APPENDIX C

LDOTD MONITOR WELL REGISTRATION FORMS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1. USE OF WELL (Check Appropriate Box)
   - [ ] DOMESTIC [ ] RIG SUPPLY [X] MONITORING [ ] PIEZOMETER [ ] RECOVERY
   - [ ] HEAT PUMP HOLE [ ] HEAT PUMP SUPPLY [ ] ABANDONED PILOT HOLE [ ] OTHER _____ (Please Specify)
2. WELL OWNER Exxon Mobil Corporation PHONE (713) 819 6879
3. WELL OWNER'S ADDRESS 16825 Northchase Dr. RM# 928C, Houston, TX 77060
4. OWNER'S WELL NUMBER OR NAME (if any) MW-1
5. DATE COMPLETED 03/30/05 DEPTH OF HOLE ~~20~~ 19 FT. DEPTH OF WELL ~~20~~ 19 FT.
6. STATIC WATER LEVEL 0.92 FT. BELOW GROUND SURFACE MEASURED ON 04/04/05 (Date)
7. CASING 2 IN. [ ] METAL [X] PLASTIC [ ] OTHER LENGTH 2 FT.
8. SCREEN 2 IN. [ ] METAL [X] PLASTIC [ ] OTHER SLOT SIZE 0.01 LENGTH 17 FT.
9. CEMENTED FROM ~~0.0~~ 1.0 FT. TO GROUND SURFACE, USING [ ] PUMP DOWN METHOD OR [X] GRAVITY METHOD
10. LOCATION OF WELL: PARISH East Baton Rouge WELL IS NEAR, Baton Rouge (Town or City)
    APPROXIMATELY 0.0 MILES FROM Intersection of Essen Lane and One Calais Street. (Crossroads, Railroad, Any Landmark, etc.)
    (Please draw sketch on back of Original)
11. REMARKS:
12. DRILLER'S LOG (Description and color of cuttings, such as shale, sand, etc. in feet)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	4	GRAY silty CLAY (FILL)			
4	18	GRAVEL			
18	20	SILTY CLAY (CL)			

13. FOR HEAT PUMP ONLY: AVG. DEPTH _____ FT. NUMBER OF HOLES _____
14. ABANDONMENT INFORMATION: DOES THE NEW WELL REPLACE AN EXISTING WELL? YES [ ] NO [X]
15. NAME OF PERSON WHO DRILLED THE WELL: Walker-Hill Environmental

Conestoga-Rovers and Associates
Name of Water Well Contractor

LICENSE NUMBER WWC-584

[signature] 4/14/05
Authorized Signature Date

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
ATTN.: CHIEF - WATER RESOURCES SECTION
P.O. BOX 94245
BATON ROUGE, LA 70804-9245
(225) 379-1434

FOR OFFICE USE ONLY

PARISH WELL NO.

IDENTIFICATION NUMBER 0

REVISED COORDINATES

Geologic Unit

Use of Well

SECTION TOWNSHIP RANGE

ELEV. QUAD. NO.

INPUT BY: _____ DATE: _____

INSPECTED BY: _____ DATE: _____

REMARKS: _____

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY

LATITUDE 302422 LONGITUDE 910608

SECTION 041 TOWNSHIP 7S RANGE 1E

ELEV. 30 QUAD. NO. 163B

SITE ADDRESS: Former Exxon 5-0608
4555 Essen Lane, Baton Rouge, LA

[redacted]EV. 7/[redacted]

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1. USE OF WELL (Check Appropriate Box)

☐ DOMESTIC ☐ RIG SUPPLY ☒ MONITORING ☐ PIEZOMETER ☐ RECOVERY
☐ HEAT PUMP HOLE ☐ HEAT PUMP SUPPLY ☐ ABANDONED PILOT HOLE ☐ OTHER _____ (Please Specify)

2. WELL OWNER Exxon Mobil Corporation PHONE (713) 819 6879

3. WELL OWNER'S ADDRESS 10825 Northchase Dr., Houston, TX 77060

4. OWNER'S WELL NUMBER OR NAME (if any) MW-2

5. DATE COMPLETED 03/31/05 DEPTH OF HOLE 12 FT. DEPTH OF WELL 12 FT.

6. STATIC WATER LEVEL 0.83 FT. BELOW GROUND SURFACE MEASURED ON 04/04/05 (Date)

7. CASING 2 IN. ☐ METAL ☒ PLASTIC ☐ OTHER LENGTH 2 FT.

8. SCREEN 2 IN. ☐ METAL ☒ PLASTIC ☐ OTHER SLOT SIZE 0.01 LENGTH 10 FT.

9. CEMENTED FROM _____ FT. TO GROUND SURFACE, USING ☐ PUMP DOWN METHOD OR ☒ GRAVITY METHOD

10. LOCATION OF WELL: PARISH East Baton Rouge WELL IS NEAR, Baton Rouge (Town or City)
APPROXIMATELY 0.0 MILES FROM Intersection of Exxon lane and one Calais (Crossroads, Railroad, Any Landmark, etc.)
Strut
(Please draw sketch on back of Original)

11. REMARKS: _____

12. DRILLER'S LOG (Description and color of cuttings, such as shale, sand, etc. in feet)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	12	Brown/tan silty clay (CL)			

13. FOR HEAT PUMP ONLY: AVG. DEPTH _____ FT. NUMBER OF HOLES _____

14. ABANDONMENT INFORMATION: DOES THE NEW WELL REPLACE AN EXISTING WELL? YES ☐ NO ☒

15. NAME OF PERSON WHO DRILLED THE WELL: Walker-Hill Environmental

Courtney-Powers and Associates
Name of Water Well Contractor

LICENSE NUMBER WWC-586

Authorized Signature 4/14/05 Date

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT
ATTN.: CHIEF - WATER RESOURCES SECTION
P.O. BOX 94245
BATON ROUGE, LA 70804-9245
(225) 379-1434

FOR OFFICE USE ONLY
PARISH WELL NO.
IDENTIFICATION NUMBER
REVISED COORDINATES
Geologic Unit
Use of Well
SECTION TOWNSHIP RANGE
ELEV. QUAD. NO.
INPUT BY: _____ DATE: _____
INSPECTED BY: _____ DATE: _____
REMARKS: _____

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY
LATITUDE 30 24 22 LONGITUDE 91 06 08
SECTION 041 TOWNSHIP 7S RANGE 1E
ELEV. 30 QUAD. NO. 163B

SITE ADDRESS: Former Exxon S-0608
4655 Exxon Ln., Baton Rouge, LA

REV. 7/9

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1. USE OF WELL (Check Appropriate Box)

☐ DOMESTIC ☐ RIG SUPPLY ☒ MONITORING ☐ PIEZOMETER ☐ RECOVERY
☐ HEAT PUMP HOLE ☐ HEAT PUMP SUPPLY ☐ ABANDONED PILOT HOLE ☐ OTHER _____ (Please Specify)

2. WELL OWNER Exxon Mobil Corporation PHONE (713) 66 0679
3. WELL OWNER'S ADDRESS 16825 Northchase Dr. Rm 928C, Houston, TX 77060
4. OWNER'S WELL NUMBER OR NAME (if any) MW-3
5. DATE COMPLETED 03/31/05 DEPTH OF HOLE 12 FT. DEPTH OF WELL 12 FT.
6. STATIC WATER LEVEL 2.80 FT. BELOW GROUND SURFACE MEASURED ON 04/04/05 (Date)
7. CASING 2 IN. ☐ METAL ☒ PLASTIC ☐ OTHER LENGTH 2 FT.
8. SCREEN 2 IN. ☐ METAL ☒ PLASTIC ☐ OTHER SLOT SIZE 0.01 LENGTH 10 FT.
9. CEMENTED FROM 1.0 FT. TO GROUND SURFACE, USING ☐ PUMP DOWN METHOD OR ☒ GRAVITY METHOD
10. LOCATION OF WELL: PARISH East Baton Rouge WELL IS NEAR, Baton Rouge (Town or City)
APPROXIMATELY 0.0 MILES FROM intersection of Essen Lane and one Calais (Crossroads, Railroad, Any Landmark, etc.)
Strut.
(Please draw sketch on back of Original)
11. REMARKS: _____
12. DRILLER'S LOG (Description and color of cuttings, such as shale, sand, etc. in feet)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	12	Brown/Tan Silty CLAY (CL)			

13. FOR HEAT PUMP ONLY: AVG. DEPTH _____ FT. NUMBER OF HOLES _____
14. ABANDONMENT INFORMATION: DOES THE NEW WELL REPLACE AN EXISTING WELL? YES ☐ NO ☒
15. NAME OF PERSON WHO DRILLED THE WELL: Walker-Hill Environmental

Conestoga-Rovers and Associates
Name of Water Well Contractor
LICENSE NUMBER WWC-586
Authorized Signature 4/14/05 Date

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT
ATTN.: CHIEF - WATER RESOURCES SECTION
P.O. BOX 94245
BATON ROUGE, LA 70804-9245
(225) 379-1434

FOR OFFICE USE ONLY
PARISH WELL NO.
IDENTIFICATION NUMBER
REVISED COORDINATES
Geologic Unit
Use of Well
SECTION TOWNSHIP RANGE
ELEV. QUAD. NO.
INPUT BY: _____ DATE: _____
INSPECTED BY: _____ DATE: _____
REMARKS: _____

FOR MONITOR/PIEZO/RECOVERY WELLS ONLY
LATITUDE 30 24 22 LONGITUDE 91 06 08
SECTION 041 TOWNSHIP 7S RANGE 1E
ELEV. 30 QUAD. NO. 163B
SITE ADDRESS: Former Exxon 5-0608
4555 Essen Lane, Baton Rouge, LA

REV. 7 DO CO

APPENDIX D

LOUISIANA NOTIFICATION REQUIREMENTS FORM

INCIDENT # None Assigned

Agency Interest No.: 13366

DATE: April 28, 2005

LOUISIANA NOTIFICATION REQUIREMENTS

This form should be completed and submitted to the Underground Storage Tank Division within seven (7) calendar days after verbal notification.

If mailed, submittal date will be the postmark date of the written notification. Forward to:

Louisiana Department of Environmental Quality
Post Office Box 4314
Baton Rouge, LA 70821-4314
ATTENTION: SURVEILLANCE DIVISION - SPOC
"UNAUTHORIZED DISCHARGE NOTIFICATION REPORT"

1. Name of person, company, or other party who is filing the written report.

   Seth P. Domangue, Conestoga-Rovers & Associates, Inc.

2. Time and date of verbal notification, name of person making the notification, and identification of the site or facility. (Name and address)

   1554, April 21, 2005, via Online Incident Reporting confirmation # LTPX 2156, Louisiana Department of Environmental Quality-Single Point of Contact (SPOC); Seth Domangue, Conestoga-Rovers & Associates, Inc., Baton Rouge, LA; Former Exxon Retail Store No. 5-0608, 4555 Essen Lane, Baton Rouge, Louisiana.

3. Release date and time.

   Unknown

4. Incident details and/or emergency condition.

   Soil and groundwater samples collected from the site in March/April 2005 during a divestment initial subsurface investigation (DISI). Analytical results from the DISI indicated soil concentrations that exceeded the Risk Evaluation/Corrective Action Program (RECAP) Screening Option (SO)

Screening Standard (SS) for methyl tertiary butyl ether (MTBE). Analytical results from the DISI indicated groundwater concentrations that exceeded the RECAP SO SS for benzene, MTBE, TPH-GRO, and TPH-diesel range organics (TPH-DRO). No emergency condition exists as of this date.

5. Product released and estimated quantity released in gallons.

   Suspected gasoline/diesel

6. Surface or groundwater impact.

   Groundwater impact.

7. Action taken to stop release.

   The underground storage tanks (USTs) system was removed in April 2005.

8. Measures taken to prevent recurrence of the incident.

   N/A

9. Is the U.S.T. system registered?

   YES ☒ **U.S.T. ID#** 17-004224

ANSWER THE FOLLOWING ONLY IF GROUNDWATER CONTAMINATION IS CONFIRMED

1. Reporting party status (owner, operator, consultant, etc.).

   Consultant

2. Attach groundwater contamination data and/or analytical results.

   Tables summarizing groundwater analytical results and a copy of the analytical laboratory report are attached.

3. Possible routes of migration.

   Underground utility corridors and storm drains.

4. List all abandoned or active water wells within the immediate area.

No domestic or public supply wells within 2,000 feet

5. Names of all other responsible parties.

Exxon Mobil Corporation.

TANK EXCAVATION ASSESSMENT REPORT

Former Exxon Retail Store No. 5-0608
4555 Essen Lane
Baton Rouge, Louisiana
East Baton Rouge Parish
Facility UST I.D. No.: 17-004224
Agency Interest No.: 13366

for

Exxon Mobil Corporation
Houston, Texas

MAY 2005
Ref. 25881-02 (3)

CONESTOGA-ROVERS & ASSOCIATES
4915 S. Sherwood Forest Blvd.
Baton Rouge, LA 70816
(225)292-9007 Office; (225)292-3614 Fax

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Tank Excavation Assessment Report
Former Exxon Retail Store No. 5-0608
4555 Essen Lane
Baton Rouge, Louisiana
East Baton Rouge Parish
Facility UST I.D. No. 17-004224
Agency Interest No. 13366

INTRODUCTION

Conestoga-Rovers & Associates (CRA) herein submits a report documenting the removal of four underground storage tanks (USTs) at Former Exxon Retail Store No. 5-0608, located at 4555 Essen Lane in Baton Rouge, Louisiana. A water well survey was conducted and the Louisiana Department of Transportation and Development database indicated there were 8 active groundwater wells within a one-mile radius of the site and are illustrated on a water well map included as figure 1. The immediate surroundings consist of commercial properties and are illustrated on a surrounding land use map included as figure 2. A site plan showing the location of the former USTs, former dispenser islands, and other pertinent features is presented on figure 3.

On April 13, 2005 CRA's contractor, Sunbelt Industrial Services (Sunbelt) of Fort Worth, Texas, removed one 10,000-gallon fiberglass diesel UST, one 10,000-gallon fiberglass gasoline UST, one 12,000-gallon fiberglass gasoline UST, and one 8,000-gallon fiberglass gasoline UST. Oversight, sampling, and documentation of the removal activities was provided by CRA (Mr. Cliff D. Corder, Certification No. C-0676). A UST closure notification form, submitted by Exxon Mobil Corporation (ExxonMobil) to the Louisiana Department of Environmental Quality (LDEQ) on March 21, 2005, is included as Appendix A. CRA verbally notified LDEQ (Mr. Charlie Melchior) of closure activities on April 8, 2005. The UST closure activities are documented in the attached photographs 1 through 4.

EXCAVATION PROCESS

On April 11, 2005, Sunbelt utilized a trackhoe to excavate pea gravel from the surface to the top of the four fiberglass USTs (approximately four feet) and along the sides of the USTs. Excavated pea gravel was temporarily stockpiled west of the tank hold for possible re-use as backfill. Prior to exposing the tanks, the fill ports were opened, the tanks and product lines were purged of all residual fluids. Following exposure on April 13, 2005, the tanks were cleaned and degassed utilizing a vacuum truck operated by U.S. Filter Recovery Service (U.S. Filter) of New Orleans, Louisiana. On April 13, 2005, the lower explosive level (LEL) was measured in the tanks and was 4 to 6% throughout each tank. A chain was then attached to each UST and the trackhoe was used to lift each individual tank from the tank hold. Following removal of the USTs, the dispenser islands and product piping were removed.

UST CONDITION AND DISPOSAL

Following the removal of each UST, the tanks were visually inspected and found to be in good condition. Following inspections, the fiberglass tanks were crushed on-site and all debris was placed into a roll-off container. The roll-off container was then transported by CEI Environmental Services to BFI Colonial Landfill in Sorrento, Louisiana. A copy of the Non-Hazardous Manifests are included as Appendix B. The UST Closure/Assessment form is included as Appendix C.

SOIL SAMPLE COLLECTION AND ANALYSES

Following the removal of the UST system, soil samples/backfill samples S-1 through S-16 were collected on April 14, 2005, for laboratory analyses in compliance with UST closure guidelines specified by the LDEQ UST Closure/Change-in-Service Guidance Document, October 20, 2003.

Soil samples S-1 through S-5 were collected from the sidewalls beneath the dispenser islands; S-6 through S-12 were collected from the sidewalls of the excavated tank hold area; and S-14 through S-16 were collected one foot into the stockpiled pea gravel. Soil samples S-1 through S-3, S-5 through S-8, S-11 through S-13, S-15 and S-16 were collected utilizing EPA Method 5035 and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl tertiary butyl ether (MTBE), total petroleum hydrocarbons-gasoline range organics (TPH-GRO) and lead. Soil samples S-4, S-9, S-10, and S-14 were sampled for TPH-diesel range organics (TPH-DRO), metals, and polynuclear aromatic hydrocarbons (PAHs). The samples were collected approximately one foot below ground surface at the groundwater interface. Each sample location is illustrated on figure 3.

Soil samples were collected in laboratory supplied containers, placed on ice, and subsequently transported by Federal Express courier, following proper chain-of-custody procedures, to ExxonMobil's contract laboratory Test America, Inc. (TAI) in Nashville, Tennessee. Laboratory analyses were performed in accordance with methods approved by the EPA and the LDEQ. Soil samples were analyzed for BTEX/MTBE by EPA Method 8260B, Test Methods for Evaluating Solid Waste (SW-846), TPH-GRO and TPH-DRO by EPA Method 8015B (SW-846), metals by EPA Method 6010B/7471B (SW-846), and PAHs by EPA Method 8270C (SW-846). In addition, soil samples which had results exceeding the UST closure screening standards, (S-1 and S-7)

were also analyzed for Synthetic Precipitation Leaching Procedure (SPLP) benzene/MTBE by Method 8021B, and SPLP-TPH-GRO by Method 8015B. The soil sample analytical laboratory results are presented on Tables 1A through 1C. The analytical laboratory reports and chain-of-custody documents are included as Appendix D.

FLUIDS REMOVAL AND DISPOSAL

On April 11, 12, and 13, 2005, tank hold water, residual fluids, and wash waters were removed from the UST system by U.S. Filter (approximately 22,834 gallons of fluids were removed) and transported off-site to their facility in Port Allen, Louisiana, pending proper disposal/recycling. No sludges were observed in the USTs. The transportation/receiving manifest for those fluids removed from the site is presented as Appendix E.

TREATMENT/DISPOSAL OF EXCAVATED SOILS

Pea gravel backfill contained in the tank hold did not exhibit visual or olfactory evidence of hydrocarbon impact. Confirmatory backfill samples (S-14 through S-16) were collected and analyzed for all applicable parameters by the aforementioned methods. The pea gravel was reintroduced into the tank hold pending laboratory analyses. The laboratory results presented in Tables 1A and 1B confirm the re-use of the backfill to be appropriate.

CONCLUSION

On April 13, 2005, one 10,000-gallon fiberglass diesel UST, one 10,000-gallon fiberglass gasoline UST, one 12,000-gallon fiberglass gasoline UST, one 8,000-gallon fiberglass gasoline UST, and ancillary equipment, were removed from Former Exxon Retail Store No. 5-0608 located at 4555 Essen Lane, in Baton Rouge, Louisiana. Following receipt of laboratory analytical results from samples collected during UST closure activities No Further Action At this Time (NFA-ATT) is recommended.

Tank Excavation Assessment Report
Former Exxon Retail Store No. 5-0608
4555 Essen Lane
Baton Rouge, Louisiana
East Baton Rouge Parish
Facility UST I.D. No. 17-004224
Agency Interest No. 13366

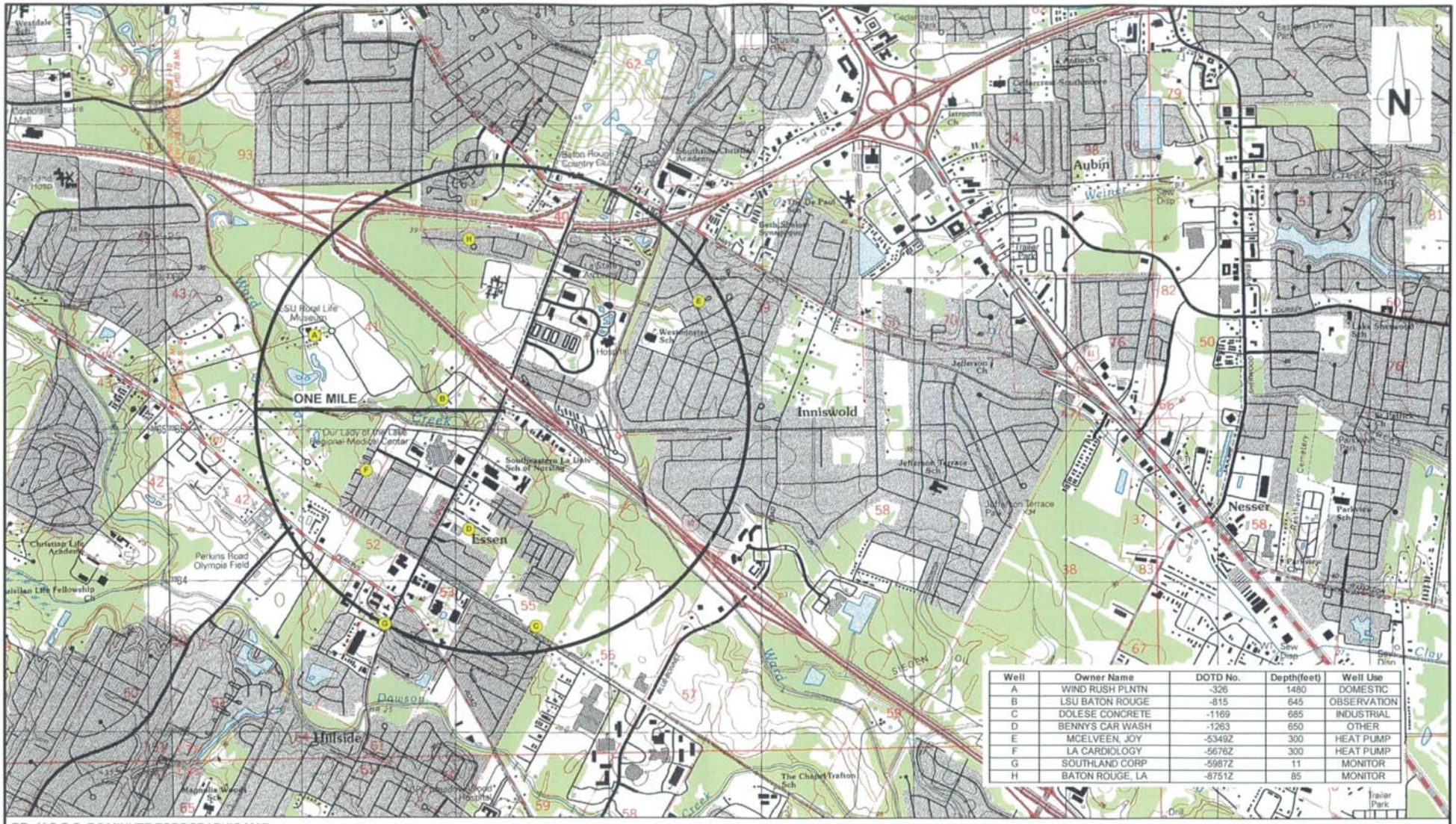
If you have any questions concerning this report, please contact CRA at your convenience.

All of Which is Respectfully Submitted,

CONESTOGA-ROVERS & ASSOCIATES

for Cliff D. Corder

Thomas B. Powers, PG



Well	Owner Name	DOTD No.	Depth(feet)	Well Use
A	WIND RUSH PLNTN	-326	1480	DOMESTIC
B	LSU BATON ROUGE	-815	645	OBSERVATION
C	DOLESE CONCRETE	-1169	685	INDUSTRIAL
D	BENNYS CAR WASH	-1263	650	OTHER
E	MCELVEEN, JOY	-5349Z	300	HEAT PUMP
F	LA CARDIOLOGY	-5676Z	300	HEAT PUMP
G	SOUTHLAND CORP	-5987Z	11	MONITOR
H	BATON ROUGE, LA	-8751Z	85	MONITOR

RE: U.S.G.S. 7.5 MINUTE TOPOGRAPHIC MAP,
"BATON ROUGE EAST, LOUISIANA," DATED 1992 AND
"BATON ROUGE WEST, LOUISIANA," DATED 1992.

LEGEND

WATER WELL LOCATION

0 1,000 2,000 Feet

figure 1
WATER WELL MAP
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE, BATON ROUGE, LOUISIANA
Exxon Mobil Corporation, Houston, Texas

25881-02(003)PR-BR002 MAY 4/2005

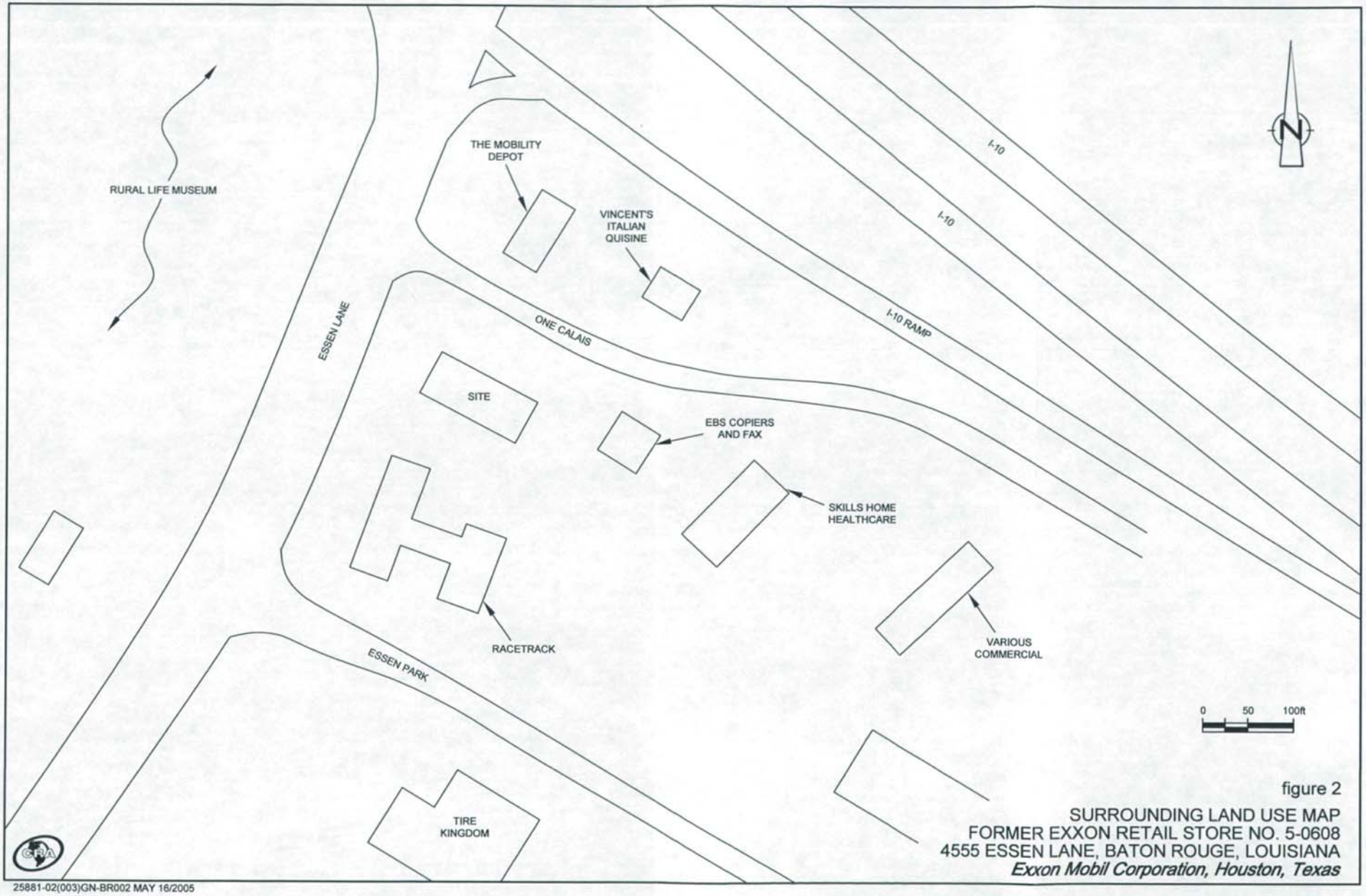


figure 2

SURROUNDING LAND USE MAP
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE, BATON ROUGE, LOUISIANA
Exxon Mobil Corporation, Houston, Texas

25881-02(003)GN-BR002 MAY 16/2005

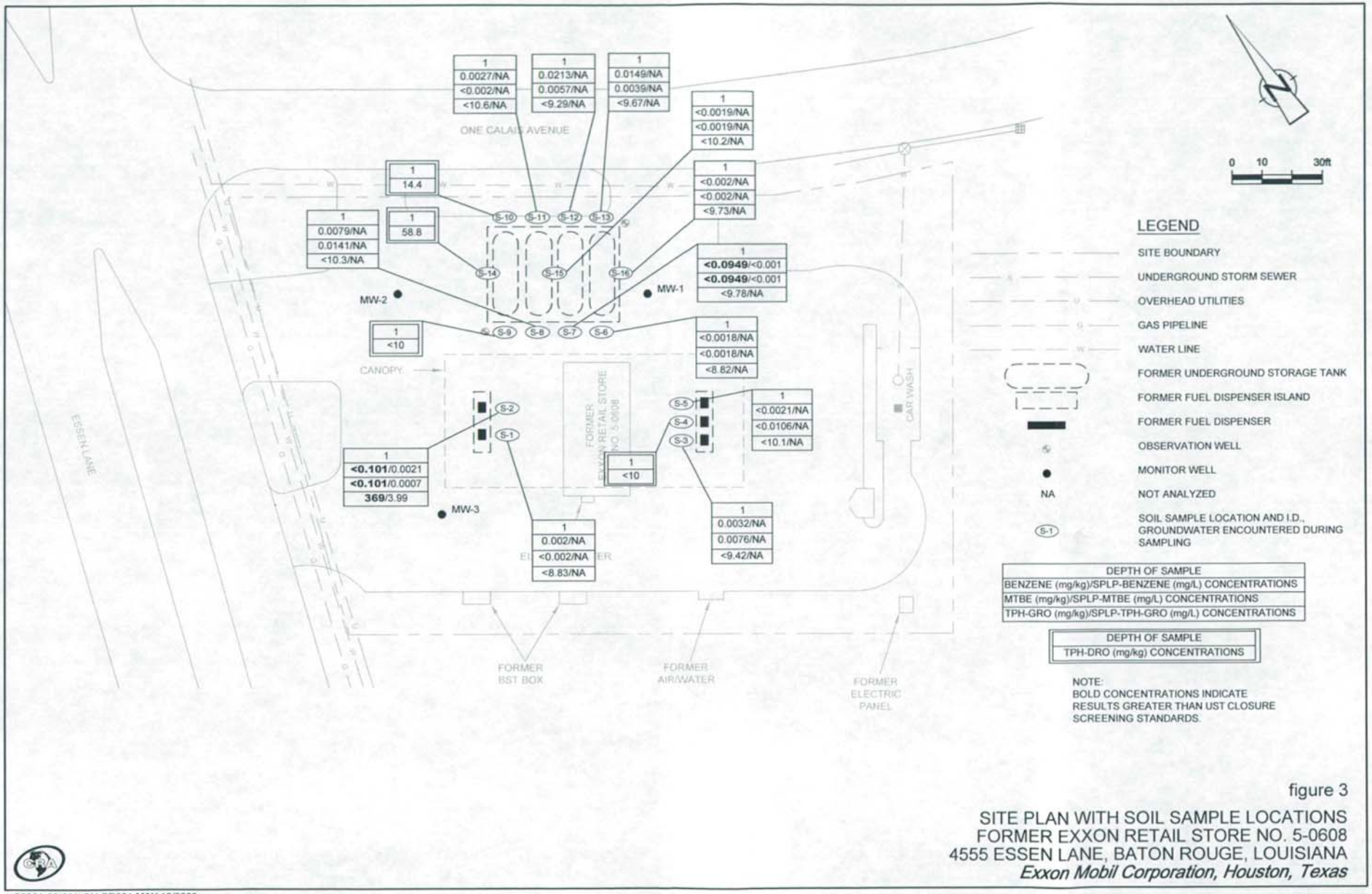


figure 3

SITE PLAN WITH SOIL SAMPLE LOCATIONS
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE, BATON ROUGE, LOUISIANA
Exxon Mobil Corporation, Houston, Texas

25881-02(003)GN-BR001 MAY 16/2005

TABLE 1A

SOIL SAMPLE ANALYTICAL LABORATORY RESULTS
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
AGENCY INTEREST NO. 13366

Sample Location	Sample Collection Date	Depth (ft)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Lead (mg/kg)	SPLP benzne (mg/kg)	SPLP MTBE (mg/kg)	SPLP TPH-GRO (mg/kg)
			*0.051**	*20**	*19**	*18**	*0.077**	*65**	*65**	*100**	*0.1***	*0.4***	*6.8***
S-1	04/14/05	1	0.002	<0.002	<0.002	<0.002	<0.002	<8.83	NA	7.91	NA	NA	NA
S-2	04/14/05	1	**<0.101**	<0.101	1.66	6.66	**<0.101**	**369**	NA	9.09	0.0021	0.0007	3.99
S-3	04/14/05	1	0.0032	<0.0019	<0.0019	<0.0019	0.0076	<9.42	NA	6.10	NA	NA	NA
S-4	04/14/05	1	NA	NA	NA	NA	NA	NA	<10	6.07	NA	NA	NA
S-5	04/14/05	1	<0.0021	<0.0021	<0.0021	<0.0021	0.0106	<10.1	NA	11.3	NA	NA	NA
S-6	04/14/05	1	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<8.82	NA	8.27	NA	NA	NA
S-7	04/14/05	1	**<0.0949**	<0.0949	<0.0949	<0.0949	**<0.0949**	<9.78	NA	5.33	<0.001	<0.001	NA
S-8	04/14/05	1	0.0079	<0.0021	0.0032	<0.0021	0.0141	<10.3	NA	14.1	NA	NA	NA
S-9	04/14/05	1	NA	NA	NA	NA	NA	NA	<10	8.33	NA	NA	NA
S-10	04/14/05	1	NA	NA	NA	NA	NA	NA	14.4	13.1	NA	NA	NA
S-11	04/14/05	1	0.0027	0.0032	<0.002	0.004	<0.002	<10.6	NA	8.09	NA	NA	NA
S-12	04/14/05	1	0.0213	0.0038	<0.0022	0.0121	0.0057	<9.29	NA	9.0	NA	NA	NA
S-13	04/14/05	1	0.0149	0.0029	0.0029	0.0065	0.0039	<9.67	NA	13	NA	NA	NA
S-14	04/14/05	1	NA	NA	NA	NA	NA	NA	58.8	5.22	NA	NA	NA
S-15	04/14/05	1	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<10.2	NA	2.76	NA	NA	NA
S-16	04/14/05	1	<0.002	<0.002	<0.002	0.0037	<0.002	<9.73	NA	1.99	NA	NA	NA

mg/kg = Milligrams per kilogram, which is equivalent to parts per million (ppm).
NA = Not Analyzed
MTBE = methyl tertiary butyl ether
TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics
TPH-DRO = Total Petroleum Hydrocarbons-Diesel Range Organics
*UST Screening Standards, UST Closure/Change-in-Service Guidance Document, October 20, 2003
**Screening Standards for SPLP extracts were derived by multiplying the RECAP MO-1 GW1 Standard by a default dilution factor of 20.
Bold font with shading indicates result exceeds the UST Closure Screening Standard.

TABLE 1B

SOIL SAMPLE ANALYTICAL LABORATORY RESULTS
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
AGENCY INTEREST NO. 13366

Sample Location	Sample Collection Date	Depth (ft)	PAH Parameter														
			Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Chrysene (mg/kg)	Dibenz(a,h)Anthracene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(a)anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Naphthalene (mg/kg)	Pyrene (mg/kg)	Acenaphthylene (mg/kg)	2-Methylnapthalene (mg/kg)
			220*	120*	0.33*	61*	0.33*	0.56*	5.5*	35*	3.6*	200*	180*	1.5*	150*	88*	1.7*
S-4	04/14/05	1	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
S-9	04/14/05	1	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
S-10	04/14/05	1	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
S-14	04/14/05	1	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067

mg/kg = milligrams per kilogram, which is equivalent to parts per million (ppm)
*UST Screening Standards, UST Closure/Change-in-Service Guidance Document, October 20, 2003

TABLE 1C

SOIL SAMPLE ANALYTICAL LABORATORY DATA
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
AGENCY INTEREST NO. 13366

Sample Location	Sample Date	Depth (ft.)	Parameter						
			Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Mercury (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)
			12*	550*	3.9*	100*	2.3*	20*	39*
S-4	04/14/05	1	<0.98	86.3	<0.98	7.05	<0.0985	<1.96	<0.98
S-9	04/14/05	1	<0.99	121	<0.99	9.52	<0.0971	<1.98	<0.99
S-10	04/14/05	1	3.37	120	<0.99	11.3	<0.1	<1.98	<0.99
S-14	04/14/05	1	<1.0	43.4	<1.0	5.82	<0.0976	<2.01	<1.0

mg/kg = Milligrams per kilogram, which is equivalent to parts per million (ppm).
* Screening standards specified in the LDEQ RECAP Table 1, October 20, 2003, Screening Option, Screening Standards for Soil and Groundwater.

APPENDIX A

UST CLOSURE NOTIFICATION FORM

STATE OF LOUISIANA

NOTIFICATION OF INTENT TO PERFORM A CLOSURE OR CHANGE-IN-SERVICE TO AN UNDERGROUND STORAGE TANK SYSTEM

Please complete and return thiry (30) days prior to permanent UST system closure or change-in-service

Return: LDEQ-SURVEILLANCE DIVISION
P.O. Box 4312
Baton Rouge, LA 70821-4312

Questions: (225) 219-3615

DEQ Facility Number: AI# 13366

DEQ Owner ID Number: 0109200

I. OWNERSHIP OF TANKS

IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐

Exxon Mobil Corporation
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)

16825 Northchase Drive, Room 928C
MAILING ADDRESS

Houston, Texas 77060
CITY STATE ZIP

Harris
PARISH/COUNTY

(713) 819-6879
TELEPHONE (INCLUDE AREA CODE)

Dale Gomm
NAME OF CONTACT

II. LOCATION OF TANKS

IF SAME AS SECTION I. PLEASE CHECK ☐

Former Exxon Retail Store No. 5-0608
FACILITY NAME OR COMPANY SITE IDENTIFIER

4555 Essen Lane
STREET ADDRESS (P. O. BOX NOT ACCEPTABLE)

Baton Rouge, Louisiana
CITY STATE ZIP

East Baton Rouge
PARISH

( ) N/A
TELEPHONE (INCLUDE AREA CODE)

N/A
CONTACT PERSON AT THIS LOCATION

III. TANK INFORMATION

DATE SCHEDULED FOR CLOSURE/REMOVAL OR CHANGE-IN-SERVICE / /

DEQ ASSIGNED TANK NUMBERS	SIZE OF TANK (GALLONS)	PRODUCT LAST STORED IN TANK	DEQ ASSIGNED TANK NUMBERS	SIZE OF TANK (GALLONS)	PRODUCT LAST STORED IN TANK
11995	10,000	Gasoline	11918	12,000	Diesel
11996	8,000	Gasoline			
11997	10,000	Gasoline			

ATTACH CONTINUATION SHEETS IF NECESSARY

IV. TANK CLOSURE INFORMATION

A. If the tank(s) are to be closed in place, indicate cleaning method and the type of fill material to be used:
N/A

B. Name of UST Certified Worker Cliff D. Corder Certificate No. C-0676

C. Name of Contracting Company Conestoga-Rovers & Associates

D. Name of laboratory to conduct sample analysis Test America, Inc.

FORMS THAT INCLUDE "TO BE DETERMINED" OR "UNKNOWN" AS A RESPONSE WILL BE REJECTED

V. CERTIFICATION

I certify that the above information is correct to the best of my knowledge and that the appropriate UST Regional Office will be contacted seven days prior to performing the UST system closure or change-in-service. I agree if closure or change-in-service of the UST system does not begin within 90 days after DEQ's approval, that this form becomes invalid. I also agree to submit the following information within 60 days after closure/change-in-service of the UST system:

(1) the 'UST Closure/Assessment Form" (UST-SURV-02);
(2) two copies of a site drawing to include the information required by the "Underground Storage Tank Closure/Change-in-Service Assessment Guidelines";
(3) two copies of analytical results with chain-of-custody documents; and
(4) two copies of all manifests, bills of lading or receipts for the disposition of tank(s), tank contents, soil and waters.

Dale L. Gomm
PRINT OR TYPE OWNER'S NAME

Dale J Gomm
OWNER'S SIGNATURE

3/21/05
DATE

FORMS THAT DO NOT INCLUDE THE OWNER'S SIGNATURE WILL BE REJECTED

LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

☐ DEQ AI No. _____

APPENDIX B

LANDFILL DISPOSAL RECEIPT
AND NON-HAZARDOUS MANIFESTS

0057237

NON-HAZARDOUS WASTE MANIFEST

Box T1569

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address: SUNBELT INDUSTRIAL SVCS. 2415 CULLEN ST. FT. WORTH TX. 76107

4. Generator's Phone (817) 877-0866

5. Transporter 1 Company Name: CEI Environmental Services

6. US EPA ID Number

A. State Transporter's ID: T0613125

B. Transporter 1 Phone: 225-667-1707

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: B.F.I. COLONIAL 5328 HWY 70 SORRENTO LA. 70778

10. US EPA ID Number: LAD150757649

E. State Facility's ID: TD0050532

F. Facility's Phone: 225-675-8021

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Fiberglass Underground Storage tanks (RCRA Empty)	1	CM	20	Y.
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

A. Approval # L34Y54960
Acct.# 792689

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Joe Garcia | Signature: [signature] | Date: Month 5 Day 6 Year 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: J. G. Kelley | Signature: [signature] | Date: Month 5 Day 6 Year 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Alessie Snider | Signature: Alessie Snider | Date: Month 05 Day 06 Year 05

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

F-14 © 2002 LABELMASTER (800) 621-6608 www.labelmaster.com PRINTED ON RECYCLED PAPER USING SOYBEAN INK SOY INK

71.54

Rev. 3/95

0057238

NON-HAZARDOUS WASTE MANIFEST

Box 1073

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address: SUNBELT INDUSTRIAL SERVICES, 2415 CULLEN ST, Ft. WORTH, TX. 76107

4. Generator's Phone (817) 877-0866

5. Transporter 1 Company Name: CEI ENVIRONMENTAL SERVICES

6. US EPA ID Number

A. State Transporter's ID: TX613125

B. Transporter 1 Phone: 225-667-1707

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: BFI COLONIAL, 5328 HWY. 70, SORRENTO, LA. 70778

10. US EPA ID Number: LAD150757649

E. State Facility's ID: TD0050532

F. Facility's Phone: 225-675-8021

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Fiberglass UNDERGROUND STORAGE TANKS (RCRA Empty)	1	CM	20	Y.
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

A. Approval # 234454960

Acct. # 792689

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: JOE GARCIA — Signature — Date: Month 5 Day 6 Year 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: J.C. Kelley — Signature — Date: Month 5 Day 6 Year 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name: Alessie Jackson — Signature — Date: Month 05 Day 10 Year 05

GENERATOR — TRANSPORTER — FACILITY

NON-HAZARDOUS WASTE

APPENDIX C

UST CLOSURE/ASSESSMENT FORM

APPENDIX D

SOIL SAMPLE ANALYTICAL LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

TestAmerica
ANALYTICAL TESTING CORPORATION

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

ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52986
Sample ID: Trip Blank
Sample Type: Water
Site ID: 5-0608

Date Collected:
Time Collected:
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
**Benzene	ND	mg/l	0.0010	1.0	4/15/05	22:59	B.Herford	8260B	1338
**Toluene	ND	mg/l	0.0010	1.0	4/15/05	22:59	B.Herford	8260B	1338
**Ethylbenzene	ND	mg/l	0.0010	1.0	4/15/05	22:59	B.Herford	8260B	1338
**Xylenes (Total)	ND	mg/l	0.0010	1.0	4/15/05	22:59	B.Herford	8260B	1338
**Methyl-t-butyl ether	ND	mg/l	0.0010	1.0	4/15/05	22:59	B.Herford	8260B	1338

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	96.	70. - 130.
VOA Surr Toluene-d8	101.	78. - 121.
VOA Surr, 4-BFB	115.	78. - 126.
VOA Surr, DBFM	97.	79. - 122.

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.
** = NELAC E87358 Certified Analyte

End of Sample Report.

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ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project:
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52988
Sample ID: S-4
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 10:06
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Diesel Range)	ND	mg/kg	10.0	1.0	4/16/05	23:02	B. Yanna	8015B	1583
**Naphthalene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Acenaphthene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Fluorene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Benzo(a)anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Benzo(a)pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Benzo(b)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Benzo(k)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Chrysene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Dibenzo(a,h)anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Acenaphthylene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Phenanthrene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**2-Methylnapthalene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
METALS									
**Arsenic	ND	mg/kg	0.98	1.0	4/15/05	14:44	G.McCord	6010B	61
**Barium	86.3	mg/kg	1.96	1.0	4/15/05	14:44	G.McCord	6010B	61
**Cadmium	ND	mg/kg	0.98	1.0	4/15/05	14:44	G.McCord	6010B	61
**Chromium	7.05	mg/kg	0.98	1.0	4/15/05	14:44	G.McCord	6010B	61
**Lead	6.07	mg/kg	0.98	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample report continued . . .

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project:
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52989
Sample ID: S-9
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 11:00
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Diesel Range)	ND	mg/kg	10.0	1.0	4/16/05	23:18	B. Yanna	8015B	1583
**Naphthalene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Acenaphthene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Fluorene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Benzo(a)anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Benzo(a)pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Benzo(b)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Benzo(k)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Chrysene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Dibenzo(a,h)anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Acenaphthylene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Phenanthrene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**2-Methylnapthalene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
METALS									
**Arsenic	ND	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61
**Barium	121.	mg/kg	1.98	1.0	4/15/05	14:44	G.McCord	6010B	61
**Cadmium	ND	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61
**Chromium	9.52	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61
**Lead	8.33	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample report continued . . .

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project:
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52990
Sample ID: S-10
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 11:04
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Diesel Range)	14.4	mg/kg	10.0	1.0	4/16/05	23:34	B. Yanna	8015B	1583
**Naphthalene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Acenaphthene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Fluorene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Benzo(a)anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Benzo(a)pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Benzo(b)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Benzo(k)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Chrysene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Dibenzo(a,h)anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Acenaphthylene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Phenanthrene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**2-Methylnapthalene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
METALS									
**Arsenic	3.37	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61
**Barium	120.	mg/kg	1.98	1.0	4/15/05	14:44	G.McCord	6010B	61
**Cadmium	ND	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61
**Chromium	11.3	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61
**Lead	13.1	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A52991
Sample ID: S-14
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 11:14
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Project:
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Diesel Range)	58.8	mg/kg	10.0	1.0	4/16/05	23:49	B. Yanna	8015B	1583
**Naphthalene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Acenaphthene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Anthracene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Fluorene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Pyrene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Benzo(a)anthracene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Benzo(a)pyrene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Benzo(b)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Benzo(k)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Chrysene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Dibenzo(a,h)anthracene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Acenaphthylene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Phenanthrene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**2-Methylnapthalene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
METALS									
**Arsenic	ND	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61
**Barium	43.4	mg/kg	2.01	1.0	4/15/05	14:44	G.McCord	6010B	61
**Cadmium	ND	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61
**Chromium	5.82	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61
**Lead	5.22	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample report continued . . .

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52992
Sample ID: S-1
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 9:40
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78.9	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	8.83	1.0	4/16/05	1:38	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	0.0020	mg/kg	0.0020	1.0	4/15/05	23:32	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0020	1.0	4/15/05	23:32	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0020	1.0	4/15/05	23:32	J. Adams	8260B	1949
**Xylenes (Total)	ND	mg/kg	0.0020	1.0	4/15/05	23:32	J. Adams	8260B	1949
**Methyl-t-butyl ether	ND	mg/kg	0.0020	1.0	4/15/05	23:32	J. Adams	8260B	1949
METALS									
**Lead	7.91	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.05 g	5.0 ml	4/14/05	9:40	N. Noman	5035

Sample report continued . . .

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SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A52993
Sample ID: S-2
Sample Type: Soil
Site ID: 5-0608

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 9:49
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78.7	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	369.	mg/kg	50.0	50.0	4/16/05	13:23	H. Wagner	8015B	2154
VOLATILE ORGANICS									
**Benzene	ND	mg/kg	0.101	50.0	4/15/05	16:01	J. Adams	8260B	1943
**Ethylbenzene	1.66	mg/kg	0.101	50.0	4/15/05	16:01	J. Adams	8260B	1943
**Toluene	ND	mg/kg	0.101	50.0	4/15/05	16:01	J. Adams	8260B	1943
**Xylenes (Total)	6.66	mg/kg	0.101	50.0	4/15/05	16:01	J. Adams	8260B	1943
**Methyl-t-butyl ether	ND	mg/kg	0.101	50.0	4/15/05	16:01	J. Adams	8260B	1943
METALS									
**Lead	9.09	mg/kg	1.01	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.94 g	5.0 ml	4/14/05	9:49	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

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SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A52994
Sample ID: S-3
Sample Type: Soil
Site ID: 5-0608

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 10:00
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	79.0	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	9.42	1.0	4/16/05	2:35	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	0.0032	mg/kg	0.0019	1.0	4/15/05	23:52	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0019	1.0	4/15/05	23:52	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0019	1.0	4/15/05	23:52	J. Adams	8260B	1949
**Xylenes (Total)	ND	mg/kg	0.0019	1.0	4/15/05	23:52	J. Adams	8260B	1949
**Methyl-t-butyl ether	0.0076	mg/kg	0.0019	1.0	4/15/05	23:52	J. Adams	8260B	1949
METALS									
**Lead	6.10	mg/kg	0.95	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.29 g	5.0 ml	4/14/05	10:00	N. Noman	5035

Sample report continued . . .

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CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52995
Sample ID: S-5
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 10:11
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	72.4	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	10.1	1.0	4/16/05	3:03	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	ND	mg/kg	0.0021	1.0	4/16/05	0:11	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0021	1.0	4/16/05	0:11	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0021	1.0	4/16/05	0:11	J. Adams	8260B	1949
**Xylenes (Total)	ND	mg/kg	0.0021	1.0	4/16/05	0:11	J. Adams	8260B	1949
**Methyl-t-butyl ether	0.0106	mg/kg	0.0021	1.0	4/16/05	0:11	J. Adams	8260B	1949
METALS									
**Lead	11.3	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.70 g	5.0 ml	4/14/05	10:11	N. Noman	5035

Sample report continued . . .

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BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52996
Sample ID: S-6
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 10:30
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	84.0	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	8.82	1.0	4/16/05	3:32	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	ND	mg/kg	0.0018	1.0	4/16/05	0:31	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0018	1.0	4/16/05	0:31	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0018	1.0	4/16/05	0:31	J. Adams	8260B	1949
**Xylenes (Total)	ND	mg/kg	0.0018	1.0	4/16/05	0:31	J. Adams	8260B	1949
**Methyl-t-butyl ether	ND	mg/kg	0.0018	1.0	4/16/05	0:31	J. Adams	8260B	1949
METALS									
**Lead	8.27	mg/kg	0.96	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.46 g	5.0 ml	4/14/05	10:30	N. Noman	5035

Sample report continued . . .

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BATON ROUGE, LA 70816

Lab Number: 05-A52997
Sample ID: S-7
Sample Type: Soil
Site ID: 5-0608

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 10:40
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	76.5	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	9.78	1.0	4/16/05	4:00	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	ND	mg/kg	0.0949	50.0	4/15/05	17:20	J. Adams	8260B	1943
**Ethylbenzene	ND	mg/kg	0.0949	50.0	4/15/05	17:20	J. Adams	8260B	1943
**Toluene	ND	mg/kg	0.0949	50.0	4/15/05	17:20	J. Adams	8260B	1943
**Xylenes (Total)	ND	mg/kg	0.0949	50.0	4/15/05	17:20	J. Adams	8260B	1943
**Methyl-t-butyl ether	ND	mg/kg	0.0949	50.0	4/15/05	17:20	J. Adams	8260B	1943
METALS									
**Lead	5.33	mg/kg	0.95	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.27 g	5.0 ml	4/14/05	10:40	N. Noman	5035

Sample report continued . . .

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4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A52998
Sample ID: S-8
Sample Type: Soil
Site ID: 5-0608

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 10:50
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	69.7	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	10.3	1.0	4/16/05	4:29	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	0.0079	mg/kg	0.0021	1.0	4/16/05	1:10	J. Adams	8260B	1949
**Ethylbenzene	0.0032	mg/kg	0.0021	1.0	4/16/05	1:10	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0021	1.0	4/16/05	1:10	J. Adams	8260B	1949
**Xylenes (Total)	ND	mg/kg	0.0021	1.0	4/16/05	1:10	J. Adams	8260B	1949
**Methyl-t-butyl ether	0.0141	mg/kg	0.0021	1.0	4/16/05	1:10	J. Adams	8260B	1949
METALS									
**Lead	14.1	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.73 g	5.0 ml	4/14/05	10:50	N. Noman	5035

Sample report continued . . .

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CONESTOGA ROVERS & ASSOC. 10318
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4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A52999
Sample ID: S-11
Sample Type: Soil
Site ID: 5-0608

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 11:40
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78.2	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	10.6	1.0	4/16/05	4:58	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	0.0027	mg/kg	0.0020	1.0	4/16/05	1:30	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0020	1.0	4/16/05	1:30	J. Adams	8260B	1949
**Toluene	0.0032	mg/kg	0.0020	1.0	4/16/05	1:30	J. Adams	8260B	1949
**Xylenes (Total)	0.0040	mg/kg	0.0020	1.0	4/16/05	1:30	J. Adams	8260B	1949
**Methyl-t-butyl ether	ND	mg/kg	0.0020	1.0	4/16/05	1:30	J. Adams	8260B	1949
METALS									
**Lead	8.09	mg/kg	0.96	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.88 g	5.0 ml	4/14/05	11:40	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
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4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A53000
Sample ID: S-12
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 12:00
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	76.1	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	9.29	1.0	4/16/05	5:26	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	0.0213	mg/kg	0.0022	1.0	4/16/05	1:49	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0022	1.0	4/16/05	1:49	J. Adams	8260B	1949
**Toluene	0.0038	mg/kg	0.0022	1.0	4/16/05	1:49	J. Adams	8260B	1949
**Xylenes (Total)	0.0121	mg/kg	0.0022	1.0	4/16/05	1:49	J. Adams	8260B	1949
**Methyl-t-butyl ether	0.0057	mg/kg	0.0022	1.0	4/16/05	1:49	J. Adams	8260B	1949
METALS									
**Lead	9.00	mg/kg	0.98	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.57 g	5.0 ml	4/14/05	12:00	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A53001
Sample ID: S-13
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 12:11
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	77.2	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	9.67	1.0	4/16/05	5:54	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	0.0149	mg/kg	0.0019	1.0	4/16/05	2:08	J. Adams	8260B	1949
**Ethylbenzene	0.0029	mg/kg	0.0019	1.0	4/16/05	2:08	J. Adams	8260B	1949
**Toluene	0.0029	mg/kg	0.0019	1.0	4/16/05	2:08	J. Adams	8260B	1949
**Xylenes (Total)	0.0065	mg/kg	0.0019	1.0	4/16/05	2:08	J. Adams	8260B	1949
**Methyl-t-butyl ether	0.0039	mg/kg	0.0019	1.0	4/16/05	2:08	J. Adams	8260B	1949
METALS									
**Lead	13.0	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.25 g	5.0 ml	4/14/05	12:11	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A53002
Sample ID: S-15
Sample Type: Soil
Site ID: 5-0608

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 12:24
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	96.0	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	10.2	1.0	4/16/05	6:23	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	ND	mg/kg	0.0019	1.0	4/16/05	2:28	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0019	1.0	4/16/05	2:28	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0019	1.0	4/16/05	2:28	J. Adams	8260B	1949
**Xylenes (Total)	ND	mg/kg	0.0019	1.0	4/16/05	2:28	J. Adams	8260B	1949
**Methyl-t-butyl ether	ND	mg/kg	0.0019	1.0	4/16/05	2:28	J. Adams	8260B	1949
METALS									
**Lead	2.76	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.34 g	5.0 ml	3/30/05	12:24	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A53003
Sample ID: S-16
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 12:20
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	97.1	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	9.73	1.0	4/16/05	6:51	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	ND	mg/kg	0.0020	1.0	4/16/05	2:47	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0020	1.0	4/16/05	2:47	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0020	1.0	4/16/05	2:47	J. Adams	8260B	1949
**Xylenes (Total)	0.0037	mg/kg	0.0020	1.0	4/16/05	2:47	J. Adams	8260B	1949
**Methyl-t-butyl ether	ND	mg/kg	0.0020	1.0	4/16/05	2:47	J. Adams	8260B	1949
METALS									
**Lead	1.99	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.09 g	5.0 ml	3/30/05	12:20	N. Noman	5035

Sample report continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608
Page: 1
Laboratory Receipt Date: 4/15/05

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	6.33	10.0	63	52. - 150.	2154	53294
TPH (Diesel Range)	mg/kg	< 10.0	32.5	40.0	81	28. - 143.	1583	blank
2-Methylnapthalene	mg/kg	< 0.066	1.39	1.67	83	30. - 122.	1547	'52493
Naphthalene	mg/kg	< 0.066	1.39	1.67	83	23. - 121.	1547	'52493
Acenaphthene	mg/kg	< 0.066	1.42	1.67	85	41. - 112.	1547	'52493
Anthracene	mg/kg	< 0.066	1.62	1.67	97	47. - 123.	1547	'52493
Fluoranthene	mg/kg	< 0.066	1.58	1.67	95	45. - 126.	1547	'52493
Fluorene	mg/kg	< 0.066	1.48	1.67	89	38. - 121.	1547	'52493
Pyrene	mg/kg	< 0.066	1.55	1.67	93	38. - 141.	1547	'52493
Benzo(a)anthracene	mg/kg	< 0.066	1.62	1.67	97	36. - 138.	1547	'52493
Benzo(a)pyrene	mg/kg	< 0.066	1.65	1.67	99	34. - 138.	1547	'52493
Benzo(b)fluoranthene	mg/kg	< 0.066	1.55	1.67	93	30. - 137.	1547	'52493
Benzo(k)fluoranthene	mg/kg	< 0.066	1.72	1.67	103	28. - 142.	1547	'52493
Chrysene	mg/kg	< 0.066	1.52	1.67	91	33. - 137.	1547	'52493
Dibenzo(a,h)anthracene	mg/kg	< 0.066	1.58	1.67	95	19. - 149.	1547	'52493
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.066	1.55	1.67	93	21. - 146.	1547	'52493
Acenaphthylene	mg/kg	< 0.066	1.55	1.67	93	42. - 116.	1547	'52493
Phenanthrene	mg/kg	< 0.066	1.48	1.67	89	42. - 123.	1547	'52493
VOA PARAMETERS								
Benzene	mg/l	< 0.0010	0.0583	0.0500	117	62 - 146	1338	52471
Benzene	mg/kg	0.0030	0.0416	0.0500	77	53 - 136	1949	50730
Benzene	mg/kg	0.0040	0.0530	0.0500	98	53 - 136	1943	05-A50986
Toluene	mg/l	< 0.0010	0.0625	0.0500	125	68 - 141	1338	52471
Toluene	mg/kg	0.0052	0.0438	0.0500	77	43 - 139	1949	50730
Toluene	mg/kg	0.0054	0.0514	0.0500	92	43 - 139	1943	05-A50986
VOA Surr, 1,2-DCAd4	% Rec				86	72 - 125	1949	

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608
Page: 3
Laboratory Receipt Date: 4/15/05

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Fluoranthene	mg/kg	1.58	1.68	6.13	33.	1547
Fluorene	mg/kg	1.48	1.58	6.54	30.	1547
Pyrene	mg/kg	1.55	1.62	4.42	33.	1547
Benzo(a)anthracene	mg/kg	1.62	1.72	5.99	31.	1547
Benzo(a)pyrene	mg/kg	1.65	1.75	5.88	31.	1547
Benzo(b)fluoranthene	mg/kg	1.55	1.65	6.25	40.	1547
Benzo(k)fluoranthene	mg/kg	1.72	1.72	0.00	33.	1547
Chrysene	mg/kg	1.52	1.58	3.87	31.	1547
Dibenzo(a,h)anthracene	mg/kg	1.58	1.68	6.13	34.	1547
Indeno(1,2,3-cd)pyrene	mg/kg	1.55	1.65	6.25	34.	1547
Acenaphthylene	mg/kg	1.55	1.58	1.92	30.	1547
Phenanthrene	mg/kg	1.48	1.55	4.62	33.	1547
2-Methylnapthalene	mg/kg	1.39	1.52	8.93	41.	1547
VOA PARAMETERS						
Benzene	mg/l	0.0583	0.0563	3.49	25.	1338
Benzene	mg/kg	0.0416	0.0460	10.05	34.	1949
Benzene	mg/kg	0.0530	0.0410	25.53	34.	1943
Toluene	mg/l	0.0625	0.0580	7.47	29.	1338
Toluene	mg/kg	0.0438	0.0485	10.18	39.	1949
Toluene	mg/kg	0.0514	0.0396	25.93	39.	1943
VOA Surr 1,2-DCA-d4	% Rec		94.			1338
VOA Surr, 1,2-DCAd4	% Rec		79.			1949
VOA Surr, 1,2-DCAd4	% Rec		76.			1943
VOA Surr Toluene-d8	% Rec		101.			1338
VOA Surr Toluene-d8	% Rec		96.			1949
VOA Surr Toluene-d8	% Rec		92.			1943
VOA Surr, 4-BFB	% Rec		105.			1338
VOA Surr, 4-BFB	% Rec		104.			1949
VOA Surr, 4-BFB	% Rec		92.			1943
VOA Surr, DBFM	% Rec		97.			1338
VOA Surr, DBFM	% Rec		85.			1949

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608
Page: 5
Laboratory Receipt Date: 4/15/05

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Benzo(a)pyrene	mg/kg	1.67	1.95	117	39 - 138	1547
Benzo(b)fluoranthene	mg/kg	1.67	1.68	101	34 - 136	1547
Benzo(k)fluoranthene	mg/kg	1.67	1.98	119	32 - 142	1547
Chrysene	mg/kg	1.67	1.72	103	38 - 135	1547
Dibenzo(a,h)anthracene	mg/kg	1.67	1.82	109	25 - 149	1547
Indeno(1,2,3-cd)pyrene	mg/kg	1.67	1.82	109	25 - 146	1547
Acenaphthylene	mg/kg	1.67	1.85	111	54 - 111	1547
Phenanthrene	mg/kg	1.67	1.72	103	55 - 115	1547
VOA PARAMETERS						
Benzene	mg/l	0.0500	0.0546	109	76 - 127	1338
Benzene	mg/kg	0.0500	0.0529	106	76 - 124	1943
Benzene	mg/kg	0.0500	0.0439	88	76 - 124	1949
Ethylbenzene	mg/l	0.0500	0.0576	115	80 - 124	1338
Ethylbenzene	mg/kg	0.0500	0.0535	107	70 - 128	1943
Ethylbenzene	mg/kg	0.0500	0.0496	99	70 - 128	1949
Toluene	mg/l	0.0500	0.0551	110	79 - 124	1338
Toluene	mg/kg	0.0500	0.0524	105	72 - 125	1943
Toluene	mg/kg	0.0500	0.0480	96	72 - 125	1949
Xylenes (Total)	mg/l	0.150	0.174	116	80 - 125	1338
Xylenes (Total)	mg/kg	0.150	0.162	108	71 - 129	1943
Xylenes (Total)	mg/kg	0.150	0.148	99	71 - 129	1949
Methyl-t-butyl ether	mg/l	0.0500	0.0529	106	66 - 136	1338
Methyl-t-butyl ether	mg/kg	0.0500	0.0500	100	67 - 138	1943
Methyl-t-butyl ether	mg/kg	0.0500	0.0404	81	67 - 138	1949
VOA Surr 1,2-DCA-d4	% Rec			93	70 - 130	1338
VOA Surr, 1,2-DCAd4	% Rec			85	72 - 125	1943
VOA Surr, 1,2-DCAd4	% Rec			67	72 - 125	1949
VOA Surr Toluene-d8	% Rec			102	78 - 121	1338
VOA Surr Toluene-d8	% Rec			93	80 - 124	1943
VOA Surr Toluene-d8	% Rec			93	80 - 124	1949
VOA Surr, 4-BFB	% Rec			101	78 - 126	1338

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608
Page: 7
Laboratory Receipt Date: 4/15/05

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
TPH (Gasoline Range)	< 0.52	mg/kg	675	4/16/05	0:41
TPH (Gasoline Range)	< 0.52	mg/kg	2154	4/16/05	12:26
TPH (Diesel Range)	< 10.0	mg/kg	1583	4/16/05	21:25
Naphthalene	< 0.066	mg/kg	1547	4/17/05	4:22
Acenaphthene	< 0.066	mg/kg	1547	4/17/05	4:22
Anthracene	< 0.066	mg/kg	1547	4/17/05	4:22
Fluoranthene	< 0.066	mg/kg	1547	4/17/05	4:22
Fluorene	< 0.066	mg/kg	1547	4/17/05	4:22
Pyrene	< 0.066	mg/kg	1547	4/17/05	4:22
Benzo(a)anthracene	< 0.066	mg/kg	1547	4/17/05	4:22
Benzo(a)pyrene	< 0.066	mg/kg	1547	4/17/05	4:22
Benzo(b)fluoranthene	< 0.066	mg/kg	1547	4/17/05	4:22
Benzo(k)fluoranthene	< 0.066	mg/kg	1547	4/17/05	4:22
Chrysene	< 0.066	mg/kg	1547	4/17/05	4:22
Dibenzo(a,h)anthracene	< 0.066	mg/kg	1547	4/17/05	4:22
Indeno(1,2,3-cd)pyrene	< 0.066	mg/kg	1547	4/17/05	4:22
Acenaphthylene	< 0.066	mg/kg	1547	4/17/05	4:22
Phenanthrene	< 0.066	mg/kg	1547	4/17/05	4:22
2-Methylnapthalene	< 0.066	mg/kg	1547	4/17/05	4:22
UST surr-Trifluorotoluene	69.	% Recovery	675	4/16/05	0:41
UST surr-Trifluorotoluene	78.	% Recovery	2154	4/16/05	12:26
EPH surr-o-Terphenyl	97.	% Recovery	1583	4/16/05	21:25
VOA PARAMETERS					
Benzene	< 0.0003	mg/l	1338	4/15/05	16:33
Benzene	< 0.0008	mg/kg	1943	4/15/05	9:45
Benzene	< 0.0008	mg/kg	1949	4/15/05	23:13
Ethylbenzene	< 0.0002	mg/l	1338	4/15/05	16:33
Ethylbenzene	< 0.0005	mg/kg	1943	4/15/05	9:45
Ethylbenzene	< 0.0005	mg/kg	1949	4/15/05	23:13
Toluene	< 0.0002	mg/l	1338	4/15/05	16:33
Toluene	< 0.0005	mg/kg	1943	4/15/05	9:45

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608
Page: 9
Laboratory Receipt Date: 4/15/05

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 412801

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

CHAIN OF CUSTODY RECORD
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10375

ExxonMobil

412801

Consultant Name: CRA
Address: 4915 S. Sherwood Forest Blvd.
City/State/Zip: Baton Rouge, LA
Phone Number: (225) 292-9007 / fax (225) 292-3614
ExxonMobil Project Mgr: Dale Gomm

Consultant Project Number: 25881-02
Report To: Seth Domangue, CRA
Invoice To: ExxonMobil
Account #:
P.O. #: 4506101878
Facility ID # Former Exxon 5-0608
Site Address 4555 Essen Lane
City, State Zip Baton Rouge, Louisiana

Sampler Name: (Print) Cliff D. Corder
Sampler Signature:

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)	Methonol/Sodium Bisulfate	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: BTEX/MTBE 8260B	LEAD 6010B	TPH-GRO (C6-C10) 8015B	RCRA Metals 6000/7000	TPH-ORO 8015B	TPH-DRO(C10-C28) 8015B	PAHs 8270C	Hold for possible SPLP					RUSH TAT (Pre-Schedule)	TAT request (4 Bus. Days)	STD TAT	Fax Results
S-1 52992	04/14/05	0940	7	x			x							x					x		x	x	x					x					x		x
S-2 93	04/14/05	0949	7	x			x							x					x		x	x	x					x					x		x
S-3 94	04/14/05	1000	7	x			x							x					x		x	x	x					x					x		x
S-4 52988	04/14/05	1006	7	x			x							x					x					x		x	x	x					x		x
S-5 95	04/14/05	1011	7	x			x							x					x		x	x	x					x					x		x
S-6 96	04/14/05	1030	7	x			x							x					x		x	x	x					x					x		x
S-7 97	04/14/05	1040	7	x			x							x					x		x	x	x					x					x		x
S-8 98	04/14/05	1050	7	x			x							x					x		x	x	x					x					x		x
S-9 52989	04/14/05	1100	7	x			x							x					x					x		x	x	x					x		x
S-10 ↓90	04/14/05	1104	7	x			x							x					x					x		x	x	x					x		x
S-11 99	04/14/05	1140	7	x			x							x					x		x	x	x					x					x		x
S-12 53000	04/14/05	1200	7	x			x							x					x		x	x	x					x					x		x
S-13 ↓01	04/14/05	1211	7	x			x							x					x		x	x	x					x					x		x
S-14 52991	04/14/05	1114	7	x			x							x					x					x		x	x	x					x		x

Special Instructions:

FedEx No. 845417652957 845417652968

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

Relinquished by:	Date	Time	Received by:	Date	Time
	04/14/05	1420	Fed Ex Courier		
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				4/15/05	7:45

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4/18/05

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

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

Project Name: EXXONMOBIL 5-0608
Project Number: 25881-02.
Laboratory Project Number: 412801.

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 accreditation.

Sample Identification	Lab Number	Collection Date
Trip Blank	05-A52986	
Trip Blank	05-A52987	
S-4	05-A52988	4/14/05
S-9	05-A52989	4/14/05
S-10	05-A52990	4/14/05
S-14	05-A52991	4/14/05
S-1	05-A52992	4/14/05
S-2	05-A52993	4/14/05
S-3	05-A52994	4/14/05
S-5	05-A52995	4/14/05
S-6	05-A52996	4/14/05
S-7	05-A52997	4/14/05
S-8	05-A52998	4/14/05
S-11	05-A52999	4/14/05
S-12	05-A53000	4/14/05
S-13	05-A53001	4/14/05

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Lab Number: 05-A55007
Sample ID: S-2
Sample Type: Solid waste
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 9:49
Date Received: 4/19/05
Time Received: 7:45
Page: 1

Purchase Order: !

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
**Benzene	0.00210	mg/l	0.00100	0.00100	1	4/24/05	10:30	F.Gundi	8021B	8078
**Methyl-t-butylether	0.0007	mg/l	0.0010	0.0010	1	4/24/05	10:30	F.Gundi	8021B	8078
**TPH (Gasoline Range)	3.99	mg/l	0.100	0.100	1	4/24/05	10:30	F.Gundi	8015B	8078

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
SPLP Extraction			4/20/05		B.Minor	1312

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	99.	63. - 134.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A55007
Sample ID: S-2
Project: 25881-02

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
ANALYTICAL TESTING CORPORATION

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

ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Lab Number: 05-A55008
Sample ID: S-7
Sample Type: Solid waste
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 10:40
Date Received: 4/19/05
Time Received: 7:45
Page: 1

Purchase Order: !

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
**Benzene	ND	mg/l	0.00100	0.00100	1	4/23/05	17:43	F.Gundi	8021B	4216
**Methyl-t-butylether	ND	mg/l	0.0010	0.0010	1	4/23/05	17:43	F.Gundi	8021B	4216

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
SPLP Extraction			4/20/05		B.Minor	1312

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	95.	63. - 134.

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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

ANALYTICAL REPORT

Laboratory Number: 05-A55008
Sample ID: S-7
Project: 25881-02

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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

PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608
Page: 1
Laboratory Receipt Date: 4/19/05

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								
Benzene	mg/l	< 0.00019	0.0418	0.0500	84	50. - 160.	4216	blank
Methyl-t-butylether	mg/l	< 0.0002	0.0409	0.0500	82	36. - 159.	4216	blank
BTEX/GRO Surr., a,a,a-TFT	% Recovery				98	63 - 134	4216	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0418	0.0462	10.00	30.	4216
Methyl-t-butylether	mg/l	0.0409	0.0441	7.53	34.	4216
BTEX/GRO Surr., a,a,a-TFT	% Recovery		97.			4216

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.0907	91	72 - 118	4216
Benzene	mg/l	0.100	0.0907	91	72 - 118	8078

Project QC continued . . .

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

PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608
Page: 2
Laboratory Receipt Date: 4/19/05

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Methyl-t-butylether	mg/l	0.100	0.0866	87	57 - 127	4216
Methyl-t-butylether	mg/l	0.100	0.0834	83	57 - 127	8078
TPH (Gasoline Range)	mg/l	1.00	0.967	97	64 - 130	8078
BTEX/GRO Surr., a,a,a-TFT	% Recovery			98	63 - 134	4216
BTEX/GRO Surr., a,a,a-TFT	% Recovery			99	63 - 134	8078

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					
Benzene	< 0.00019	mg/l	4216	4/23/05	17:19
Benzene	< 0.00019	mg/l	8078	4/24/05	4:40
Methyl-t-butylether	< 0.0002	mg/l	4216	4/23/05	17:19
Methyl-t-butylether	< 0.0002	mg/l	8078	4/24/05	4:40
TPH (Gasoline Range)	< 0.0550	mg/l	8078	4/24/05	4:40

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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

PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608
Page: 3
Laboratory Receipt Date: 4/19/05

BTEX/GRO Surr., a,a,a-TFT	94.	% Recovery	4216	4/23/05	17:19
BTEX/GRO Surr., a,a,a-TFT	96.	% Recovery	8078	4/24/05	4:40

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 413252

Sample Range: 52986-53003
Analyst: 197

Process: Add Compounds (not requested on COC)
Action: Corrected action not chosen

Comments: Per an email from Seth Domangue:Please run the following samples for SPLP benzene and SPLP MTBE:

S-2 52993 SOIL 4V 3-20Z
S-7 52997 SOIL 4V - 3:20Z

In addition, please run sample S-2 for SPLP TPH-GRO

Please attach this email to the signed lab report to serve as authorization for the above referenced analyses. Call with questions.

Thanks in advance,

Seth Domangue

SCOTT OR THOMAS, COULD YOU FIND THESE AND GIVE THEM TO SHANE.

THANKS
SHANNON

N212
N207

TestAmerica
INCORPORATED

Sample NonConformance/COC Revision Form

Initiated by:	sduncan	**Phone:**	225-292-9007	**NC Closed**	☐
Client Name:	CONESTOGA RO	**Sample Range:**	52986-53003	**Date Closed**	
Client Contact:		**SDG:**	412801		
Client Account:	10318	**Analyst:**	197		
Date Created:	4/19/2005	**Supervisor:**	Mark Hollingsworth		
NC #:		**NC Type:**			
Project Name:		**Terminal Manager:**	DALE GOMM		
Project Number:					
Project Origin					
Regulatory :					

Process: Add Compounds (not requested on COC) **Corrected By:** Shane Gambill

Action: Corrected action not chosen **Closed:** ☐

Comments: Per an email from Seth Domangue:Please run the following samples for SPLP benzene and SPLP MTBE:

S-2
S-7

In addition, please run sample S-2 for SPLP TPH-GRO

Please attach this email to the signed lab report to serve as authorization for the above referenced analyses. Call with questions.

Thanks in advance,

Seth Domangue

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville Division

COOLER RECEIPT FORM

BC# 413252

Client Name: CRA

Cooler Received/Opened On: 4/15/05 Accessioned By: Shana Gambill

Log-In Personnel Signature

1. Temperature of Cooler when triaged: 2.0 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...NO...NA
   a. If yes, how many, and where: 1 Front
3. Were custody seals on containers?..... 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. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

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

19. If a Non-Conformance exists, see attached or comments below:

2957/2968

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

CHAIN OF CUSTODY RECORD
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

412801 4/14/05

413252

Consultant Name: CRA
Address: 4915 S. Sherwood Forest Blvd.
City/State/Zip: Baton Rouge, LA
Phone Number: (225) 292-9007 / fax (225) 292-3614
ExxonMobil Project Mgr: Dale Gomm

Consultant Project Number: 25881-02
Report To: Seth Domangue, CRA
Invoice To: ExxonMobil
Account #:
P.O. #: 4506101878
Facility ID #: Former Exxon 5-0608
Site Address: 4555 Essen Lane
City, State Zip: Baton Rouge, Louisiana

Sampler Name: (Print) Cliff D. Corder
Sampler Signature:

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)	Methanol/Sodium Bisulfate	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: BTEX/MTBE 8260B	LEAD 6010B	TPH-GRO (C6-C10) 8015B	RCRA Metals 6000/7000	TPH-ORO 8015B	TPH-DRO(C10-C28) 8015B	PAHs 8270C	Hold for possible SPLP					RUSH TAT (Pre-Schedule)	TAT request (4 Bus. Days)	STD TAT	Fax Results
S-1 52992	04/14/05	0940	7	x			x							x					x		x	x	x					x					x		x
S-2 55007 93	04/14/05	0949	7	x			x							x					x		x	x	x					x					x		x
S-3 99	04/14/05	1000	7	x			x							x					x		x	x	x					x					x		x
S-4 52988	04/14/05	1006	7	x			x							x					x					x		x	x	x					x		x
S-5 95	04/14/05	1011	7	x			x							x					x		x	x	x					x					x		x
S-6 96	04/14/05	1030	7	x			x							x					x		x	x	x					x					x		x
S-7 55005 97	04/14/05	1040	7	x			x							x					x		x	x	x					x					x		x
S-8 95	04/14/05	1050	7	x			x							x					x		x	x	x					x					x		x
S-9 52959	04/14/05	1100	7	x			x							x					x					x		x	x	x					x		x
S-10 96	04/14/05	1104	7	x			x							x					x					x		x	x	x					x		x
S-11 94	04/14/05	1140	7	x			x							x					x		x	x	x					x					x		x
S-12 53000	04/14/05	1200	7	x			x							x					x		x	x	x					x					x		x
S-13 101	04/14/05	1211	7	x			x							x					x		x	x	x					x					x		x
S-14 52994	04/14/05	1114	7	x			x							x					x					x		x	x	x					x		x

Special Instructions:

FedEx No. 845417652957 845417652968

Relinquished by:	Date	Time	Received by:	Date	Time
	04/14/05	1420	Fed Ex Courier		
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				4/15/05	9:45

Laboratory Comments:
Temperature Upon Receipt: 2.0
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

TestAmerica
ANALYTICAL TESTING CORPORATION

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

4/25/05

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

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

Project Name: EXXONMOBIL 5-0608
Project Number: 25881-02.
Laboratory Project Number: 413252.

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 accreditation.

Sample Identification	Lab Number	Collection Date
S-2	05-A55007	4/14/05
S-7	05-A55008	4/14/05

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Sample Identification	Lab Number	Collection Date

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

Report Approved By: Pamela A. Langford Report Date: 4/25/05

Johnny A. Mitchell, Laboratory Director
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Senior Project Manager
Eric S. Smith, QA/QC Director
Sandra McMillin, Technical Services
Gail A. Lage, Senior Project Manager
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Senior Project Manag

Laboratory Certification Number: 01945

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

APPENDIX E

TRANSPORTATION/RECEIVING MANIFEST FORM (WATER)

A Siemens Business
US FILTER RECOVERY SERVICES (MID-ATLANTIC), INC.
14950 Heathrow Forest Pkwy, 250, Houston, TX 77032

1-800-523-9071

REQUESTED BY USF DRIVER
04-12-05 TCD

NUMBER 12925

PAGE 1 OF

CUSTOMER CONTACT
UNKNOWN CONTACT

Bill Eddon Mob. 1
PO# 1106101879

CALL TYPE: SD
PROBLEM CODE:
ORD ORIG: CC

PHONE NUMBER
000-000-0000

PRIORITY

SITE NUMBER NAME AND ADDRESS
28526202
EXXON
4555 ESSEN LANE

CALL WAS TAKEN ON 04-12 AT 1013 BY DOMI

P.O. NUMBER
NEEDED

ROUTE

ASSIGNED TECH
207010 KENDRICK SNEARL

PROBLEM SYNOPSIS, AS REPORTED
BATON ROUGE LA 00000-0000 FUEL / WATER PUMPOUT

M/A NUMBER
MA0073780

PROMISE DATE, TIME
04-12-05

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ST	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMPLE
963282	10589	289229					1200			YES N

PART / DESCRIPTION	U/M	QUANTITY	HM	SHIPPING DESCRIPTION	SERIAL # GLYCOL	SERIAL # pH	# CONT BRIX	# CONT SNIFFER	TYPE C-D-T
M-TRANS TRANSPORTATION FEE BB/	LA	1							
COL-FUELWFGA FUEL WATER FLAMMABLE GA BB/	GA	6250	X	Flammable Liquids n.o.s., (Gasoline/water mixture),3, UN1993, PGII					

Reuse Qualification Statement
By signing this document, I hereby certify that I understand the used US Filter degreasing fluid (i.e. Mineral spirits, petroleum naphtha) returned to US Filter for inclusion in the US Filter Reuse Program will be utilized as an effective substitute for chemical product. For the purpose of qualifying to participate in the Program, I further certify that any used degreasing fluid so returned to US Filter has not been mixed with hazardous waste or other objectionable substances. All constituents that may be present in the degreasing fluid are contaminants resulting from, and incidental to, normal use of the solvent as a degreaser or cleaner. I have reviewed our physical facilities, administrative practices, and operational procedures and based on this review do willing make this true, accurate and complete certification.

Reuse Solvent QA & QC

Yes	No		Yes	No	
☐	☐	Used solvent passed visual inspection	☐	☐	Light assembly is in good working order
☐	☐	Used solvent has no unusual odor	☐	☐	Lid is unobstructed
☐	☐	Parts Cleaner is clean (front/back)	☐	☐	Parts Cleaner is properly grounded
☐	☐	Fusible link operational			

Rep Initials _____

Authorization Signature
I agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above and on the reverse side of this document.

[illegible] 04/12/05

PRINT CUSTOMER NAME / CUSTOMER SIGNATURE / DATE

_____ Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
_____ Initial if Do-it-yourself collection center

Generator EPA ID# UNKNOWN STATU

The GENERATOR hereby certifies that the material collected from the GENERATOR'S facility by US Filter does not contain any PCB's as defined in CFR 761 and is not hazardous waste or been mixed with a listed or characteristic hazardous waste as defined in 40 CFR 261. If the material collecte a used oil as defined in 40 CFR part 279, the GENERATOR certifies that the total halogen content is less than 1,000 ppm, or the GENERATOR her certifies that the rebuttable waste presumption under 40 CFR Part 279 has been rebutted. The GENERATOR will be responsible for any and all c including, but not limited to, proper disposal, testing, and transportation if the material contains PCB's or is determined to be a hazardous waste. I ce that to the best of my knowledge, the information presented herein is correct and accurate, and I am authorized to sign on behalf of the GENERAT

Shipping Declaration:
This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition fo transportation according to the applicable regulations of the Department of Transportation.

Transporter Information:
US Filter Transport, Inc.
1657 Commerce Dr., Suite 10B
South Bend, IN 46628
US DOT ID#: 828559
EPA ID#: INR000022798
EMERGENCY CONTACT CHEMTREC (800) 424-9300

Designated Facility
14890 Intracoastal Drive
New Orleans, LA 70129
(800) 523-9071
EPA ID#: LAD092096106

Kendrick S 4-12-05

DRIVER SIGNATURE / DATE

RECEIVED AT PLANT / DATE

CUSTOMER

289272

LF 070 Rev. E

A Siemens Business

US FILTER RECOVERY SERVICES (MID-ATLANTIC), INC.
14950 Heathrow Forest Pkwy, 250, Houston, TX 77032
1-800-523-9071

MEET CRA @ 8:00 A.M. REQUESTED
BY JEFF BURNETT 04-11-05
TCD

Bill. Exxon Mobil PO# 4106101879

NUMBER 17

PAGE 1 OF

CALL TYPE SD | PROBLEM CODE | ORD ORIG

CUSTOMER CONTACT UNKNOWN CONTACT

PHONE NUMBER 000-000-0000

SITE NUMBER NAME AND ADDRESS
[illegible]
EXXON
4555 ESSEN LANE

PRIORITY

CALL WAS TAKEN ON 04-11 AT 1745 BY DOMI

P.O. NUMBER NEEDED

ROUTE

ASSIGNED TECH 286003 MYRICH COOPER

BATON ROUGE LA 00000-0000

PROBLEM SYNOPSIS, AS REPORTED FORGE FUEL LINE

M/A NUMBER MA0073780

PROMISE DATE, TIME 04-11-05

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ST	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMPL
307017			50	20	1.00	4-12-05	0800	4-13-05	0900	YES

PART / DESCRIPTION	U/M	QUANTITY	HM	SHIPPING DESCRIPTION	SERIAL # GLYCOL	pH	# CONT BRIX	SNIFFER	TYPE C-D-
COL FUELWFGA	GA		1	X Flammable Liquids n.o.s., (Gasoline/wa					
FUEL WATER FLAMMABLE GA BB/		2575		er mixture),3, UN1993, PGII					

Reuse Qualification Statement
By signing this document, I hereby certify that I understand the used US Filter degreasing fluid (i.e. Mineral spirits, petroleum naphtha) returned to US Filter for inclusion in the US Filter Reuse Program will be utilized as an effective substitute for chemical product. For the purpose of qualifying to participate in the Program, I further certify that any used degreasing fluid so returned to *US Filter has not been mixed with hazardous waste or other objectionable substances.* All constituents that may be present in the degreasing fluid are contaminants resulting from, and incidental to, normal use of the solvent as a degreaser or cleaner. I have reviewed our physical facilities, administrative practices, and operational procedures and based on this review do willing make this true, accurate and complete certification.

Reuse Solvent QA & QC

Yes	No		Yes	No	
☐	☐	Used solvent passed visual inspection	☐	☐	Light assembly is in good working order
☐	☐	Used solvent has no unusual odor	☐	☐	Lid is unobstructed
☐	☐	Parts Cleaner is clean (front/back)	☐	☐	Parts Cleaner is properly grounded
☐	☐	Fusible link operational			

Rep Initials _____

Authorization Signature
I agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above and on the reverse side of this document.

Cliff Corder, CRA. Exxon Mobil — PRINT CUSTOMER NAME

[signature] 04/12/05 — CUSTOMER SIGNATURE / DATE

_____ Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
_____ Initial if Do-It-yourself collection center

Generator UNKNOWN, S
EPA ID# _____

The GENERATOR hereby certifies that the material collected from the GENERATOR'S facility by US Filter does not contain any PCB's as define CFR 761 and is not hazardous waste or been mixed with a listed or characteristic hazardous waste as defined in 40 CFR 261. If the material colle a used oil as defined in 40 CFR part 279, the GENERATOR certifies that the total halogen content is less than 1,000 ppm, or the GENERATOR certifies that the rebuttable waste presumption under 40 CFR Part 279 has been rebutted. The GENERATOR will be responsible for any and a including, but not limited to, proper disposal, testing, and transportation if the material contains PCB's or is determined to be a hazardous waste. that to the best of my knowledge, the information presented herein is correct and accurate, and I am authorized to sign on behalf of the GENER

Shipping Declaration:
This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper conditio transportation according to the applicable regulations of the Department of Transportation.

Transporter Information:
US Filter Transport, Inc.
1657 Commerce Dr., Suite 10B
South Bend, IN 46628
US DOT ID#: 828559
EPA ID#: INR000022798
EMERGENCY CONTACT CHEMTREC (800) 424-9300

Designated Facility
1122 U.S. Hwy 190 West
Port Allen, LA 70767
(225) 379-3332
EPA ID#: LAR000002030

[signature] 4-12-05 — DRIVER SIGNATURE / DATE

RECEIVED AT PLANT / DATE

252623

CUSTOMER

LF 070 Re

USFilter A Siemens Business

US FILTER RECOVERY SERVICES (MID-ATLANTIC), INC.
14950 Heathrow Forest Pkwy, 250, Houston, TX 77032

60 - D A Y A L E R T !!!

LJW 4-11-05

Bill Exxon Mobil
P.O. #4506101879

NUMBER 12917

PAGE 1 OF

CALL TYPE: SD
PROBLEM CODE:
ORD ORIG: CC

PRIORITY

1-800-523-9071
CUSTOMER CONTACT
UNKNOWN CONTACT
PHONE NUMBER
000-000-0000
SITE NUMBER NAME AND ADDRESS
28526202
EXXON
4555 ESSEN LANE

CALL WAS TAKEN ON 04-11 AT 1340 BY LORI

P.O. NUMBER NEEDED

ROUTE

ASSIGNED TECH 287010 KENDRICK SNEARL

PROBLEM SYNOPSIS, AS REPORTED

BATON ROUGE LA 00000-0000 PUMP GROUND WATER

M/A NUMBER MA0073780

PROMISE DATE, TIME 04-11-05

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ST	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMPL
963282	10589	289229				4-11-05	1630			YES

PART / DESCRIPTION	U/M	QUANTITY	HM	SHIPPING DESCRIPTION	SERIAL # GLYCOL	SERIAL # pH	# CONT BRIX	# CONT SNIFFER	TYPE C-D
M TRANS TRANSPORTATION FEE BB/	EA	1							
COL-FUELWFGA FUEL WATER FLAMMABLE GA BB/	GA	6250	X	Flammable Liquids n.o.s., (Gasoline/water mixture), 3, UN1993, PGII					

Reuse Qualification Statement

By signing this document, I hereby certify that I understand the used US Filter degreasing fluid (i.e. Mineral spirits, petroleum naphtha) returned to US Filter for inclusion in the US Filter Reuse Program will be utilized as an effective substitute for chemical product. For the purpose of qualifying to participate in the Program, I further certify that any used degreasing fluid so returned to US Filter has not been mixed with hazardous waste or other objectionable substances. All constituents that may be present in the degreasing fluid are contaminants resulting from, and incidental to, normal use of the solvent as a degreaser or cleaner. I have reviewed our physical facilities, administrative practices, and operational procedures and based on this review do willing make this true, accurate and complete certification.

Reuse Solvent QA & QC

Yes No
- ☐ ☐ Used solvent passed visual inspection
- ☐ ☐ Used solvent has no unusual odor
- ☐ ☐ Parts Cleaner is clean (front/back)
- ☐ ☐ Fusible link operational

Yes No — Rep Initials _____
- ☐ ☐ Light assembly is in good working order
- ☐ ☐ Lid is unobstructed
- ☐ ☐ Parts Cleaner is properly grounded

Authorization Signature

I agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above and on the reverse side of this document.

Chris Carter, CRA ON BEHALF of Exxon Mobil — 04/11/05

PRINT CUSTOMER NAME — CUSTOMER SIGNATURE / DATE

CUSTOMER

_____ Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
_____ Initial if Do-it-yourself collection center

Generator EPA ID# UNKNOWN STA

The GENERATOR hereby certifies that the material collected from the GENERATOR'S facility by US Filter does not contain any PCB's as defin CFR 761 and is not hazardous waste or been mixed with a listed or characteristic hazardous waste as defined in 40 CFR 261. If the material coll a used oil as defined in 40 CFR part 279, the GENERATOR certifies that the total halogen content is less than 1,000 ppm, or the GENERATOF certifies that the rebuttable waste presumption under 40 CFR Part 279 has been rebutted. The GENERATOR will be responsible for any and including, but not limited to, proper disposal, testing, and transportation if the material contains PCB's or is determined to be a hazardous waste. that to the best of my knowledge, the information presented herein is correct and accurate, and I am authorized to sign on behalf of the GENEI

Shipping Declaration:

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper conditi transportation according to the applicable regulations of the Department of Transportation.

Transporter Information:
US Filter Transport, Inc.
1657 Commerce Dr., Suite 10B
South Bend, IN 46628
US DOT ID#: 828559
EPA ID#: INR000022798
EMERGENCY CONTACT CHEMTREC (800) 424-9300

Designated Facility
14890 Intracoastal Drive
New Orleans, LA 70129
(800) 523-9071
EPA ID#: LAD092096106

Kendrick Snearl 4-11-05

DRIVER SIGNATURE / DATE — RECEIVED AT PLANT / DATE

LF 070 F

289212

USFilter
A Siemens Business
US FILTER RECOVERY SERVICES (MID-ATLANTIC), INC.
14950 Heathrow Forest Pkwy, 250, Houston, TX 77032

[illegible]

CUSTOMER CONTACT
[illegible]

PHONE NUMBER
[illegible]

SITE NUMBER NAME AND ADDRESS
[illegible]

NUMBER [illegible]

PAGE 1 OF

CALL TYPE	PROBLEM CODE	ORIG
CD		[illegible]

PRIORITY

CALL WAS TAKEN ON [illegible] AT [illegible] BY [illegible]

P.O. NUMBER
[illegible]

ROUTE

ASSIGNED TECH
[illegible]

PROBLEM SYNOPSIS, AS REPORTED
BATON ROUGE [illegible] 00000 0000 [illegible] WATER [illegible]

M/A NUMBER
[illegible]

PROMISE DATE, TIME
04-12-05

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ST	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMPLE
307220	999135	289226			2.75	4-12-05	12:00	4-12-05		YES

PART / DESCRIPTION	U/M	QUANTITY	HM	SHIPPING DESCRIPTION	SERIAL # GLYCOL	SERIAL # pH	# CONT BRIX	# CONT SNIFFER	TYPE C-D-
[illegible] TRANS TRANSPORTATION [illegible]	[illegible]	1							
[illegible] FUEL [illegible] FUEL WATER [illegible]	[illegible]	5111		[illegible]					

Reuse Qualification Statement
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Reuse Solvent QA & QC

Yes	No		Yes	No	Rep Initials
		Used solvent passed visual inspection			Light assembly is in good working order
		Used solvent has no unusual odor			Lid is unobstructed
		Parts Cleaner is clean (front/back)			Parts Cleaner is properly grounded
		Fusible link operational			

Authorization Signature
I agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above and on the reverse side of this document.

PRINT CUSTOMER NAME | CUSTOMER SIGNATURE | DATE

289271

CUSTOMER
[illegible]

____ Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
____ Initial if Do-it-yourself collection center

Generator
EPA ID# [illegible]

The GENERATOR hereby certifies that the material collected from the GENERATOR'S facility by US Filter does not contain any PCB's as define CFR 761 and is not hazardous waste or been mixed with a listed or characteristic hazardous waste as defined in 40 CFR 261. If the material coll a used oil as defined in 40 CFR part 279, the GENERATOR certifies that the total halogen content is less than 1,000 ppm, or the GENERATOR certifies that the rebuttable waste presumption under 40 CFR Part 279 has been rebutted. The GENERATOR will be responsible for any and a including, but not limited to, proper disposal, testing, and transportation if the material contains PCB's or is determined to be a hazardous waste. that to the best of my knowledge, the information presented herein is correct and accurate, and I am authorized to sign on behalf of the GENER

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Transporter Information:
US Filter Transport, Inc.
1667 Commerce Dr., Suite 10B
South Bend, IN 46628
US DOT ID#: 828559
EPA ID#: NR000022798

Designated Facility
14890 Intracoastal Drive
New Orleans, LA 70129
(800) 523-9071
EPA ID#: LAD092096106

EMERGENCY CONTACT CHEMTREC (800) 424-9300

[illegible] 4-12-05
DRIVER SIGNATURE | DATE | RECEIVED AT PLANT | DATE

LF 070 R

A S[redacted]ns B[redacted]s

US FILTER RECOVERY SERVICES (MID-ATLANTIC), INC.
14950 Heathrow Forest Pkwy, 250, Houston, TX 77032

NUMBER

CUSTOMER CONTACT

Bill: Exxon Mobil
PO# 4106101879

PAGE OF

PHONE NUMBER

CALL TYPE | PROBLEM CODE | ORIG

SITE NUMBER NAME AND ADDRESS

285 26702
Exxon Mobil
4[illegible] Farm Lane
Baton Rouge

PRIORITY

CALL WAS TAKEN ON AT BY

P.O. NUMBER 4106101879

ROUTE

ASSIGNED TECH 28603

PROBLEM SYNOPSIS, AS REPORTED

Tank Pull

M/A NUMBER

PROMISE DATE, TIME

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ST	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMP
3-121		28/203	[illegible]	37		4-13-03	0875	4-13-03		YES

PART / DESCRIPTION	U/M	QUANTITY	HM	SHIPPING DESCRIPTION	SERIAL # GLYCOL	SERIAL # pH	# CONT BRIX	# CONT SNIFFER	TYPE C-D
GOLFUEL WFGA	GAL	2336	X	Flammable Liquid, nos (Gasoline/Water					
				Mixture, 3, UN1993 PG-II					
PS Degreaser	GAL	5							
M-Trans	HCO								

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Reuse Solvent QA & QC

Yes No
- ☐ ☐ Used solvent passed visual inspection
- ☐ ☐ Used solvent has no unusual odor
- ☐ ☐ Parts Cleaner is clean (front/back)
- ☐ ☐ Fusible link operational

Yes No — Rep Initials _____
- ☐ ☐ Light assembly is in good working order
- ☐ ☐ Lid is unobstructed
- ☐ ☐ Parts Cleaner is properly grounded

Authorization Signature

I agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above and on the reverse side of this document.

Clifford Cooper, CRA / Exxon Mobil — [signature] 8/4/03

PRINT CUSTOMER NAME — CUSTOMER SIGNATURE / DATE

_____ Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
_____ Initial if Do-it-yourself collection center

Generator
EPA ID#

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1657 Commerce Dr., Suite 10B
South Bend, IN 46628
US DOT ID#: 828559
EPA ID#: INR000022798
EMERGENCY CONTACT CHEMTREC (800) 424-9300

Designated Facility
1122 U.S. Hwy 190 West
Port Allen, LA 70767
(225) 379-3332
EPA ID#: LAR000002030

[signature] 4-13-03

DRIVER SIGNATURE / DATE — RECEIVED AT PLANT / DATE

252633

CUSTOMER

LF 070 R

USFilter
A Siemens Business

US FILTER RECOVERY SERVICES (MID-ATLANTIC), INC.
14950 Heathrow Forest Pkwy, 250, Houston, TX 77032
1-800-523-9071

CUSTOMER CONTACT
UNKNOWN CONTACT

PHONE NUMBER
000-000-0000

SITE NUMBER NAME AND ADDRESS
28026202
EXXON
4535 ESSEN LANE

BATON ROUGE LA 00000-0000

60 - D A Y A L E R T

LJW 4-13-05 CALLED IN BY USF DRIVER

B.11 Exx. Mo.1
B# 4/5/06101879

NUMBER 12

PAGE 1 OF

CALL TYPE SD | PROBLEM CODE | ORI ORIG

PRIORITY

CALL WAS TAKEN ON 04-13 AT 1330 BY LORI

P.O. NUMBER NONE NEEDED

ROUTE

ASSIGNED TECH 286003 MYRTICH COOPER

PROBLEM SYNOPSIS, AS REPORTED FUEL WATER P/O

M/A NUMBER MA0073780

PROMISE DATE, TIME 04-13-05

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ST	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMPL
3421		28026203	150	76		4-13	1321	4-13		YES

PART / DESCRIPTION	U/M	QUANTITY	HM	SHIPPING DESCRIPTION	SERIAL # GLYCOL	SERIAL # pH	# CONT BRIX	# CONT SNIFFER	TYPE C-D
CDL-FUELWTR FUEL WATER FLAMMABLE GA BB/	GA	3/2	1	X Flammable Liquids n.o.s., (Gasoline/water mixture), 3, UN1993, PGII					
M-Tron	HRS								

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Reuse Solvent QA & QC

Yes	No		Yes	No	
☐	☐	Used solvent passed visual inspection	☐	☐	Light assembly is in good working order
☐	☐	Used solvent has no unusual odor	☐	☐	Lid is unobstructed
☐	☐	Parts Cleaner is clean (front/back)	☐	☐	Parts Cleaner is properly grounded
☐	☐	Fusible link operational			

Rep Initials _____

Authorization Signature
I agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above and on the reverse side of this document.

Chris Perkins, CM Exxon Mobil — 4-13-05
PRINT CUSTOMER NAME — CUSTOMER SIGNATURE / DATE

252645

_____ Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
_____ Initial if Do-it-yourself collection center

Generator EPA ID# UNKNOWN

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Transporter Information:
US Filter Transport, Inc.
1657 Commerce Dr., Suite 108
South Bend, IN 46628
US DOT ID#: 828559
EPA ID#: INR000022798
EMERGENCY CONTACT CHEMTREC (800) 424-9300

Myrtich Cooper 4-13-05
DRIVER SIGNATURE / DATE

Designated Facility
1122 U.S. Hwy 190 West
Port Allen, LA 70767
(225) 379-3332
EPA ID#: LAR000002030

RECEIVED AT PLANT / DATE

LF 070 R

CUSTOMER

PHOTOGRAPHS 1 THROUGH 4

PHOTOGRAPH 1: 10,000-gallon diesel or gasoline fiberglass UST prior to removal.

PHOTOGRAPH 2: 10,000-gallon gasoline or diesel fiberglass UST following removal.

PHOTOGRAPH 3: 12,000-gallon gasoline fiberglass UST being destroyed.

PHOTOGRAPH 4: Fiberglass USTs being destroyed.

STATE OF LOUISIANA
UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM – PLEASE TYPE

Please complete and return within sixty (60) days after UST system closure or change-in-service

Return to: LDEQ-SURVEILLANCE DIVISION
P.O. Box 4312
Baton Rouge, LA 70821-4312
Questions: (225) 219-3615

DEQ Facility Number: AI # 13366
DEQ Owner ID Number: 0109200

I. OWNERSHIP OF TANKS

IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐

Exxon Mobil Corporation
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)

16825 Northchase Drive, Room 928C
MAILING ADDRESS

Houston | TX | 77060
CITY | STATE | ZIP

Harris
PARISH/COUNTY

(713) 819-6879
TELEPHONE (INCLUDE AREA CODE)

Dale Gomm
NAME OF CONTACT PERSON

II. LOCATION OF TANKS

IF SAME AS SECTION I, PLEASE CHECK ☐

Former Exxon Retail Store No. 5-0608
FACILITY NAME OR COMPANY SITE IDENTIFIER

4555 Essen Lane
STREET ADDRESS (P. O. BOX NOT ACCEPTABLE)

Baton Rouge | LA
CITY | STATE | ZIP

East Baton Rouge
PARISH

( ) N/A
TELEPHONE (INCLUDE AREA CODE)

N/A
CONTACT PERSON AT THIS LOCATION

III. TANK INFORMATION (Attach Continuation Sheets If Necessary)

DEQ ASSIGNED TANK NUMBERS	SIZE OF TANKS (GALLONS)	PRODUCT LAST STORED IN TANK	CHOOSE ONE PER TANK 1 = Removed 2 = Closed-in-Place 3 = Change-in-Service[1] 4 = Removed & Replaced[2]	TANK PROPERLY LABELED? CIRCLE		HIGHEST LEL OR OXYGEN READING[3] LEL[4]	Oxygen	DATE OF CLOSURE OR CHANGE-IN-SERVICE
11995	10,000	Gasoline	1	Y	N	7%		04 / 13 / 05
11996	8,000	Gasoline	1	Y	N	5%		04 / 13 / 05
11997	10,000	Diesel	1	Y	N	4%		04 / 13 / 05
11998	12,000	Gasoline	1	Y	N	7%		04 / 13 / 05
				Y	N			/ /

1 - Indicate the non-regulated substance to be stored in the tank.
2 - A registration form addressing the replacement tank must be completed.
3 - Highest reading recorded just before tank removed from excavation.
4 - Lower Explosive Limit

IV. TANK

A. Date cleaned 04 / 13 / 05
B. Date disposed/recycled 05 / 06 / 05
C. Name of disposal site/recycling site: BFI COLONIAL LANDFILL ~~Woodside Landfill~~

V. TANK SLUDGES

A. Date disposed/recycled / N/A /
B. Volume removed: None cu/yds
C. Name of disposal site: N/A

VI. TANK WATERS/WASHWATERS

A. Date disposed/recycled 04 / 13 / 05
B. Volume removed: 22,834 gals
C. Name of disposal/recycling site: U.S. Filter Recovery Services

VII. CONTAMINATED SOIL

A. Date removed / N/A / | D. Date disposed / N/A /
B. Volume of soil removed: None cu/yds
C. Name of disposal site: N/A

VIII. CONTAMINATED GROUNDWATER

A. Date removed / N/A / | D. Date disposed / N/A /
B. Volume of groundwater removed: None gals
C. Name of disposal site/recycler: N/A

IX. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Dale L. Gomm — PRINT OR TYPE OWNER'S NAME
Dale L Gomm — OWNER'S SIGNATURE
05/02/05 — DATE

Clint D. Corder — PRINT OR TYPE NAME OF CERTIFIED WORKER
Clint D. Corder — SIGNATURE OF CERTIFIED UST WORKER
C-0676 — CERTIFICATE NO.
05/02/05 — DATE

FORMS THAT DO NOT INCLUDE THE OWNER'S AND UST WORKER'S SIGNATURES WILL BE REJECTED.

LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

☒ DEQ AI No. 13366
☑ UST system removed from database; no further action required at this time.
☒ Referred for remediation review.
☐ UST system removed from database; additional information required. Divestment Facility Subsurface Investigation performed and there is soil and groundwater contamination.

Signature of LDEQ Representative: Charles Melcher — Telephone No.: 225 219-3644 — Date: 7/18/05 — Supervisor's Initials: [illegible]

UST-SURV-02 — **** INCOMPLETE FORMS MAY BE REJECTED **** — Revised 10/03

SURV. DIV. MAIN OFFICE FILE

UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM

INSTRUCTIONS

Within **SIXTY DAYS** after completing a UST closure or change-in-service, this form along with **two copies** of the following must be provided to the Surveillance Division:

1. site drawing;
2. analytical results with chain-of-custody documents; and
3. copies of all manifests, bills of lading or receipts for the disposition of tank(s), tank contents, soil and waters.

All applicable information required on the form must be addressed. Forms that are incomplete may be rejected.

Please **PRINT** clearly (press hard, as you are making four copies). After completion, the owner is to forward all copies of the form to:

LDEQ-SURVEILLANCE DIVISION
P.O. Box 4312
Baton Rouge, LA 70821-4312

The Surveillance Division will distribute the remaining copies of the form as follows:

1. Original (White) - Surv. Div. Main Office File
2. Pink - DEQ REgional Office File
3. Goldenrod - Permits Div. Registration Files
4. Blue - UST Owner (After DEQ Processing)

PROCEDURES TO BE FOLLOWED

The procedures which must be followed when performing a UST closure or change-in-service are provided in the "Underground Storage Tank Closure/Change-in-Service Assessment Guidelines." To obtain a copy of this document call the Surveillance Division at (225) 219-3615 or write to the address noted above, or on our website at www.ldeq.org.

NOTICE

Chapter 13 of the UST Regulations requires that owners of USTs ensure that the contractor chosen to perform the UST closure/change-in-service employs an individual who holds a current Louisiana DEQ certificate for closure. The certified person must be present at the site and exercising responsible supervisory control during the closure/change-in-service process. A list of contractors who employ DEQ certified workers can be obtained from the Permits Division, Certifications Section, at (225) 219-3029 or (225) 219-3031 or on our website at www.ldeq.org.

CONESTOGA-ROVERS & ASSOCIATES

4915 S. Sherwood Forest Blvd.
Baton Rouge, Louisiana 70816
Telephone: (225) 292-9007 Fax: (225) 292-3614
www.CRAworld.com

TRANSMITTAL

DATE: 06/10/05

REFERENCE NO.: 25881-01 (2)

PROJECT NAME: Former Exxon Retail Store No. 5-0608

TO: Louisiana Department of Environmental Quality
Office of Environmental Compliance
P.O. Box 4312
Baton Rouge, LA 70821-4312
Attn: Surveillance Division - Charlie Melchior

RECEIVED
JUN 15 2005
DEPT. OF ENVIRONMENTAL QUALITY

Please find enclosed:
- ☐ Draft
- ☒ Originals
- ☐ Prints
- ☐ Final
- ☐ Other

Sent via:
- ☒ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☐ Other

QUANTITY	DESCRIPTION
1	Divestment Initial Subsurface Investigation
	Former Exxon Retail Store No. 5-0608
	4555 Essen Lane
	Baton Rouge, LA

- ☐ As Requested
- ☒ For Your Use
- ☐ For Review and Comment
- ☐
- ☐

COMMENTS:

Copy to:

Completed by: Seth P. Domangue [Please Print]

Signed: Seth Domangue

Filing: **Correspondence File**

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

UE

ExxonMobil

RECEIVED

JUN 10 2005

OFFICE OF ENVIRONMENTAL COMPLIANCE ENFORCEMENT DIVISION

SOLD FOR SCRAP

BILL OF SALE

In consideration of $ 1.00 paid to it by Maria Morris of Sunbelt Industrial (hereinafter called "Purchaser"), the receipt of which is hereby acknowledged, Exxon Mobil Corporation, (hereinafter called "Seller"), having an office at _____ does hereby bargain, assign and sell unto Purchaser all its right, title, and interest in and to the following described goods, equipment, and fixtures:

and which are located at: hExxon # 5-0603, 4555 Essen Lane, Baton Rouge, LA (hereinafter sometimes called "the Premises").

TO HAVE AND TO HOLD unto Purchaser, the legal representatives, successors and assigns of Purchaser, forever.

Purchaser agrees and understands that Seller is selling only such right, title or interest in said equipment as Seller may have without Seller representing or warranting the extent of Seller's right, title or interest.

Purchaser agrees to promptly pay any federal, state or local sales, use or value added tax which may be due as a result of this transfer.

This sale is made on an **"AS IS AND WHERE IS BASIS" WITHOUT WARRANTY, IMPLIED OR EXPRESSED, AS TO THE FITNESS FOR USE of the equipment sold and transferred hereunder, and WITHOUT WARRANTY OF MERCHANTABILITY.** This sale does not include the title or the right to use any of the advertising, trade names, slogans, identification trademarks, or copyrights of the Seller.

Purchaser is warned that any storage tanks included in this sale may contain explosive gases, and may have been used for the storage of gasoline containing tetraethyl lead or other antiknock compounds which have made such tanks unfit for the storage of water or any other article or commodity intended for human or animal consumption; and Purchaser expressly agrees not to use or permit the use of such tanks for said purpose.

If Purchaser intends to discard any storage tanks and piping included in this sale or to use the same as scrap, Purchaser agrees that sufficient holes will be made in the tanks to render them unfit for further use as a storage vessel. Specifically, Purchaser agrees that when a tank is gas free, it will be punctured in a random manner with a pickax, chisel, or other heavy, sharp object, or many large holes will be drilled into it; there will be a minimum of two one-inch diameter holes per quarter section of the tank.

Purchaser agrees that all tanks removed from the premises will be labeled adjacent to the fill opening in legible letters with the following information:

"TANK HAS CONTAINED FLAMMABLE LIQUIDS
NOT GAS FREE
NOT SUITABLE FOR FOOD OR DRINKING WATER"

Purchaser hereby expressly agrees and binds itself to complete such removal at its sole risk and expense within 30 days from the date hereof in a careful and workmanlike manner so as to cause no damage to the premises. Purchaser further agrees to leave the premises in clean condition free from any and all hazards associated with the tank removal.

As partial consideration for this transfer, Purchaser, by the acceptance of this Bill of Sale, releases, indemnifies and agrees to hold harmless Seller and any affiliate of Exxon Mobil Corporation from and against any and all existing or future claims, liability, and causes of action at law or in equity, for loss, damage or injury (including death), whether known or unknown, to any persons and property (including but not by way of limitation, Purchaser and the agents, servants, employees, invitees, licensees, contractors, representatives of Purchaser and the property of any of them) from the acquisition or use (direct or indirect) of said goods, equipment and fixtures whenever arising or occurring, whether past, present or future. Purchaser intends and understands that the aforesaid agreement to release, indemnify and hold harmless Seller is to be inclusive of but not limited to any claims based upon any theory of strict liability, negligence, breach of warranty, or any other theory of liability.

Purchaser affirms by acceptance of this Bill of Sale that he has inspected all of the goods, equipment and fixtures as described above and that he has full knowledge of the condition, repair and location of all the goods, equipment and fixtures as described above.

Seller has advised Purchaser to carefully examine the terms of this Bill of Sale before execution and Purchaser does hereby represent that he has done so.

RECEIVED

JUN 16 2005

DEPT. OF ENVIRONMENTAL QUALITY

ExxonMobil

This instrument contains the entire agreement and understanding between Purchaser and Seller and there are no oral representations, stipulations, warranties or understandings relating thereto which are not fully set forth herein. No amendment, addition to or alteration, modification or waiver of any provision of this Bill of Sale shall be of any force or effect unless in writing and signed by Purchaser and an authorized representative of Seller.

This Bill of Sale executed in duplicate originals effective as of the 19th day of April, 2005

Executed by Exxon Mobil Corporation this _____ day of _____, _____.

Exxon Mobil Corporation

_____ By: _____

Witness

Executed by Purchaser this 19th day of day of ~~January~~ April, 2005.

_____ By: _____

Witness **Purchaser**

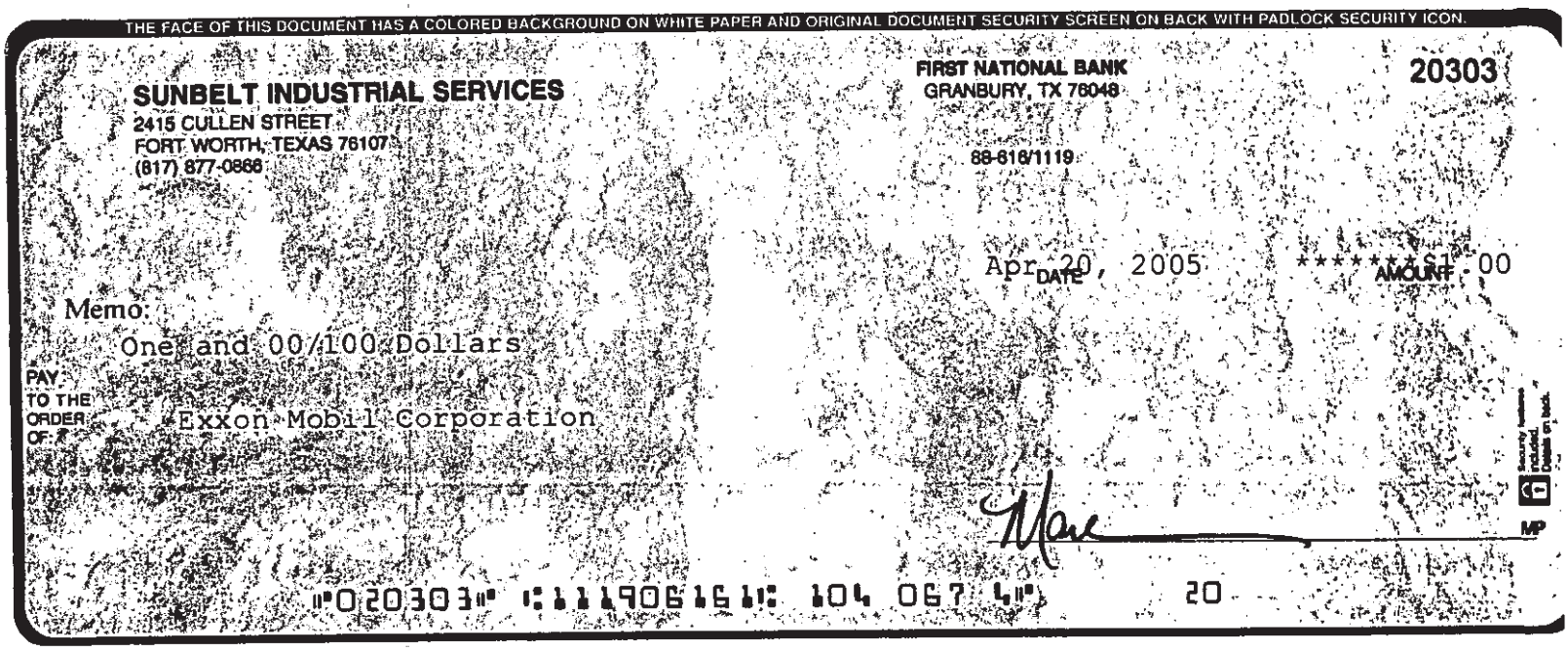
SUNBELT INDUSTRIAL SERVICES

Exxon Mobil Corporation

– 20303

Check Number: 20303
Check Date: Apr 20, 2005
Duplicate
Check Amount: $1.00

Item to be Paid - Description	Discount Taken	Amount Paid
Tanks - Contract Services		1.00



SUNBELT INDUSTRIAL SERVICES

Exxon Mobil Corporation

20303

Check Number: 20303
Check Date: Apr 20, 2005
Duplicate
Check Amount: $1.00

Item to be Paid - Description	Discount Taken	Amount Paid
Tanks - Contract Services		1.00

Daily Business Forms (407) 877-7222 ACTS 2:38 Order # 509639-1

TANK CONDITION REPORT 980-000-9C (Replaces 980-000-9B)

*This report should be completed any time underground tankage is excavated for removal or major repairs. Removal may be required when abandoning location or replacing tanks. FAX to TANKNOLOGY at 512/459-1762; retain one copy in location/project file and FORWARD the ORIGINAL to the Registration/De-Registration Administrator.

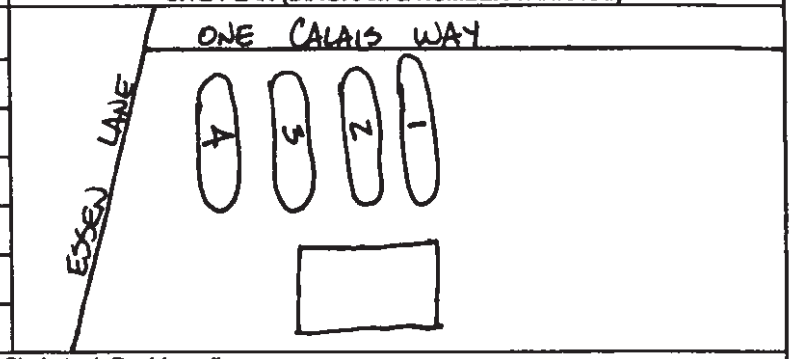
LOCATION NUMBER	TERRITORY/PROJECT MANAGER	COMPLETED BY (CONTRACTOR)	DATE
5-0608	SETH SOMANGUE	Marla Morris	4/19/05

LOCATION ADDRESS	CITY	COUNTY	STATE
4555 ESSEN LANE,	BATON ROUGE	E. BATON ROUGE	LA

TANK INFORMATION

TANK NO.	PRODUCT	SIZE (k Gal.)	AGE (Yrs.)	TYPE*
1.	Diesel	12,000		F
2.	GASOLINE	10,000		F
3.	GASOLINE	8,000		F
4.	GASOLINE	10,000		F
5.				
6.				

SITE PLAN (DIAGRAM & NUMBER TANKAGE)



* Use underlined letter code: (Steel, Fiberglass, Interior Lined steel, Clad steel, Double wall

OTHER COMMENTS:

NOTE: This form must be completed before payment can be made to contractor.

VERIFICATION

I, Marla Morris do this the 19th day of April, year 2005, certify that all work relating to the excavation and removal of underground storage tanks listed above performed by Sunbelt Industrial (contractor) has been completed according to Exxon's specifications. All underground storage tanks listed above have been removed from the job site, were vapor free, labeled as required by contract, and rendered unusable by placing a minimum of (3) 12" holes in side wall.

I have personal knowledge of the facts contained herein.

Marla Morris
Authorized Representative of

Sunbelt Industrial Serv. ,Contractor

State of Texas
County of Tarrant

BEFORE ME, the undersigned authority, on this day personally appeared Marla Morris, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she has read and executed the same for the purposes and considerations therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 19 day of April, 2005

DARLENE DAY
NOTARY PUBLIC STATE OF TEXAS
COMMISSION EXPIRES:
MARCH 29, 2008

Darlene Day
NOTARY PUBLIC
IN AND FOR THE STATE OF: Texas

My Commission Expires:

3-29-08

CONESTOGA-ROVERS
& ASSOCIATES

4915 S. Sherwood Forest Blvd., Baton Rouge, LA 70816
Telephone: 225.292.9007 Facsimile: 225.292.3614
www.CRAworld.com

May 16, 2005

Reference No. 25881-02 (3)

FDE
TBP
CDC

Mr. Charlie Melchior
Louisiana Department of Environmental Quality
Office of Environmental Compliance
P.O. Box 4312
Baton Rouge, Louisiana 70821-4312

RECEIVED
JUN 10 2005
OFFICE OF
ENVIRONMENTAL COMPLIANCE
ENFORCEMENT DIVISION

Dear Mr. Melchior:

Re: Underground Storage Tank Removal
Former Exxon Retail Store No. 5-0608
4555 Essen Lane
Baton Rouge, East Baton Rouge Parish, Louisiana
Facility UST I.D. No.: 17-004224
Agency Interest No.: 13366

Conestoga-Rovers & Associates (CRA), as environmental consultant for Exxon Mobil Corporation (ExxonMobil), herein submits three copies of the report documenting the closure of four underground storage tanks at the above-referenced location. Based on the analytical results submitted herein No Further Action At This Time (NFA-ATT) is recommended.

If you have any questions or comments concerning this report, please contact CRA or Dale L. Gomm, ExxonMobil Territory Manager, at (713) 819-6879.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES

Cliff D. Corder

Thomas B. Powers, PG

CDC/kmc/3
Encl.

TANK EXCAVATION ASSESSMENT REPORT

Former Exxon Retail Store No. 5-0608
4555 Essen Lane
Baton Rouge, Louisiana
East Baton Rouge Parish
Facility UST I.D. No.: 17-004224
Agency Interest No.: 13366

for

Exxon Mobil Corporation
Houston, Texas

MAY 2005
Ref. 25881-02 (3)

CONESTOGA-ROVERS & ASSOCIATES
4915 S. Sherwood Forest Blvd.
Baton Rouge, LA 70816
(225)292-9007 Office; (225)292-3614 Fax

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Tank Excavation Assessment Report
Former Exxon Retail Store No. 5-0608
4555 Essen Lane
Baton Rouge, Louisiana
East Baton Rouge Parish
Facility UST I.D. No. 17-004224
Agency Interest No. 13366

INTRODUCTION

Conestoga-Rovers & Associates (CRA) herein submits a report documenting the removal of four underground storage tanks (USTs) at Former Exxon Retail Store No. 5-0608, located at 4555 Essen Lane in Baton Rouge, Louisiana. A water well survey was conducted and the Louisiana Department of Transportation and Development database indicated there were 8 active groundwater wells within a one-mile radius of the site and are illustrated on a water well map included as figure 1. The immediate surroundings consist of commercial properties and are illustrated on a surrounding land use map included as figure 2. A site plan showing the location of the former USTs, former dispenser islands, and other pertinent features is presented on figure 3.

On April 13, 2005 CRA's contractor, Sunbelt Industrial Services (Sunbelt) of Fort Worth, Texas, removed one 10,000-gallon fiberglass diesel UST, one 10,000-gallon fiberglass gasoline UST, one 12,000-gallon fiberglass gasoline UST, and one 8,000-gallon fiberglass gasoline UST. Oversight, sampling, and documentation of the removal activities was provided by CRA (Mr. Cliff D. Corder, Certification No. C-0676). A UST closure notification form, submitted by Exxon Mobil Corporation (ExxonMobil) to the Louisiana Department of Environmental Quality (LDEQ) on March 21, 2005, is included as Appendix A. CRA verbally notified LDEQ (Mr. Charlie Melchior) of closure activities on April 8, 2005. The UST closure activities are documented in the attached photographs 1 through 4.

EXCAVATION PROCESS

On April 11, 2005, Sunbelt utilized a trackhoe to excavate pea gravel from the surface to the top of the four fiberglass USTs (approximately four feet) and along the sides of the USTs. Excavated pea gravel was temporarily stockpiled west of the tank hold for possible re-use as backfill. Prior to exposing the tanks, the fill ports were opened, the tanks and product lines were purged of all residual fluids. Following exposure on April 13, 2005, the tanks were cleaned and degassed utilizing a vacuum truck operated by U.S. Filter Recovery Service (U.S. Filter) of New Orleans, Louisiana. On April 13, 2005, the lower explosive level (LEL) was measured in the tanks and was 4 to 6% throughout each tank. A chain was then attached to each UST and the trackhoe was used to lift each individual tank from the tank hold. Following removal of the USTs, the dispenser islands and product piping were removed.

UST CONDITION AND DISPOSAL

Following the removal of each UST, the tanks were visually inspected and found to be in good condition. Following inspections, the fiberglass tanks were crushed on-site and all debris was placed into a roll-off container. The roll-off container was then transported by CEI Environmental Services to BFI Colonial Landfill in Sorrento, Louisiana. A copy of the Non-Hazardous Manifests are included as Appendix B. The UST Closure/Assessment form is included as Appendix C.

SOIL SAMPLE COLLECTION AND ANALYSES

Following the removal of the UST system, soil samples/backfill samples S-1 through S-16 were collected on April 14, 2005, for laboratory analyses in compliance with UST closure guidelines specified by the LDEQ UST Closure/Change-in-Service Guidance Document, October 20, 2003.

Soil samples S-1 through S-5 were collected from the sidewalls beneath the dispenser islands; S-6 through S-12 were collected from the sidewalls of the excavated tank hold area; and S-14 through S-16 were collected one foot into the stockpiled pea gravel. Soil samples S-1 through S-3, S-5 through S-8, S-11 through S-13, S-15 and S-16 were collected utilizing EPA Method 5035 and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl tertiary butyl ether (MTBE), total petroleum hydrocarbons-gasoline range organics (TPH-GRO) and lead. Soil samples S-4, S-9, S-10, and S-14 were sampled for TPH-diesel range organics (TPH-DRO), metals, and polynuclear aromatic hydrocarbons (PAHs). The samples were collected approximately one foot below ground surface at the groundwater interface. Each sample location is illustrated on figure 3.

Soil samples were collected in laboratory supplied containers, placed on ice, and subsequently transported by Federal Express courier, following proper chain-of-custody procedures, to ExxonMobil's contract laboratory Test America, Inc. (TAI) in Nashville, Tennessee. Laboratory analyses were performed in accordance with methods approved by the EPA and the LDEQ. Soil samples were analyzed for BTEX/MTBE by EPA Method 8260B, Test Methods for Evaluating Solid Waste (SW-846), TPH-GRO and TPH-DRO by EPA Method 8015B (SW-846), metals by EPA Method 6010B/7471B (SW-846), and PAHs by EPA Method 8270C (SW-846). In addition, soil samples which had results exceeding the UST closure screening standards, (S-1 and S-7)

were also analyzed for Synthetic Precipitation Leaching Procedure (SPLP) benzene/MTBE by Method 8021B, and SPLP-TPH-GRO by Method 8015B. The soil sample analytical laboratory results are presented on Tables 1A through 1C. The analytical laboratory reports and chain-of-custody documents are included as Appendix D.

FLUIDS REMOVAL AND DISPOSAL

On April 11, 12, and 13, 2005, tank hold water, residual fluids, and wash waters were removed from the UST system by U.S. Filter (approximately 22,834 gallons of fluids were removed) and transported off-site to their facility in Port Allen, Louisiana, pending proper disposal/recycling. No sludges were observed in the USTs. The transportation/receiving manifest for those fluids removed from the site is presented as Appendix E.

TREATMENT/DISPOSAL OF EXCAVATED SOILS

Pea gravel backfill contained in the tank hold did not exhibit visual or olfactory evidence of hydrocarbon impact. Confirmatory backfill samples (S-14 through S-16) were collected and analyzed for all applicable parameters by the aforementioned methods. The pea gravel was reintroduced into the tank hold pending laboratory analyses. The laboratory results presented in Tables 1A and 1B confirm the re-use of the backfill to be appropriate.

CONCLUSION

On April 13, 2005, one 10,000-gallon fiberglass diesel UST, one 10,000-gallon fiberglass gasoline UST, one 12,000-gallon fiberglass gasoline UST, one 8,000-gallon fiberglass gasoline UST, and ancillary equipment, were removed from Former Exxon Retail Store No. 5-0608 located at 4555 Essen Lane, in Baton Rouge, Louisiana. Following receipt of laboratory analytical results from samples collected during UST closure activities No Further Action At this Time (NFA-ATT) is recommended.

Tank Excavation Assessment Report
Former Exxon Retail Store No. 5-0608
4555 Essen Lane
Baton Rouge, Louisiana
East Baton Rouge Parish
Facility UST I.D. No. 17-004224
Agency Interest No. 13366

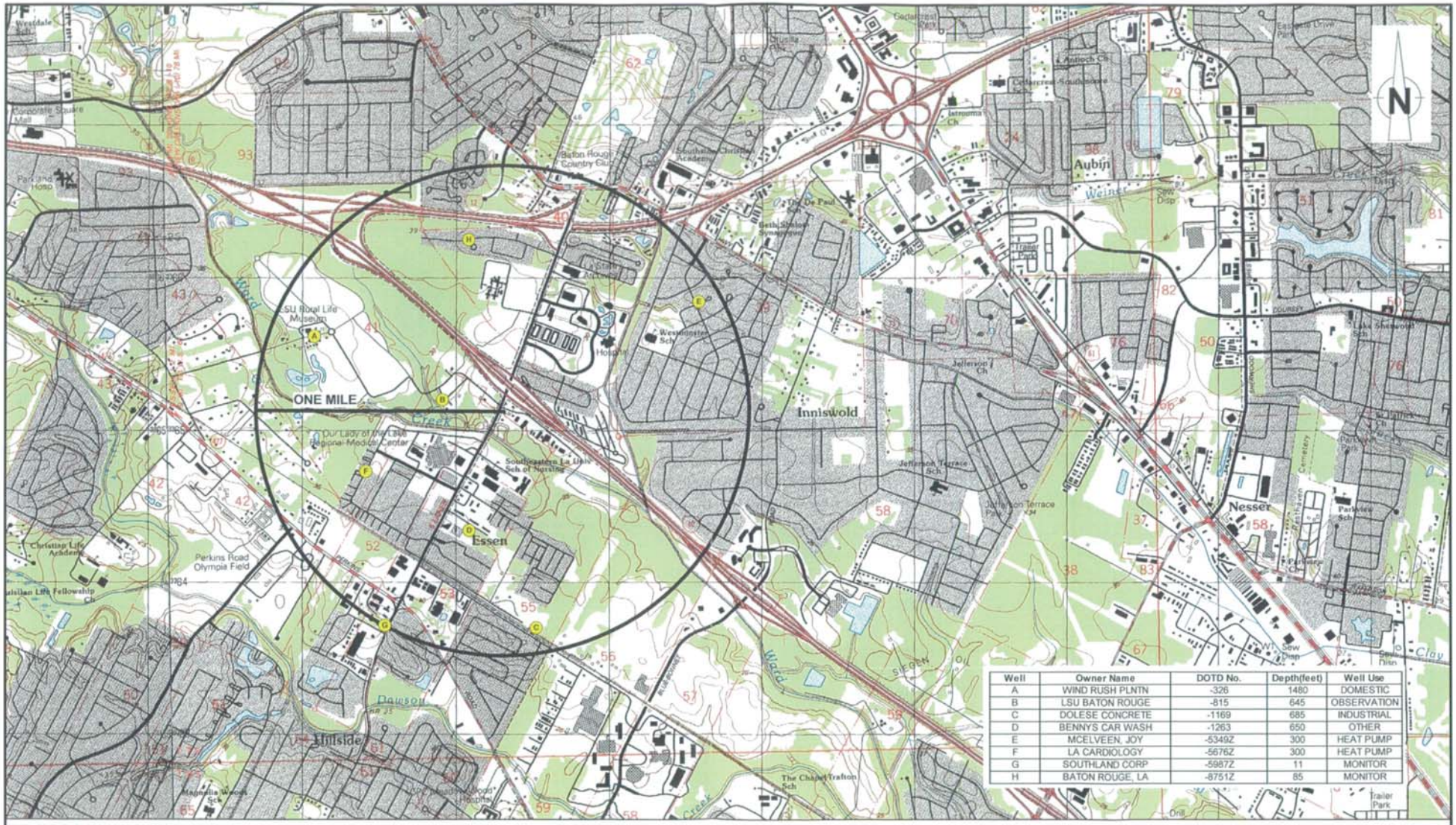
If you have any questions concerning this report, please contact CRA at your convenience.

All of Which is Respectfully Submitted,

CONESTOGA-ROVERS & ASSOCIATES

for Cliff D. Corder

Thomas B. Powers, PG



Well	Owner Name	DOTD No.	Depth(feet)	Well Use
A	WIND RUSH PLNTN	-326	1480	DOMESTIC
B	LSU BATON ROUGE	-815	645	OBSERVATION
C	DOLESE CONCRETE	-1169	685	INDUSTRIAL
D	BENNYS CAR WASH	-1263	650	OTHER
E	MCELVEEN, JOY	-5349Z	300	HEAT PUMP
F	LA CARDIOLOGY	-5676Z	300	HEAT PUMP
G	SOUTHLAND CORP	-5987Z	11	MONITOR
H	BATON ROUGE, LA	-8751Z	85	MONITOR

RE: U.S.G.S. 7.5 MINUTE TOPOGRAPHIC MAP,
"BATON ROUGE EAST, LOUISIANA," DATED 1992 AND
"BATON ROUGE WEST, LOUISIANA," DATED 1992.

LEGEND

WATER WELL LOCATION

0 1,000 2,000 Feet

figure 1
WATER WELL MAP
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE, BATON ROUGE, LOUISIANA
Exxon Mobil Corporation, Houston, Texas

25881-02(003)PR-BR002 MAY 4/2005

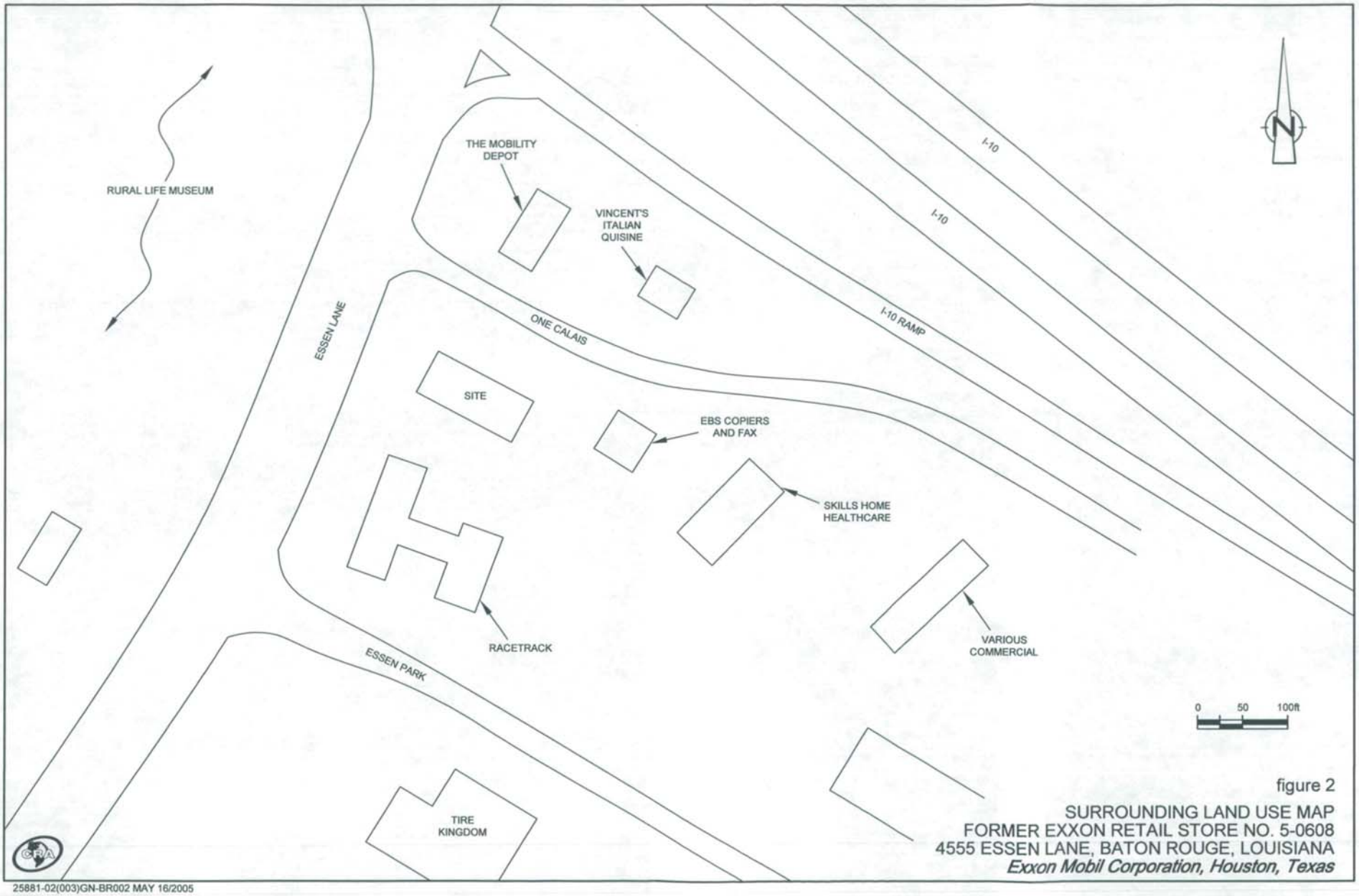


figure 2

SURROUNDING LAND USE MAP
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE, BATON ROUGE, LOUISIANA
Exxon Mobil Corporation, Houston, Texas

25881-02(003)GN-BR002 MAY 16/2005

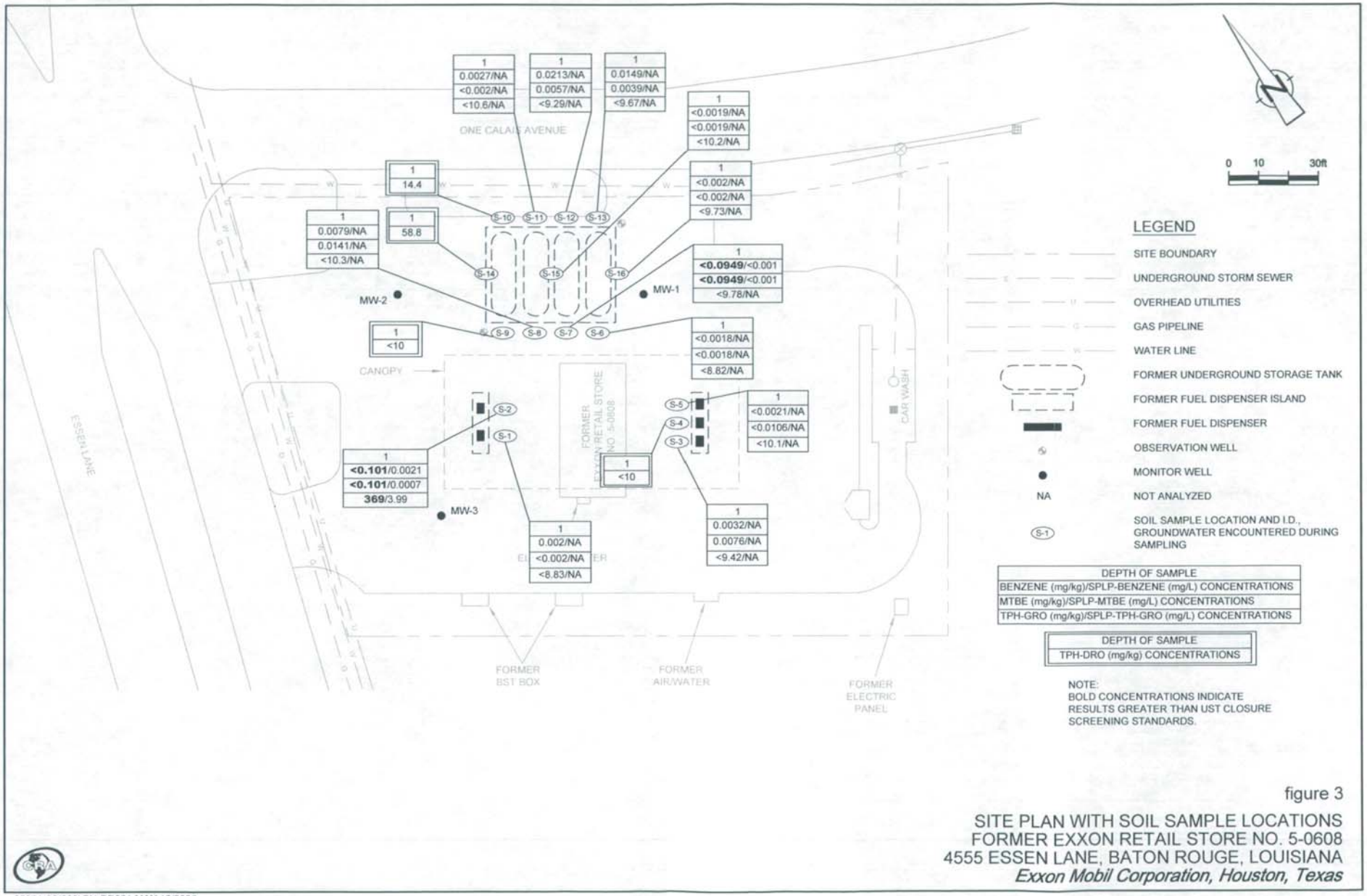


figure 3

SITE PLAN WITH SOIL SAMPLE LOCATIONS
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE, BATON ROUGE, LOUISIANA
Exxon Mobil Corporation, Houston, Texas

25881-02(003)GN-BR001 MAY 16/2005

TABLE 1A

SOIL SAMPLE ANALYTICAL LABORATORY RESULTS
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
AGENCY INTEREST NO. 13366

Sample Location	*Sample Collection Date*	*Depth (ft)*	*Benzene (mg/kg)*	*Toluene (mg/kg)*	*Ethylbenzene (mg/kg)*	*Xylenes (mg/kg)*	*MTBE (mg/kg)*	*TPH-GRO (mg/kg)*	*TPH-DRO (mg/kg)*	*Lead (mg/kg)*	*SPLP benzne (mg/kg)*	*SPLP MTBE (mg/kg)*	*SPLP TPH-GRO (mg/kg)*
			*0.051**	*20**	*19**	*18**	*0.077**	*65**	*65**	*100**	*0.1***	*0.4***	*6.8***
S-1	04/14/05	1	0.002	<0.002	<0.002	<0.002	<0.002	<8.83	NA	7.91	NA	NA	NA
S-2	04/14/05	1	**<0.101**	<0.101	1.66	6.66	**<0.101**	**369**	NA	9.09	0.0021	0.0007	3.99
S-3	04/14/05	1	0.0032	<0.0019	<0.0019	<0.0019	0.0076	<9.42	NA	6.10	NA	NA	NA
S-4	04/14/05	1	NA	NA	NA	NA	NA	NA	<10	6.07	NA	NA	NA
S-5	04/14/05	1	<0.0021	<0.0021	<0.0021	<0.0021	0.0106	<10.1	NA	11.3	NA	NA	NA
S-6	04/14/05	1	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<8.82	NA	8.27	NA	NA	NA
S-7	04/14/05	1	**<0.0949**	<0.0949	<0.0949	<0.0949	**<0.0949**	<9.78	NA	5.33	<0.001	<0.001	NA
S-8	04/14/05	1	0.0079	<0.0021	0.0032	<0.0021	0.0141	<10.3	NA	14.1	NA	NA	NA
S-9	04/14/05	1	NA	NA	NA	NA	NA	NA	<10	8.33	NA	NA	NA
S-10	04/14/05	1	NA	NA	NA	NA	NA	NA	14.4	13.1	NA	NA	NA
S-11	04/14/05	1	0.0027	0.0032	<0.002	0.004	<0.002	<10.6	NA	8.09	NA	NA	NA
S-12	04/14/05	1	0.0213	0.0038	<0.0022	0.0121	0.0057	<9.29	NA	9.0	NA	NA	NA
S-13	04/14/05	1	0.0149	0.0029	0.0029	0.0065	0.0039	<9.67	NA	13	NA	NA	NA
S-14	04/14/05	1	NA	NA	NA	NA	NA	NA	58.8	5.22	NA	NA	NA
S-15	04/14/05	1	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<10.2	NA	2.76	NA	NA	NA
S-16	04/14/05	1	<0.002	<0.002	<0.002	0.0037	<0.002	<9.73	NA	1.99	NA	NA	NA

mg/kg = Milligrams per kilogram, which is equivalent to parts per million (ppm).
NA = Not Analyzed
MTBE = methyl tertiary butyl ether
TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics
TPH-DRO = Total Petroleum Hydrocarbons-Diesel Range Organics
*UST Screening Standards, UST Closure/Change-in-Service Guidance Document, October 20, 2003
**Screening Standards for SPLP extracts were derived by multiplying the RECAP MO-1 GW1 Standard by a default dilution factor of 20.
Bold font with shading indicates result exceeds the UST Closure Screening Standard.

TABLE 1B

SOIL SAMPLE ANALYTICAL LABORATORY RESULTS
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
AGENCY INTEREST NO. 13366

Sample Location	Sample Collection Date	Depth (ft)	PAH Parameter														
			Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)pyrene (mg/kg)	Chrysene (mg/kg)	Dibenz(a,h)Anthracene (mg/kg)	Indeno(1,2,3-cd)pyrene (mg/kg)	Benzo(k)fluoranthene (mg/kg)	Benzo(b)fluoranthene (mg/kg)	Benzo(a)anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Naphthalene (mg/kg)	Pyrene (mg/kg)	Acenaphthylene (mg/kg)	2-Methylnapthalene (mg/kg)
			220*	120*	0.33*	61*	0.33*	0.56*	5.5*	35*	3.6*	200*	180*	1.5*	150*	88*	1.7*
S-4	04/14/05	1	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
S-9	04/14/05	1	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
S-10	04/14/05	1	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
S-14	04/14/05	1	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067

mg/kg = milligrams per kilogram, which is equivalent to parts per million (ppm)
*UST Screening Standards, UST Closure/Change-in-Service Guidance Document, October 20, 2003

TABLE 1C

SOIL SAMPLE ANALYTICAL LABORATORY DATA
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
AGENCY INTEREST NO. 13366

Sample Location	Sample Date	Depth (ft.)	Parameter						
			Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Mercury (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)
			12*	550*	3.9*	100*	2.3*	20*	39*
S-4	04/14/05	1	<0.98	86.3	<0.98	7.05	<0.0985	<1.96	<0.98
S-9	04/14/05	1	<0.99	121	<0.99	9.52	<0.0971	<1.98	<0.99
S-10	04/14/05	1	3.37	120	<0.99	11.3	<0.1	<1.98	<0.99
S-14	04/14/05	1	<1.0	43.4	<1.0	5.82	<0.0976	<2.01	<1.0

mg/kg = Milligrams per kilogram, which is equivalent to parts per million (ppm).
* Screening standards specified in the LDEQ RECAP Table 1, October 20, 2003, Screening Option, Screening Standards for Soil and Groundwater.

APPENDIX A

UST CLOSURE NOTIFICATION FORM

STATE OF LOUISIANA

NOTIFICATION OF INTENT TO PERFORM A CLOSURE OR CHANGE-IN-SERVICE TO AN UNDERGROUND STORAGE TANK SYSTEM

Please complete and return thirty (30) days prior to permanent UST system closure or change-in-service

Return: LDEQ-SURVEILLANCE DIVISION
P.O. Box 4312
Baton Rouge, LA 70821-4312

Questions: (225) 219-3615

DEQ Facility Number: AI# 13366

DEQ Owner ID Number: 0109200

I. OWNERSHIP OF TANKS

IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐

Exxon Mobil Corporation
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)

16825 Northchase Drive, Room 928C
MAILING ADDRESS

Houston, Texas 77060
CITY STATE ZIP

Harris
PARISH/COUNTY

(713) 819-6879
TELEPHONE (INCLUDE AREA CODE)

NAME OF CONTACT
Dale Gomm

II. LOCATION OF TANKS

IF SAME AS SECTION I. PLEASE CHECK ☐

Former Exxon Retail Store No. 5-0608
FACILITY NAME OR COMPANY SITE IDENTIFIER

4555 Essen Lane
STREET ADDRESS (P. O. BOX NOT ACCEPTABLE)

Baton Rouge, Louisiana
CITY STATE ZIP

East Baton Rouge
PARISH

( ) N/A
TELEPHONE (INCLUDE AREA CODE)

CONTACT PERSON AT THIS LOCATION
N/A

III. TANK INFORMATION

DATE SCHEDULED FOR CLOSURE/REMOVAL OR CHANGE-IN-SERVICE / /

DEQ ASSIGNED TANK NUMBERS	SIZE OF TANK (GALLONS)	PRODUCT LAST STORED IN TANK	DEQ ASSIGNED TANK NUMBERS	SIZE OF TANK (GALLONS)	PRODUCT LAST STORED IN TANK
11995	10,000	Gasoline	11918	12,000	Diesel
11996	8,000	Gasoline			
11997	10,000	Gasoline			

ATTACH CONTINUATION SHEETS IF NECESSARY

IV. TANK CLOSURE INFORMATION

A. If the tank(s) are to be closed in place, indicate cleaning method and the type of fill material to be used:
N/A

B. Name of UST Certified Worker Cliff D. Corder Certificate No. C-0676

C. Name of Contracting Company Conestoga-Rovers & Associates

D. Name of laboratory to conduct sample analysis Test America, Inc.

FORMS THAT INCLUDE "TO BE DETERMINED" OR "UNKNOWN" AS A RESPONSE WILL BE REJECTED

V. CERTIFICATION

I certify that the above information is correct to the best of my knowledge and that the appropriate UST Regional Office will be contacted seven days prior to performing the UST system closure or change-in-service. I agree if closure or change-in-service of the UST system does not begin within 90 days after DEQ's approval, that this form becomes invalid. I also agree to submit the following information within 60 days after closure/change-in-service of the UST system:

(1) the "UST Closure/Assessment Form" (UST-SURV-02);
(2) two copies of a site drawing to include the information required by the "Underground Storage Tank Closure/Change-in-Service Assessment Guidelines";
(3) two copies of analytical results with chain-of-custody documents; and
(4) two copies of all manifests, bills of lading or receipts for the disposition of tank(s), tank contents, soil and waters.

Dale L. Gomm
PRINT OR TYPE OWNER'S NAME

Dale J Gomm
OWNER'S SIGNATURE

3/21/05
DATE

FORMS THAT DO NOT INCLUDE THE OWNER'S SIGNATURE WILL BE REJECTED

LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

☐ DEQ AI No. _____

☐ Approved for the indicated activity

APPENDIX B

LANDFILL DISPOSAL RECEIPT
AND NON-HAZARDOUS MANIFESTS

0057237

NON-HAZARDOUS WASTE MANIFEST

Box T1569

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.

2. Page 1 of

3. Generator's Name and Mailing Address: SUNBELT INDUSTRIAL SVCS. 2415 CULLEN ST. FT. WORTH TX. 76107

4. Generator's Phone (817) 877-0866

5. Transporter 1 Company Name: CEI Environmental Services

6. US EPA ID Number

A. State Transporter's ID: T0613125

B. Transporter 1 Phone: 225-667-1707

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: B.F.I. COLONIAL 5328 HWY 70 SORRENTO, LA. 70778

10. US EPA ID Number: LAD150757649

E. State Facility's ID: TD0050532

F. Facility's Phone: 225-675-8021

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Fiberglass Underground Storage tanks (RCRA Empty)	1	CM	20	Y.
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

A. Approval # L34Y54960
Acct.# 792689

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Joe Garcia

Signature: [signature]

Date: Month 5 Day 6 Year 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: J. G. Kelley

Signature: [signature]

Date: Month 5 Day 6 Year 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Alessie Sadler

Signature: Alessie Sadler

Date: Month 05 Day 06 Year 05

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

5-16 © 2002 LABELMASTER® (800) 621-6608 www.labelmaster.com

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SOY INK

7/1.54

Rev. 3/95

0057238

NON-HAZARDOUS WASTE MANIFEST

Box 1073

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of

3. Generator's Name and Mailing Address: SUNBELT INDUSTRIAL SERVICES, 2415 CULLEN ST, Ft. WORTH, TX. 76107

4. Generator's Phone: (817) 877-0866

5. Transporter 1 Company Name	6. US EPA ID Number	A. State Transporter's ID
CEI ENVIRONMENTAL SERVICES		TD613125
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone: 225-667-1707
		C. State Transporter's ID
		D. Transporter 2 Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	E. State Facility's ID
BFI COLONIAL, 5328 HWY. 70, SORRENTO, LA. 70778	LAD150757649	TD0050532
		F. Facility's Phone: 225-675-8021

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Fiberglass UNDERGROUND STORAGE TANKS (RCRA Empty)	1	CM	20	Y.
b.				
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above
A. Approval # L34454960
Acct. # 792689

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name	Signature	Date (Month Day Year)
Joe Garcia		5 6 05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
J.C. Kelley		5 6 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name	Signature	Date (Month Day Year)
Alessie Jackson	Alessie Jackson	05 06 05

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APPENDIX C

UST CLOSURE/ASSESSMENT FORM

BOURQUE PRINTING, INC. • (225) 272-9254 • 1-800-652-4810

STATE OF LOUISIANA
UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM – PLEASE TYPE

Please complete and return within sixty (60) days after UST system closure or change-in-service

Return to: LDEQ-SURVEILLANCE DIVISION, P.O. Box 4312, Baton Rouge, LA 70821-4312 — Questions: (225) 219-3615

DEQ Facility Number: AI # 13366

DEQ Owner ID Number: 0109200

I. OWNERSHIP OF TANKS

IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐

Exxon Mobil Corporation
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)

16825 Northchase Drive, Room 928C
MAILING ADDRESS

Houston | TX | 77060
CITY | STATE | ZIP

Harris
PARISH/COUNTY

(713) 819-6879
TELEPHONE (INCLUDE AREA CODE)

Dale Gomm
NAME OF CONTACT PERSON

II. LOCATION OF TANKS

IF SAME AS SECTION I, PLEASE CHECK ☐

Former Exxon Retail Store No. 5-0608
FACILITY NAME OR COMPANY SITE IDENTIFIER

4555 Essen Lane
STREET ADDRESS (P. O. BOX NOT ACCEPTABLE)

Baton Rouge | LA
CITY | STATE | ZIP

East Baton Rouge
PARISH

( ) N/A
TELEPHONE (INCLUDE AREA CODE)

N/A
CONTACT PERSON AT THIS LOCATION

III. TANK INFORMATION (Attach Continuation Sheets If Necessary)

DEQ ASSIGNED TANK NUMBERS	SIZE OF TANKS (GALLONS)	PRODUCT LAST STORED IN TANK	CHOOSE ONE PER TANK (1 = Removed; 2 = Closed-in-Place; 3 = Change-in-Service[1]; 4 = Removed & Replaced[2])	TANK PROPERLY LABELED? CIRCLE		HIGHEST LEL OR OXYGEN READING[3] LEL[4]	Oxygen	DATE OF CLOSURE OR CHANGE-IN-SERVICE
11995	10,000	Gasoline	1	Y	N	7%		04 / 13 / 05
11996	8,000	Gasoline	1	Y	N	5%		04 / 13 / 05
11997	10,000	Diesel	1	Y	N	4%		04 / 13 / 05
11998	12,000	Gasoline	1	Y	N	7%		04 / 13 / 05
				Y	N			/ /

1 - Indicate the non-regulated substance to be stored in the tank.
2 - A registration form addressing the replacement tank must be completed.
3 - Highest reading recorded just before tank removed from excavation.
4 - Lower Explosive Limit

IV. TANK

A. Date cleaned: 04 / 13 / 05

B. Date disposed/recycled: 05 / 06 / 05

C. Name of disposal site/recycling site: BFI Colonial Landfill ~~Woodside Landfill~~

V. TANK SLUDGES

A. Date disposed/recycled: / N/A /

B. Volume removed: None cu/yds

C. Name of disposal site: N/A

VI. TANK WATERS/WASHWATERS

A. Date disposed/recycled: 04 / 13 / 05

B. Volume removed: 22,834 gals

C. Name of disposal/recycling site: U.S. Filter Recovery Services

VII. CONTAMINATED SOIL

A. Date removed: /N/A/

D. Date disposed: /N/A/

B. Volume of soil removed: None cu/yds

C. Name of disposal site: N/A

VIII. CONTAMINATED GROUNDWATER

A. Date removed: N/A /

D. Date disposed: / N/A

B. Volume of groundwater removed: None gals

C. Name of disposal site/recycler: N/A

IX. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Dale L. Gomm — PRINT OR TYPE OWNER'S NAME
Dale L Gomm — OWNER'S SIGNATURE
05/02/05 — DATE

Cliff D. Corder — PRINT OR TYPE NAME OF CERTIFIED WORKER
Cliff D. Corder — SIGNATURE OF CERTIFIED UST WORKER
C-0676 — CERTIFICATE NO.
05/02/05 — DATE

FORMS THAT DO NOT INCLUDE THE OWNER'S AND UST WORKER'S SIGNATURES WILL BE REJECTED

LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

☐ DEQ AI No. _____
☐ UST system removed from database; no further action required at this time.
☐ Referred for remediation review.
☐ UST system removed from database; additional information required. _____

Signature of _____ Supervisor's

APPENDIX D

SOIL SAMPLE ANALYTICAL LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

TestAmerica
ANALYTICAL TESTING CORPORATION

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

ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52986
Sample ID: Trip Blank
Sample Type: Water
Site ID: 5-0608

Date Collected:
Time Collected:
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
**Benzene	ND	mg/l	0.0010	1.0	4/15/05	22:59	B.Herford	8260B	1338
**Toluene	ND	mg/l	0.0010	1.0	4/15/05	22:59	B.Herford	8260B	1338
**Ethylbenzene	ND	mg/l	0.0010	1.0	4/15/05	22:59	B.Herford	8260B	1338
**Xylenes (Total)	ND	mg/l	0.0010	1.0	4/15/05	22:59	B.Herford	8260B	1338
**Methyl-t-butyl ether	ND	mg/l	0.0010	1.0	4/15/05	22:59	B.Herford	8260B	1338

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	96.	70. - 130.
VOA Surr Toluene-d8	101.	78. - 121.
VOA Surr, 4-BFB	115.	78. - 126.
VOA Surr, DBFM	97.	79. - 122.

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.
** = NELAC E87358 Certified Analyte

End of Sample Report.

TestAmerica
ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Drive • Nashville, Tennessee 37204
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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52987
Sample ID: Trip Blank
Sample Type: Water
Site ID: 5-0608

Date Collected:
Time Collected:
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
**Benzene	ND	mg/l	0.0010	1.0	4/15/05	23:32	B.Herford	8260B	1338
**Toluene	ND	mg/l	0.0010	1.0	4/15/05	23:32	B.Herford	8260B	1338
**Ethylbenzene	ND	mg/l	0.0010	1.0	4/15/05	23:32	B.Herford	8260B	1338
**Xylenes (Total)	ND	mg/l	0.0010	1.0	4/15/05	23:32	B.Herford	8260B	1338
**Methyl-t-butyl ether	ND	mg/l	0.0010	1.0	4/15/05	23:32	B.Herford	8260B	1338

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	97.	70. - 130.
VOA Surr Toluene-d8	103.	78. - 121.
VOA Surr, 4-BFB	114.	78. - 126.
VOA Surr, DBFM	96.	79. - 122.

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.
** = NELAC E87358 Certified Analyte

End of Sample Report.

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ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A52988
Sample ID: S-4
Sample Type: Soil
Site ID: 5-0608

Project:
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 10:06
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Diesel Range)	ND	mg/kg	10.0	1.0	4/16/05	23:02	B. Yanna	8015B	1583
**Naphthalene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Acenaphthene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Fluorene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Benzo(a)anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Benzo(a)pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Benzo(b)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Benzo(k)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Chrysene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Dibenzo(a,h)anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Acenaphthylene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**Phenanthrene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
**2-Methylnapthalene	ND	mg/kg	0.067	1.0	4/17/05	8:05	M. Cauthen	8270C	1547
METALS									
**Arsenic	ND	mg/kg	0.98	1.0	4/15/05	14:44	G.McCord	6010B	61
**Barium	86.3	mg/kg	1.96	1.0	4/15/05	14:44	G.McCord	6010B	61
**Cadmium	ND	mg/kg	0.98	1.0	4/15/05	14:44	G.McCord	6010B	61
**Chromium	7.05	mg/kg	0.98	1.0	4/15/05	14:44	G.McCord	6010B	61
**Lead	6.07	mg/kg	0.98	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

Laboratory Number: 05-A52988
Sample ID: S-4
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
**Mercury	ND	mg/kg	0.0985	1.0	4/16/05	12:17	K. Keller	7471A	50
**Selenium	ND	mg/kg	1.96	1.0	4/15/05	14:44	G.McCord	6010B	61
**Silver	ND	mg/kg	0.98	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.9 gm	1.0 ml	4/16/05		K. Turner	3550
EPH/DRO	25.2 gm	1.0 ml	4/15/05		K. Turner	3550

Surrogate	% Recovery	Target Range
EPH surr-o-Terphenyl	97.	56. - 143.
BNA Surr-Nitrobenzene-d5	70.	10. - 153.
BNA Surr-2-Fluorobiphenyl	67.	35. - 106.
BNA Surr-Terphenyl-d14	80.	41. - 117.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project:
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52989
Sample ID: S-9
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 11:00
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Diesel Range)	ND	mg/kg	10.0	1.0	4/16/05	23:18	B. Yanna	8015B	1583
**Naphthalene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Acenaphthene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Fluorene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Benzo(a)anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Benzo(a)pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Benzo(b)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Benzo(k)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Chrysene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Dibenzo(a,h)anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Acenaphthylene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**Phenanthrene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
**2-Methylnapthalene	ND	mg/kg	0.067	1.0	4/17/05	8:25	M. Cauthen	8270C	1547
METALS									
**Arsenic	ND	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61
**Barium	121.	mg/kg	1.98	1.0	4/15/05	14:44	G.McCord	6010B	61
**Cadmium	ND	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61
**Chromium	9.52	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61
**Lead	8.33	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample report continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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

ANALYTICAL REPORT

Laboratory Number: 05-A52989
Sample ID: S-9
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
**Mercury	ND	mg/kg	0.0971	1.0	4/16/05	12:17	K. Keller	7471A	50
**Selenium	ND	mg/kg	1.98	1.0	4/15/05	14:44	G.McCord	6010B	61
**Silver	ND	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.8 gm	1.0 ml	4/16/05		K. Turner	3550
EPH/DRO	25.1 gm	1.0 ml	4/15/05		K. Turner	3550

Surrogate	% Recovery	Target Range
EPH surr-o-Terphenyl	92.	56. - 143.
BNA Surr-Nitrobenzene-d5	68.	10. - 153.
BNA Surr-2-Fluorobiphenyl	65.	35. - 106.
BNA Surr-Terphenyl-d14	76.	41. - 117.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
ANALYTICAL TESTING CORPORATION

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

ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A52990
Sample ID: S-10
Sample Type: Soil
Site ID: 5-0608

Project:
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 11:04
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Diesel Range)	14.4	mg/kg	10.0	1.0	4/16/05	23:34	B. Yanna	8015B	1583
**Naphthalene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Acenaphthene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Fluorene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Benzo(a)anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Benzo(a)pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Benzo(b)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Benzo(k)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Chrysene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Dibenzo(a,h)anthracene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Acenaphthylene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**Phenanthrene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
**2-Methylnapthalene	ND	mg/kg	0.067	1.0	4/17/05	8:46	M. Cauthen	8270C	1547
METALS									
**Arsenic	3.37	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61
**Barium	120.	mg/kg	1.98	1.0	4/15/05	14:44	G.McCord	6010B	61
**Cadmium	ND	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61
**Chromium	11.3	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61
**Lead	13.1	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A52990
Sample ID: S-10
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
**Mercury	ND	mg/kg	0.100	1.0	4/16/05	12:17	K. Keller	7471A	50
**Selenium	ND	mg/kg	1.98	1.0	4/15/05	14:44	G.McCord	6010B	61
**Silver	ND	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.7 gm	1.0 ml	4/16/05		K. Turner	3550
EPH/DRO	24.9 gm	1.0 ml	4/15/05		K. Turner	3550

Surrogate	% Recovery	Target Range
EPH surr-o-Terphenyl	97.	56. - 143.
BNA Surr-Nitrobenzene-d5	73.	10. - 153.
BNA Surr-2-Fluorobiphenyl	70.	35. - 106.
BNA Surr-Terphenyl-d14	82.	41. - 117.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project:
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52991
Sample ID: S-14
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 11:14
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
**TPH (Diesel Range)	58.8	mg/kg	10.0	1.0	4/16/05	23:49	B. Yanna	8015B	1583
**Naphthalene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Acenaphthene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Anthracene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Fluorene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Pyrene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Benzo(a)anthracene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Benzo(a)pyrene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Benzo(b)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Benzo(k)fluoranthene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Chrysene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Dibenzo(a,h)anthracene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Acenaphthylene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**Phenanthrene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
**2-Methylnapthalene	ND	mg/kg	0.067	1.0	4/17/05	9:06	M. Cauthen	8270C	1547
METALS									
**Arsenic	ND	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61
**Barium	43.4	mg/kg	2.01	1.0	4/15/05	14:44	G.McCord	6010B	61
**Cadmium	ND	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61
**Chromium	5.82	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61
**Lead	5.22	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A52991
Sample ID: S-14
Project:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
**Mercury	ND	mg/kg	0.0976	1.0	4/16/05	12:17	K. Keller	7471A	50
**Selenium	ND	mg/kg	2.01	1.0	4/15/05	14:44	G.McCord	6010B	61
**Silver	ND	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.7 gm	1.0 ml	4/16/05		K. Turner	3550
EPH/DRO	25.0 gm	1.0 ml	4/15/05		K. Turner	3550

Surrogate	% Recovery	Target Range
EPH surr-o-Terphenyl	109.	56. - 143.
BNA Surr-Nitrobenzene-d5	60.	10. - 153.
BNA Surr-2-Fluorobiphenyl	57.	35. - 106.
BNA Surr-Terphenyl-d14	81.	41. - 117.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52992
Sample ID: S-1
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 9:40
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78.9	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	8.83	1.0	4/16/05	1:38	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	0.0020	mg/kg	0.0020	1.0	4/15/05	23:32	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0020	1.0	4/15/05	23:32	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0020	1.0	4/15/05	23:32	J. Adams	8260B	1949
**Xylenes (Total)	ND	mg/kg	0.0020	1.0	4/15/05	23:32	J. Adams	8260B	1949
**Methyl-t-butyl ether	ND	mg/kg	0.0020	1.0	4/15/05	23:32	J. Adams	8260B	1949
METALS									
**Lead	7.91	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.05 g	5.0 ml	4/14/05	9:40	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A52992
Sample ID: S-1
Project: 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5.66 g	10.0 ml	4/15/05	13:20	J. Freeman	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	56. - 145.
VOA Surr, 1,2-DCAd4	79.	72. - 125.
VOA Surr Toluene-d8	97.	80. - 124.
VOA Surr, 4-BFB	93.	25. - 185.
VOA Surr, DBFM	91.	73. - 124.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A52993
Sample ID: S-2
Sample Type: Soil
Site ID: 5-0608

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 9:49
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78.7	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	369.	mg/kg	50.0	50.0	4/16/05	13:23	H. Wagner	8015B	2154
VOLATILE ORGANICS									
**Benzene	ND	mg/kg	0.101	50.0	4/15/05	16:01	J. Adams	8260B	1943
**Ethylbenzene	1.66	mg/kg	0.101	50.0	4/15/05	16:01	J. Adams	8260B	1943
**Toluene	ND	mg/kg	0.101	50.0	4/15/05	16:01	J. Adams	8260B	1943
**Xylenes (Total)	6.66	mg/kg	0.101	50.0	4/15/05	16:01	J. Adams	8260B	1943
**Methyl-t-butyl ether	ND	mg/kg	0.101	50.0	4/15/05	16:01	J. Adams	8260B	1943
METALS									
**Lead	9.09	mg/kg	1.01	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.94 g	5.0 ml	4/14/05	9:49	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A52993
Sample ID: S-2
Project: 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	4.99 g	10.0 ml	4/15/05	13:20	J. Freeman	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	161. #	56. - 145.
VOA Surr, 1,2-DCAd4	79.	72. - 125.
VOA Surr Toluene-d8	88.	80. - 124.
VOA Surr, 4-BFB	88.	25. - 185.
VOA Surr, DBFM	88.	73. - 124.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.
8260 PQL's elevated due to sample matrix.
8021 surrogate outside QC range due to sample matrix.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52994
Sample ID: S-3
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 10:00
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	79.0	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	9.42	1.0	4/16/05	2:35	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	0.0032	mg/kg	0.0019	1.0	4/15/05	23:52	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0019	1.0	4/15/05	23:52	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0019	1.0	4/15/05	23:52	J. Adams	8260B	1949
**Xylenes (Total)	ND	mg/kg	0.0019	1.0	4/15/05	23:52	J. Adams	8260B	1949
**Methyl-t-butyl ether	0.0076	mg/kg	0.0019	1.0	4/15/05	23:52	J. Adams	8260B	1949
METALS									
**Lead	6.10	mg/kg	0.95	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.29 g	5.0 ml	4/14/05	10:00	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A52994
Sample ID: S-3
Project: 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5.31 g	10.0 ml	4/15/05	13:20	J. Freeman	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	69.	56. - 145.
VOA Surr, 1,2-DCAd4	79.	72. - 125.
VOA Surr Toluene-d8	93.	80. - 124.
VOA Surr, 4-BFB	86.	25. - 185.
VOA Surr, DBFM	87.	73. - 124.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52995
Sample ID: S-5
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 10:11
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	72.4	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	10.1	1.0	4/16/05	3:03	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	ND	mg/kg	0.0021	1.0	4/16/05	0:11	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0021	1.0	4/16/05	0:11	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0021	1.0	4/16/05	0:11	J. Adams	8260B	1949
**Xylenes (Total)	ND	mg/kg	0.0021	1.0	4/16/05	0:11	J. Adams	8260B	1949
**Methyl-t-butyl ether	0.0106	mg/kg	0.0021	1.0	4/16/05	0:11	J. Adams	8260B	1949
METALS									
**Lead	11.3	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.70 g	5.0 ml	4/14/05	10:11	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A52995
Sample ID: S-5
Project: 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	4.93 g	10.0 ml	4/15/05	13:20	J. Freeman	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	70.	56. - 145.
VOA Surr, 1,2-DCAd4	83.	72. - 125.
VOA Surr Toluene-d8	97.	80. - 124.
VOA Surr, 4-BFB	88.	25. - 185.
VOA Surr, DBFM	93.	73. - 124.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52996
Sample ID: S-6
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 10:30
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	84.0	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	8.82	1.0	4/16/05	3:32	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	ND	mg/kg	0.0018	1.0	4/16/05	0:31	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0018	1.0	4/16/05	0:31	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0018	1.0	4/16/05	0:31	J. Adams	8260B	1949
**Xylenes (Total)	ND	mg/kg	0.0018	1.0	4/16/05	0:31	J. Adams	8260B	1949
**Methyl-t-butyl ether	ND	mg/kg	0.0018	1.0	4/16/05	0:31	J. Adams	8260B	1949
METALS									
**Lead	8.27	mg/kg	0.96	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.46 g	5.0 ml	4/14/05	10:30	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A52996
Sample ID: S-6
Project: 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5.67 g	10.0 ml	4/15/05	13:20	J. Freeman	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	72.	56. - 145.
VOA Surr, 1,2-DCAd4	76.	72. - 125.
VOA Surr Toluene-d8	93.	80. - 124.
VOA Surr, 4-BFB	84.	25. - 185.
VOA Surr, DBFM	83.	73. - 124.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A52997
Sample ID: S-7
Sample Type: Soil
Site ID: 5-0608

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 10:40
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	76.5	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	9.78	1.0	4/16/05	4:00	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	ND	mg/kg	0.0949	50.0	4/15/05	17:20	J. Adams	8260B	1943
**Ethylbenzene	ND	mg/kg	0.0949	50.0	4/15/05	17:20	J. Adams	8260B	1943
**Toluene	ND	mg/kg	0.0949	50.0	4/15/05	17:20	J. Adams	8260B	1943
**Xylenes (Total)	ND	mg/kg	0.0949	50.0	4/15/05	17:20	J. Adams	8260B	1943
**Methyl-t-butyl ether	ND	mg/kg	0.0949	50.0	4/15/05	17:20	J. Adams	8260B	1943
METALS									
**Lead	5.33	mg/kg	0.95	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.27 g	5.0 ml	4/14/05	10:40	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A52997
Sample ID: S-7
Project: 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5.11 g	10.0 ml	4/15/05	13:20	J. Freeman	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	88.	56. - 145.
VOA Surr, 1,2-DCAd4	74.	72. - 125.
VOA Surr Toluene-d8	94.	80. - 124.
VOA Surr, 4-BFB	85.	25. - 185.
VOA Surr, DBFM	83.	73. - 124.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.
8260 PQL's elevated due to instrument failure. Sample volume was insufficient to repeat without dilution.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A52998
Sample ID: S-8
Sample Type: Soil
Site ID: 5-0608

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 10:50
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	69.7	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	10.3	1.0	4/16/05	4:29	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	0.0079	mg/kg	0.0021	1.0	4/16/05	1:10	J. Adams	8260B	1949
**Ethylbenzene	0.0032	mg/kg	0.0021	1.0	4/16/05	1:10	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0021	1.0	4/16/05	1:10	J. Adams	8260B	1949
**Xylenes (Total)	ND	mg/kg	0.0021	1.0	4/16/05	1:10	J. Adams	8260B	1949
**Methyl-t-butyl ether	0.0141	mg/kg	0.0021	1.0	4/16/05	1:10	J. Adams	8260B	1949
METALS									
**Lead	14.1	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.73 g	5.0 ml	4/14/05	10:50	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A52998
Sample ID: S-8
Project: 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	4.87 g	10.0 ml	4/15/05	13:20	J. Freeman	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	74.	56. - 145.
VOA Surr, 1,2-DCAd4	90.	72. - 125.
VOA Surr Toluene-d8	93.	80. - 124.
VOA Surr, 4-BFB	59.	25. - 185.
VOA Surr, DBFM	97.	73. - 124.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A52999
Sample ID: S-11
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 11:40
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78.2	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	10.6	1.0	4/16/05	4:58	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	0.0027	mg/kg	0.0020	1.0	4/16/05	1:30	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0020	1.0	4/16/05	1:30	J. Adams	8260B	1949
**Toluene	0.0032	mg/kg	0.0020	1.0	4/16/05	1:30	J. Adams	8260B	1949
**Xylenes (Total)	0.0040	mg/kg	0.0020	1.0	4/16/05	1:30	J. Adams	8260B	1949
**Methyl-t-butyl ether	ND	mg/kg	0.0020	1.0	4/16/05	1:30	J. Adams	8260B	1949
METALS									
**Lead	8.09	mg/kg	0.96	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.88 g	5.0 ml	4/14/05	11:40	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A52999
Sample ID: S-11
Project: 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	4.71 g	10.0 ml	4/15/05	13:20	J. Freeman	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	97.	56. - 145.
VOA Surr, 1,2-DCAd4	85.	72. - 125.
VOA Surr Toluene-d8	99.	80. - 124.
VOA Surr, 4-BFB	97.	25. - 185.
VOA Surr, DBFM	95.	73. - 124.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A53000
Sample ID: S-12
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 12:00
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	76.1	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	9.29	1.0	4/16/05	5:26	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	0.0213	mg/kg	0.0022	1.0	4/16/05	1:49	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0022	1.0	4/16/05	1:49	J. Adams	8260B	1949
**Toluene	0.0038	mg/kg	0.0022	1.0	4/16/05	1:49	J. Adams	8260B	1949
**Xylenes (Total)	0.0121	mg/kg	0.0022	1.0	4/16/05	1:49	J. Adams	8260B	1949
**Methyl-t-butyl ether	0.0057	mg/kg	0.0022	1.0	4/16/05	1:49	J. Adams	8260B	1949
METALS									
**Lead	9.00	mg/kg	0.98	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4.57 g	5.0 ml	4/14/05	12:00	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A53000
Sample ID: S-12
Project: 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5.38 g	10.0 ml	4/15/05	13:30	J. Freeman	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	104.	56. - 145.
VOA Surr, 1,2-DCAd4	91.	72. - 125.
VOA Surr Toluene-d8	94.	80. - 124.
VOA Surr, 4-BFB	91.	25. - 185.
VOA Surr, DBFM	94.	73. - 124.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Purchase Order:

Lab Number: 05-A53001
Sample ID: S-13
Sample Type: Soil
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 12:11
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	77.2	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	9.67	1.0	4/16/05	5:54	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	0.0149	mg/kg	0.0019	1.0	4/16/05	2:08	J. Adams	8260B	1949
**Ethylbenzene	0.0029	mg/kg	0.0019	1.0	4/16/05	2:08	J. Adams	8260B	1949
**Toluene	0.0029	mg/kg	0.0019	1.0	4/16/05	2:08	J. Adams	8260B	1949
**Xylenes (Total)	0.0065	mg/kg	0.0019	1.0	4/16/05	2:08	J. Adams	8260B	1949
**Methyl-t-butyl ether	0.0039	mg/kg	0.0019	1.0	4/16/05	2:08	J. Adams	8260B	1949
METALS									
**Lead	13.0	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.25 g	5.0 ml	4/14/05	12:11	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A53001
Sample ID: S-13
Project: 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5.17 g	10.0 ml	4/15/05	13:30	J. Freeman	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	99.	56. - 145.
VOA Surr, 1,2-DCAd4	92.	72. - 125.
VOA Surr Toluene-d8	95.	80. - 124.
VOA Surr, 4-BFB	87.	25. - 185.
VOA Surr, DBFM	96.	73. - 124.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A53002
Sample ID: S-15
Sample Type: Soil
Site ID: 5-0608

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 12:24
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	96.0	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	10.2	1.0	4/16/05	6:23	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	ND	mg/kg	0.0019	1.0	4/16/05	2:28	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0019	1.0	4/16/05	2:28	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0019	1.0	4/16/05	2:28	J. Adams	8260B	1949
**Xylenes (Total)	ND	mg/kg	0.0019	1.0	4/16/05	2:28	J. Adams	8260B	1949
**Methyl-t-butyl ether	ND	mg/kg	0.0019	1.0	4/16/05	2:28	J. Adams	8260B	1949
METALS									
**Lead	2.76	mg/kg	0.99	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.34 g	5.0 ml	3/30/05	12:24	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A53002
Sample ID: S-15
Project: 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	4.91 g	10.0 ml	4/15/05	13:30	J. Freeman	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	77.	56. - 145.
VOA Surr, 1,2-DCAd4	88.	72. - 125.
VOA Surr Toluene-d8	91.	80. - 124.
VOA Surr, 4-BFB	83.	25. - 185.
VOA Surr, DBFM	93.	73. - 124.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Lab Number: 05-A53003
Sample ID: S-16
Sample Type: Soil
Site ID: 5-0608

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Date Collected: 4/14/05
Time Collected: 12:20
Date Received: 4/15/05
Time Received: 7:45
Page: 1

Purchase Order:

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	97.1	%		1.0	4/15/05		A. Runnels	CLP	58
ORGANIC PARAMETERS									
**TPH (Gasoline Range)	ND	mg/kg	9.73	1.0	4/16/05	6:51	H. Wagner	8015B	675
VOLATILE ORGANICS									
**Benzene	ND	mg/kg	0.0020	1.0	4/16/05	2:47	J. Adams	8260B	1949
**Ethylbenzene	ND	mg/kg	0.0020	1.0	4/16/05	2:47	J. Adams	8260B	1949
**Toluene	ND	mg/kg	0.0020	1.0	4/16/05	2:47	J. Adams	8260B	1949
**Xylenes (Total)	0.0037	mg/kg	0.0020	1.0	4/16/05	2:47	J. Adams	8260B	1949
**Methyl-t-butyl ether	ND	mg/kg	0.0020	1.0	4/16/05	2:47	J. Adams	8260B	1949
METALS									
**Lead	1.99	mg/kg	1.00	1.0	4/15/05	14:44	G.McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5.09 g	5.0 ml	3/30/05	12:20	N. Noman	5035

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A53003
Sample ID: S-16
Project: 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5.14 g	10.0 ml	4/15/05	13:30	J. Freeman	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	81.	56. - 145.
VOA Surr, 1,2-DCAd4	87.	72. - 125.
VOA Surr Toluene-d8	93.	80. - 124.
VOA Surr, 4-BFB	86.	25. - 185.
VOA Surr, DBFM	92.	73. - 124.

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
ANALYTICAL TESTING CORPORATION

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

PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608
Page: 1
Laboratory Receipt Date: 4/15/05

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	6.33	10.0	63	52. - 150.	2154	53294
TPH (Diesel Range)	mg/kg	< 10.0	32.5	40.0	81	28. - 143.	1583	blank
2-Methylnapthalene	mg/kg	< 0.066	1.39	1.67	83	30. - 122.	1547	'52493
Naphthalene	mg/kg	< 0.066	1.39	1.67	83	23. - 121.	1547	'52493
Acenaphthene	mg/kg	< 0.066	1.42	1.67	85	41. - 112.	1547	'52493
Anthracene	mg/kg	< 0.066	1.62	1.67	97	47. - 123.	1547	'52493
Fluoranthene	mg/kg	< 0.066	1.58	1.67	95	45. - 126.	1547	'52493
Fluorene	mg/kg	< 0.066	1.48	1.67	89	38. - 121.	1547	'52493
Pyrene	mg/kg	< 0.066	1.55	1.67	93	38. - 141.	1547	'52493
Benzo(a)anthracene	mg/kg	< 0.066	1.62	1.67	97	36. - 138.	1547	'52493
Benzo(a)pyrene	mg/kg	< 0.066	1.65	1.67	99	34. - 138.	1547	'52493
Benzo(b)fluoranthene	mg/kg	< 0.066	1.55	1.67	93	30. - 137.	1547	'52493
Benzo(k)fluoranthene	mg/kg	< 0.066	1.72	1.67	103	28. - 142.	1547	'52493
Chrysene	mg/kg	< 0.066	1.52	1.67	91	33. - 137.	1547	'52493
Dibenzo(a,h)anthracene	mg/kg	< 0.066	1.58	1.67	95	19. - 149.	1547	'52493
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.066	1.55	1.67	93	21. - 146.	1547	'52493
Acenaphthylene	mg/kg	< 0.066	1.55	1.67	93	42. - 116.	1547	'52493
Phenanthrene	mg/kg	< 0.066	1.48	1.67	89	42. - 123.	1547	'52493
VOA PARAMETERS								
Benzene	mg/l	< 0.0010	0.0583	0.0500	117	62 - 146	1338	52471
Benzene	mg/kg	0.0030	0.0416	0.0500	77	53 - 136	1949	50730
Benzene	mg/kg	0.0040	0.0530	0.0500	98	53 - 136	1943	05-A50986
Toluene	mg/l	< 0.0010	0.0625	0.0500	125	68 - 141	1338	52471
Toluene	mg/kg	0.0052	0.0438	0.0500	77	43 - 139	1949	50730
Toluene	mg/kg	0.0054	0.0514	0.0500	92	43 - 139	1943	05-A50986
VOA Surr, 1,2-DCAd4	% Rec				86	72 - 125	1949	

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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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 Samp
VOA Surr, 1,2-DCAd4	% Rec				80	72 - 125	1943	
VOA Surr Toluene-d8	% Rec				97	80 - 124	1949	
VOA Surr Toluene-d8	% Rec				90	80 - 124	1943	
VOA Surr, 4-BFB	% Rec				111	25 - 185	1949	
VOA Surr, 4-BFB	% Rec				95	25 - 185	1943	
VOA Surr, DBFM	% Rec				95	73 - 124	1949	
VOA Surr, DBFM	% Rec				95	73 - 124	1943	
METALS								
Arsenic	mg/kg	< 0.98	19.0	20.0	95	75. - 125.	61	'52988
Barium	mg/kg	86.3	475.	400.	97	75. - 125.	61	'52988
Cadmium	mg/kg	< 0.98	18.0	20.0	90	75. - 125.	61	'52988
Chromium	mg/kg	7.05	42.9	40.0	90	75. - 125.	61	'52988
Lead	mg/kg	6.07	101.	100.	95	75. - 125.	61	'52988
Mercury	mg/kg	< 0.0985	0.177	0.170	104	77. - 130.	50	05-A53008
Selenium	mg/kg	< 1.96	15.3	20.0	76	75. - 125.	61	'52988
Silver	mg/kg	< 0.98	8.63	10.0	86	75. - 125.	61	'52988

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/kg	6.33	6.99	9.91	39.	2154
TPH (Diesel Range)	mg/kg	32.5	34.1	4.80	51.	1583
Naphthalene	mg/kg	1.39	1.45	4.23	37.	1547
Acenaphthene	mg/kg	1.42	1.52	6.80	34.	1547
Anthracene	mg/kg	1.62	1.72	5.99	28.	1547

Project QC continued . . .

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Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Fluoranthene	mg/kg	1.58	1.68	6.13	33.	1547
Fluorene	mg/kg	1.48	1.58	6.54	30.	1547
Pyrene	mg/kg	1.55	1.62	4.42	33.	1547
Benzo(a)anthracene	mg/kg	1.62	1.72	5.99	31.	1547
Benzo(a)pyrene	mg/kg	1.65	1.75	5.88	31.	1547
Benzo(b)fluoranthene	mg/kg	1.55	1.65	6.25	40.	1547
Benzo(k)fluoranthene	mg/kg	1.72	1.72	0.00	33.	1547
Chrysene	mg/kg	1.52	1.58	3.87	31.	1547
Dibenzo(a,h)anthracene	mg/kg	1.58	1.68	6.13	34.	1547
Indeno(1,2,3-cd)pyrene	mg/kg	1.55	1.65	6.25	34.	1547
Acenaphthylene	mg/kg	1.55	1.58	1.92	30.	1547
Phenanthrene	mg/kg	1.48	1.55	4.62	33.	1547
2-Methylnapthalene	mg/kg	1.39	1.52	8.93	41.	1547
VOA PARAMETERS						
Benzene	mg/l	0.0583	0.0563	3.49	25.	1338
Benzene	mg/kg	0.0416	0.0460	10.05	34.	1949
Benzene	mg/kg	0.0530	0.0410	25.53	34.	1943
Toluene	mg/l	0.0625	0.0580	7.47	29.	1338
Toluene	mg/kg	0.0438	0.0485	10.18	39.	1949
Toluene	mg/kg	0.0514	0.0396	25.93	39.	1943
VOA Surr 1,2-DCA-d4	% Rec		94.			1338
VOA Surr, 1,2-DCAd4	% Rec		79.			1949
VOA Surr, 1,2-DCAd4	% Rec		76.			1943
VOA Surr Toluene-d8	% Rec		101.			1338
VOA Surr Toluene-d8	% Rec		96.			1949
VOA Surr Toluene-d8	% Rec		92.			1943
VOA Surr, 4-BFB	% Rec		105.			1338
VOA Surr, 4-BFB	% Rec		104.			1949
VOA Surr, 4-BFB	% Rec		92.			1943
VOA Surr, DBFM	% Rec		97.			1338
VOA Surr, DBFM	% Rec		85.			1949

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Laboratory Receipt Date: 4/15/05

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
VOA Surr, DBFM	% Rec		75.			1943
METALS						
Arsenic	mg/kg	19.0	19.6	3.11	20	61
Barium	mg/kg	475.	464.	2.34	20	61
Cadmium	mg/kg	18.0	17.5	2.82	20	61
Chromium	mg/kg	42.9	41.5	3.32	20	61
Lead	mg/kg	101.	97.7	3.32	20	61
Mercury	mg/kg	0.177	0.154	13.90	20	50
Selenium	mg/kg	15.3	15.5	1.30	20	61
Silver	mg/kg	8.63	8.25	4.50	20	61

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/kg	10.0	9.66	97	74 - 127	675
TPH (Gasoline Range)	mg/kg	10.0	9.62	96	74 - 127	2154
TPH (Diesel Range)	mg/kg	40.0	35.1	88	54 - 126	1583
2-Methylnapthalene	mg/kg	1.67	1.72	103	48 - 111	1547
UST PARAMETERS						
Naphthalene	mg/kg	1.67	1.68	101	43 - 107	1547
Acenaphthene	mg/kg	1.67	1.72	103	52 - 108	1547
Anthracene	mg/kg	1.67	1.91	114	56 - 123	1547
Fluoranthene	mg/kg	1.67	1.85	111	58 - 118	1547
Fluorene	mg/kg	1.67	1.75	105	50 - 115	1547
Pyrene	mg/kg	1.67	1.75	105	39 - 141	1547
Benzo(a)anthracene	mg/kg	1.67	1.88	113	41 - 138	1547

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Laboratory Receipt Date: 4/15/05

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Benzo(a)pyrene	mg/kg	1.67	1.95	117	39 - 138	1547
Benzo(b)fluoranthene	mg/kg	1.67	1.68	101	34 - 136	1547
Benzo(k)fluoranthene	mg/kg	1.67	1.98	119	32 - 142	1547
Chrysene	mg/kg	1.67	1.72	103	38 - 135	1547
Dibenzo(a,h)anthracene	mg/kg	1.67	1.82	109	25 - 149	1547
Indeno(1,2,3-cd)pyrene	mg/kg	1.67	1.82	109	25 - 146	1547
Acenaphthylene	mg/kg	1.67	1.85	111	54 - 111	1547
Phenanthrene	mg/kg	1.67	1.72	103	55 - 115	1547
VOA PARAMETERS						
Benzene	mg/l	0.0500	0.0546	109	76 - 127	1338
Benzene	mg/kg	0.0500	0.0529	106	76 - 124	1943
Benzene	mg/kg	0.0500	0.0439	88	76 - 124	1949
Ethylbenzene	mg/l	0.0500	0.0576	115	80 - 124	1338
Ethylbenzene	mg/kg	0.0500	0.0535	107	70 - 128	1943
Ethylbenzene	mg/kg	0.0500	0.0496	99	70 - 128	1949
Toluene	mg/l	0.0500	0.0551	110	79 - 124	1338
Toluene	mg/kg	0.0500	0.0524	105	72 - 125	1943
Toluene	mg/kg	0.0500	0.0480	96	72 - 125	1949
Xylenes (Total)	mg/l	0.150	0.174	116	80 - 125	1338
Xylenes (Total)	mg/kg	0.150	0.162	108	71 - 129	1943
Xylenes (Total)	mg/kg	0.150	0.148	99	71 - 129	1949
Methyl-t-butyl ether	mg/l	0.0500	0.0529	106	66 - 136	1338
Methyl-t-butyl ether	mg/kg	0.0500	0.0500	100	67 - 138	1943
Methyl-t-butyl ether	mg/kg	0.0500	0.0404	81	67 - 138	1949
VOA Surr 1,2-DCA-d4	% Rec			93	70 - 130	1338
VOA Surr, 1,2-DCAd4	% Rec			85	72 - 125	1943
VOA Surr, 1,2-DCAd4	% Rec			67	72 - 125	1949
VOA Surr Toluene-d8	% Rec			102	78 - 121	1338
VOA Surr Toluene-d8	% Rec			93	80 - 124	1943
VOA Surr Toluene-d8	% Rec			93	80 - 124	1949
VOA Surr, 4-BFB	% Rec			101	78 - 126	1338

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608

Laboratory Receipt Date: 4/15/05

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA Surr, 4-BFB	% Rec			87	25 - 185	1943
VOA Surr, 4-BFB	% Rec			87	25 - 185	1949
VOA Surr, DBFM	% Rec			99	79 - 122	1338
VOA Surr, DBFM	% Rec			91	73 - 124	1943
VOA Surr, DBFM	% Rec			75	73 - 124	1949
METALS						
Arsenic	mg/kg	20.0	18.2	91	80 - 120	61
Barium	mg/kg	400.	392.	98	80 - 120	61
Cadmium	mg/kg	20.0	18.8	94	80 - 120	61
Chromium	mg/kg	40.0	38.2	96	80 - 120	61
Lead	mg/kg	100.	95.0	95	80 - 120	61
Mercury	mg/kg	0.170	0.197	116 #	85 - 115	50
Selenium	mg/kg	20.0	16.8	84	80 - 120	61
Silver	mg/kg	10.0	9.20	92	75 - 125	61

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					

Project QC continued . . .

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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
TPH (Gasoline Range)	< 0.52	mg/kg	675	4/16/05	0:41
TPH (Gasoline Range)	< 0.52	mg/kg	2154	4/16/05	12:26
TPH (Diesel Range)	< 10.0	mg/kg	1583	4/16/05	21:25
Naphthalene	< 0.066	mg/kg	1547	4/17/05	4:22
Acenaphthene	< 0.066	mg/kg	1547	4/17/05	4:22
Anthracene	< 0.066	mg/kg	1547	4/17/05	4:22
Fluoranthene	< 0.066	mg/kg	1547	4/17/05	4:22
Fluorene	< 0.066	mg/kg	1547	4/17/05	4:22
Pyrene	< 0.066	mg/kg	1547	4/17/05	4:22
Benzo(a)anthracene	< 0.066	mg/kg	1547	4/17/05	4:22
Benzo(a)pyrene	< 0.066	mg/kg	1547	4/17/05	4:22
Benzo(b)fluoranthene	< 0.066	mg/kg	1547	4/17/05	4:22
Benzo(k)fluoranthene	< 0.066	mg/kg	1547	4/17/05	4:22
Chrysene	< 0.066	mg/kg	1547	4/17/05	4:22
Dibenzo(a,h)anthracene	< 0.066	mg/kg	1547	4/17/05	4:22
Indeno(1,2,3-cd)pyrene	< 0.066	mg/kg	1547	4/17/05	4:22
Acenaphthylene	< 0.066	mg/kg	1547	4/17/05	4:22
Phenanthrene	< 0.066	mg/kg	1547	4/17/05	4:22
2-Methylnapthalene	< 0.066	mg/kg	1547	4/17/05	4:22
UST surr-Trifluorotoluene	69.	% Recovery	675	4/16/05	0:41
UST surr-Trifluorotoluene	78.	% Recovery	2154	4/16/05	12:26
EPH surr-o-Terphenyl	97.	% Recovery	1583	4/16/05	21:25
VOA PARAMETERS					
Benzene	< 0.0003	mg/l	1338	4/15/05	16:33
Benzene	< 0.0008	mg/kg	1943	4/15/05	9:45
Benzene	< 0.0008	mg/kg	1949	4/15/05	23:13
Ethylbenzene	< 0.0002	mg/l	1338	4/15/05	16:33
Ethylbenzene	< 0.0005	mg/kg	1943	4/15/05	9:45
Ethylbenzene	< 0.0005	mg/kg	1949	4/15/05	23:13
Toluene	< 0.0002	mg/l	1338	4/15/05	16:33
Toluene	< 0.0005	mg/kg	1943	4/15/05	9:45

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Project Name: EXXONMOBIL 5-0608

Laboratory Receipt Date: 4/15/05

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Toluene	< 0.0005	mg/kg	1949	4/15/05	23:13
Xylenes (Total)	0.0006	mg/l	1338	4/15/05	16:33
Xylenes (Total)	< 0.0013	mg/kg	1943	4/15/05	9:45
Xylenes (Total)	< 0.0013	mg/kg	1949	4/15/05	23:13
Methyl-t-butyl ether	< 0.0002	mg/l	1338	4/15/05	16:33
Methyl-t-butyl ether	< 0.0009	mg/kg	1943	4/15/05	9:45
Methyl-t-butyl ether	< 0.0009	mg/kg	1949	4/15/05	23:13
VOA Surr 1,2-DCA-d4	96.	% Rec	1338	4/15/05	16:33
VOA Surr, 1,2-DCAd4	83.	% Rec	1943	4/15/05	9:45
VOA Surr, 1,2-DCAd4	84.	% Rec	1949	4/15/05	23:13
VOA Surr Toluene-d8	102.	% Rec	1338	4/15/05	16:33
VOA Surr Toluene-d8	97.	% Rec	1943	4/15/05	9:45
VOA Surr Toluene-d8	94.	% Rec	1949	4/15/05	23:13
VOA Surr, 4-BFB	111.	% Rec	1338	4/15/05	16:33
VOA Surr, 4-BFB	86.	% Rec	1943	4/15/05	9:45
VOA Surr, 4-BFB	87.	% Rec	1949	4/15/05	23:13
VOA Surr, DBFM	98.	% Rec	1338	4/15/05	16:33
VOA Surr, DBFM	87.	% Rec	1943	4/15/05	9:45
VOA Surr, DBFM	90.	% Rec	1949	4/15/05	23:13
METALS					
Arsenic	< 0.70	mg/kg	61	4/15/05	14:44
Barium	< 0.20	mg/kg	61	4/15/05	14:44
Cadmium	< 0.10	mg/kg	61	4/15/05	14:44
Chromium	< 0.40	mg/kg	61	4/15/05	14:44
Lead	< 0.50	mg/kg	61	4/15/05	14:44
Mercury	< 0.0330	mg/kg	50	4/16/05	12:17
Selenium	< 1.90	mg/kg	61	4/15/05	14:44
Silver	< 0.50	mg/kg	61	4/15/05	14:44

Project QC continued . . .

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= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 412801

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM

BC# 412801

Client Name: CRA

Cooler Received/Opened On: 4/15/05 **Accessioned By:** Shane Gambill

Log-in Personnel Signature

1. Temperature of Cooler when triaged: 2.0 **Degrees Celsius**
2. Were custody seals on outside of cooler?..... YES...NO...NA
   a. If yes, how many, and where: 1 Front
3. Were custody seals on containers?..... 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. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

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

19. If a Non-Conformance exists, see attached or comments below:

2957/2968

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

CHAIN OF CUSTODY RECORD
Toll Free: 800-765-0980
Fax: 615-726-3404

10375

ExxonMobil

412801

Consultant Name: CRA
Consultant Project Number: 25881-02
Address: 4915 S. Sherwood Forest Blvd.
Report To: Seth Domangue, CRA
City/State/Zip: Baton Rouge, LA
Invoice To: ExxonMobil
Phone Number: (225) 292-9007 / fax (225) 292-3614
Account #:
ExxonMobil Project Mgr: Dale Gomm
P.O. #: 4506101878
Facility ID # Former Exxon 5-0608
Sampler Name: (Print) Cliff D. Corder
Site Address 4555 Essen Lane
Sampler Signature:
City, State Zip Baton Rouge, Louisiana

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)	Methonol/Sodium Bisulfate	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: BTEX/MTBE 8260B	LEAD 6010B	TPH-GRO (C6-C10) 8015B	RCRA Metals 6000/7000	TPH-ORO 8015B	TPH-DRO(C10-C28) 8015B	PAHs 8270C	Hold for possible SPLP					RUSH TAT (Pre-Schedule)	TAT request (4 Bus. Days	STD TAT	Fax Results
S-1 52992	04/14/05	0940	7	x			x							x					x		x	x	x					x					x		x
S-2 93	04/14/05	0949	7	x			x							x					x		x	x	x					x					x		x
S-3 94	04/14/05	1000	7	x			x							x					x		x	x	x					x					x		x
S-4 52988	04/14/05	1006	7	x			x							x					x					x		x	x	x					x		x
S-5 95	04/14/05	1011	7	x			x							x					x		x	x	x					x					x		x
S-6 96	04/14/05	1030	7	x			x							x					x		x	x	x					x					x		x
S-7 97	04/14/05	1040	7	x			x							x					x		x	x	x					x					x		x
S-8 98	04/14/05	1050	7	x			x							x					x		x	x	x					x					x		x
S-9 52989	04/14/05	1100	7	x			x							x					x					x		x	x	x					x		x
S-10 ↓90	04/14/05	1104	7	x			x							x					x					x		x	x	x					x		x
S-11 99	04/14/05	1140	7	x			x							x					x		x	x	x					x					x		x
S-12 53000	04/14/05	1200	7	x			x							x					x		x	x	x					x					x		x
S-13 ↓01	04/14/05	1211	7	x			x							x					x		x	x	x					x					x		x
S-14 52991	04/14/05	1114	7	x			x							x					x					x		x	x	x					x		x

Special Instructions:

FedEx No. 845417652957 845417652968

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

Relinquished by:	Date	Time	Received by:	Date	Time
	04/14/05	1420	Fed Ex Courier		
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				4/15/05	7:45

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

CHAIN OF CUSTODY RECORD
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

412801

Consultant Name: CRA
Address: 4915 S. Sherwood Forest Blvd.
City/State/Zip: Baton Rouge, LA
Phone Number: (225) 292-9007 / fax (225) 292-3614
ExxonMobil Project Mgr: Dale Gomm

Consultant Project Number: 25881-02
Report To: Seth Domangue, CRA
Invoice To: ExxonMobil
Account #:
EWR #: 4506101878
Facility ID # Former Exxon 5-0608
Site Address 4555 Essen Lane
City, State Zip Baton Rouge, Louisiana

Sampler Name: (Print) Cliff D. Corder
Sampler Signature:

REVISED

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: BTEX/MTBE 8260B	LEAD 6010B	TPH-GRO (C6-C10) 8015B	RCRA Metals 6000/7000	TPH-ORO 8015B	TPH-DRO(C10-C28) 8015B	PAHs 8270C	Hold for possible SPLP	RUSH TAT (Pre-Schedule)	TAT request (4 Bus. Days)	STD TAT	Fax Results
S-15 53002	03/30/05	1224	7	x			x							x					x		x	x	x					x	x			x
S-16 ↓03	03/30/05	1220	7	x			x							x					x		x	x	x					x	x			x
Trip Blank 52986	-	-	1				x		x								x				x								x			x
Trip Blank ↓87	-	-	1				x		x								x				x								x			x

Special Instructions:

FedEx No. see page 1

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

Relinquished by:	Date	Time	Received by:	Date	Time
	04/14/05	1430	FedEx Courier		
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
				4/15/05	7:45

TestAmerica
ANALYTICAL TESTING CORPORATION

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4/18/05

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

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

Project Name: EXXONMOBIL 5-0608
Project Number: 25881-02.
Laboratory Project Number: 412801.

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 accreditation.

Sample Identification	Lab Number	Collection Date
Trip Blank	05-A52986	
Trip Blank	05-A52987	
S-4	05-A52988	4/14/05
S-9	05-A52989	4/14/05
S-10	05-A52990	4/14/05
S-14	05-A52991	4/14/05
S-1	05-A52992	4/14/05
S-2	05-A52993	4/14/05
S-3	05-A52994	4/14/05
S-5	05-A52995	4/14/05
S-6	05-A52996	4/14/05
S-7	05-A52997	4/14/05
S-8	05-A52998	4/14/05
S-11	05-A52999	4/14/05
S-12	05-A53000	4/14/05
S-13	05-A53001	4/14/05

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Sample Identification	Lab Number	Collection Date
S-15	05-A53002	4/14/05
S-16	05-A53003	4/14/05

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: Roxanne L Connor Report Date: 4/18/05

Johnny A. Mitchell, Laboratory Director
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Senior Project Manager
Eric S. Smith, QA/QC Director
Sandra McMillin, Technical Services
Gail A. Lage, Senior Project Manager
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Senior Project Manag

Laboratory Certification Number: 01945

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Lab Number: 05-A55007
Sample ID: S-2
Sample Type: Solid waste
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 9:49
Date Received: 4/19/05
Time Received: 7:45
Page: 1

Purchase Order: !

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
**Benzene	0.00210	mg/l	0.00100	0.00100	1	4/24/05	10:30	F.Gundi	8021B	8078
**Methyl-t-butylether	0.0007	mg/l	0.0010	0.0010	1	4/24/05	10:30	F.Gundi	8021B	8078
**TPH (Gasoline Range)	3.99	mg/l	0.100	0.100	1	4/24/05	10:30	F.Gundi	8015B	8078

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
SPLP Extraction			4/20/05		B.Minor	1312

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	99.	63. - 134.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A55007
Sample ID: S-2
Project: 25881-02

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

Project: 25881-02
Project Name: EXXONMOBIL 5-0608
Sampler: CLIFF D.CORDER

Lab Number: 05-A55008
Sample ID: S-7
Sample Type: Solid waste
Site ID: 5-0608

Date Collected: 4/14/05
Time Collected: 10:40
Date Received: 4/19/05
Time Received: 7:45
Page: 1

Purchase Order: !

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Date	Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
**Benzene	ND	mg/l	0.00100	0.00100	1	4/23/05	17:43	F.Gundi	8021B	4216
**Methyl-t-butylether	ND	mg/l	0.0010	0.0010	1	4/23/05	17:43	F.Gundi	8021B	4216

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
SPLP Extraction			4/20/05		B.Minor	1312

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	95.	63. - 134.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 05-A55008
Sample ID: S-7
Project: 25881-02

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.
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608
Page: 1
Laboratory Receipt Date: 4/19/05

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								
Benzene	mg/l	< 0.00019	0.0418	0.0500	84	50. - 160.	4216	blank
Methyl-t-butylether	mg/l	< 0.0002	0.0409	0.0500	82	36. - 159.	4216	blank
BTEX/GRO Surr., a,a,a-TFT	% Recovery				98	63 - 134	4216	

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.0418	0.0462	10.00	30.	4216
Methyl-t-butylether	mg/l	0.0409	0.0441	7.53	34.	4216
BTEX/GRO Surr., a,a,a-TFT	% Recovery		97.			4216

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/l	0.100	0.0907	91	72 - 118	4216
Benzene	mg/l	0.100	0.0907	91	72 - 118	8078

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608
Page: 2
Laboratory Receipt Date: 4/19/05

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Methyl-t-butylether	mg/l	0.100	0.0866	87	57 - 127	4216
Methyl-t-butylether	mg/l	0.100	0.0834	83	57 - 127	8078
TPH (Gasoline Range)	mg/l	1.00	0.967	97	64 - 130	8078
BTEX/GRO Surr., a,a,a-TFT	% Recovery			98	63 - 134	4216
BTEX/GRO Surr., a,a,a-TFT	% Recovery			99	63 - 134	8078

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					
Benzene	< 0.00019	mg/l	4216	4/23/05	17:19
Benzene	< 0.00019	mg/l	8078	4/24/05	4:40
Methyl-t-butylether	< 0.0002	mg/l	4216	4/23/05	17:19
Methyl-t-butylether	< 0.0002	mg/l	8078	4/24/05	4:40
TPH (Gasoline Range)	< 0.0550	mg/l	8078	4/24/05	4:40

Project QC continued . . .

TestAmerica
ANALYTICAL TESTING CORPORATION

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PROJECT QUALITY CONTROL DATA
Project Number: 25881-02
Project Name: EXXONMOBIL 5-0608
Page: 3
Laboratory Receipt Date: 4/19/05

BTEX/GRO Surr., a,a,a-TFT	94.	% Recovery	4216	4/23/05	17:19
BTEX/GRO Surr., a,a,a-TFT	96.	% Recovery	8078	4/24/05	4:40

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 413252

Sample Range: 52986-53003
Analyst: 197

Process: Add Compounds (not requested on COC)
Action: Corrected action not chosen

Comments: Per an email from Seth Domangue:Please run the following samples for SPLP benzene and SPLP MTBE:

S-2 52993 SOIL 4V 3-20Z
S-7 52997 SOIL 4V - 3:20Z

In addition, please run sample S-2 for SPLP TPH-GRO

Please attach this email to the signed lab report to serve as authorization for the above *referenced analyses. Call with questions.*

Thanks in advance,

Seth Domangue

SCOTT OR THOMAS, COULD YOU FIND THESE AND GIVE THEM TO SHANE.

THANKS
SHANNON

N212
N207

TestAmerica
INCORPORATED

Sample NonConformance/COC Revision Form

Initiated by:	sduncan	**Phone:**	225-292-9007	**NC Closed**	☐
Client Name:	CONESTOGA RO	**Sample Range:**	52986-53003	**Date Closed**	
Client Contact:		**SDG:**	412801		
Client Account:	10318	**Analyst:**	197		
Date Created:	4/19/2005	**Supervisor:**	Mark Hollingsworth		
NC #:		**NC Type:**			
Project Name:		**Terminal Manager:**	DALE GOMM		
Project Number:					
Project Origin					
Regulatory :					

Process: Add Compounds (not requested on COC) **Corrected By:** Shane Gambill

Action: Corrected action not chosen **Closed:** ☐

Comments: Per an email from Seth Domangue:Please run the following samples for SPLP benzene and SPLP MTBE:

S-2
S-7

In addition, please run sample S-2 for SPLP TPH-GRO

Please attach this email to the signed lab report to serve as authorization for the above referenced analyses. Call with questions.

Thanks in advance,

Seth Domangue

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville Division

COOLER RECEIPT FORM BC# 413252

Client Name: CRA

Cooler Received/Opened On: 4/15/05 Accessioned By: Shane Gambill

Log-In Personnel Signature

1. Temperature of Cooler when triaged: 2.0 Degrees Celsius
2. Were custody seals on outside of cooler?..... YES...NO...NA
   a. If yes, how many, and where: 1 Front
3. Were custody seals on containers?..... 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. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

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

19. If a Non-Conformance exists, see attached or comments below:

2457/2968

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

CHAIN OF CUSTODY RECORD
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

412801 04/15/05

413252

Consultant Name: CRA
Address: 4915 S. Sherwood Forest Blvd.
City/State/Zip: Baton Rouge, LA
Phone Number: (225) 292-9007 / fax (225) 292-3614
nMobil Project Mgr: Dale Gomm

Consultant Project Number: 25881-02
Report To: Seth Domangue, CRA
Invoice To: ExxonMobil
Account #:
P.O. #: 4506101878
Facility ID # Former Exxon 5-0608
Site Address 4555 Essen Lane
City, State Zip Baton Rouge, Louisiana

Sampler Name: (Print) Cliff D. Corder
Sampler Signature: [signature]

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$_2$SO$_4$ Plastic (Yellow Label)	H$_2$SO$_4$ Glass (Yellow Label)	None (Black Label)	Methanol/Sodium Bisulfate	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: BTEX/MTBE 8260B	LEAD 6010B	TPH-GRO (C6-C10) 8015B	RCRA Metals 6000/7000	TPH-ORO 8015B	TPH-DRO(C10-C28) 8015B	PAHs 8270C	Hold for possible SPLP					RUSH TAT (Pre-Schedule	TAT request (4 Bus. Days)	STD TAT	Fax Results
S-1 ~~52992~~ 04/14/05	04/14/05	0940	7	x			x							x					x		x	x	x					x					x			x
S-2 55007 ~~93~~	04/14/05	0949	7	x			x							x					x		x	x	x					x					x			x
S-3 ~~94~~	04/14/05	1000	7	x			x							x					x		x	x	x					x					x			x
S-4 ~~52988~~	04/14/05	1006	7	x			x							x					x					x		x	x	x					x			x
S-5 ~~95~~	04/14/05	1011	7	x			x							x					x		x	x	x					x					x			x
S-6 ~~96~~	04/14/05	1030	7	x			x							x					x		x	x	x					x					x			x
S-7 55008 ~~97~~	04/14/05	1040	7	x			x							x					x		x	x	x					x					x			x
S-8 ~~98~~	04/14/05	1050	7	x			x							x					x		x	x	x					x					x			x
S-9 ~~52989~~	04/14/05	1100	7	x			x							x					x					x		x	x	x					x			x
S-10 ~~100~~	04/14/05	1104	7	x			x							x					x					x		x	x	x					x			x
S-11 ~~99~~	04/14/05	1140	7	x			x							x					x		x	x	x					x					x			x
S-12 53~~000~~	04/14/05	1200	7	x			x							x					x		x	x	x					x					x			x
S-13 ~~101~~	04/14/05	1211	7	x			x							x					x		x	x	x					x					x			x
S-14 52991	04/14/05	1114	7	x			x							x					x					x		x	x	x					x			x

Special Instructions:

FedEx No. 845417652957 845417652968

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	04/14/05	1420	Fed Ex Courier		
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
			[signature]	4/15/05	7:45

Laboratory Comments:
Temperature Upon Receipt: 2.0
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

TestAmerica
ANALYTICAL TESTING CORPORATION

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4/25/05

CONESTOGA ROVERS & ASSOC. 10318
SETH DOMANGUE
4915 S. SHERWOOD FOREST BLVD.
BATON ROUGE, LA 70816

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

Project Name: EXXONMOBIL 5-0608
Project Number: 25881-02.
Laboratory Project Number: 413252.

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 accreditation.

Sample Identification	Lab Number	Collection Date
S-2	05-A55007	4/14/05
S-7	05-A55008	4/14/05

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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: Pamela A. Langford Report Date: 4/25/05

Johnny A. Mitchell, Laboratory Director
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Senior Project Manager
Eric S. Smith, QA/QC Director
Sandra McMillin, Technical Services
Gail A. Lage, Senior Project Manager
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Senior Project Manag

Laboratory Certification Number: 01945

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

APPENDIX E

TRANSPORTATION/RECEIVING MANIFEST FORM (WATER)

A Siemens Business

US FILTER RECOVERY SERVICES (MID-ATLANTIC), INC.
14950 Heathrow Forest Pkwy, 250, Houston, TX 77032

1-800-523-9071

CUSTOMER CONTACT
UNKNOWN CONTACT

PHONE NUMBER
000-000-0000

SITE NUMBER NAME AND ADDRESS
28526202
EXXON
4555 ESSEN LANE

BATON ROUGE LA 00000-0000

REQUESTED BY USF DRIVER
04-12-05 YCD

Bill Edon Mob 1
PO# 110-6131879

NUMBER 12225

PAGE 1 OF

CALL TYPE	PROBLEM CODE	ORD ORIGI
SD		CC

PRIORITY

CALL WAS TAKEN ON 04-12 AT 1013 BY DOMI

P.O. NUMBER
NEEDED

ROUTE

ASSIGNED TECH
207010 KENDRICK SNEARL

PROBLEM SYNOPSIS, AS REPORTED
FUEL / WATER PUMPOUT

M/A NUMBER
MA000735780

PROMISE DATE, TIME
04-12-05

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ST	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMPLE
963282	10589	289229					1200			YES N

PART / DESCRIPTION	U/M	QUANTITY	HM	SHIPPING DESCRIPTION	SERIAL # GLYCOL	SERIAL # pH	# CONT BRIX	# CONT SNIFFER	TYPE C-D-T
M-TRANS	LA	1							
TRANSPORTATION FEE BB/									
COL FUEL/WTR GA	GA	6250	X	Flammable Liquids n.o.s., (Gasoline/water mixture),3, UN1993, PGII					
FUEL WATER FLAMMABLE GA BB/									

Reuse Qualification Statement
By signing this document, I hereby certify that I understand the used US Filter degreasing fluid (i.e. Mineral spirits, petroleum naphtha) returned to US Filter for inclusion in the US Filter Reuse Program will be utilized as an effective substitute for chemical product. For the purpose of qualifying to participate in the Program, I further certify that any used degreasing fluid so returned to US Filter has not been mixed with hazardous waste or other objectionable substances. All constituents that may be present in the degreasing fluid are contaminants resulting from, and incidental to, normal use of the solvent as a degreaser or cleaner. I have reviewed our physical facilities, administrative practices, and operational procedures and based on this review do willing make this true, accurate and complete certification.

Reuse Solvent QA & QC

Yes	No		Yes	No	
☐	☐	Used solvent passed visual inspection	☐	☐	Light assembly is in good working order
☐	☐	Used solvent has no unusual odor	☐	☐	Lid is unobstructed
☐	☐	Parts Cleaner is clean (front/back)	☐	☐	Parts Cleaner is properly grounded
☐	☐	Fusible link operational			

Rep Initials _____

Authorization Signature
I agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above and on the reverse side of this document.

Bill Edon Mob 1 [illegible] Edon 1 Mob 1 — [signature] 04/12/05

PRINT CUSTOMER NAME — CUSTOMER SIGNATURE / DATE

CUSTOMER

289272

_____ Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
_____ Initial if Do-it-yourself collection center

Generator EPA ID# UNKNOWN STATE

The GENERATOR hereby certifies that the material collected from the GENERATOR'S facility by US Filter does not contain any PCB's as defined in 40 CFR 761 and is not hazardous waste or been mixed with a listed or characteristic hazardous waste as defined in 40 CFR 261. If the material collected a used oil as defined in 40 CFR part 279, the GENERATOR certifies that the total halogen content is less than 1,000 ppm, or the GENERATOR her certifies that the rebuttable waste presumption under 40 CFR Part 279 has been rebutted. The GENERATOR will be responsible for any and all co including, but not limited to, proper disposal, testing, and transportation if the material contains PCB's or is determined to be a hazardous waste. I ce that to the best of my knowledge, the information presented herein is correct and accurate, and I am authorized to sign on behalf of the GENERATI

Shipping Declaration:
This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition fo transportation according to the applicable regulations of the Department of Transportation.

Transporter Information:
US Filter Transport, Inc.
1857 Commerce Dr., Suite 10B
South Bend, IN 46628
US DOT ID#: 828559
EPA ID#: INR000022798
EMERGENCY CONTACT CHEMTREC (800) 424-9300

Designated Facility
14890 Intracoastal Drive
New Orleans, LA 70129
(800) 523-9071
EPA ID#: LAD092098106

Kendrick Snearl 04-12-05

DRIVER SIGNATURE / DATE — RECEIVED AT PLANT / DATE

LF 070 Rev. E

A Siemens Business

US FILTER RECOVERY SERVICES (MID-ATLANTIC), INC.
14950 Heathrow Forest Pkwy, 250, Houston, TX 77032
1-800-523-9071

MEET CRA @ 8:00 A.M. REQUESTED
BY JEFF BURNETT 04-11-05
TCD

Bill Exxon Mobil PO# 4106101879

NUMBER 12

PAGE 1 OF

CUSTOMER CONTACT UNKNOWN CONTACT

PHONE NUMBER 000-000-0000

CALL TYPE SD | PROBLEM CODE | ORD ORIG

SITE NUMBER NAME AND ADDRESS
[illegible]
EXXON
4555 ESSEN LANE

PRIORITY

CALL WAS TAKEN ON 04-11 AT 1745 BY DOMI

P.O. NUMBER NEEDED

ROUTE

ASSIGNED TECH 286003 MYRICH COOPER

BATON ROUGE LA 00000-0000

PROBLEM SYNOPSIS, AS REPORTED FORGE FUEL LINE

M/A NUMBER MA0073780

PROMISE DATE, TIME 04-11-05

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ST	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMPL
307017			150	20	1.00	4-12-05	0800	4-15-05	0900	YES

PART / DESCRIPTION	U/M	QUANTITY	HM	SHIPPING DESCRIPTION	SERIAL # GLYCOL	pH	# CONT BRIX	SNIFFER	TYPE C-D-
COL FUELWEGA	GA		1	X Flammable Liquids n.o.s., (Gasoline/wa					
FUEL WATER FLAMMABLE GA BR/		2575		er mixture),3, UN1993, PGII					

Reuse Qualification Statement

By signing this document, I hereby certify that I understand the used US Filter degreasing fluid (i.e. Mineral spirits, *petroleum naphtha) returned* to US Filter for inclusion in the US Filter Reuse Program will be utilized as an effective substitute for chemical product. For the purpose of qualifying to participate in the Program, I further certify that any used degreasing fluid so returned to US Filter has not been mixed with hazardous waste or other objectionable substances. All constituents that may be present in the degreasing fluid are contaminants resulting from, and incidental to, normal use of the solvent as a degreaser or cleaner. I have reviewed our physical facilities, administrative practices, and operational procedures and based on this review do willing make this true, accurate and complete certification.

Reuse Solvent QA & QC

Yes No
- ☐ ☐ Used solvent passed visual inspection
- ☐ ☐ Used solvent has no unusual odor
- ☐ ☐ Parts Cleaner is clean (front/back)
- ☐ ☐ Fusible link operational

Yes No — Rep Initials _____
- ☐ ☐ Light assembly is in good working order
- ☐ ☐ Lid is unobstructed
- ☐ ☐ Parts Cleaner is properly grounded

Authorization Signature

I agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above and on the reverse side of this document.

Cliff Cooper, CRA. Exxon Mobil — PRINT CUSTOMER NAME

[signature] 04/12/05 — CUSTOMER SIGNATURE / DATE

_____ Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
_____ Initial if Do-it-yourself collection center

Generator UNKNOWN S
EPA ID# _____

The GENERATOR hereby certifies that the material collected from the GENERATOR'S facility by US Filter does not contain any PCB's as define CFR 761 and is not hazardous waste or been mixed with a listed or characteristic hazardous waste as defined in 40 CFR 261. If the material colle a used oil as defined in 40 CFR part 279, the GENERATOR certifies that the total halogen content is less than 1,000 ppm, or the GENERATOR certifies that the rebuttable waste presumption under 40 CFR Part 279 has been rebutted. The GENERATOR will be responsible for any and a including, but not limited to, proper disposal, testing, and transportation if the material contains PCB's or is determined to be a hazardous waste. that to the best of my knowledge, the information presented herein is correct and accurate, and I am authorized to sign on behalf of the GENER

Shipping Declaration:

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper conditio transportation according to the applicable regulations of the Department of Transportation.

Transporter Information:
US Filter Transport, Inc.
1657 Commerce Dr., Suite 10B
South Bend, IN 46628
US DOT ID#: 828559
EPA ID#: INR000022798
EMERGENCY CONTACT CHEMTREC (800) 424-9300

Designated Facility
1122 U.S. Hwy 190 West
Port Allen, LA 70767
(225) 379-3332
EPA ID#: LAR000002030

[signature] 4-12-05 — DRIVER SIGNATURE / DATE

RECEIVED AT PLANT / DATE

LF 070 R

252623

CUSTOMER

USFilter
A Siemens Business
US FILTER RECOVERY SERVICES (MID-ATLANTIC), INC.
14950 Heathrow Forest Pkwy, 250, Houston, TX 77032

60 - D A Y A L E R T !!!

LJW 4-11-05

Bill Exxon Mobil
P.O. # 4506101879

NUMBER 12917

PAGE 1 OF

CALL TYPE	PROBLEM CODE	ORD ORIG
SD		CC

PRIORITY

1-800-523-9071
CUSTOMER CONTACT
UNKNOWN CONTACT
PHONE NUMBER
000-000-0000
SITE NUMBER NAME AND ADDRESS
28526202
EXXON
4555 ESSEN LANE

CALL WAS TAKEN ON 04-11 AT 1340 BY LORI

P.O. NUMBER NEEDED

ROUTE

ASSIGNED TECH 287010 KENDRICK SNEARL

PROBLEM SYNOPSIS, AS REPORTED

BATON ROUGE LA 00000-0000 PUMP GROUND WATER

M/A NUMBER MA0073780

PROMISE DATE, TIME 04-11-05

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ST	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMPL
963282	10589	289229				4-11-05	1630			YES

PART / DESCRIPTION	U/M	QUANTITY	HM	SHIPPING DESCRIPTION	SERIAL # GLYCOL	SERIAL # pH	# CONT BRIX	# CONT SNIFFER	TYPE C-D
M TRANS TRANSPORTATION FEE BB/	EA	1							
COL-FUELWEGA FUEL WATER FLAMMABLE GA BB/	GA	6250	X	Flammable Liquids n.o.s., (Gasoline/water mixture), 3, UN1993, PGII					

Reuse Qualification Statement
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Reuse Solvent QA & QC

Yes	No		Yes	No	
☐	☐	Used solvent passed visual inspection	☐	☐	Light assembly is in good working order
☐	☐	Used solvent has no unusual odor	☐	☐	Lid is unobstructed
☐	☐	Parts Cleaner is clean (front/back)	☐	☐	Parts Cleaner is properly grounded
☐	☐	Fusible link operational			

Rep Initials _____

Authorization Signature
I agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above and on the reverse side of this document.

Cliff Carter, CRA on behalf of Exxon Mobil — 04/11/05

PRINT CUSTOMER NAME — CUSTOMER SIGNATURE / DATE

CUSTOMER

_____ Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
_____ Initial if Do-it-yourself collection center

Generator
EPA ID# UNKNOWN STA

The GENERATOR hereby certifies that the material collected from the GENERATOR'S facility by US Filter does not contain any PCB's as defin CFR 761 and is not hazardous waste or been mixed with a listed or characteristic hazardous waste as defined in 40 CFR 261. If the material coll a used oil as defined in 40 CFR part 279, the GENERATOR certifies that the total halogen content is less than 1,000 ppm, or the GENERATOR certifies that the rebuttable waste presumption under 40 CFR Part 279 has been rebutted. The GENERATOR will be responsible for any and including, but not limited to, proper disposal, testing, and transportation if the material contains PCB's or is determined to be a hazardous waste. that to the best of my knowledge, the information presented herein is correct and accurate, and I am authorized to sign on behalf of the GENE

Shipping Declaration:
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Transporter Information:
US Filter Transport, Inc.
1857 Commerce Dr., Suite 10B
South Bend, IN 46628
US DOT ID#: 828559
EPA ID#: INR000022798
EMERGENCY CONTACT CHEMTREC (800) 424-9300

Designated Facility
14890 Intracoastal Drive
New Orleans, LA 70129
(800) 523-9071
EPA ID#: LAD092096106

Kendrick Snearl 4-11-05

DRIVER SIGNATURE / DATE — RECEIVED AT PLANT / DATE

LF 070 F

289212

USFilter
A Siemens Business
US FILTER RECOVERY SERVICES (MID-ATLANTIC), INC.
14950 Heathrow Forest Pkwy, 250, Houston, TX 77032

60 DAY ALERT

NUMBER

PAGE 1 OF

CUSTOMER CONTACT

PHONE NUMBER

SITE NUMBER NAME AND ADDRESS

CALL TYPE | PROBLEM CODE | ORIG

PRIORITY

CALL WAS TAKEN ON AT BY

P.O. NUMBER

ROUTE

ASSIGNED TECH

PROBLEM SYNOPSIS, AS REPORTED

M/A NUMBER

PROMISE DATE, TIME

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ST	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMPLE
307220	999135	289226			2.75	4-12-05	12:00	4-12-05		YES

PART / DESCRIPTION	U/M	QUANTITY	HM	SHIPPING DESCRIPTION	SERIAL # GLYCOL	SERIAL # pH	# CONT BRIX	# CONT SNIFFER	TYPE C-D-
[illegible]									
[illegible]		5111		[illegible]					

Reuse Qualification Statement
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Reuse Solvent DA & DC

Yes	No		Yes	No	Rep Initials
		Used solvent passed visual inspection			Light assembly is in good working order
		Used solvent has no unusual odor			Lid is unobstructed
		Parts Cleaner is clean (front/back)			Parts Cleaner is properly grounded
		Fusible link operational			

Authorization Signature
I agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above and on the reverse side of this document.

PRINT CUSTOMER NAME | CUSTOMER SIGNATURE | DATE

289271

CUSTOMER
366907

_____ Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
_____ Initial if Do-it-yourself collection center

Generator EPA ID#

The GENERATOR hereby certifies that the material collected from the GENERATOR'S facility by US Filter does not contain any PCB's as define CFR 761 and is not hazardous waste or been mixed with a listed or characteristic hazardous waste as defined in 40 CFR 261. If the material coll a used oil as defined in 40 CFR part 279, the GENERATOR certifies that the total halogen content is less than 1,000 ppm, or the GENERATOR certifies that the rebuttable waste presumption under 40 CFR Part 279 has been rebutted. The GENERATOR will be responsible for any and a including, but not limited to, proper disposal, testing, and transportation if the material contains PCB's or is determined to be a hazardous waste. that to the best of my knowledge, the information presented herein is correct and accurate, and I am authorized to sign on behalf of the GENER

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1657 Commerce Dr., Suite 10B
South Bend, IN 46628
US DOT ID# 828559
EPA ID# INR000022798

Designated Facility
14890 Intracoastal Drive
New Orleans, LA 70129
(800) 523-9071
EPA ID# LAD092096106

EMERGENCY CONTACT CHEMTREC (800) 424-9300

4-12-05

DRIVER SIGNATURE | DATE | RECEIVED AT PLANT | DATE

LF 070 R

A S[illegible]ns Bu[illegible]s

US FILTER RECOVERY SERVICES (MID-ATLANTIC), INC.
14950 Heathrow Forest Pkwy, 250, Houston, TX 77032

NUMBER

CUSTOMER CONTACT

B.H. Exxon Mobil
PO# 4106101879

PAGE OF

PHONE NUMBER

CALL TYPE | PROBLEM CODE | ORIG

SITE NUMBER NAME AND ADDRESS

28526202
Exxon Mobil
[illegible] Farm Lane
Baton Rouge

PRIORITY

CALL WAS TAKEN ON AT BY

P.O. NUMBER 4106101879

ROUTE

ASSIGNED TECH 286103

PROBLEM SYNOPSIS, AS REPORTED

Tank Pull

M/A NUMBER

PROMISE DATE, TIME

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ST	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMP
3-121		281203	[illegible]	37		4-13-05	[illegible]	4-13-05		YES

PART / DESCRIPTION	U/M	QUANTITY	HM	SHIPPING DESCRIPTION	SERIAL # GLYCOL	SERIAL # pH	# CONT BRIX	# CONT SNIFFER	TYPE C-D
C LF[illegible] WFGA	[illegible]	2336	1	Flammable Liquid, nos (Gasoline/Water					
				Mixture, 3, UN1993 PC-TL					
PS Degreaser	[illegible]	5							
M-Trans	HO								

Reuse Qualification Statement

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Reuse Solvent QA & QC

Yes No
- ☐ ☐ Used solvent passed visual inspection
- ☐ ☐ Used solvent has no unusual odor
- ☐ ☐ Parts Cleaner is clean (front/back)
- ☐ ☐ Fusible link operational

Yes No — Rep Initials _____
- ☐ ☐ Light assembly is in good working order
- ☐ ☐ Lid is unobstructed
- ☐ ☐ Parts Cleaner is properly grounded

Authorization Signature

I agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above and on the reverse side of this document.

Cliff Cuder, CRA / Exxon Mobil — [signature] 8/4/05

PRINT CUSTOMER NAME — CUSTOMER SIGNATURE / DATE

_____ Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
_____ Initial if Do-It-yourself collection center

Generator
EPA ID# [illegible]

The GENERATOR hereby certifies that the material collected from the GENERATOR'S facility by US Filter does not contain any PCB's as defin CFR 761 and is not hazardous waste or been mixed with a listed or characteristic hazardous waste as defined in 40 CFR 261. If the material coll a used oil as defined in 40 CFR part 279, the GENERATOR certifies that the total halogen content is less than 1,000 ppm, or the GENERATOR certifies that the rebuttable waste presumption under 40 CFR Part 279 has been rebutted. The GENERATOR will be responsible for any and a including, but not limited to, proper disposal, testing, and transportation if the material contains PCB's or is determined to be a hazardous waste. that to the best of my knowledge, the information presented herein is correct and accurate, and I am authorized to sign on behalf of the GENER

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South Bend, IN 46628
US DOT ID#: 828559
EPA ID#: INR000022798
EMERGENCY CONTACT CHEMTREC (800) 424-9300

Designated Facility
1122 U.S. Hwy.190 West
Port Allen, LA 70767
(225) 379-3332
EPA ID#: LAR000002030

[signature] 4-13-05

DRIVER SIGNATURE / DATE — RECEIVED AT PLANT / DATE

252633

CUSTOMER

LF 070 Re

US FILTER
A Siemens Business

US FILTER RECOVERY SERVICES (MID-ATLANTIC), INC.
14950 Heathrow Forest Pkwy, 250, Houston, TX 77032
1-800-523-9071

60 - D A Y A L E R T !!!

LJW 4-13-05 CALLED IN BY USF DRIVER

B.11 Exxon, Mol.1

PO # 4506101879

NUMBER 12

PAGE 1 OF

CALL TYPE SD | PROBLEM CODE | ORI ORIG C

PRIORITY

CUSTOMER CONTACT
UNKNOWN CONTACT

PHONE NUMBER
000-000-0000

SITE NUMBER NAME AND ADDRESS
28326202
EXXON
4355 ESSEN LANE

CALL WAS TAKEN ON 04-13 AT 1330 BY LORI

P.O. NUMBER
NONE NEEDED

ROUTE

ASSIGNED TECH
286003 MYRICH COOPER

BATON ROUGE LA 00000-0000

PROBLEM SYNOPSIS, AS REPORTED
FUEL WATER P/O

M/A NUMBER
MA0073780

PROMISE DATE, TIME
04-13-05

VEHICLE NO.	TRAILER NO.	UPTIME UNIT NO.	TT	TM	ST	ARRIVE DATE	ARRIVE TIME	CLOSE DATE	CLOSE TIME	JOB COMPL
3721		2-5203	5.0	26		4-13	1321	4-13-05		YES

PART / DESCRIPTION	U/M	QUANTITY	HM	SHIPPING DESCRIPTION	SERIAL # GLYCOL	SERIAL # pH	# CONT BRIX	# CONT SNIFFER	TYPE C-D
LBL-FUELWTR FUEL WATER FLAMMABLE GA 88/	GA	312	1	X Flammable Liquids n.o.s., (Gasoline/water mixture), 3, UN1993, PGII					
M-TWO	HR								

Reuse Qualification Statement
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Reuse Solvent QA & QC

Yes	No		Yes	No	
☐	☐	Used solvent passed visual inspection	☐	☐	Light assembly is in good working order
☐	☐	Used solvent has no unusual odor	☐	☐	Lid is unobstructed
☐	☐	Parts Cleaner is clean (front/back)	☐	☐	Parts Cleaner is properly grounded
☐	☐	Fusible link operational			

Rep Initials _____

Authorization Signature
I agree to pay for the above services and/or products and to be bound by the terms and conditions set forth above and on the reverse side of this document.

CHRIS PARKER, CHIEF ENGR. MOL.1 — 4-13-05

PRINT CUSTOMER NAME — CUSTOMER SIGNATURE / DATE

252645

_____ Initial if Conditionally Exempt Small Quantity Generator as defined in 40 CFR 261.5
_____ Initial if Do-it-yourself collection center

Generator EPA ID# UNKNOWN

The GENERATOR hereby certifies that the material collected from the GENERATOR'S facility by US Filter does not contain any PCB's as define CFR 761 and is not hazardous waste or been mixed with a listed or characteristic hazardous waste as defined in 40 CFR 261. If the material coll a used oil as defined in 40 CFR part 279, the GENERATOR certifies that the total halogen content is less than 1,000 ppm, or the GENERATOR certifies that the rebuttable waste presumption under 40 CFR Part 279 has been rebutted. The GENERATOR will be responsible for any and a including, but not limited to, proper disposal, testing, and transportation if the material contains PCB's or is determined to be a hazardous waste. that to the best of my knowledge, the information presented herein is correct and accurate, and I am authorized to sign on behalf of the GENEF

Shipping Declaration:
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US Filter Transport, Inc.
1657 Commerce Dr., Suite 10B
South Bend, IN 46628
US DOT ID#: 626559
EPA ID#: INR000022798
EMERGENCY CONTACT CHEMTREC (800) 424-9300

Designated Facility
1122 U.S. Hwy 190 West
Port Allen, LA 70767
(225) 379-3332
EPA ID#: LAR000002030

Myrich Cooper 4-13-05

DRIVER SIGNATURE / DATE — RECEIVED AT PLANT / DATE

CUSTOMER

LF 070 R

PHOTOGRAPH 1: 10,000-gallon diesel or gasoline fiberglass UST prior to removal.

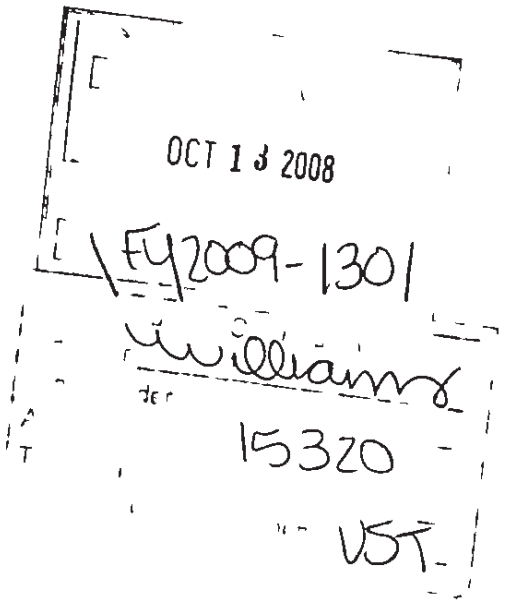
PHOTOGRAPH 2: 10,000-gallon gasoline or diesel fiberglass UST following removal.

PHOTOGRAPH 3: 12,000-gallon gasoline fiberglass UST being destroyed.

PHOTOGRAPH 4: Fiberglass USTs being destroyed.

Groundwater
& Environmental Services, Inc

307 France St , Suite B • Baton Rouge Louisiana 70802 (877) 680 2850



October 10, 2008

Mr Steve Chustz, Administrator
Louisiana Department of Environmental Quality
Underground Storage Tanks Division, Remediation Process
PO Box 4314
Baton Rouge Louisiana 70821

Re Risk Evaluation/Corrective Action Program Report
Former Exxon Retail Station No 5-0608
4555 Essen Lane
Baton Rouge, East Baton Rouge Parish, Louisiana
Facility ID No 17-004224
Incident ID Nos 78436, 83584
Agency Interest No 15320

Dear Mr Chustz

As consultant for Exxon Mobil Refining and Supply Company (ExxonMobil), Groundwater & Environmental Services, Inc (GES) herein submits three copies of a Risk Evaluation/Corrective Action Program (RECAP) Report for the above-referenced site

If you have any questions concerning this submittal please contact GES at (877) 680-2850 extension 3878

Sincerely,

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.

Jennifer Sepulvado

Jennifer Sepulvado
Associate Geologist

Risk Evaluation/Corrective Action Program Report

Former Exxon 5-0608
4555 Essen Lane
Baton Rouge, East Baton Rouge Parish,
Louisiana
AGENCY INTEREST NO 13366

Risk Evaluation/Corrective Action Program Report

Former Exxon 5-0608
4555 Essen Lane
Baton Rouge, East Baton Rouge Parish, Louisiana
AGENCY INTEREST NO 13366

Prepared for

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Prepared by

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October 2008

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1 0 SITE HISTORY

1 1 PREVIOUS LAND USE

The site was utilized as a gasoline retail facility since at least 1986 Prior land use of the site is unknown

1 2 CURRENT LAND USE

The site is currently being redeveloped as a Drury Inn and Suites The site is located at 4555 Essen Lane, Baton Rouge, East Baton Rouge Parish, Louisiana A site location map showing the location of the site is presented as **Figure 1, Appendix A**

The site is located on the southeast corner of the intersection of Essen Lane and One Calais Avenue as shown on **Figure 1, Appendix A** The site is bordered on the north by One Calais Avenue, to the south by a Racetrack retail gasoline facility, to the east by Essen Lane and to the west by land currently undergoing redevelopment A surrounding land use map is included as **Figure 2, Appendix A** Surrounding sensitive receptors, including registered water wells within a one mile radius of the site are included on **Figure 3, Appendix A**

The site is currently undergoing redevelopment The former store building was situated in the west central portion of the site, the former underground storage tank (UST) hold was located in the northern end of the site along One Calais Avenue and the dispenser islands were located northeast and southwest of the former store building A total of four USTs were present on the site prior to their removal in 2005 The tanks included one 8,000 gallon, one 10,000 gallon and one 12 000 gallon gasoline USTs and one 10,000 gallon diesel UST A detailed site plan of the facility is presented on **Figure 4, Appendix A**

1 3 UNDERGROUND STORAGE TANKS

There is documented removal of four USTs from the site On April 13, 2005 the previous consultant for the site, Conestoga Rovers & Associates (CRA) removed one 12 000 gallon fiberglass UST, two 10,000-gallon fiberglass USTs and one 8 000 gallon fiberglass UST from the site No known USTs remain at the site

1 4 FUTURE LAND USE

The property is currently being redeveloped as a Drury Inn and Suites

1 5 ZONING OF SITE

According to the City Parish Planning Commission the site is zoned C 2, Commercial The land use in the area is primarily commercial Pertinent information concerning the surrounding area land use is depicted on **Figure 2, Appendix A**

1 6 DESCRIPTION OF RELEASE AND PREVIOUS SITE INVESTIGATIONS

Elevated hydrocarbon constituent concentrations were discovered during a Divestment Initial Subsurface Investigation (DISI) conducted by CRA on March 30 and 31 2005, at the request of Exxon Mobil Corporation (ExxonMobil) in association with the pending sale of the property The DISI included the installation of three monitor wells (MW 1 through MW 3) to a depth of 20

feet below ground surface (bgs) Soil samples were collected at two foot intervals from the surface to the completion depth of each boring Soil borings MW 1 through MW 3 were completed as two inch diameter groundwater monitor wells with 0 01 inch slotted screen

Three soil samples were collected from each monitor well and were analyzed for benzene toluene ethylbenzene and xylenes (BTEX) methyl tertiary butyl ether (MTBE) total petroleum hydrocarbons gasoline range organics (TPH-GRO), and total petroleum hydrocarbons-diesel range organics (TPH DRO) Analytical results for soil samples collected from the soil borings during the DISI indicated that MTBE was detected in one sample at concentrations above the Risk Evaluation/Corrective Action Program (RECAP) Screening Option (SO) Screening Standards (SS)

Groundwater samples collected from each of the monitor wells were analyzed for BTEX, MTBE, TPH GRO, and polyaromatic hydrocarbons (PAHs) Analytical results for groundwater samples collected during the DISI indicated that six constituents were detected at concentrations above the RECAP SO SS Benzene, naphthalene, 2 methylnaphthalene, MTBE, TPH-GRO and TPH DRO were all detected at concentrations in excess of their respective SO SS

CRA completed a tank excavation at the site at the request of ExxonMobil on April 13, 2005 Following the excavation, 16 sidewall and backfill samples were collected on April 14 2005 for analysis in compliance with UST closure guidelines specified by the Louisiana Department of Environmental Quality UST Closure/Change in Service Guidance Document dated October 20, 2003 Soil samples S 1 through S 5 were collected from beneath the dispenser islands, S 6 through S 13 were collected from the sidewalls of the tank hold and S 14 through S-16 were collected from stockpiled soils

Soil samples S 1 through S 3 S 5 through S 8 S 11 through S 13 S 15 and S 16 were analyzed for BTEX, MTBE, TPH-GRO and lead Soil samples S-4, S 9, S-10 and S 14 were analyzed for TPH DRO metals and PAHs Analytical results from soil samples collected during the tank pull indicated three constituents with concentrations above the SO SS Benzene, MTBE and TPH GRO were all detected at concentrations above their respective screening standards

CRA sampled the monitor wells as part of an additional site investigation (ASI) on April 12, 2006 Analytical results from the April 2006 sampling event indicated that benzene TPH GRO, TPH DRO, naphthalene and 2 methylnaphthalene exceeded their respective SO SS CRA submitted a work plan to complete a RECAP evaluation of the site in correspondence dated June 20 2006 The work plan was approved in LDEQ correspondence dated January 10 2007 CRA submitted a RECAP Input Parameter Form in correspondence dated February 6 2007 LDEQ approved the form and requested submittal of the RECAP evaluation in correspondence dated March 2 2007

Before submittal of the RECAP evaluation CRA submitted a work plan for an ASI at the site The purpose of the work plan was to obtain the additional site specific information necessary to evaluate the site under a non industrial scenario The work plan was approved by LDEQ in correspondence dated June 7, 2007 The work plan was implemented and CRA installed soil boring DP 1 and geotechnical boring GT 1 on July 24, 2007 Soil and groundwater samples collected from soil boring DP 1 were analyzed for BTEX, MTBE, TPH DRO lead and volatile petroleum hydrocarbons (VPH) Additionally, the groundwater sample was further analyzed for PAHs

Analytical results from the July 2007 ASI indicated that no constituents in soil at boring location DP 1 exceeded the SO SS However, the groundwater sample exceeded the SO SS for TPH DRO Results of this investigation were documented in an Additional Site Investigation report dated October 17 2007 LDEQ approved the report in correspondence dated January 3 2008

2 0 EMERGENCY/INTERIM CORRECTIVE ACTION

The petroleum hydrocarbon impact at the site did not create an immediate threat to health or the environment Previous investigations at the site are summarized in Section 1 6

3 0 INVESTIGATION DESCRIPTION

3 1 SAMPLE COLLECTION AND SCREENING RATIONALE

The investigation activities at the site were conducted to assess the extent of hydrocarbon impact in the soil and groundwater The samples collected were analyzed for hydrocarbon indicator compounds and hydrocarbon mixtures

3 2 SOIL BORING AND MONITOR WELL PLACEMENT

Soil borings/monitor wells MW 1 through MW 3 were installed as part of a property divestment at the request of ExxonMobil Soil samples S 1 through S 16 were collected as part of a tank excavation assessment in accordance with the LDEQ UST Closure/Change in Service Guidance Document Soil boring DP 1 was installed following approval from the LDEQ, in order to assess the pathways of soil and groundwater to an enclosed structure Finally, soil boring GT 1 was installed in a non impacted area of the site for the collection of geotechnical samples

The soil boring/monitor well locations, along with other pertinent features, are shown on **Figure 4, Appendix A**

3 2 1 DRILLING AND SOIL SAMPLING

Specific details regarding drilling previous site investigation activities can be found in the reports and correspondence listed below that were previously submitted by CRA

- *Divestment Initial Subsurface Investigation Report* May 1 2005
- *Tank Excavation Assessment Report* May 16 2005
- *Site Investigation and RECAP Evaluation* February 22, 2002,
- *Additional Site Investigation Report* October 17 2007

Details of the soils encountered during sampling activities along with initial groundwater measurements are included on soil boring logs in **Appendix C** and shown on the soil cross section and cross section location map included as **Figure 5 and Figure 6, Appendix A**

A summary of the soil analytical laboratory results from previous investigations that were utilized in this evaluation are summarized in **Tables 1A through 1D, Appendix B** The distribution of soil concentrations are depicted on **Figure 7, Appendix A** In addition the geotechnical laboratory report is included in **Appendix D** Previous soil analytical laboratory reports and chain of custody records were included in the reports and correspondence listed above

3 2 2 MONITOR WELL CONSTRUCTION AND DEVELOPMENT

Construction details including monitor well cross sections for monitor wells MW 1 through MW 3 were included in the *Divestment Initial Subsurface Investigation* submitted May 1, 2005

3 2 3 ELEVATION SURVEY

The vertical elevations of the ground surface and top-of casing at each monitor well location have been surveyed and recorded in elevations relative to mean sea level

3 2 4 GROUNDWATER MEASUREMENTS AND SAMPLING

CRA conducted two groundwater monitoring events at the site on April 4, 2005 and April 12 2006 Analytical results from both groundwater monitoring events are used in this evaluation Results of the April 4, 2005 sampling event were documented in the report listed below Results of the April 12 2006 sampling event are documented in this report

- *Divestment Initial Subsurface Investigation Report* May 1 2005

Groundwater level data from the April 12, 2006 monitoring event conducted by CRA was not available However, measurement data from the April 2005 event indicate prevailing groundwater levels to be approximately 0 83 feet below the top of casing (MW 2) to 2 8 feet below top of casing (MW 3) Groundwater potentiometric elevations and contours from this event indicate groundwater flow to be in a southwesterly direction Groundwater potentiometric elevations are presented on **Table 2, Appendix B** and on **Figure 8, Appendix A**

Groundwater samples were collected from the monitor wells MW 1 through MW 3 on April 12, 2006 The samples were placed in appropriate laboratory-supplied sample containers, preserved on ice and subsequently transported, via FedEx, to TestAmerica Laboratories in Nashville, TN following proper chain of custody procedures Samples collected from the monitor wells were analyzed for BTEX and MTBE by EPA Method 8260, TPH-GRO and TPH DRO by EPA Method 8015 and PAHs by EPA Method 8270

Groundwater analytical laboratory results from both groundwater monitoring events are summarized on **Tables 3A through 3C, Appendix B** and depicted on **Figure 9, Appendix A** The analytical laboratory report and chain of custody records from the April 12, 2006 sampling event are included in **Appendix D** Analytical results for the previous groundwater sampling event included in this evaluation are included in the report listed above

3 2 5 INVESTIGATION DERIVED WASTE

All investigation derived waste and monitor well purge water generated during site investigations at this facility were disposed of by CRA, the previous consultant for the site

3 3 GEOLOGY/HYDROLOGY DISCUSSION

3 3 1 REGIONAL GEOLOGY

The site is located on the Prairie Terrace, which is a Pleistocene alluvial and deltaic landform on the Gulf Coastal Plain The site is elevated above the nearby floodplain of the Mississippi river to the southwest The site is nearly flat with elevations of approximately 20 feet above mean seal level (NGVD) Natural drainage is eastward to Ward Creek that flows through a canal to Bayou Manchac to the southeast

Surface soils at the site typically are composed of clays and silty clays common to alluvial floodplain deposition Underlying the site are up to 500 feet of Pleistocene alluvial and deltaic deposits predominantly composed of clays and silty clays with lenses of silts and sands Sand units from the shallow Pleistocene thicken to the west toward the Mississippi River Underlying older, Pleistocene deposits consist of thick widespread fine to coarse sand and gravel layers, separated by laterally continuous clay horizons Beneath the Pleistocene deposits are similar older sedimentary deposits of Pliocene and Miocene age

3 3 2 REGIONAL GROUNDWATER CHARACTERISTICS

The shallow Pleistocene deposits may contain locally significant water bearing deposits, particularly where sand layers thicken to the west where they form the University Aquifer The shallow units in the site vicinity are not typically used for water supply because of limited availability and variable quality The uppermost aquifer of concern is the "400 foot ' aquifer which occurs in the uppermost, widespread Pleistocene deltaic sand and is a possible source of groundwater for drinking and industrial use in the area, although deeper portions of this aquifer may contain brackish water The "400 foot ' aquifer sands typically occur within 750 feet of the ground surface and range from 100 to 200 feet in thickness The "400 foot" aquifer is underlain by equivalents of the "600-foot" aquifer and deeper sands from the north Baton Rouge area The lower aquifers typically contain brackish to saline groundwater in the site vicinity

A survey of registered water wells within a one mile radius of the site was conducted The survey indicated 16 water wells within the area Of those, one is registered as Abandoned, one is registered as Domestic one is registered as Observation, one is registered as Industrial one is registered as Public Supply, two are registered as Heat Pump five are registered as monitor, two are registered as Irrigation and two are registered as Piezometer A 7 5 minute quadrangle map showing the locations of the registered water wells within a one-mile radius of the site is included as **Figure 3, Appendix A**

3 3 3 AREA OF CONCERN SOIL AND GROUNDWATER CHARACTERISTICS

In general, the soils encountered during previous investigations at the site were described as silty clay to the maximum depth of exploration at 20 ft below ground surface (bgs) A soil cross section and cross section location map showing the site lithology are presented on **Figure 5** and **Figure 6 Appendix A**, respectively

Based on groundwater level data from the April 4 2005 sampling event, the direction of groundwater flow is generally towards the southwest The monitor well water level data are presented on **Table 2, Appendix B** The groundwater potentiometric elevations and contours are presented on **Figure 8, Appendix A**

3 3 4 AQUIFER TEST RESULTS

Hydraulic conductivity (slug) tests were performed by CRA on June 21, 2006 in two site monitor wells (MW 2 and MW 3) The tests were conducted to provide information about the hydraulic conductivity conditions of the soil for calculation of potential well yield at the site

The tests were conducted as slug out tests by quickly removing a full bailer of groundwater from the wells Groundwater levels were then measured with a downhole pressure transducer and electronic data recorder over the duration of the water level recovery period

The hydraulic conductivity (K) values calculated by the Bouwer and Rice method (1976) as determined from the recovery versus time graphs with the commercially available software AQTESOLV The data and interpretation are shown on the attached figures in **Appendix E** The K values are listed below

Monitor Well	*Hydraulic Conductivity*	
	(K) ft/day	(K) cm/sec
MW 2	0 0578	$2\ 04 \times 10^{-5}$
MW 3	0 103	$3\ 62 \times 10^{-5}$
Geometric Mean	0 077 ft/day	

The potential yield from the zone of investigation was established with the Cooper and Jacob modification of the Theis equation The calculation using the average K value of 0 077 ft/day is presented in **Appendix E** The results show a well yield of approximately 38 8 gallons per day (gpd) can be expected from the site

3 3 5 GROUNDWATER CLASSIFICATION

In accordance with the 2003 LDEQ RECAP document groundwater at the site is designated as Classification 3A Non Drinking Water based on the following there is no current or potential use of the shallow groundwater at the site based on water use in the area from the LDOTD water well survey the maximum attainable yield from the stratum is less than 800 gpd based on the slug test data (see **Appendix E**) and groundwater would potentially discharge to a water body that is not used as a drinking water supply

3 4 CONSTITUENTS OF CONCERN DISTRIBUTION

The potential constituents of concern (COCs) at the site have been identified as the applicable petroleum hydrocarbon constituents listed in Table D-1 Appendix D of the RECAP document The potential COCs for soil and groundwater at the site are BTEX MTBE TPH GRO TPH DRO, PAHs, aliphatics $>C_6$ C_8, aliphatics $>C_8$ C_{10} and aromatics $>C_8$-C_{10} In addition, arsenic, barium, cadmium chromium mercury selenium and silver were analyzed in select soil samples (see **Tables 1A through 1D and Tables 3A through 3C, Appendix B**)

Analyses of soil samples collected during site investigations/interim corrective action activities identified three COCs in surface soil – benzene MTBE and TPH GRO (see **Table 1A, Appendix B**) The COC concentrations for soil are depicted on **Figure 7, Appendix A**

Analyses of groundwater samples identified six COCs – benzene MTBE TPH GRO, TPH-DRO, 2 methylnaphthalene and naphthalene (see **Tables 3A and 3B, Appendix B**) The COC concentrations for groundwater are depicted on **Figure 9, Appendix A**

3 5 OFF-SITE IMPACT

Based on the results of the investigations there are no indications of off site hydrocarbon impact

3 6 OFF-SITE SOURCES

A survey of the area immediately surrounding the site indicated no potential off-site sources of petroleum hydrocarbon compounds in groundwater or soils

3 7 UNUSUAL CONDITIONS OR FINDINGS

No unusual conditions or findings were noted during the investigation activities

4 0 MIGRATION PATHWAYS AND SENSITIVE RECEPTORS

4 1 CONTAMINANT MIGRATION PATHWAYS

The release at the site was to the surface soil and groundwater Possible man made pathways for exposure to the COCs exist at the site, including underground utility corridors Potential natural pathways for exposure include soil and groundwater vapor, contact with surface soil leaching of soil to groundwater and groundwater migration to surface water bodies Exposure routes from soils and groundwater include dermal contact, ingestion and inhalation of indoor and outdoor vapors

4 2 BIOLOGICAL RECEPTORS

Natural receptors include groundwater, soil, surface water bodies near the site and air The previous release has impacted soil and groundwater and there is a potential pathway to air due to the volatility of the released constituents The nearest surface water body is Ward Creek located approximately 565 feet south of the site It is not likely that surface water would be impacted by groundwater migrating from the site due to the limited extent of the soil and groundwater impact and low permeability of typical native soils

4 3 MAN-MADE RECEPTORS

Based on water well survey information obtained from the LDOTD Water Resources Section, there are 15 active water wells registered within a one mile radius of the site The locations of the water wells are presented on the Well Location Map **Figure 3, Appendix A** Their classification is discussed in Section 3 3 1

5 0 RECAP EVALUATION RESULTS

5 1 GENERAL

This RECAP Evaluation utilized data gathered during the 2005 through 2007 site investigations The RECAP Evaluation was used to evaluate the AOCs for compliance with RECAP standards calculated using the October 2003 RECAP document A summary of the pertinent site RECAP information is presented in the RECAP submittal summary (RECAP Form 1), which is included as page iv of this submittal The AOCs have been identified and are illustrated on the site plan included as **Figure 4, Appendix A**

5 1 1 SITE RANKING AND JUSTIFICATION

In accordance with the LDEQ RECAP, the site ranking was selected based on the ranking system in Standard Guide for Risk Based Corrective Action at Petroleum Release Sites (ASTM E 1739 95) On the scale of one to four with four being the lowest in urgency of response action required to protect human health and the environment the site receives a ranking of four since it does not present a long term threat to human health, safety or sensitive environmental receptors

The ranking is justified on the basis of

1) Shallow impacted soils and shallow groundwater are not present,
2) The shallow groundwater is not used for potable water anywhere in the city and
3) Potential for human contact with surface soils is non existent because the surface is largely covered by grass or concrete pavement

5 1 2 RECAP OPTION(S) IDENTIFICATION

The site was evaluated under the RECAP Screening Option Screening Standard (SO SS) RECAP Appendix I Evaluation and RECAP Management Option 1 (MO-1) The following information is furnished to demonstrate applicability for site evaluation using these options

AOC 1

- A non-industrial exposure evaluation is proposed AOC-1 is within a commercial area, however, a non industrial scenario was conservatively considered No sensitive subpopulations exist on the site
- The potential for human exposure is limited to exposure pathways via ingestion, outdoor inhalation from volatilization from the soil and groundwater and dermal contact with impacted soil Exposure pathways via surface water are virtually non-existent
- The area of impacted soil in AOC 1 is less than 0 5 acre
- Non aqueous phase liquid (NAPL) is not present at the site
- High fugitive dust emissions are not present due to the presence of surface pavement, grass cover and buildings over most of the site
- Based on the relatively flat topography and presence of surface pavement over a large portion of the site, the potential for impact to any surface water via runoff is virtually non-existent In addition impact to biota is similarly non existent

- The potential for discharge of COCs to surface water via a groundwater discharge from the AOC is virtually non existent due to the low permeability of soils at the site and the distance to the nearest surface water body from the site (565 feet)
- There are no unusual current or future site conditions that may affect exposure potential at the site

AOC 2

The site factors for AOC-2 they may affect exposure potential at the site are essentially identical with those of AOC 1 with the exception of the following

- Soil and groundwater impacted with volatile constituents are present near an enclosed structure (the store building) In order to address this condition, MO 1 RECAP standards were applied to evaluate the potential pathway of soil and groundwater vapor to an enclosed structure

5 1 3 PREVIOUS RECAP ASSESSMENT RESULTS

There have been no previous RECAP assessments of the site

5 2 DATA EVALUATION/USABILITY

The analytical laboratory data generated during CRA site investigations have been evaluated to determine if the data could be used for risk assessment purposes In accordance with RECAP investigation requirements, laboratory data was generated using EPA approved analytical methods, sample quantitation limits were within acceptable limits and blank Quality Assurance/Quality Control (QA/QC) samples were provided periodically to assess field and/or laboratory contamination Based on this review, the data is considered acceptable for use in this RECAP evaluation An analytical data evaluation (RECAP Form 3) is included as **Appendix F** A data usability summary is included as **Appendix G**

5 3 AOC IDENTIFICATION

Based on the findings from the site work two AOCs have been identified that exhibit constituent concentrations above SO SS values as discussed in Section 5 6 1 A figure showing the proposed boundaries of the AOCs is presented in **Figure 4, Appendix A**

AOC 1 is rectangular in shape and encompasses the entire site AOC 1 includes the locations of all soil borings monitor wells and excavation sidewall samples A comparison of the COC concentrations to the LRS is discussed in Section 5 6 6 The surface area of AOC 1 is approximately 13 589 ft^2

AOC 2 is rectangular in shape and encompasses the former store building AOC 2 includes the locations of soil boring DP 1 A comparison of the COC concentrations to the LRS is discussed in Section 5 6 6 The surface area of AOC 2 is approximately 1,500 ft^2

5 4 POC AND POE

The point of exposure (POE) is described as the point of discharge from the aquifer to the nearest permanent surface water body in the downgradient direction of groundwater flow The nearest

downgradient surface water body, Ward Creek, was designated as the POE and is not a source of drinking water (according to the Louisiana Administrative Code [LAC] Title 33 IX Chapter II) It is located approximately 565 feet south of the site

The point of compliance is a sampling location where the groundwater protection standard is enforced and at which reproducible and representative samples can be withdrawn The POC for AOC 1 at the site is proposed to be monitor well MW 1 The POC for AOC-2 at the site is proposed to be temporary monitor well DP 1

5 5 DEVELOPMENT OF A CONCEPTUAL MODEL

The conceptual site model (CSM) developed for the site is presented as **Figure 10, Appendix A** The model includes identification of all sources, source media, migration pathways, exposure media, exposure points/pathways and receptors Current and future land use at the site was considered in developing the CSM In addition, all applicable standard industrial exposure criteria were used based on the Appendix I and MO 1 management options

5 5 1 ESTIMATION OF THE AREA OF INVESTIGATION CONCENTRATIONS AND COMPLIANCE CONCENTRATIONS

The area of investigation concentrations (AOIC) for soils at the site have been determined in accordance with RECAP requirements and are presented in **Table 4A** for AOC 1 and **Table 4B** for AOC 2 **Appendix B** The AOICs for soils represent the highest measured concentrations of the COCs in soil samples collected from AOC 1 and AOC 2 during the March 2005 April 2005 and July 2007 sampling events Analytical results for soil samples indicate the zone of petroleum hydrocarbon impact is within the zone of surface soils (0 to 15 ft bgs)

The compliance concentration (CC) is the concentration of each COC in the groundwater at the POC The CC for the POC for each AOC are presented in **Table 4A** for AOC 1 and **Table 4B** for AOC 2 **Appendix B** The CC for the groundwater COCs were determined as the highest measured concentrations of the COCs in the monitor well water samples collected during the April 2005 and April 2006 groundwater sampling events

5 6 IDENTIFICATION OF THE RECAP STANDARDS FOR EACH IMPACTED MEDIUM

The LDEQ RECAP SO SS Appendix I and MO 1 standards were considered in the evaluation of all exposure pathways at the AOCs with the exception of the pathway of exposure to vapor from soil to an enclosed structure for which the SO SS does not apply The MO 1 option was used to calculate standards for the potential exposure to vapors from soil and groundwater to an enclosed structure for all volatile COCs that were reported with concentrations above their respective sample quantitation limits (SQLs)

The RS derived for each AOC for each RECAP management option were determined as follows

5 6 1 SCREENING OPTION

The RECAP SO SS for soil and groundwater at AOC 1 have been determined based on the site land use scenario and a determination of risk based parameters in accordance with the RECAP document AOC 1 is considered an industrial facility however a non industrial scenario is conservatively considered Therefore non-industrial SO SS values are applicable for the soil that

is protective of human health for contact with surface soil ($Soil\_SS_{ni}$) The $Soil\_SS_{ni}$ were compared with the SS protective of groundwater (Soil_SSGW) and the lowest value was selected as the limiting SS (LSS) The SO SS for soil were taken directly from Table 1 of the RECAP document The SS for groundwater, GW_SS were also selected from RECAP Table 1

A comparison of the SO LSS with the AOICs for the soil in AOC 1 (**Table 4A, Appendix B**) indicates the following

- Benzene MTBE and TPH GRO exceeded the SO SS in surface soils

A comparison of the GW_SS with the CC for groundwater in AOC 1 (**Table 4A, Appendix B**) indicates the following

- Benzene, MTBE, TPH GRO, TPH-DRO, 2 methylnaphthalene and naphthalene exceeded the SO SS for groundwater

The COCs whose AOIC or CC were greater than the respective SO LSS values were carried forward to the next tier of evaluation under RECAP Appendix I and RECAP MO 1, as applicable

The SO SS do not apply to the pathway of exposure to vapor from soil and groundwater to an enclosed structure, therefore, the SO SS were note applied to AOC-2 and all volatile COCs with concentrations above the SQLs were evaluated as shown on **Table 4B, Appendix B**

5 6 2 IDENTIFICATION OF THE MO-1 AND APPENDIX I RECAP STANDARDS FOR EACH IMPACTED MEDIUM

The RS protective of potential exposure to vapors from groundwater to outdoor air ($GW_{air ni}$) were determined from the MO 1 option The RS protective of contact with soil ($Soil_{ni}$) were determined from the Appendix I option The RS protective of groundwater ($Soil_{GW3NDW}$ $Soil_{sat}$, GW_2 and water solubility) for each impacted medium (soil and groundwater) have also been determined with the Appendix I option The RS are based on the site land use scenario and site groundwater classification

$Soil_{ni}$ The site is considered an industrial facility (NAICS 44711), however a non industrial scenario is conservatively considered Therefore RS ($Soil_{ni}$) are applicable that are protective of human health for contact with surface soil The soil standards protective of human health were determined using the following criteria

- The distance from the POC to the POE is approximately 565 feet as previously noted
- A source length of 30 feet and
- An average foc value of 0 138

The geotechnical laboratory report is included in **Appendix D** Based on this information the initial values for $Soil_{ni}$ were selected from the Category 8 table in RECAP Appendix I as determined from RECAP Figure 1 1 The values are listed on **Table 5A, Appendix B**

$Soil_{GW3NDW}$ The RS for soil concentrations protective of groundwater discharging to surface water $Soil_{GW3NDW}$, were determined using the same criteria used to establish $Soil_{ni}$ Based on site parameters, including the source length and foc the initial $Soil_{GW3NDW}$ values for the COCs were

determined from the Category 8 Table in RECAP Appendix I The source width of 30 feet and the distance from POC to POE of 565 feet determines a dilution attenuation factor (DAF) of 476 for AOC-1 from RECAP Figure I 2 The DAF is applied to the $Soil_{GW3NDW}$ values to calculate an Adjusted $Soil_{GW3NDW}$ RS for each COC as listed on **Table 5A, Appendix B**

$Soil_{sat}$ The standard that limits a constituent to its saturation limit in soil ($Soil_{sat}$) was determined from the Appendix I Category 8 table, where applicable The $Soil_{sat}$ standards for each COC are listed on **Table 5A, Appendix B**

GW_{3NDW} The RS for groundwater protective of potential discharge of constituents to surface water was determined with the same source dimensions and the distance from the POC to the POE as the soil evaluation Based on site parameters, including the source length and foc, the initial GW_{3NDW} RS were selected from the Category 8 Table, as determined from Figure I 1 of RECAP Appendix I The DAF of 476 was determined from RECAP Figure I 2 and was applied to the GW_{3NDW} RS values from the Category 8 Table to calculate an Adjusted GW_{3NDW} RS for each COC as listed on **Table 5B, Appendix B**

Water Solubility The standard that limits a constituent to its solubility in water was determined from the Appendix I Category 8 Table, where applicable The standards for solubility for AOC-1 are presented on **Table 5B, Appendix B**

GW_{aimi} The standards protective of vapor from groundwater to outdoor air in a non industrial setting were taken from RECAP MO-1 Table 3 and are listed on **Table 5B, Appendix B**

5 6 3 IDENTIFICATION OF THE MO-1 ENCLOSED STRUCTURE STANDARDS FOR EACH IMPACTED MEDIUM IN AOC 2

$Soil_{esmi}$ and GW_{esmi} All detected volatile COCs for soil and groundwater from soil boring/temporary monitor well DP 1 located immediately adjacent to the store building in AOC 2 were evaluated by the MO 1 for a potential pathway for vapor from soil and groundwater to the enclosed structure The MO 1 soil and groundwater RS for enclosed structure at non industrial sites ($Soil_{esni}$ and GW_{esni} respectively) for each applicable COC were derived from Tables 2 and 3 of the 2003 RECAP document The MO 1 $Soil_{esmi}$ and GW_{esmi} RS for each applicable COC in AOC 2 are presented on **Table 5C, Appendix B**

5 6 4 ADJUSTMENT OF RISK-BASED RS

Evaluations of the applicable RS values identified above ($Soil_{ni}$, $Soil_{esmi}$ GW_{aimi} and GW_{esmi}) were made to account for additivity if more than one constituent present in the soil or groundwater elicits non carcinogenic effects on the same target organ/system The Hazard Index (HI) method which is the sum of each COC hazard quotients was used for Appendix I evaluations If the HI for any target organ system is less than 1 0 the adjustment for additive effects was not necessary The applicable target organ/systems for each COC are provided on **Table 6, Appendix B**

The HI for all $Soil_{ni}$ Appendix I RS for each COC and target organ system were totaled on **Table 5A, Appendix B** The maximum total HI for any target organ/system was less than 1 0 Therefore, there was no need to account for additivity for the $Soil_{ni}$ standards

The GW_{aimi} RS were divided by the number of target organ/systems affected by the COCs as indicated on Table 6 and the adjusted GW_{aimi} RS are shown on **Table 5B, Appendix B**

In AOC-2 the MO 1 enclosed structure RS $Soil_{esm}$ and GW_{esm} were divided by the number of target organ/systems as indicated on **Table 6, Appendix B** and divided by 2 when both the soil and groundwater affected the same target organ/system, as shown on **Table 5C, Appendix B**

5 6 5 IDENTIFICATION OF THE LIMITING RS

The LRS for soil in AOC 1 were determined by comparing the $Soil_{ns}$, adjusted $Soil_{GW3NDW}$ and $Soil_{sat}$ RS and the lowest of these RS values was selected as the LRS The LRS for soil in AOC 1 are presented on **Table 5A, Appendix B** The LRS for soil in AOC 2 were the $Soil_{esm}$ and are presented on **Table 5C, Appendix B**

The LRS for groundwater in AOC 1 were determined by comparing the adjusted GW_{3NDW} the water solubility, and the adjusted GW_{atm} RS, and the lowest of these RS values was selected as the LRS The LRS for groundwater in AOC 1 are presented on **Table 5B, Appendix B** The LRS for groundwater in AOC 2 were the GW_{esm} and are presented in **Table 5C, Appendix B**

5 6 6 COMPARISON OF THE LIMITING RS TO THE SITE CONCENTRATIONS

The LRS were compared with the AOICs for soil and the CCs for groundwater for AOC 1 on **Table 7A** and AOC 2 on **Table 7B, Appendix B** The results indicate that none of the AOICs were reported above the LRS developed for this site

5 7 ECOLOGICAL EVALUATION

In accordance with the 2003 RECAP document requirements, an Ecological Checklist was completed for the site in order to make an initial determination of whether an ecological risk assessment would be required Based on site conditions and the checklist assessment criteria no additional ecological assessment activities should be required at the site A copy of the completed Ecological Checklist (RECAP Form 18) is included as **Appendix H**

6 0 SUMMARY OF FINDINGS

6 1 RELEASE SOURCES

The source of the release is considered to be from the UST system at the site

6 2 SOIL TYPE

The soils encountered at the site during previous site investigation activities were described as clay overlying silty clay to approximately 20 ft bgs, the maximum depth of exploration

6 3 HIGH CONCENTRATIONS

Analytical laboratory results for soil samples collected during the historical site investigation activities indicated the highest concentrations of hydrocarbon constituents in soil were detected in samples collected from the south end of the former tank field (MW 1) and near the west dispenser island (S 2) The distribution of the constituents detected in soil is presented on **Figure 7, Appendix A**

The highest concentrations of hydrocarbon constituents in groundwater were detected in samples collected from monitor well MW 1 situated at the south end of the former tank field The distribution of the constituents detected in groundwater is presented on **Figure 9, Appendix A**

6 4 FREE PRODUCT CONDITIONS

NAPL was not detected in any of the soil borings or monitor wells during the site investigations

6 5 POTENTIAL AND/OR AFFECTED RECEPTORS

Potential receptors identified in the immediate vicinity of the site include underground utilities adjacent to the site There are no known affected receptors

6 6 OFF-SITE IMPACT

The results of the historical site investigations have not revealed off site COC soil and/or groundwater concentrations above the RECAP SO SS, as discussed in Section 5

6 7 OFF-SITE SOURCES

A survey of the area immediately surrounding the site identified no off site sources of petroleum compounds in groundwater or soil

6 8 GROUNDWATER CONDITIONS

First encountered groundwater occurs between 1 18 and 2 51 ft bgs The groundwater flow direction is to the southwest Data collected from the site indicate the groundwater is designated as Classification 3A Non-Drinking Water based on a calculated yield rate of approximately 38 8 gpd

7 0 RECOMMENDATIONS

Based on the findings of the site investigation and RECAP Evaluation GES recommends that a No Further Action At This Time Status be granted for the site

8 0 REFERENCES

Morgan, C O , Ground water Conditions in the Baton Rouge Area, 1954 1959, Water Resources Bulletin No 2 1961

Kumansky E K Dial D C and Trudeau D A Maps of the "400 foot," "600 foot," and Adjacent Aquifers and Confining Beds, Baton Rouge Area, Louisiana Water Resources Technical Report No 48, 1989

Bonnol, D and W Autin Recharge Potential of Louisiana Aquifers, Water Resources Technical Report No 50

Louisiana Department of Environmental Quality, Risk Evaluation Corrective Action Program October 20 2003

Snead, J and R McCulloh Geologic Map of Louisiana, 1984

SIGNATURE PAGE

The following Groundwater & Environmental Services, Inc employees prepared the RECAP Evaluation Report for Former Exxon 5 0608, located at 4555 Essen Lane, Baton Rouge, East Baton Rouge Parish, Louisiana dated October 2008

Jennifer Sepulvado

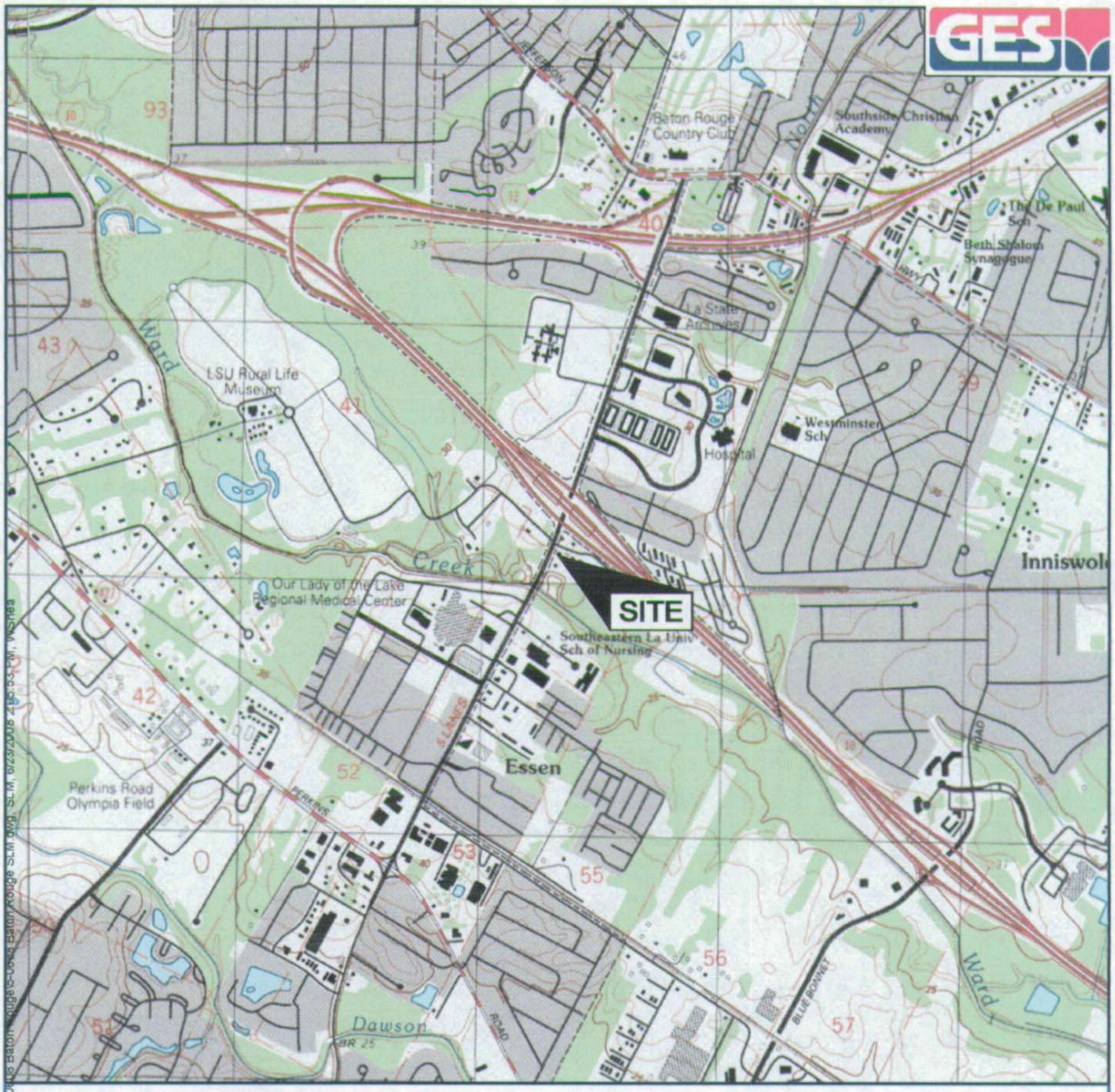
Jennifer G Sepulvado

Kristin Ruff

Kristin Ruff

APPENDIX A

FIGURES



SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1992
BATON ROUGE EAST, LOUISIANA
CONTOUR INTERVAL = 5'

QUADRANGLE LOCATION

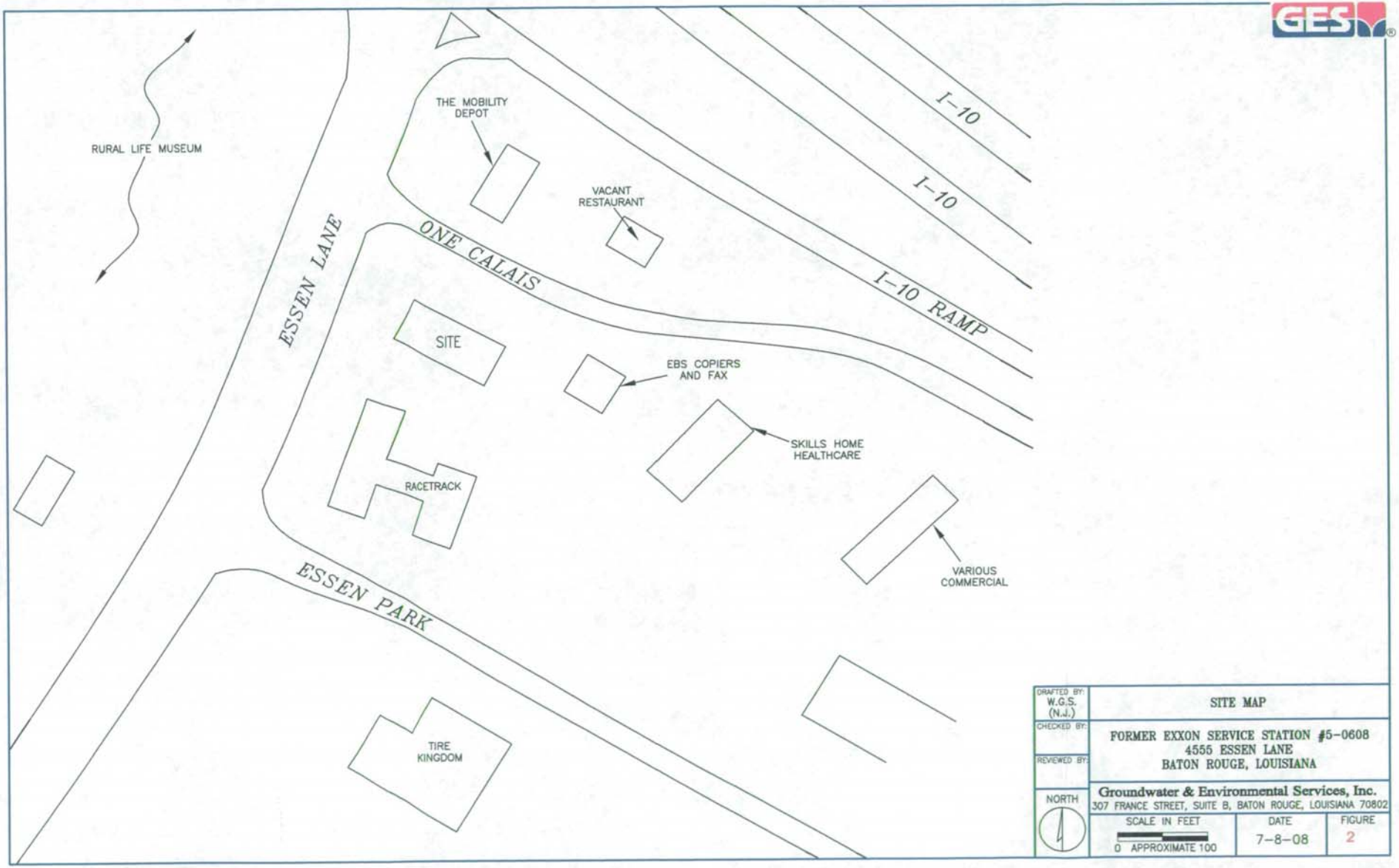
COORDINATES
LAT. 30° 24' 21.93"
LONG. 91° 06' 08.10"

DECIMAL EQUIVALENT
LAT. 30.406092
LONG. 91.10225

STATE PLANE
Y 693251.9027
X 3353680.3124

DRAFTED BY: W.G.S. (N.J.)	SITE LOCATION MAP
CHECKED BY:	FORMER EXXON SERVICE STATION #5-0608 4555 ESSEN LANE BATON ROUGE, LOUISIANA
REVIEWED BY:	
NORTH	Groundwater & Environmental Services, Inc. 307 FRANCE STREET, SUITE B, BATON ROUGE, LOUISIANA 70802

SCALE IN FEET	DATE	FIGURE
0 2000	6-23-08	1



DRAFTED BY: W.G.S. (N.J.)
CHECKED BY:
REVIEWED BY:

SITE MAP

FORMER EXXON SERVICE STATION #5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA

Groundwater & Environmental Services, Inc.
307 FRANCE STREET, SUITE B, BATON ROUGE, LOUISIANA 70802

SCALE IN FEET	DATE	FIGURE
0 APPROXIMATE 100	7-8-08	2

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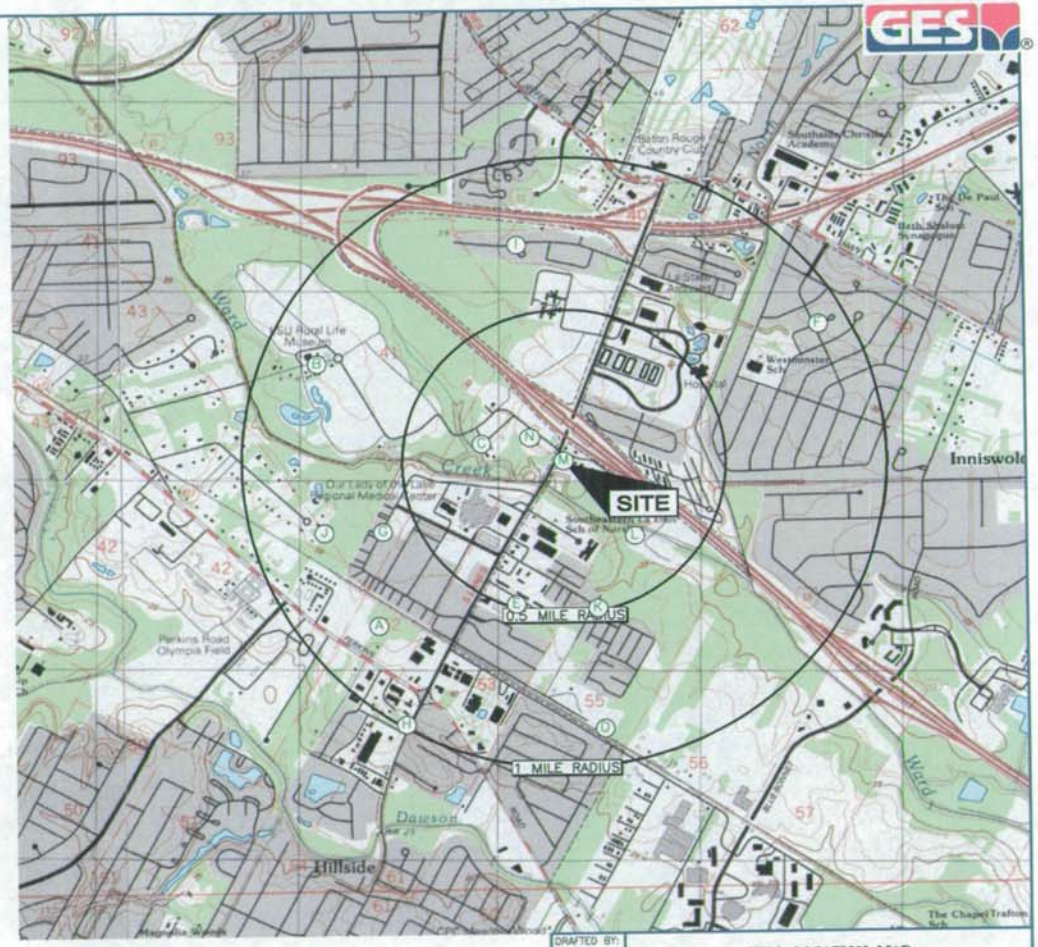
	Owner Name	DOTD Well #	Owner Well #	Well Depth (ft)	Well Use	Lati tude	Longi tude	Distance in Miles
A	MORGAN, E M	-221		368	ABANDONED	302354	910643	0.79
B	WIND RUSH PLNTN	-326		1480	DOMESTIC	302439	910654	0.83
C	LSU BATON ROUGE	-815		645	OBSERVATION	302425	910623	0.25
D	DOLESE CONCRETE	-1169		685	INDUSTRIAL	302336	910601	0.89
E	BENNYS CAR WASH	-1263		650	PUBLIC SUPPLY	302357	910617	0.5
F	MCELVEEN, JOY	-5349Z		300	HEAT PUMP	302445	910520	0.91
G	LA CARDIOLOGY	-5676Z		300	HEAT PUMP	302410	910642	0.61
H	SOUTHLAND CORP	-5987Z	MW-4	11	MONITOR	302337	910638	0.99
I	BATON ROUGE, LA	-8751Z	PH1-22	85	MONITOR	302459	910616	0.72
J	DEPP, DAVID	-8877Z		455	IRRIGATION	302410	910653	0.78
K	URS CORPORATION	-8916Z	T04-24P	41	PIEZOMETER	302356	910602	0.51
L	URS CORPORATION	-8917Z	T04-25P	30	PIEZOMETER	302409	910555	0.33
M	EXXON MOBIL	-8929Z	MW-1	19	MONITOR	302422	910608	0
M	EXXON MOBIL	-8930Z	MW-2	12	MONITOR	302422	910608	0
M	EXXON MOBIL	-8931Z	MW-3	12	MONITOR	302422	910608	0
N	LSU BURDEN CENT	-8984Z		170	IRRIGATION	302426	910614	0.13



SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1992
BATON ROUGE EAST, LOUISIANA
CONTOUR INTERVAL = 5'

APPROXIMATE COORDINATES
LAT. 30° 24' 21.93"
LONG. 91° 06' 08.10"

STATE PLANE COORDINATES
Y 693251.9027
X 3353680.3124

POC – POINT OF COMPLIANCE
POE – POINT OF EXPOSURE
(A) – WELL IDENTIFICATION

QUADRANGLE LOCATION

DRAFTED BY: W.G.S. (N.J.)
CHECKED BY:
REVIEWED BY:
NORTH

WELL LOCATION MAP

FORMER EXXON SERVICE STATION #5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA

Groundwater & Environmental Services, Inc.
307 FRANCE STREET, SUITE B, BATON ROUGE, LOUISIANA 70802

SCALE IN FEET	DATE	FIGURE
0 APPROXIMATE 2000	7-7-08	3

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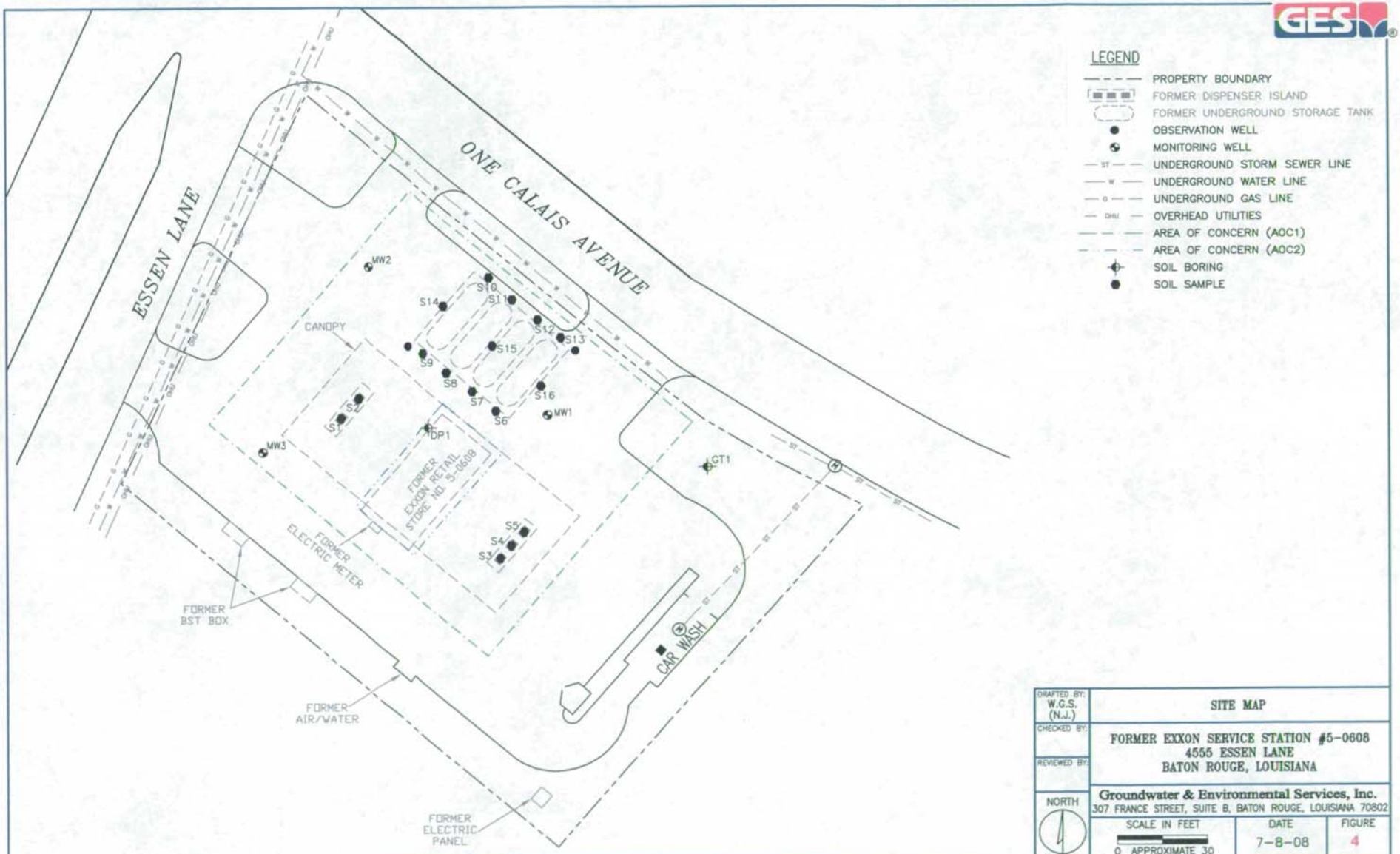
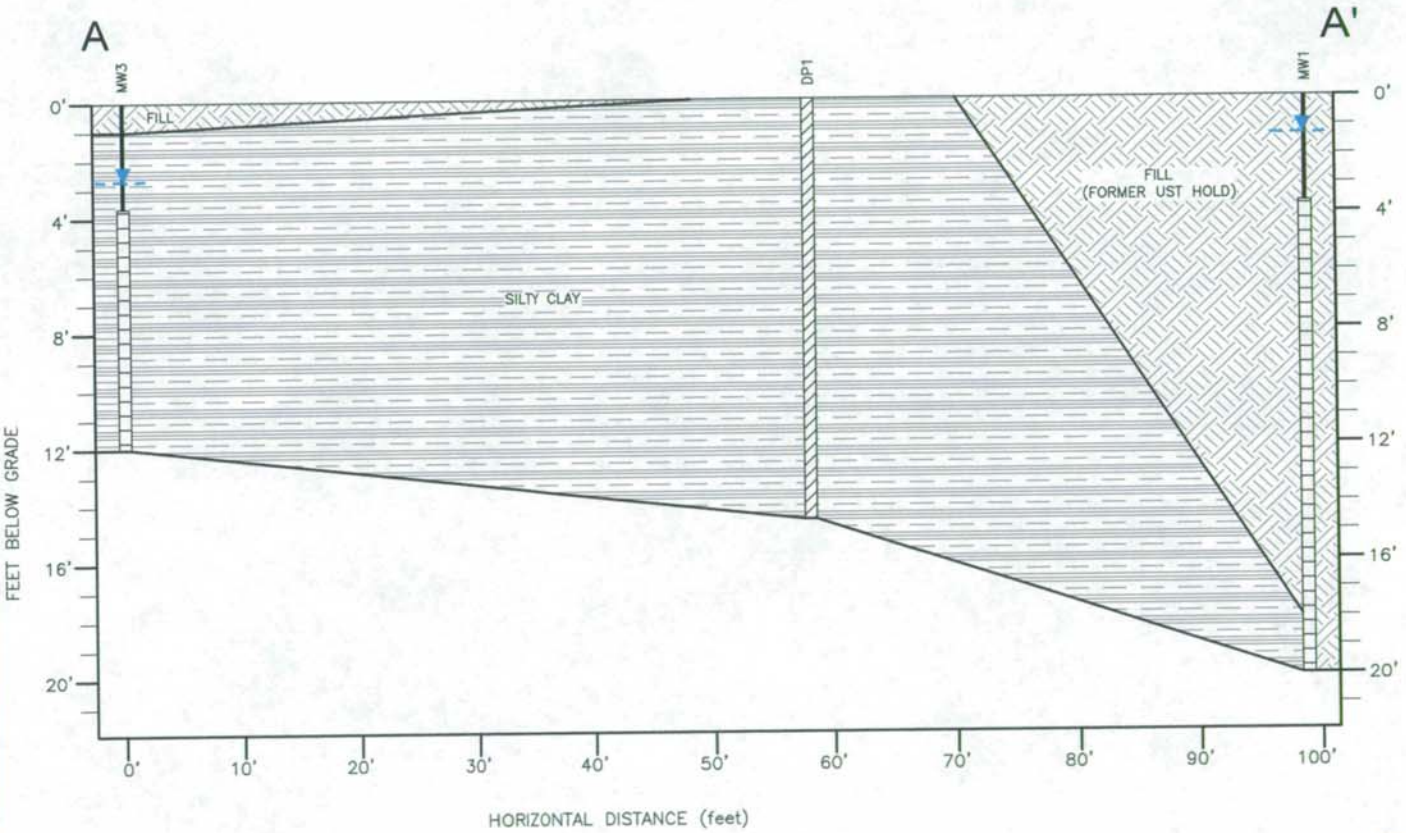

ESSEN LANE
ONE CALAIS AVENUE
CANOPY
MW1
MW2
MW3
DP1
GT1
S1
S2
S3
S4
S5
S6
S7
S8
S9
S10
S11
S12
S13
S14
S15
S16
FORMER EXXON RETAIL STORE NO. 5-0608
FORMER ELECTRIC METER
FORMER BST BOX
FORMER AIR/WATER
FORMER ELECTRIC PANEL
CAR WASH
LEGEND
PROPERTY BOUNDARY
FORMER DISPENSER ISLAND
FORMER UNDERGROUND STORAGE TANK
OBSERVATION WELL
MONITORING WELL
UNDERGROUND STORM SEWER LINE
UNDERGROUND WATER LINE
UNDERGROUND GAS LINE
OVERHEAD UTILITIES
AREA OF CONCERN (AOC1)
AREA OF CONCERN (AOC2)
SOIL BORING
SOIL SAMPLE
DRAFTED BY: W.G.S. (N.J.)
CHECKED BY:
REVIEWED BY:
NORTH
SITE MAP
FORMER EXXON SERVICE STATION #5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
Groundwater & Environmental Services, Inc.
307 FRANCE STREET, SUITE B, BATON ROUGE, LOUISIANA 70802
SCALE IN FEET
0 APPROXIMATE 30
DATE
7-8-08
FIGURE
4



LEGEND

- RISER
- SCREENED INTERVAL
- BORE HOLE
- STATIC WATER LEVEL (AT WELL DEVELOPMENT)

NOTE:

SOIL STRATIFICATION IS SIMPLIFIED AND INFERRED BETWEEN BOREHOLES. ACTUAL CONDITIONS MAY VARY. REFER TO INDIVIDUAL BORING LOGS FOR DETAILS.

DRAFTED BY: W.G.S. (N.J.)	CROSS-SECTION A-A'
CHECKED BY:	FORMER EXXON SERVICE STATION #5-0608 4555 ESSEN LANE BATON ROUGE, LOUISIANA
REVIEWED BY:	Groundwater & Environmental Services, Inc. 307 FRANCE STREET, SUITE B, BATON ROUGE, LOUISIANA 70802

SCALE IN FEET		DATE	FIGURE
HORIZONTAL	1" = 10'	7-8-08	5
VERTICAL	1" = 4'		

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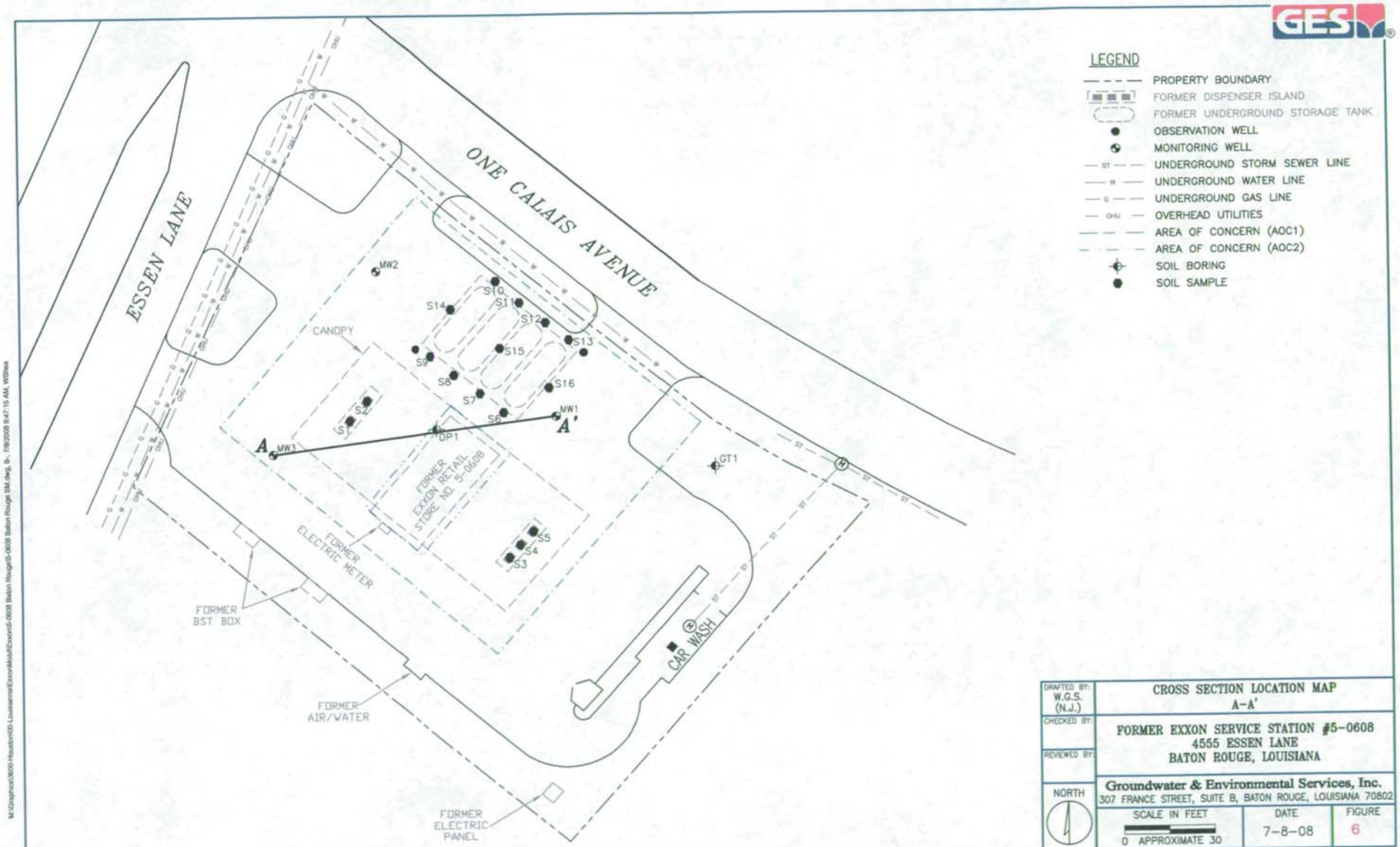
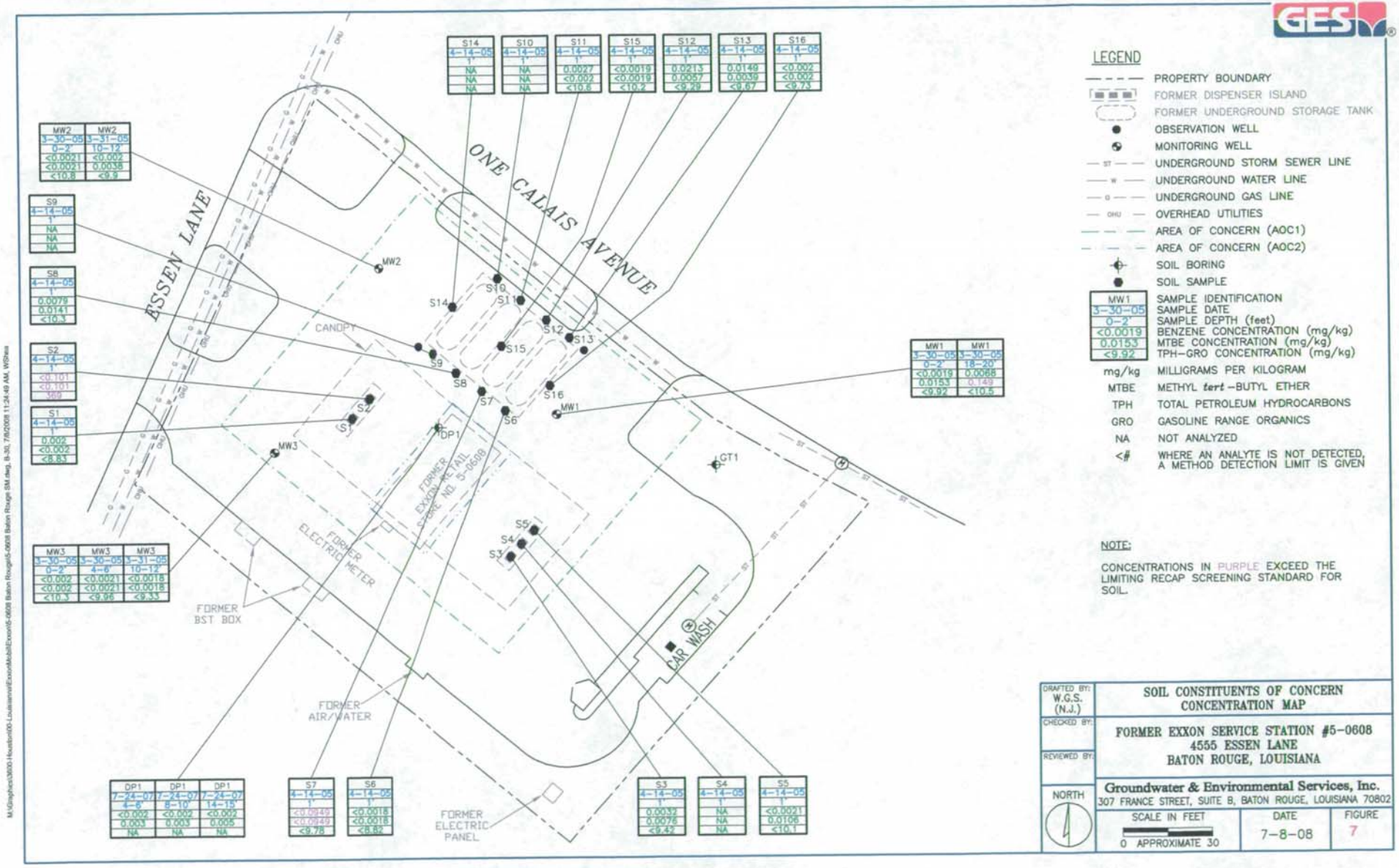

ESSEN LANE
ONE CALAIS AVENUE
CANOPY
FORMER EXXON RETAIL STORE NO. 5-0608
FORMER ELECTRIC METER
FORMER BST BOX
FORMER AIR/WATER
FORMER ELECTRIC PANEL
CAR WASH
MW1
MW2
MW3
DP1
GT1
S1
S2
S3
S4
S5
S6
S7
S8
S9
S10
S11
S12
S13
S14
S15
S16
A
A'
LEGEND
PROPERTY BOUNDARY
FORMER DISPENSER ISLAND
FORMER UNDERGROUND STORAGE TANK
OBSERVATION WELL
MONITORING WELL
UNDERGROUND STORM SEWER LINE
UNDERGROUND WATER LINE
UNDERGROUND GAS LINE
OVERHEAD UTILITIES
AREA OF CONCERN (AOC1)
AREA OF CONCERN (AOC2)
SOIL BORING
SOIL SAMPLE
DRAFTED BY: W.G.S. (N.J.)
CHECKED BY:
REVIEWED BY:
NORTH
CROSS SECTION LOCATION MAP
A-A'
FORMER EXXON SERVICE STATION #5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
Groundwater & Environmental Services, Inc.
307 FRANCE STREET, SUITE B, BATON ROUGE, LOUISIANA 70802
SCALE IN FEET
0 APPROXIMATE 30
DATE
7-8-08
FIGURE
6



LEGEND

- PROPERTY BOUNDARY
- FORMER DISPENSER ISLAND
- FORMER UNDERGROUND STORAGE TANK
- OBSERVATION WELL
- MONITORING WELL
- UNDERGROUND STORM SEWER LINE
- UNDERGROUND WATER LINE
- UNDERGROUND GAS LINE
- OVERHEAD UTILITIES
- AREA OF CONCERN (AOC1)
- AREA OF CONCERN (AOC2)
- SOIL BORING
- SOIL SAMPLE

MW1	SAMPLE IDENTIFICATION
3-30-05	SAMPLE DATE
0-2'	SAMPLE DEPTH (feet)
<0.0019	BENZENE CONCENTRATION (mg/kg)
0.0153	MTBE CONCENTRATION (mg/kg)
<9.92	TPH-GRO CONCENTRATION (mg/kg)

mg/kg	MILLIGRAMS PER KILOGRAM
MTBE	METHYL *tert* -BUTYL ETHER
TPH	TOTAL PETROLEUM HYDROCARBONS
GRO	GASOLINE RANGE ORGANICS
NA	NOT ANALYZED
<#	WHERE AN ANALYTE IS NOT DETECTED, A METHOD DETECTION LIMIT IS GIVEN

NOTE:

CONCENTRATIONS IN PURPLE EXCEED THE LIMITING RECAP SCREENING STANDARD FOR SOIL.

DRAFTED BY: W.G.S. (N.J.)	SOIL CONSTITUENTS OF CONCERN CONCENTRATION MAP
CHECKED BY:	FORMER EXXON SERVICE STATION #5-0608 4555 ESSEN LANE BATON ROUGE, LOUISIANA
REVIEWED BY:	Groundwater & Environmental Services, Inc. 307 FRANCE STREET, SUITE B, BATON ROUGE, LOUISIANA 70802
NORTH	SCALE IN FEET: 0 APPROXIMATE 30 / DATE: 7-8-08 / FIGURE: 7

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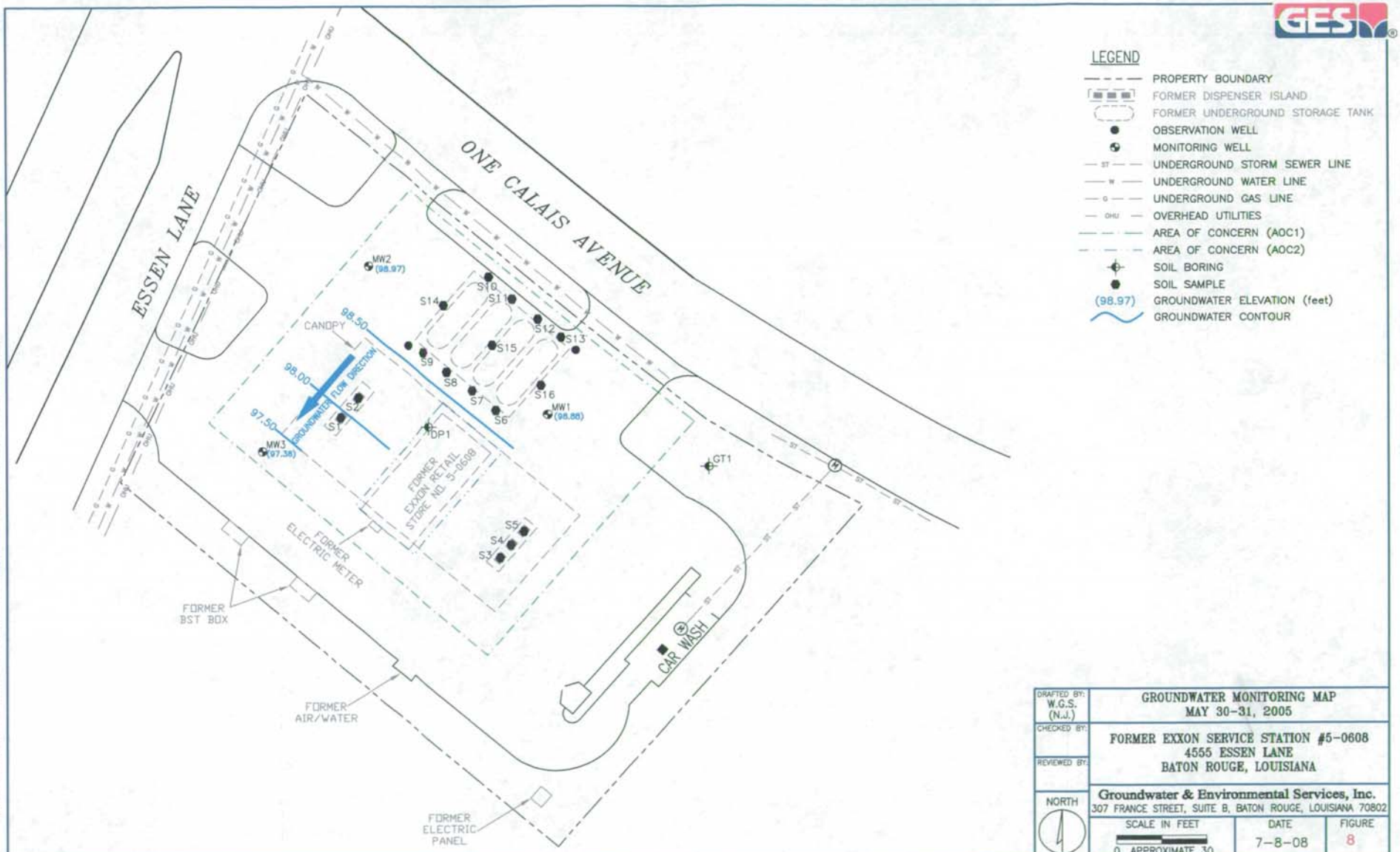

DRAFTED BY: W.O.S. (N.J.)	GROUNDWATER MONITORING MAP MAY 30-31, 2005
CHECKED BY:	FORMER EXXON SERVICE STATION #5-0608 4555 ESSEN LANE BATON ROUGE, LOUISIANA
REVIEWED BY:	Groundwater & Environmental Services, Inc. 307 FRANCE STREET, SUITE B, BATON ROUGE, LOUISIANA 70802
NORTH	SCALE IN FEET: 0 APPROXIMATE 30 / DATE: 7-8-08 / FIGURE: 8

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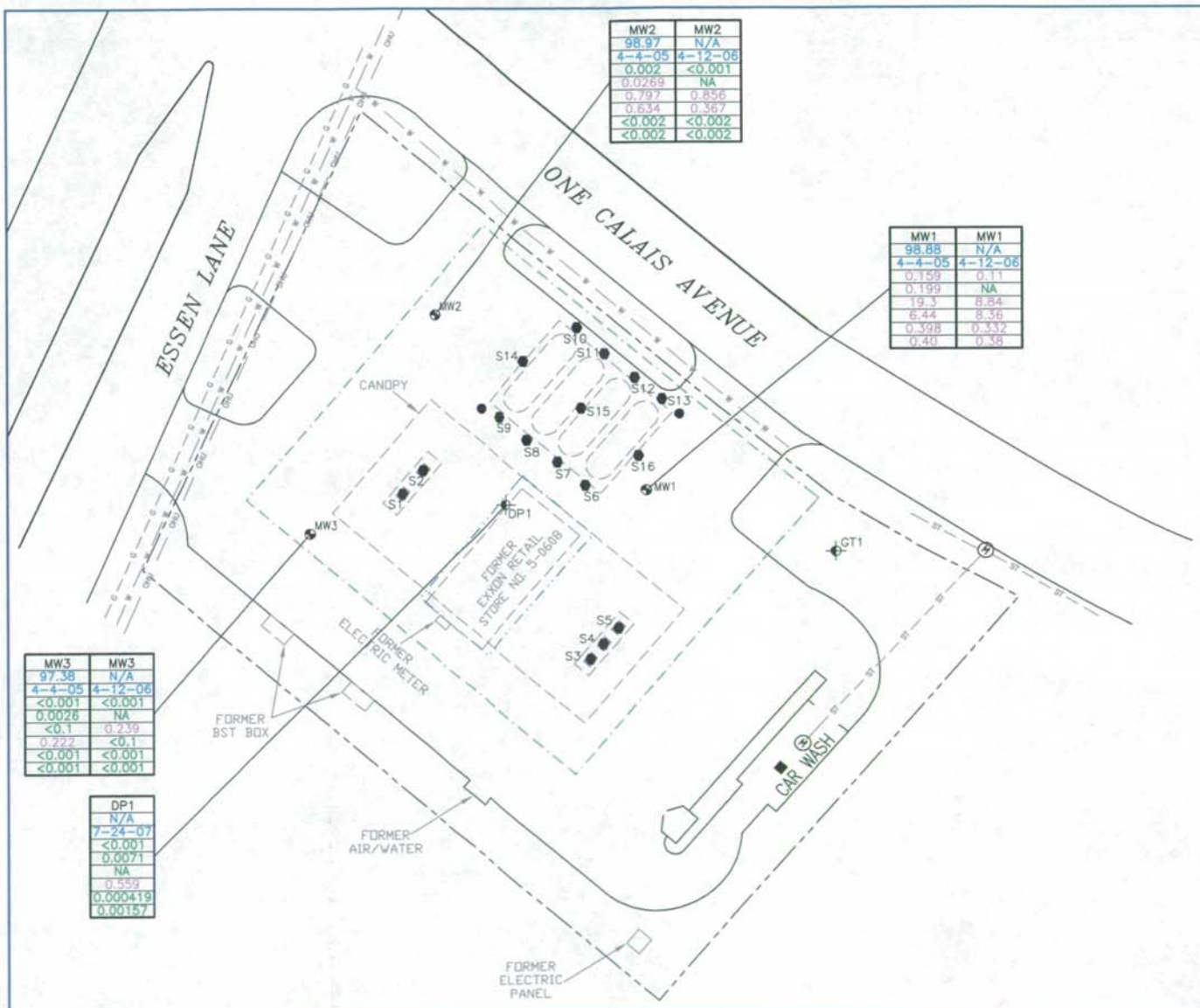


MW2	MW2
98.97	N/A
4-4-05	4-12-08
0.002	<0.001
0.0269	NA
0.797	0.856
0.634	0.367
<0.002	<0.002
<0.002	<0.002

MW1	MW1
98.88	N/A
4-4-05	4-12-08
0.159	0.11
0.199	NA
19.3	8.84
6.44	8.36
0.398	0.332
0.40	0.38

MW3	MW3
97.38	N/A
4-4-05	4-12-06
<0.001	<0.001
0.0026	NA
<0.1	0.239
0.222	<0.1
<0.001	<0.001
<0.001	<0.001

DP1
N/A
7-24-07
<0.001
0.0071
NA
0.559
0.000419
0.00157

LEGEND

- PROPERTY BOUNDARY
- FORMER DISPENSER ISLAND
- FORMER UNDERGROUND STORAGE TANK
- OBSERVATION WELL
- MONITORING WELL
- UNDERGROUND STORM SEWER LINE
- UNDERGROUND WATER LINE
- UNDERGROUND GAS LINE
- OVERHEAD UTILITIES
- AREA OF CONCERN (AOC1)
- AREA OF CONCERN (AOC2)
- SOIL BORING
- SOIL SAMPLE

MW1	WELL IDENTIFICATION
98.88	GROUNDWATER ELEVATION (feet)
4-4-05	SAMPLE DATE
0.159	BENZENE CONCENTRATION (mg/L)
0.199	MTBE CONCENTRATION (mg/L)
19.3	TPH-GRO CONCENTRATION (mg/L)
6.44	TPH-DRO CONCENTRATION (mg/L)
0.398	2-METHYLNAPHTHALENE CONCENTRATION (mg/L)
0.40	NAPHTHALENE CONCENTRATION (mg/L)

mg/L	MILLIGRAMS PER LITER
MTBE	METHYL *tert* -BUTYL ETHER
TPH	TOTAL PETROLEUM HYDROCARBONS
GRO	GASOLINE RANGE ORGANICS
DRO	DIESEL RANGE ORGANICS
NA	NOT ANALYZED
<#	WHERE AN ANALYTE IS NOT DETECTED, A METHOD DETECTION LIMIT IS GIVEN
N/A	NOT AVAILABLE

NOTE:

CONCENTRATIONS IN PURPLE EXCEED THE LIMITING RECAP SCREENING STANDARD FOR GROUNDWATER.

DRAFTED BY: W.G.S. (N.J.)
CHECKED BY:
REVIEWED BY:

GROUNDWATER CONSTITUENT OF CONCERN CONCENTRATION MAP

FORMER EXXON SERVICE STATION #5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA

Groundwater & Environmental Services, Inc.
307 FRANCE STREET, SUITE B, BATON ROUGE, LOUISIANA 70802

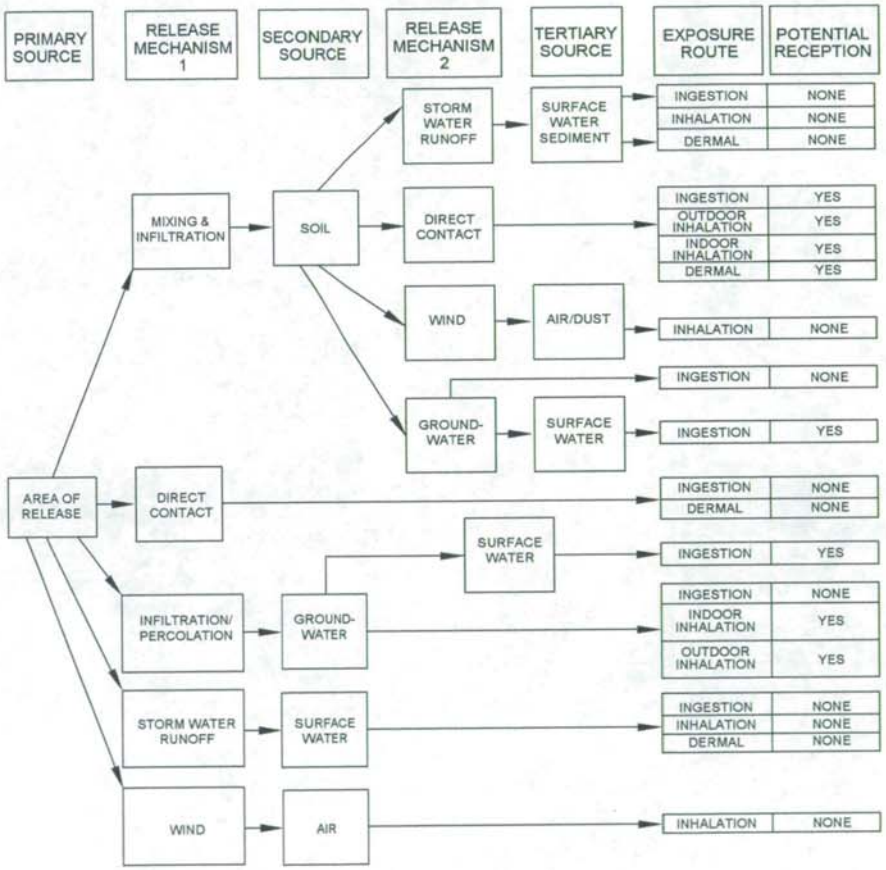
NORTH

SCALE IN FEET: 0 APPROXIMATE 30

DATE: 7-8-08

FIGURE: 9

M:\Graphics\5600-Houston\01-Louisiana\ExxonMobil\Exxon\5-0608 Baton Rouge\5-0608 Baton Rouge SM.dwg, B-30, 7/8/2008 11:42:34 AM, WSkea



DRAFTED BY: W.G.S. (N.J.)	CONCEPTUAL SITE MODEL
CHECKED BY:	FORMER EXXON SERVICE STATION #5-0608 4555 ESSEN LANE BATON ROUGE, LOUISIANA
REVIEWED BY:	Groundwater & Environmental Services, Inc. 307 FRANCE STREET, SUITE B, BATON ROUGE, LOUISIANA 70802
NORTH	DATE: 7-8-08 / FIGURE: 10

M:\Graphics\5600-Houston\05-Louisiana\ExxonMobil\Exxon\5-0608 Baton Rouge\5-0608 Baton Rouge Site Model.dwg, 8-, 7/8/2008 11:47:34 AM, WShea

APPENDIX B

TABLES

TABLE 1A

SOIL SAMPLE ANALYTICAL LABORATORY DATA
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
AGENCY INTEREST NUMBER: 13366

Boring (depth, ft)	Sample Date	Parameter							
		Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Lead (mg/kg)
SOIL_SSni		*1.5*	*68*	*160*	*18*	*650*	*65*	*65*	*400*
SOIL_SSGW		*0.051*	*20*	*19*	*150*	*0.077*	*65*	*65*	*100*
MW-1 (0' - 2')	3/30/2005	<0.0019	0.0025	<0.0019	<0.0019	0.0153	<9.92	<9.84	NA
MW-1 (18' - 20')	3/30/2005	0.0068	0.007	0.0416	0.245	**0.149**	<10.5	<10.2	NA
MW-2 (0' - 2')	3/30/2005	<0.0021	0.0037	<0.0021	<0.0021	<0.0021	<10.8	<9.88	NA
MW-2 (10' - 12')	3/31/2005	<0.002	<0.002	<0.002	<0.002	0.0038	<9.9	<10	NA
MW-3 (0' - 2')	3/30/2005	<0.002	0.0033	<0.002	<0.002	<0.002	<10.3	<10	NA
MW-3 (4' - 6')	3/30/2005	<0.0021	0.0029	<0.0021	<0.0021	<0.0021	<9.96	<10.1	NA
MW-3 (10' - 12')	3/31/2005	<0.0018	0.0019	<0.0018	<0.0018	<0.0018	<9.33	<10.1	NA
S-1 (1')	4/14/2005	0.002	<0.002	<0.002	<0.002	<0.002	<8.83	NA	7.91
S-2 (1')	4/14/2005	**<0.101**	<0.101	1.66	6.66	**<0.101**	**369**	NA	9.09
S-3 (1')	4/14/2005	0.0032	<0.0019	<0.0019	<0.0019	0.0076	<9.42	NA	6.10
S-4 (1')	4/14/2005	NA	NA	NA	NA	NA	NA	<10	6.07
S-5 (1')	4/14/2005	<0.0021	<0.0021	<0.0021	<0.0021	0.0106	<10.1	NA	11.3
S-6 (1')	4/14/2005	<0.0018	<0.0018	<0.0018	<0.0018	<0.0018	<8.82	NA	8.27
S-7 (1')	4/14/2005	**<0.0949**	<0.0949	<0.0949	<0.0949	**<0.0949**	<9.78	NA	5.33
S-8 (1')	4/14/2005	0.0079	<0.0021	0.0032	<0.0021	0.0141	<10.3	NA	14.1
S-9 (1')	4/14/2005	NA	NA	NA	NA	NA	NA	<10	8.33
S-10 (1')	4/14/2005	NA	NA	NA	NA	NA	NA	14.4	13.1

TABLE 1A

SOIL SAMPLE ANALYTICAL LABORATORY DATA
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
AGENCY INTEREST NUMBER: 13366

Boring (depth, ft)	Sample Date	Parameter							
		Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Lead (mg/kg)
SOIL_SSni		*1.5*	*68*	*160*	*18*	*650*	*65*	*65*	*400*
SOIL_SSGW		***0.051***	*20*	*19*	*150*	***0.077***	*65*	*65*	*100*
S-11 (1')	4/14/2005	0.0027	0.0032	<0.002	0.004	<0.002	<10.6	NA	8.09
S-12 (1')	4/14/2005	0.0213	0.0038	<0.0022	0.0121	0.0057	<9.29	NA	9.0
S-13 (1')	4/14/2005	0.0149	0.0029	0.0029	0.0065	0.0039	<9.67	NA	13
S-14 (1')	4/14/2005	NA	NA	NA	NA	NA	NA	58.8	5.22
S-15 (1')	4/14/2005	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<10.2	NA	2.76
S-16 (1')	4/14/2005	<0.002	<0.002	<0.002	0.0037	<0.002	<9.73	NA	1.99
DP-1 (4-6)	7/24/2007	<0.002	<0.002	<0.002	<0.005	0.003	NA	<4.99	6.85
DP-1 (8-10)	7/24/2007	<0.002	<0.002	<0.002	<0.005	0.003	NA	<4.94	9.62
DP-1 (14-15)	7/24/2007	<0.002	<0.002	<0.002	<0.004	0.005	NA	<4.91	11.5

mg/kg = Milligrams per kilogram
MTBE = Methyl tert-butyl ether
TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics
TPH-DRO = Total Petroleum Hydrocarbons-Diesel Range Organics
NA= Not Analyzed
SOIL_SSni: The risk-based soil screening standards, specified in LDEQ's October 20, 2003 RECAP Table 1, based on the protection of human health for non-industrial land use.
SOIL_SSGW: Screening standards, specified in LDEQ's October 20, 2003 RECAP Table 1, for the soil concentration protective of groundwater.

Notes: All soil data collected by previous consultant for the site - Conestoga-Rovers & Associates.
Highlighted SS is the limiting SS from LDEQ's October 20, 2003, RECAP Table 1 - Screening Option Screening Standards for Soil and Groundwater.
Bold and highlighted sample concentrations are those that exceed the LDEQ SS.

TABLE 1B
SOIL SAMPLE ANALYTICAL LABORATORY DATA
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
AGENCY INTEREST NO. 13366

Sample Location	Sample Date	Depth (ft.)	Parameter						
			Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Mercury (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)
SOIL_SSni			*12*	*550*	*3.9*	*23*	*2.3*	*39*	*39*
SOIL_SSGW			*100*	*2,000*	*20*	*100*	*4*	*20*	*100*
S-4	4/14/2005	1	<0.98	86.3	<0.98	7.05	<0.0985	<1.96	<0.98
S-9	4/14/2005	1	<0.99	121	<0.99	9.52	<0.0971	<1.98	<0.99
S-10	4/14/2005	1	3.37	120	<0.99	11.3	<0.1	<1.98	<0.99
S-14	4/14/2005	1	<1.0	43.4	<1.0	5.82	<0.0976	<2.01	<1.0

mg/kg = Milligrams per kilogram

SOIL_SSni: The risk-based soil screening standards, specified in LDEQ's October 20, 2003 RECAP Table 1, based on the protection of human health for non-industrial land use.

SOIL_SSGW: Screening standards, specified in LDEQ's October 20, 2003 RECAP Table 1, for the soil concentration protective of groundwater.

Notes: All soil data collected by previous consultant for the site - Conestoga-Rovers & Associates.
Highlighted SS are the limiting SS from LDEQ's October 20, 2003, RECAP Table 1 - Screening Option Screening Standards for Soil and Groundwater.
Bold and highlighted sample concentrations are those that exceed the LDEQ SS.

TABLE 1C

SOIL ANALYTICAL LABORATORY DATA
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA
AGENCY INTEREST NO. 13366

		Parameters															
Sample Location (depth, ft-bgs)	*Sample Date*	*Acenaphthene (mg/kg)*	*Acenaphthylene (mg/kg)*	*Anthracene (mg/kg)*	*Benzo(a)anthracene (mg/kg)*	*Benzo(b)fluoranthene (mg/kg)*	*Benzo(k)fluoranthene (mg/kg)*	*Benzo(a)pyrene (mg/kg)*	*Chrysene (mg/kg)*	*Dibenz(a,h)anthracene (mg/kg)*	*Fluoranthene (mg/kg)*	*Fluorene (mg/kg)*	*Indeno(1,2,3-cd)pyrene (mg/kg)*	*2-Methylnaphthalene (mg/kg)*	*Naphthalene (mg/kg)*	*Phenanthrene (mg/kg)*	*Pyrene (mg/kg)*
SOIL_SSni		*370*	*350*	*2,200*	*0.62*	*0.62*	*6.2*	*0.33*	*62*	*0.33*	*220*	*280*	*0.62*	*22*	*6.2*	*2,100*	*230*
SOIL_SSGW		*220*	*88*	*120*	*330*	*220*	*120*	*23*	*76*	*540*	*1,200*	*230*	*9.2*	*1.7*	*1.5*	*660*	*1,100*
S-4 (1')	4/14/2005	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	NA	<0.067
S-9 (1')	4/14/2005	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	NA	<0.067
S-10 (1')	4/14/2005	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	NA	<0.067
S-14 (1')	4/14/2005	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	NA	<0.067
DP-1 (4-6)	7/24/2007	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329	<0.00329
DP-1 (8-10)	7/24/2007	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325	<0.00325
DP-1 (14-15)	7/24/2007	<0.00324	<0.00324	<0.00324	<0.00324	<0.00324	<0.00324	<0.00324	<0.00324	<0.00324	<0.00324	<0.00324	<0.00324	<0.00324	<0.00324	<0.00324	<0.00324

mg/kg = Milligrams per kilogram

SOIL_SSni: The risk-based soil screening standards, specified in LDEQ's October 20, 2003 RECAP Table 1, based on the protection of human health for non-industrial land use.

SOIL_SSGW: Screening standards, specified in LDEQ's October 20, 2003 RECAP Table 1, for the soil concentration protective of groundwater.

Notes: All soil data collected by previous consultant for the site - Conestoga-Rovers & Associates.

Highlighted SS are the limiting SS from LDEQ's October 20, 2003, RECAP Table 1 - Screening Option Screening Standards for Soil and Groundwater.

Bold and highlighted sample concentrations are those that exceed the LDEQ SS.

TABLE 1D

SOIL ANALYTICAL LABORATORY DATA
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA
AGENCY INTEREST NO. 13366

Sample Location (depth, ft-bgs)	*Sample Date*	*Parameters*		
		Aliphatics $>C_6$-C_8 (mg/kg)	*Aliphatics $>C_8$-C_{10} (mg/kg)*	*Aromatics $>C_8$-C_{10} (mg/kg)*
SOIL_SSni		*1,200**	*1,200**	*65**
SOIL_SSGW		*10,000**	*5,300**	*65**
DP-1 (4-6)	7/24/2007	<4.60	<4.60	<4.60
DP-1 (8-10)	7/24/2007	16.9	6.01	<4.74
DP-1 (14-15)	7/24/2007	<4.57	<4.57	<4.57

mg/kg = Milligrams per kilogram

SOIL_SSni: The risk-based soil screening standards, specified in LDEQ's October 20, 2003 RECAP Table 1, based on the protection of human health for non-industrial land use.

SOIL_SSGW: Screening standards, specified in LDEQ's October 20, 2003 RECAP Table 1, for the soil concentration protective of groundwater.

Notes: All soil data collected by previous consultant for the site - Conestoga-Rovers & Associates.
Highlighted SS are the limiting SS from LDEQ's October 20, 2003, RECAP Table 1 - Screening Option Screening Standards for Soil and Groundwater.

TABLE 1E

SOIL SAMPLE ANALYTICAL LABORATORY RESULTS
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
AGENCY INTEREST NO. 13366

Sample Location	*Sample Collection Date*	*SPLP benzene (mg/kg)*	*SPLP MTBE (mg/kg)*	*SPLP TPH-GRO (mg/kg)*
		*0.1**	*0.4**	*6.8**
S-2 (1')	4/14/2005	0.0021	0.0007	3.99
S-7 (1')	4/14/2005	<0.001	<0.001	NA

mg/kg = Milligrams per kilogram
NA = Not Analyzed
MTBE = methyl tertiary butyl ether
TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics
*Screening Standards for SPLP extracts were derived by multiplying the RECAP MO-1 GW1 Standard by a default dilution factor of 20.

Notes: All soil data collected by previous consultant for the site - Conestoga-Rovers & Associates.

TABLE 2

MONITOR WELL INSTALLATION DATA
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
AGENCY INTEREST NUMBER: 13366

Well I.D.	*Date of Installation*	*Well Depth*	*Ground Surface Elevation*	*Top-of-Casing Elevation*	*Groundwater Elevation at Development*	*Screen Interval Elevation*	*Latitude*	*Longitude*
MW-1	3/30/2005	20.0	100.06	99.80	98.88	98.36 to 81.36	N30°24'22"	W91°06'08"
MW-2	3/31/2005	12.0	100.12	99.80	98.97	98.42 to 88.42	N30°24'22"	W91°06'08"
MW-3	3/31/2005	12.2	99.89	100.18	97.38	98.57 to 88.57	N30°24'22"	W91°06'08"

Notes: Elevations are relative to an on-site benchmark with an assigned elevation of 100.00 ft.

All dimensions measurements in feet.

All wells constructed of 2-inch diameter, Schedule 40 PVC casing and screen.

All wells were developed with the use of a PVC surge block.

TABLE 3A

GROUNDWATER SAMPLE ANALYTICAL LABORATORY DATA
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, LOUISIANA
AGENCY INTEREST NUMBER: 13366

Monitor Well	*Sample Date*	*Parameter*							
		Benzene (mg/L)	*Toluene (mg/L)*	*Ethylbenzene (mg/L)*	*Xylenes (mg/L)*	*MTBE (mg/L)*	*TPH-GRO (mg/L)*	*TPH-DRO (mg/L)*	*Lead (mg/L)*
GW_SS		***0.005***	***1.0***	***0.7***	***10***	***0.02***	***0.15***	***0.15***	***0.15***
MW-1	4/4/2005	**0.159**	0.0875	0.586	1.95	**0.199**	**19.3**	**6.44**	NA
	4/12/2006	**0.11**	0.0373	0.357	0.609	NA	**8.84**	**8.36**	NA
MW-2	4/4/2005	0.002	<0.001	<0.001	<0.001	**0.0269**	**0.797**	**0.634**	NA
	4/12/2006	<0.001	<0.001	<0.001	<0.001	NA	**0.856**	**0.367**	NA
MW-3	4/4/2005	<0.001	<0.001	<0.001	<0.001	0.0026	<0.1	**0.222**	NA
	4/12/2006	<0.001	<0.001	<0.001	<0.001	N/A	**0.239**	<0.1	NA
DP-1	7/24/2007	<0.001	<0.001	0.00794	0.00621	0.0071	NA	**0.559**	0.00780

mg/L = Milligrams per liter
MTBE = Methyl tertiary butyl ether
TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics
TPH-DRO = Total Petroleum Hydrocarbons-Diesel Range Organics
NA= Not Analyzed
GW_SS: RECAP screening standard from groundwater, specified in LDEQ's October 20, 2003, RECAP Table 1.
Notes: All groundwater data collected by previous consultant for the site - Conestoga-Rovers & Associates.
Bold font with shading indicates result exceeds RECAP Screening Standards.

TABLE 3B

GROUNDWATER SAMPLE ANALYTICAL LABORATORY DATA
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA
AGENCY INTEREST NO. 13366

Sample Location	Sample Date	Parameter															
		Acenaphthene (mg/L)	Acenaphthylene (mg/L)	Anthracene (mg/L)	Benzo(a)anthracene (mg/L)	Benzo(b)fluoranthene (mg/L)	Benzo(k)fluoranthene (mg/L)	Benzo(a)pyrene (mg/L)	Chrysene (mg/L)	Dibenz(a,h)anthracene (mg/L)	Fluoranthene (mg/L)	Fluorene (mg/L)	Indeno(1,2,3-cd)pyrene (mg/L)	2-Methylnaphthalene (mg/L)	Naphthalene (mg/L)	Phenanthrene (mg/L)	Pyrene (mg/L)
GW_SS		0.037	0.1	0.043	0.0078	0.0048	0.0025	0.0002	0.0016	0.0025	0.15	0.024	0.0037	0.00062	0.01	0.18	0.018
MW-1	4/4/2005	<0.001	<0.001	0.00739	<0.0001	<0.0001	<0.00014	<0.0001	<0.0001	<0.0002	0.00053	<0.0005	<0.0002	**0.398**	**0.40**	<0.0005	0.00236
	4/12/2006	<0.001	0.0811	<0.001	<0.0001	<0.0001	<0.00014	<0.0001	<0.0001	<0.0002	<0.0004	0.0235	<0.0002	**0.332**	**0.38**	<0.0005	0.0008
MW-2	4/4/2005	<0.002	<0.002	<0.001	<0.0002	<0.0002	<0.00028	<0.0002	<0.0002	<0.0004	<0.0004	<0.001	<0.0004	<0.002	<0.002	<0.001	<0.0004
	4/12/2006	<0.002	<0.002	<0.001	<0.0002	<0.0002	<0.00028	<0.0002	<0.0002	<0.0004	<0.0004	<0.001	<0.0004	<0.002	<0.002	<0.001	<0.0004
MW-3	4/4/2005	<0.001	<0.001	<0.0005	<0.0001	<0.0001	<0.00014	<0.0001	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.001	<0.001	<0.0005	<0.0002
	4/12/2006	<0.001	0.0126	<0.0005	<0.0001	<0.0001	<0.00014	<0.0001	<0.0001	<0.0002	<0.0002	<0.0005	<0.0002	<0.001	<0.001	<0.0005	<0.0002
DP-1	7/24/2007	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	<0.0000952	######	<0.0000952	0.000419	#####	######	<0.0000952

mg/L = Milligrams per liter

GW_SS: RECAP screening standard from groundwater, specified in LDEQ's October 20, 2003, RECAP Table 1.

Notes: All groundwater data collected by previous consultant for the site - Conestoga-Rovers & Associates.
Bold font with shading indicates result exceeds RECAP Screening Standards.

TABLE 3C

GROUNDWATER SAMPLE ANALYTICAL LABORATORY DATA
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA
AGENCY INTEREST NO. 13366

Sample Location	*Sample Date*	*Parameters*		
		Aliphatics $>C_6-C_8$ *(mg/L)*	*Aliphatics* $>C_8-C_{10}$ *(mg/L)*	*Aromatics* $>C_8-C_{10}$ *(mg/L)*
GW_SS		***3.2***	***0.2***	***0.15***
DP-1	7/24/2007	<0.1	<0.1	<0.1

mg/L = Milligrams per liter

GW_SS: RECAP screening standard from groundwater, specified in LDEQ's October 20, 2003, RECAP Table 1.

Notes: All groundwater data collected by previous consultant for the site - Conestoga-Rovers & Associates.
Bold font with shading indicates result exceeds RECAP Screening Standards.

TABLE 4A

LISTING OF SOIL AOIC AND GROUNDWATER CC
WITH A COMPARISON TO LIMITING SCREENING STANDARDS
AOC-1
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA
AGENCY INTEREST NO. 13366

Constituent of Concern	*RECAP Limiting Screening Standard* [1]	*Area of Investigation Concentrations* [2] *(mg/kg) Depth Interval in Feet 0 - 15*	*RECAP Limiting Screening Standard* [1]	*Groundwater Compliance Concentrations* [2] *(mg/L)*
Benzene	0.051	**0.101**	0.005	**0.159**
MTBE	0.077	**0.149**	0.02	**0.199**
TPH-GRO	65	**369**	0.15	**19.3**
TPH-DRO	65	58.8	0.15	**8.36**
2-Methylnaphthalene	1.7	<0.067	0.00062	**0.398**
Naphthalene	1.5	<0.067	0.01	**0.4**

mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
MTBE = Methyl tert-butyl ether
TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics
TPH-DRO = Total Petroleum Hydrocarbons-Diesel Range Organics

Notes: [1] Screening Standards (SS) specified in the LDEQ's October 20, 2003, RECAP Table 1 - Screening Option, Screening Standards for Soil and Groundwater.

[2] The reported soil Area of Investigation concentrations (AOIC) and groundwater Compliance Concentrations (CC) are the maximum concentrations encountered for each constituent of concern from samples collected during the site investigations.
Bold and highlighted sample concentrations are those that exceed the LDEQ SS.

TABLE 4B

LISTING OF SOIL AOIC AND GROUNDWATER CC
AOC-2
FORMER EXXON RETAIL STORE NO. 5-0608
4555 ESSEN LANE
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA
AGENCY INTEREST NO. 13366

Constituent of Concern	*Area of Investigation Concentrations (1) (mg/kg) Depth Interval in Feet 0 - 15*	*Groundwater Compliance Concentrations (1) (mg/L)*
Ethylbenzene	<0.002	**0.00794**
Xylenes	<0.005	**0.00621**
MTBE	**0.005**	**0.0071**
Aliphatics >C_6-C_8	**16.9**	<0.1
Aliphatics >C_8-C_{10}	**6.01**	<0.1

mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
MTBE = Methyl tert-butyl ether

Notes: (1) The reported soil Area of Investigation Concentrations (AOIC) and groundwater Compliance Concentrations (CC) are the maximum concentrations encountered for each constituent of concern from samples collected during the site investigations. Bold and highlighted values represent all volatile constituents that were reported above the detection limits in AOC-2 and were evaluated for the enclosed structure pathway.

TABLE 5A

LIST OF LIMITING RS FOR SOIL
AOC 1
FORMER EXXON RETAIL STORE NO 5-0608
4555 ESSEN LANE
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA
AGENCY INTEREST NO 13366

Constituents of Concern (refer to Table 4A)	*Appendix I MO-2 Soil RECAP Standards (mg/kg)*								
	Soil $_{ni}$	*AOI Concentration*	*Target Organ(s)*	*Hazard Quotient*	*Soil $_{GW3NDW}$*	*Dilution Factor*	*Adjusted Soil $_{GW3NDW}$*	*Soil $_{sat}$*	*Limiting RECAP Standard*
	A	B		C=B/A	D	E	F=D*E	G	MIN(A H I)
Benzene	3 1	0 101	N/A	N/A	0 19	476	90 44	1 300	3 10
MTBE	12 000	0 149	L K O	0 000012	2 600	476	>1 000 000	12 000	12 000
TPH GRO	1 200	369	L K DBW H	0 307500	10 000	476	10,000 (1)	N/A	1 200
Hazard Index Liver				0 307512					
Hazard Index Kidney				0 307512					
Hazard Index Ocular				0 000012					
Hazard Index Dec Body Wt				0 307500					
Hazard Index Hem System				0 307500					

Appendix I Parameters
Source Length < 30 ft
foc 0 138
Category 8
POC to POE 501 750 ft

mg/kg = Milligrams per kilogram
N/A = Not Available Not Applicable
MTBE = Methyl tert butyl ether
TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics
Target Organs L=Liver K=Kidney O=Ocular DBW=Decreased Body Weight H=Hematological

Notes (1) Concentrations shall not exceed 10 000 ppm

TABLE 5B

LIST OF LIMITING RS FOR GROUNDWATER
AOC 1
FORMER EXXON RETAIL STORE NO 5 0608
4555 ESSEN LANE
BATON ROUGE EAST BATON ROUGE PARISH LOUISIANA
AGENCY INTEREST NO 13366

Constituents of Concern (refer to Table 4A)	*MO 1 Groundwater RECAP Standards (mg/L)*				*Appendix I MO 2 Groundwater RECAP Standards (mg/L)*				
	GW_{atm}	*Target Organs*	*Additivity Factors*	*Adjusted GW_{atm} after Additivity*	*GW_{3NDW}*	*Dilution Factor*	*Adjusted GW_{3NDW}*	*Solubility*	*Limiting RECAP Standard*
	A		B	C=A/B	D	E	F=D*E	G	MIN(C F G)
Benzene	390	N/A	N/A	390	0 013	476	6 2	1 800	6 2
MTBE	340 000	L K O	3	113 333	550	476	261 800	51 000	51 000
TPH GRO	1 000	L K, DBW H	4	250	31	476	14 756	N/A	250
TPH DRO	N/A	L K DBW H	4	N/A	24	476	11 424	N/A	11 424
2 Methylnaphthalene	5 000	DBW N	4	1 250	0 027	476	12 9	25	12 9
Naphthalene	660	DBW N	4	165	0 22	476	105	31	31

Appendix I Parameters
Source Length < 30 ft
foc 0 138
Category 8
POC to POE 501 750 ft

mg/L = Milligrams per liter
N/A = Not Available Not Applicable
MTBE = Methyl tert-butyl ether
TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics
TPH DRO = Total Petroleum Hydrocarbons-Diesel Range Organics
Target Organs L=Liver K=Kidney O=Ocular DBW=Decreased Body Weight, H=Hematological N=Nasal

TABLE 5C
ENCLOSED STRUCTURE RS FOR SOIL AND GROUNDWATER
AOC-2
FORMER EXXON RETAIL STORE NO 5-0608
4555 ESSEN LANE
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA
AGENCY INTEREST NO 13366

Constituents of Concern (refer to Table 4B)	*MO-1 Soil RECAP Standards (mg/kg)*						
	Soil $_{esni}$	*AOC Concentration*	*Target Organ(s)*	*Additivity Factors*	*Adjusted Soil $_{esni}$ after Additivity*	*Exceeds MO-1 RS?*	*Limiting RECAP Standard*
	A	B		C	D=A/C		D
MTBE	800	0 005	L,K O	4	200	NO	200
Aliphatics >C_6 C_8	360	16 9	K	4	90	NO	90
Aliphatics >C_8 C_{10}	86	6 01	L H	4	22	NO	22

Constituents of Concern (refer to Table 4B)	*MO-1 Groundwater RECAP Standards (mg/L)*					
	GW $_{esni}$	*Compliance Concentration*	*Target Organ(s)*	*Additivity Factors*	*Adjusted GW $_{esni}$ after Additivity*	*Exceeds MO-1 RS?*
	G	H		I	J=G/I	
Ethylbenzene	2,300	0 00794	L, K D	4	575	NO
Xylenes	26	0 00621	CNS, DBW	2	13	NO
MTBE	4,800	0 0071	L, K O	4	1,200	NO

mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
MTBE = Methyl tert butyl ether
Target Organs L=Liver K=Kidney O=Ocular H=Hematological D=Development, CNS=Central Nervous System DBW=Decreased Body Weight

TABLE 6

ADDITIVITY FACTORS
FORMER EXXON RETAIL STORE NO 5-0608
4555 ESSEN LANE
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA
AGENCY INTEREST NO 13366

LIST OF COMPOUNDS & AFFECTED TARGET ORGANS

Compound	*Target Organ/System*
Ethylbenzene	Liver Kidney Development
Xylenes	Center Nervous System Decreased Body Weight
MTBE	Liver Kidney Ocular
TPH GRO	Liver Kidney Decreased Body Weight Hematological System
TPH DRO	Liver Kidney Decreased Body Weight Hematological System
Aliphatics >C_6 C_8	Kidney
Aliphatics >C_8 C_{16}	Liver Hematological System
2 methylnaphthalene	Decreased Body Weight Nasal cavity effects
Naphthalene	Decreased Body Weight Nasal cavity effects

LIST OF TARGET ORGAN/SYSTEM & AFFECTING COMPOUNDS

Target Organ/System	*Compound*
Liver	Ethylbenzene MTBE TPH GRO or Aliphatics >C_8 C_{16} and TPH DRO
Kidney	Ethylbenzene MTBE TPH GRO or Aliphatics >C_6 C_8 and TPH DRO
Central Nervous System	Xylenes
Decreased Body Weight	Xylenes TPH GRO TPH DRO 2 methylnaphthalene and naphthalene
Development	Ethylbenzene
Hematological System	TPH GRO or Aliphatics >C_8 C_{16} and TPH DRO
Nasal Epithelium	2 methylnaphthalene naphthalene
Ocular	MTBE

MTBE = Methyl tert butyl ether

TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics

TPH DRO = Total Petroleum Hydrocarbons Diesel Range Organics

Note Toxicity information taken from LDEQ Table Target Organ(s)/Critical Effect(s) for the

TABLE 7A

COMPARISON OF LIMITING RS WITH SOIL AOI CONCENTRATIONS AND GROUNDWATER COMPLIANCE CONCENTRATIONS
AOC-1
FORMER EXXON RETAIL STORE NO 5-0608
4555 ESSEN LANE
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA
AGENCY INTEREST NO 13366

Constituent of Concern	*Surface Soil Limiting RS (mg/kg)*	*Soil AOI Concentrations (mg/kg) AOC-1 0 - 15 feet bgs*	*Exceeds Limiting RS?*
Benzene	3 10	0 101	No
MTBE	12 000	0 149	No
TPH GRO	1 200	369	No
Constituent of Concern	*Groundwater Limiting RS (mg/L)*	*Compliance Concentrations (mg/L) AOC-1*	*Exceeds Limiting RS?*
Benzene	6 2	0 159	No
MTBE	51 000	0 199	No
TPH GRO	250	19 3	No
TPH DRO	11 424	8 36	No
2 Methylnaphthalene	12 9	0 398	No
Naphthalene	31	0 4	No

mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
MTBE = Methyl tert butyl ether
TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics
TPH DRO = Total Petroleum Hydrocarbons Diesel Range Organics

TABLE 7B

COMPARISON OF LIMITING RS WITH SOIL AOI CONCENTRATIONS AND GROUNDWATER COMPLIANCE CONCENTRATIONS
AOC 2
FORMER EXXON RETAIL STORE NO 5-0608
4555 ESSEN LANE
BATON ROUGE, EAST BATON ROUGE PARISH, LOUISIANA
AGENCY INTEREST NO 13366

Constituent of Concern	*Surface Soil Limiting RS (mg/kg)*	*Soil AOI Concentrations (mg/kg) AOC-2 0 - 15 feet bgs*	*Exceeds Limiting RS?*
MTBE	200	0 005	No
Aliphatics >C_6 C_8	90	16 9	No
Aliphatics >C_8 C_{10}	22	6 01	No
Constituent of Concern	*Groundwater Limiting RS (mg/L)*	*Compliance Concentrations (mg/L) AOC-1*	*Exceeds Limiting RS?*
Ethylbenzene	575	0 00794	No
Xylenes	13	0 00621	No
MTBE	1 200	0 0071	No

mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
MTBE = Methyl tert butyl ether

APPENDIX C

SOIL BORING LOGS AND MONITOR WELL CROSS SECTIONS

BORING LOG

Project Divestment Subsurface Investigation
Former Exxon Retail Store No 5 0608
4555 Essen Lane
Baton Rouge Louisiana
Client Exxon Mobil Corporation
Houston Texas

No MW 1

File No 25881 01
Date 3/30/2005
Drilling Co Walker Hill Environmental
Supervisor Sammy Barnes
Type Rig Foremost Mobile B 59
Logged by CDC/GMD

LABORATORY TEST DATA					FIELD DATA					BORING DATA	
Moisture Content (%)	Atterberg Test: Liquid Limit (%)	Atterberg Test: Plastic Index (%)	% Finer than #200 Sieve	Other	Organic Vapor Meter (1) (ppm)	Penetrometer (Tons/Sq ft) or Std Pen Test (blows/foot)	Sampling	Depth (feet)	Water Level	Screen Interval	Air Knife (9 O D) 0 to 6 Hollow Stem Auger (8 25 O D) 6 to 20 Start Time 0950 Finish Time 1600
					125				▽		Concrete pavement and SAND (FILL)
					66						Gray and brown silty CLAY (CL)
					315			5			– with gravel (former tank hold)
					189						Pea gravel (former tank hold)
					2 878			10			
								15			
					3 073						
					302						Silty CLAY (CL)
								20			Boring terminated at 20 and completed as monitor well MW 1
								25			

Shelby Tube

Split Spoon Sampler

Auger Cuttings

No Recovery

(1) Photoionization Detector Mini Rae

▽ Water First Noted

Stratification is Inferred And May Not be Exact
Soil Classification Based on Visual Manual Procedure

Conestoga Rovers & Associates

No Penetrometer or SPT Value

BORING LOG

Project Divestment Subsurface Investigation
Former Exxon Retail Store No 5-0608
4555 Essen Lane
Baton Rouge Louisiana
Client Exxon Mobil Corporation
Houston Texas

No MW 2

File No 25881 01
Date 03/30 & 31/05
Drilling Co Walker Hill Environmental
Supervisor Sammy Barnes
Type Rig Foremost Mobile B 59
Logged by GMD/SAH

LABORATORY TEST DATA					FIELD DATA					BORING DATA	
Moisture Content (%)	Atterberg Test: Liquid Limit (%)	Atterberg Test: Plastic Index (%)	% Finer than #200 Sieve	Other	Organic Vapor Meter (1) (ppm)	Penetrometer (Tons/Sq ft) or Std Pen Test (blows/foot)	Sampling	Depth (feet)	Water Level	Screen Interval	Air Knife (9 O D) 0 to 8 Hollow Stem Auger (8 25 O D) 8 to 12 Start Time 1015 03/30/05 Finish Time 0900 03/31/05
					157				▽		Concrete pavement and SAND (FILL)
					117						Gray silty CLAY (CL)
					142			5			– gray and brown
					152						– tan
					2			10			
					4						Boring terminated at 12 and completed as monitor well MW 2
								15			

Shelby Tube

Split Spoon Sampler

Auger Cuttings

No Recovery

(1) Photoionization Detector Mini Rae

▽ Water First Noted

Stratification is Inferred And May Not be Exact
Soil Classification Based on Visual Manual Procedure

Conestoga Rovers & Associates

No Penetrometer or SPT Value

BORING LOG

Project Divestment Subsurface Investigation
Former Exxon Retail Store No 5 0608
4555 Essen Lane
Baton Rouge Louisiana
Client Exxon Mobil Corporation
Houston Texas

No MW 3

File No 25881 01
Date 03/30 & 31/05
Drilling Co Walker Hill Environmental
Supervisor Sammy Barnes
Type Rig Foremost Mobile B 59
Logged by GMD/SAH

LABORATORY TEST DATA					FIELD DATA					BORING DATA	
Moisture Content (%)	Atterberg Test: Liquid Limit (%)	Atterberg Test: Plastic Index (%)	% Finer than #200 Sieve	Other	Organic Vapor Meter (1) (ppm)	Penetrometer (Tons/Sq ft) or Std Pen Test (blows/foot)	Sampling	Depth (feet)	Water Level	Screen Interval	Air Knife (9 O D) 0 to 6 Hollow Stem Auger (8 25 O D) 6 to 12 Start Time 1300 03/30/05 Finish Time 0940 03/31/05
					98				▽		Concrete pavement and SAND (FILL)
					<1						Gray silty CLAY (CL)
					<1			5			
					<1						
					<1						-- tan
					<1			10			
											Boring terminated at 12 and completed as monitor well MW 3
								15			

Shelby Tube

Split Spoon Sampler

Auger Cuttings

No Recovery

(1) Photoionization Detector Mini Rae

▽ Water First Noted

Stratification is Inferred And May Not be Exact
Soil Classification Based on Visual Manual Procedure

Conestoga Rovers & Associates

No Penetrometer or SPT Value

BORING LOG

Project: Former Exxon Store No 5-0608
4555 Essen Lane
Baton Rouge Louisiana

No DP 1

Client Exxon Mobil Corporation
Houston Texas

File No 025881-03
Date 7/24/2007
Drilling Co Precision Probe and Drilling
Supervisor Jackie Rames
Type Rig Geoprobe 7720 DT
Logged by GED

LABORATORY TEST DATA					FIELD DATA					BORING DATA	
Moisture Content (%)	Atterberg Test: Liquid Limit (%)	Atterberg Test: Plastic Index (%)	% Finer than #200 Sieve	Other	Organic Vapor Meter (1) (ppm)	Penetrometer (Tons/Sq ft) or Std Pen Test (blows/foot)	Sampling	Depth (feet)	Water Level	Screen Interval	Air Knife/Hand Auger (2 O D) 0 to 5 Direct Push Sampler (2 O D) 5 to 15 Start Time 0730 Finish Time
					7 3						Brown gray silty CLAY (CL) with iron staining
					9 5						
					7 0			5			
					15 3						
					135			10			– light gray brown clayey
					130						
					90 1			15			Boring terminated at 15 bgs and grouted to the surface
								20			

Shelby Tube
Direct Push Sampler
Auger Cuttings
No Recovery

Water First Noted

(1) MiniRAE 2000 PID

Stratification is Inferred And May Not be Exact
Soil Classification Based on Visual Manual Procedure

Conestoga Rovers & Associates

BORING LOG

Project: Former Exxon Store No 5-0608
4555 Essen Lane
Baton Rouge Louisiana

No GT 1

Client: Exxon Mobil Corporation
Houston Texas

File No 025881-03
Date 7/24/2007
Drilling Co Precision Probe and Drilling
Supervisor Jackie Raines
Type Rig Geoprobe 7720 DT
Logged by GED

LABORATORY TEST DATA					FIELD DATA					BORING DATA	
Volumetric Moisture Content	Atterberg Test: Liquid Limit (%)	Atterberg Test: Plastic Index (%)	% Finer than #200 Sieve	Dry Bulk Density (g/cm³)	Organic Vapor Meter (1) (ppm)	Penetrometer (Tons/Sq ft) or Std Pen Test (blows/foot)	Sampling	Depth (feet)	Water Level	Screen Interval	Air Knife/Hand Auger (2 O D) 0 to 5 Direct Push Sampler (2" O D) 5 to 15 Start Time 1000 Finish Time 1020
								5			
0 399	32	11		1 57				10			Brown silty CLAY (CL) Boring terminated at 10' bgs and grouted to the surface
								15			

Shelby Tube
Direct Push Sampler
Auger Cuttings
No Recovery

Water First Noted

(1) MiniRAE 2000 PID

Stratification is Inferred And May Not be Exact
Soil Classification Based on Visual-Manual Procedure

Conestoga Rovers & Associates

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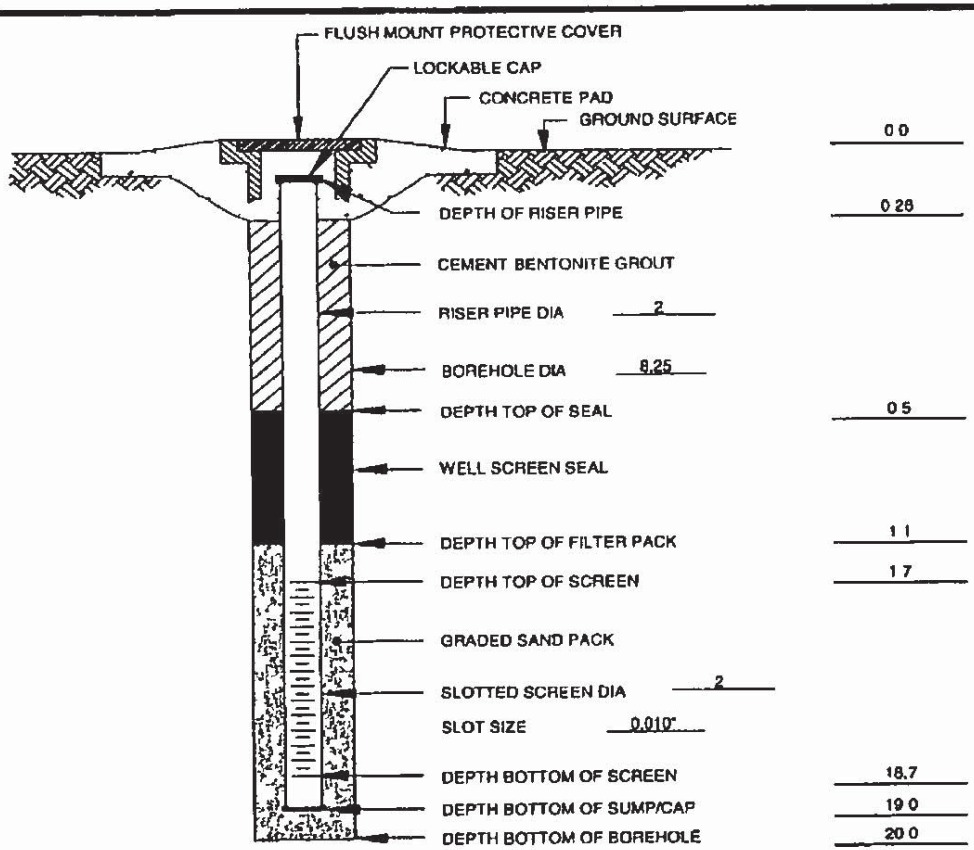
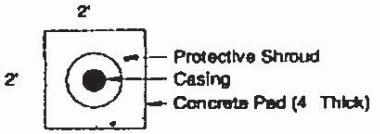


ELEV TOP OF RISER	99 80
ELEV GROUND SURFACE	100 06
SCREENED INTERVAL	98 36 to 81 36
DATE INSTALLED	03/30/05

Construction Notes

Well Casing	2" DIA SCH 40 PVC
Shroud	FLUSH MOUNT
Filter Pack	10-50 LB BAGS OF 20/40 SILICA SAND
Bentonite Seal	0 5 50 LB BAG OF BENTONITE CHIPS
Time/Date Placed	1600 03/30/05
Grout	N/A
Unit Weight	N/A
Time/Date Placed	N/A



PLAN VIEW

SECTION VIEW

NOTE All section dimensions are in feet (unless otherwise noted)

CONESTOGA-ROVERS & ASSOCIATES

04/08/05 DAT	1 REV NO	25681-01 PJ NO	Exxon Mobil Corporation Houston Texas CLIENT	Former Exxon Retail Store No 5 0608 4555 Essen Lane Baton Rouge Louisiana PROJECT LOCATION	Monitor Well Cross Section MW 1 25681-01 (2)	1
SPD DRAWN BY	SPD CHECKED BY	TBP APPROVED BY				

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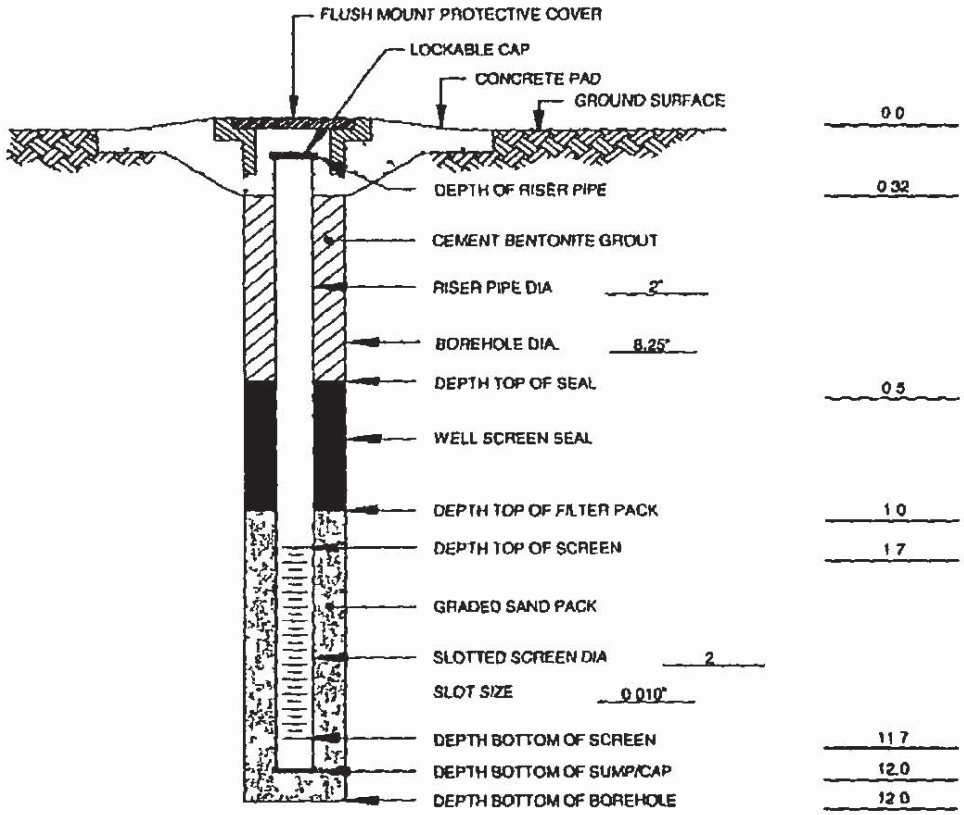
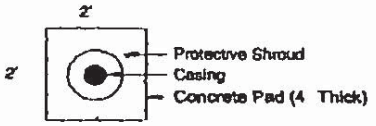


ELEV TOP OF RISER	99 80
ELEV GROUND SURFACE	100 12
SCREENED INTERVAL	98 42 to 88 42
DATE INSTALLED	03/31/05

Construction Notes.

Well Casing	2 DIA. SCH 40 PVC
Shroud	FLUSH MOUNT
Filter Pack	8 50 LB BAGS OF 20/40 SILICA SAND
Bentonite Seal	0 5 50 LB BAG OF BENTONITE CHIPS
Time/Date Placed	0900- 03/31/05
Grout	N/A
Unit Weight	N/A
Time/Date Placed	N/A



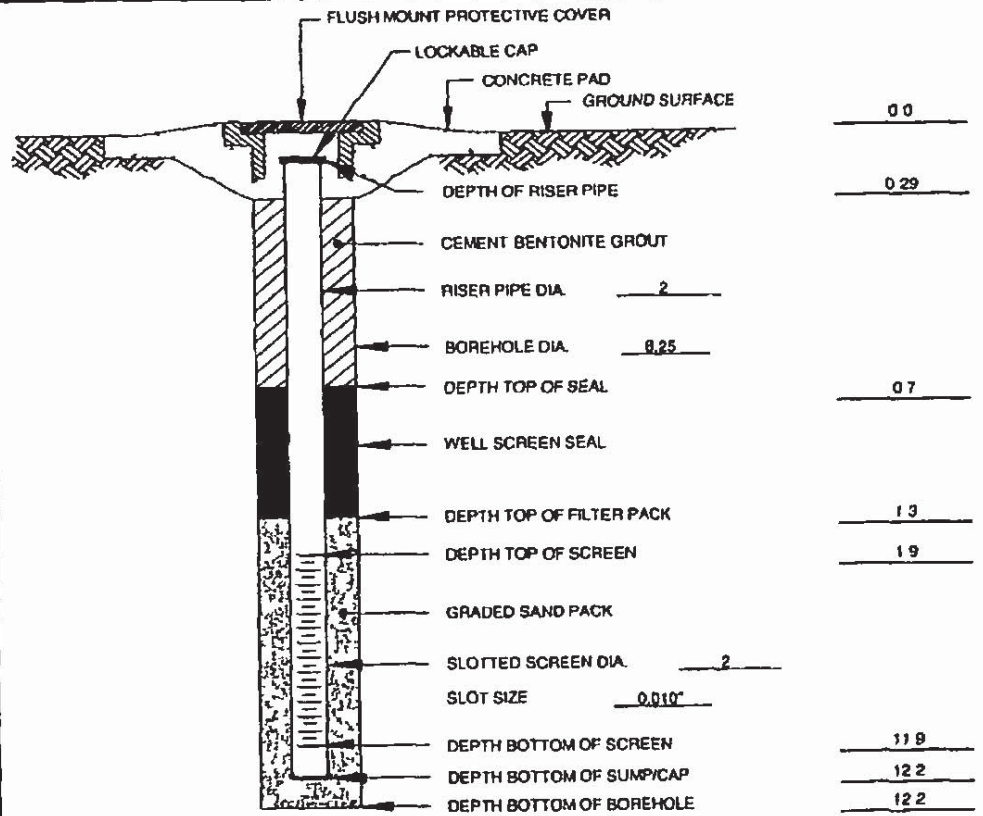
PLAN VIEW

SECTION VIEW

NOTE All section dimensions are in feet (unless otherwise noted)

CONESTOGA-ROVERS & ASSOCI

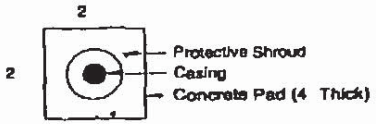
DRAWN	1	25881-01	Exxon Mobil Corporation Houston Texas CLIENT	Former Exxon Retail Store No 5 0608 4555 Essen Lane Baton Rouge Louisiana PROJECT LOCATION	Monitor Well Cross-Section MW 2 25881-01 (2)
DATE	REV NO	FILE NO			
SPD	SPD	PM			
CHECKED BY	CHECKED BY	APPROVED BY			



ELEV TOP OF RISER	100 18
ELEV GROUND SURFACE	99 89
SCREENED INTERVAL	98 57 to 88 57
DATE INSTALLED	03/31/05

Construction Notes.

Well Casing	2 DIA SCH 40 PVC
Shroud	FLUSH MOUNT
Filter Pack	8-50 LB BAGS OF 20/40 SILICA SAND
Bentonite Seal	0 5 50 LB BAG OF BENTONITE CHIPS
Time/Date Placed	0940 03/31/05
Grout	N/A
Unit Weight	N/A
Time/Date Placed	N/A



PLAN VIEW

SECTION VIEW

NOTE All section dimensions are in feet (unless otherwise noted)

CONESTOGA-ROVERS & ASSOCIATES

SPD	1	25881-01	Exxon Mobil Corporation Houston Texas	Former Exxon Retail Store No 5-0608 4555 Essen Lane Baton Rouge Louisiana	Monitor Well Cross-Section MW-3 25881-01 (2)	1

APPENDIX D

ANALYTICAL LABORATORY REPORTS, GEOTECHNICAL LABORATORY REPORT, AND CHAIN OF CUSTODY RECORDS

TestAmerica
ANALYTICAL TESTING CORPORATION

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

ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D C /SETH H

Purchase Order '2005 PO

Lab Number 05-A46058
Sample ID WF-1
Sample Type Water
Site ID 5-0608

Date Collected 3/30/05
Time Collected 12 44
Date Received 4/ 1/05
Time Received 8 20
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Benzene	ND	mg/l	0 0010	1 0	4/ 2/05	11 05	S	Edwards 8260B	9285
Toluene	ND	mg/l	0 00 0	1 0	4/ 2/05	11 05	S	Edwards 8260B	9285
Ethylbenzene	ND	mg/l	0 00 0	1 0	4/ 2/05	11 05	S	Edwards 8260B	9285
Xylenes (To a)	ND	mg/l	0 00 0	1 0	4/ 2/05	11 05	S	Edwards 8260B	9285
Methyl t butyl e her	ND	mg/l	0 00 0	1 0	4/ 2/05	11 05	S	Edwards 8260B	9285

Surrogate	% Recovery	Target Range	
VOA Surr 1 2 DCA d4	87	73	127
VOA Surr Toluene d8	82	79	113
VOA Surr 4 BFB	101	79	125
VOA Surr DBFM	93	75	134

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
** = NELAC E87358 Certified Analyte

End of Sample Report

TestAmerica
ANALYTICAL TESTING CORPORATION
2060 Foster Creighton Drive Nashville Tennessee 37204
800 765 0980 615 726 3404 Fax

ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D C /SETH H

Purchase Order '2005 PO

Lab Number 05-A46059
Sample ID WE-1
Sample Type Water
Site ID 5-0608

Date Collected 3/30/05
Time Collected 12 40
Date Received 4/ 1/05
Time Received 8 20
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/l	0 100	1 0	4/ 8/05	11:00	J	Redmond 8015B	3284
TPH (Diesel Range)	ND	mg/l	0 100	1 0	4/ 4/05	19 44	B	Yanna 8015B/3510	896
VOLATILE ORGANICS									
Benzene	ND	mg/l	0 0010	1 0	4/ 2/05	11 30	S	Edwards 8260B	9285
Toluene	ND	mg/l	0 0010	1 0	4/ 2/05	11 30	S	Edwards 8260B	9285
Ethylbenzene	ND	mg/l	0 0010	1 0	4/ 2/05	11 30	S	Edwards 8260B	9285
Xylenes (Total)	ND	mg/l	0 0010	1 0	4/ 2/05	11 30	S	Edwards 8260B	9285
Methyl t butyl ether	ND	mg/l	0 0010	1 0	4/ 2/05	11 30	S	Edwards 8260B	9285

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1 00 ml	4/ 2/05		J Davis	3510
PAH s	1000 ml	1 00 ml	4/ 2/05		J Davis	3510/610

Surrogate	% Recovery	Target Range

Samp e report con inued

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ANALYTICAL REPORT

Laboratory Number 05-A46059
Sample ID WE-1
Project 25881-02

Surrogate	% Recovery	Target Range	
TPH Hi Surr o Terphenyl	101	55	133
BTEX/GRO Surr a a a TFT	89	63	134
VOA Surr 1 2 DCA d4	88	73	127
VOA Surr Toluene d8	82	79	113
VOA Surr 4 BFB	103	79	125
VOA Surr DBFM	94	75	134

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
** = NELAC E87358 Certified Analyte

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Lab Number 05-A46060
Sample ID WT-1
Sample Type Water
Site ID 5-0608

Date Collected
Time Collected
Date Received 4/ 1/05
Time Received 8 20
Page 1

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D C /SETH H

Purchase Order '2005 PO

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Benzene	ND	mg/l	0 0010	1 0	4/ 2/05	8 12	S Edwards	8260B	9285
Toluene	ND	mg/l	0 0010	1 0	4/ 2/05	8 12	S Edwards	8260B	9285
Ethylbenzene	ND	mg/l	0 0010	1 0	4/ 2/05	8 12	S Edwards	8260B	9285
Xylenes (Tota)	ND	mg/l	0 0010	1 0	4/ 2/05	8 12	S Edwards	8260B	9285
Methyl t bu yl ether	ND	mg/l	0 0010	1 0	4/ 2/05	8 12	S Edwards	8260B	9285

Surrogate	% Recovery	Target Range	
VOA Su r 1 2 DCA d4	86	73	27
VOA Su r Tolu ne d8	82	79	113
VOA Su r 4 BFB	101	79	125
VOA Su r DBFM	93	75	134

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
** = NELAC E87358 Certified Analyte

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE LA 70816

Lab Number 05-A46061
Sample ID WT-2
Sample Type Soil
Site ID 5-0608

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D C /SETH H

Date Collected
Time Collected
Date Received 4/ 1/05
Time Received 8 20
Page 1

Purchase Order '2005 PO

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Benzene	ND	mg/kg	0 100	50 0	4/ 7/05	17 32	J Adams	8260B	4358
Ethylbenzene	ND	mg/kg	0 100	50 0	4/ 7/05	17 32	J Adams	8260B	4358
Toluene	ND	mg/kg	0 100	50 0	4/ 7/05	17 32	J Adams	8260B	4358
Xylenes (Total)	ND	mg/kg	0 100	50 0	4/ 7/05	17 32	J Adams	8260B	4358
Methy t butyl e her	ND	mg/kg	0 100	50 0	4/ 7/05	17 32	J Adams	8260B	4358

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5 00 g	5 0 ml	4/ 8/05		N Noman	5035

Surrogate	% Recovery	Target Range
VOA Surr 1 2 DCAd4	84	72 134
VOA Surr Toluene d8	93	76 1 2
VOA Surr 4 BFB	85	60 138
VOA Surr DBFM	87	75 137

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A46061
Sample ID WT-2
Project 25881-02
Page 2

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D C /SETH H

Purchase Order '2005 PO

Lab Number 05-A46062
Sample ID MW-1(0'-2')
Sample Type Soil
Site ID 5-0608

Date Collected 3/30/05
Time Collected 9 57
Date Received 4/ 1/05
Time Received 8 20
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78 1	%		1 0	4/ 5/05		J Davis	CLP	8233
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	9 92	50 0	4/ 5/05	17 19	J Redmond	8015B	3313
TPH (Diesel Range)	ND	mg/kg	9 84	1 0	4/ 4/05	22 27	B Yanna	8015B	53
VOLATILE ORGANICS									
Benzene	ND	mg/kg	0 0019	1 0	4/ 7/05	15 14	J Adams	8260B	4358
Ethylbenzene	ND	mg/kg	0 0019	1 0	4/ 7/05	15 14	J Adams	8260B	4358
Toluene	0 0025	mg/kg	0 00 9	1 0	4/ 7/05	15 14	J Adams	8260B	4358
Xylenes (Tota)	ND	mg/kg	0 0019	1 0	4/ 7/05	15 14	J Adams	8260B	4358
Methyl t butyl ether	0 0153	mg/kg	0 0019	1 0	4/ 7/05	15 14	J Adams	8260B	4358

Sample Extraction Data

Parameter	Wt/Vol Ext acted	Extract Vol	Date	Time	Analyst	Me hod
EPH/DRO	25 4 gm	1 0 ml	4/ 2/05		J Davis	3550
Volatile Organics	5 19 g	5 0 ml	3/30/05	9 57	N Noman	5035
BTX Prep	5 04 g	10 0 ml	3/30/05	9 57	J Redmond	5035

Sample report cont nued

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ANALYTICAL REPORT

Laboratory Number 05-A46062
Sample ID MW-1(0'-2')
Project 25881-02

Surrogate	% Recovery	Target Range	
UST Surr Trifluoro oluene	90	63	127
TPH Hi Surr o Terphenyl	78	35	135
VOA Surr 1 2 DCAd4	87	72	134
VOA Surr Toluene d8	86	76	122
VOA Surr 4 BFB	91	60	138
VOA Surr DBFM	92	75	137

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D C /SETH H

Purchase Order '2005 PO

Lab Number 05-A46063
Sample ID MW-1(18'-20')
Sample Type Soil
Site ID 5-0608

Date Collected 3/30/05
Time Collected 15 20
Date Received 4/ 1/05
Time Received 8 20
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78 4	%		1 0	4/ 5/05		J Davis	CLP	8213
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	10 5	50 0	4/ 5/05	17 52	J Redmond	8015B	3313
TPH (Diesel Range)	ND	mg/kg	10 2	1 0	4/ 4/05	22 47	B Yanna	8015B	51
VOLATILE ORGANICS									
Benzene	0 0068	mg/kg	0 0021	1 0	4/ 7/05	15 33	J Adams	8260B	4358
Ethylbenzene	0 0416	mg/kg	0 0021	1 0	4/ 7/05	15 33	J Adams	8260B	4358
Toluene	0 0070	mg/kg	0 0021	0	4/ 7/05	15 33	J Adams	8260B	4358
Xylenes (Total)	0 245	mg/kg	0 0021	1 0	4/ 7/05	15 33	J Adams	8260B	4358
Methyl t butyl ether	0 149	mg/kg	0 0021	1 0	4/ 7/05	15 33	J Adams	8260B	4358

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	24 5 gm	1 0 ml	4/ 2/05		J Davis	3550
Volatile Organics	4 87 g	5 0 ml	3/30/05	15 20	N Noman	5035
BTX Prep	4 77 g	10 0 ml	3/30/05	15 20	J Redmond	5035

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A46063
Sample ID MW-1(18'-20')
Project 25881-02

Surrogate	% Recovery	Target Range	
UST surr Trifluorotoluene	89	63	127
TPH Hi Surr o Terphenyl	89	35	135
VOA Surr 1 2 DCAd4	84	72	134
VOA Surr Toluene d8	76	76	122
VOA Surr 4 BFB	91	60	138
VOA Surr DBFM	92	75	137

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Lab Number 05-A46064
Sample ID MW-2(0'-2')
Sample Type Soil
Site ID 5-0608

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D C /SETH H

Date Collected 3/30/05
Time Collected 10 17
Date Received 4/ 1/05
Time Received 8 20
Page 1

Purchase Order '2005 PO

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	76 2	%		1 0	4/ 5/05		J Davis	CLP	8233
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	10 8	50 0	4/ 5/05	18 25	J Redmond	8015B	3313
TPH (Diesel Range)	ND	mg/kg	9 88	1 0	4/ 4/05	23 08	B Yanna	8015B	53
VOLATILE ORGANICS									
Benzene	ND	mg/kg	0 0021	1 0	4/ 8/05	20 58	J Bundy	8260B	5772
E hylbenzene	ND	mg/kg	0 0021	1 0	4/ 8/05	20 58	J Bundy	8260B	5772
Toluene	0 0037	mg/kg	0 0021	1 0	4/ 8/05	20 58	J Bundy	8260B	5772
Xylenes (Total)	ND	mg/kg	0 0021	1 0	4/ 8/05	20 58	J Bundy	8260B	5772
Methyl t butyl ether	ND	mg/kg	0 0021	1 0	4/ 8/05	20 58	J Bundy	8260B	5772

Sample Ex raction Data

Parame er	Wt/Vol Extracted	Extract Vo	Date	Time	Analyst	Method
EPH/DRO	25 3 gm	1 0 ml	4/ 2/05		J Davis	3550
Volatile Organics	4 70 g	5 0 m	3/30/05	10 17	N Noman	5035
BTX Prep	4 62 g	10 0 m	3/30/05	10 17	J Redmond	5035

Sample report con inued

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ANALYTICAL REPORT

Laboratory Number 05-A46064
Sample ID MW-2(0'-2')
Project 25881-02

Surrogate	% Recovery	Target Range	
UST surr Trifluorotoluene	87	63	127
TPH Hi Surr o Terphenyl	98	35	135
VOA Surr 1 2 DCAd4	88	72	125
VOA Surr Toluene d8	95	80	124
VOA Surr 4 BFB	93	25	185
VOA Surr DBFM	92	73	124

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D C /SETH H

Purchase Order '2005 PO

Lab Number 05-A46065
Sample ID MW-2(10'-12')
Sample Type Soil
Site ID 5-0608

Date Collected 3/31/05
Time Collected 8 50
Date Received 4/ 1/05
Time Received 8 20
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	77 1	%		1 0	4/ 5/05		J Davis	CLP	8233
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	9 90	50 0	4/ 5/05	18 58	J Redmond	8015B	3313
TPH (Diesel Range)	ND	mg/kg	10 0	1 0	4/ 4/05	23 28	B Yanna	8015B	53
VOLATILE ORGANICS									
Benzene	ND	mg/kg	0 0020	1 0	4/ 7/05	16 13	J Adams	8260B	4358
Ethylbenzene	ND	mg/kg	0 0020	1 0	4/ 7/05	16 13	J Adams	8260B	43 8
Toluene	ND	mg/kg	0 0020	1 0	4/ 7/05	16 13	J Adams	8260B	4358
Xylenes (Total)	ND	mg/kg	0 0020	1 0	4/ 7/05	16 13	J Adams	8260B	4358
Methyl t butyl ethe	0 0038	mg/kg	0 0020	1 0	4/ 7/05	16 13	J Adams	8260B	4358

Sample Extraction Data

Parame er	Wt/Vol Extracted	Extract Vol	Date	Time	Analys	Method
EPH/DRO	24 9 gm	1 0 ml	4/ 2/05		J Davis	3550
Volatile Organics	4 98 g	5 0 ml	3/30/05	8 50	N Noman	5035
BTX Prep	5 05 g	10 0 ml	/31/05	8 50	J Redmond	5035

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A46065
Sample ID MW-2(10'-12')
Project 25881-02

Surroga e	% Recovery	Target Range	
UST surr Trifluorotolvene	87	63	127
TPH Hi Surr o Terphenyl	97	35	135
VOA Surr 1 2 DCAd4	82	72	134
VOA Surr Toluene d8	85	76	122
VOA Surr 4 BFB	88	60	138
VOA Surr DBFM	91	75	137

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D C /SETH H

Purchase Order '2005 PO

Lab Number 05-A46066
Sample ID MW-3(0'-2')
Sample Type Soil
Site ID 5-0608

Date Collected 3/30/05
Time Collected 13 00
Date Received 4/ 1/05
Time Received 8 20
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	80 1	%		1 0	4/ 5/05		J Davis	CLP	8233
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	10 3	50 0	4/ 5/05	19 30	J Redmond	8015B	3313
TPH (Diesel Range)	ND	mg/kg	10 0	1 0	4/ 4/05	23 48	B Yanna	8015B	53
VOLATILE ORGANICS									
Benzene	ND	mg/kg	0 0020	1 0	4/ 7/05	16 33	J Adams	8260B	4358
Ethylbenzene	ND	mg/kg	0 0020	1 0	4/ 7/05	16 33	J Adams	8260B	4358
Toluene	0 0033	mg/kg	0 0020	1 0	4/ 7/05	16 33	J Adams	8260B	4358
Xylenes (Tota)	ND	mg/kg	0 0020	1 0	4/ 7/05	16 33	J Adams	8260B	4358
Methyl t butyl ether	ND	mg/kg	0 0020	1 0	4/ 7/05	6 33	J Adams	8260B	4358

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Da e	Time	Analyst	Method
EPH/DRO	25 0 gm	1 0 ml	4/ 2/05		J Davis	3550
Volatile Organics	5 00 g	5 0 ml	3/30/05	13 00	N Noman	5035
BTX Prep	4 84 g	10 0 ml	3/30/05	13 00	J Redmond	5035

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A46066
Sample ID MW-3(0'-2')
Project 25881-02

Surrogate	% Recovery	Target Range	
UST surr Trifluorotoluene	85	63	127
TPH Hi Surr o Terphenyl	84	35	135
VOA Surr 1 2 DCAd4	82	72	134
VOA Surr Toluene d8	96	76	122
VOA Surr 4 BFB	94	60	138
VOA Surr DBFM	92	75	137

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE LA 70816

Lab Number 05-A46067
Sample ID MW-3(4'-6')
Sample Type Soil
Site ID 5-0608

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D C /SETH H

Date Collected 3/30/05
Time Collected 13 25
Date Received 4/ 1/05
Time Received 8 20
Page 1

Purchase Order '2005 PO

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	77 8	%		1 0	4/ 5/05		J Davis	CLP	8233
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	9 96	50 0	4/ 6/05	20 03	J Redmond	8015B	3313
TPH (Diesel Range)	ND	mg/kg	10 1	1 0	4/ 5/05	0 08	B Yanna	8015B	53
VOLATILE ORGANICS									
Benzene	ND	mg/kg	0 0021	1 0	4/ 7/05	16 52	J Adams	8260B	4358
Ethylbenzene	ND	mg/kg	0 0021	1 0	4/ 7/05	16 52	J Adams	8260B	4358
Toluene	0 0029	mg/kg	0 0021	1 0	4/ 7/05	16 52	J Adams	8260B	4358
Xylenes (Total)	ND	mg/kg	0 0021	1 0	4/ 7/05	16 52	J Adams	8260B	4358
Methyl t butyl ether	ND	mg/kg	0 0021	0	4/ 7/05	16 52	J Adams	8260B	4358

Sample Extrac ion Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	24 8 gm	1 0 ml	4/ 2/05		J Davis	3550
Volatile O ganics	4 87 g	5 0 ml	3/30/05	13 25	N Noman	5035
HTX Prep	5 02 g	10 0 ml	3/30/05	13 25	J Redmond	5035

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A46067
Sample ID MW-3(4 -6')
Project 25881-02

Surrogate	% Recovery	Target Range	
UST surr Trifluorotoluene	86	63	127
TPH H Surr o Terphenyl	88	35	135
VOA Surr 1 2 DCAd4	82	72	134
VOA Surr Toluene d8	94	76	122
VOA Surr 4 BFB	91	60	138
VOA Surr DBFM	88	75	137

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D C /SETH H

Purchase Order '2005 PO

Lab Number 05-A46068
Sample ID MW-3(10'-12')
Sample Type Soil
Site ID 5-0608

Date Collected 3/31/05
Time Collected 9 30
Date Received 4/ 1/05
Time Received 8 20
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time		Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS										
% Dry Weight	80 1	%		1 0	4/ 5/05		J	Davis	CLP	8233
ORGANIC PARAMETERS										
TPH (Gasoline Range)	ND	mg/kg	9 33	50 0	4/ 5/05	20 36	J	Redmond	8015B	3313
TPH (Diesel Range)	ND	mg/kg	10 1	1 0	4/ 5/05	0 28	B	Yanna	8015B	53
VOLATILE ORGANICS										
Benzene	ND	mg/kg	0 0018	1 0	4/ 7/05	17 2	J	Adams	8260B	4358
Ethylbenzene	ND	mg/kg	0 0018	1 0	4/ 7/05	17 12	J	Adams	8260B	4358
Toluene	0 00 9	mg/kg	0 0018	1 0	4/ 7/05	17 12	J	Adams	8260B	4358
Xylenes (Total)	ND	mg/kg	0 0018	1 0	4/ 7/05	17 12	J	Adams	8260B	4358
Methyl t butyl ether	ND	mg/kg	0 0018	1 0	4/ 7/05	17 12	J	Adams	8260B	4358

Sample Extraction Data

Parameter	w /Vol Extracted	Extract Vol	Date	Time		Analyst	Method
EPH/DRO	24 7 gm	1 0 ml	4/ 2/05			Davis	3550
Volatile Organics	5 49 g	5 0 ml	3/31/05	9 30	N	Noman	5035
BTX Prep	5 36 g	10 0 ml	3/31/05	9 30		Redmond	5035

Sample repor continued

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

Laboratory Number 05-A46068
Sample ID MW-3(10'-12')
Project 25881-02

Surrogate	% Recovery	Target Range	
UST surr Trifluorotoluene	86	63	127
TPH H1 Surr o Terphenyl	78	35	135
VOA Surr 1 2 DCAd4	83	72	134
VOA Surr Toluene d8	81	76	122
VOA Surr 4 BFB	93	60	138
VOA Surr DBFM	91	75	137

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 1
Laboratory Receipt Date 4/ 1/05

Matrix Spike Recovery

Note If Blank is referenced as the sample spiked insu icient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix Labo-atory reagent water was used for QC purposes

Analyte	units	Orig Val	MS Val	Spike Conc	Recovery	Target Range		Q C Batch	Spike Sample
US" ANALYSIS									
TPH (Gasoline Range)	mg/kg	0 0	1 07	1 00	107	52	150	3313	blank
"PH (Diesel Range)	mg/kg	16 5	58 6	40 0	105	28	143	53	05 A46152
TPH (Diesel Range)	mg/l	0 100	1 04	1 00	104	35	124	896	blank
VOA PARAMETERS									
Benzene	mg/l	0 0019	0 0541	0 0500	104	62	146	9285	45701
Benzene	mg/kg	0 0012	0 0508	0 0500	99	53	136	4358	45599
Benzene	mg/kg	0 0047	0 0491	0 0500	89	53	36	5772	46903
Toluene	mg/l	0 0077	0 0499	0 0500	84	68	141	9285	45701
Toluene	mg/kg	0 0020	0 0476	0 0500	95	43	139	4358	45599
Toluene	mg/kg	0 0028	0 0565	0 0500	107	43	139	5772	46903
VOA Surr 1 2 DCAd4	% Rec				84	72	134	4358	
VOA Surr 2 DCAd4	% Rec				72	72	134	5772	
VOA Surr Toluene d8	% Rec				94	76	122	4358	
VOA Surr Toluene d8	% Rec				107	76	122	5772	
VOA Surr 4 BFB	% Rec				95	60	138	4358	
VOA Surr 4 BFB	% Rec				105	60	138	5772	
VOA Surr DBFM	% Rec				89	75	137	4358	
VOA Surr DBFM	% Rec				70	75	137	5772	

Matrix Spike Duplicate

Ana yte	units	Orig Val	Duplica e	RPD	Limit	Q C Batch

Project QC con inued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 2
Laboratory Receipt Date 4/ 1/05

Matrix Spike Duplicate

Analyte	units	Orig Val	Duplicate	RPD	Limit	Q C Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/kg	1 07	1 10	2 76	39	3313
TPH (Diesel Range)	mg/kg	58 6	48 8	18 25	51	53
TPH (Diesel Range)	mg/l	1 04	1 07	2 84	36	896
VOA PARAMETERS						
Benzene	mg/l	0 0541	0 0561	3 63	25	9285
Benzene	mg/kg	0 0508	0 0510	0 39	34	4358
Benzene	mg/kg	0 0491	0 0485	1 23	34	5772
Toluene	mg/l	0 0499	0 0517	3 54	29	9285
Toluene	mg/kg	0 0476	0 0466	2 12	39	4358
Toluene	mg/kg	0 0565	0 0468	18 78	39	5772
VOA Surr 1 2 DCA d4	% Rec		84			9285
VOA Surr 1 2 DCAd4	% Rec		85			4358
VOA Surr 1 2 DCAd4	% Rec		84			5772
VOA Surr Toluene d8	% Rec		82			9285
VOA Surr Toluene d8	% Rec		94			4358
VOA Surr Toluene d8	% Rec		99			5772
VOA Surr 4 BFB	% Rec		97			9285
VOA Surr BFB	% Rec		90			4358
VOA Surr 4 BFB	% Rec		94			5772
VOA Surr DBFM	% Rec		94			9285
VOA Surr DBFM	% Rec		90			4358
VOA Surr DBFM	% Rec		90			5772

Laboratory Con ro¹ Data

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

Project QC continued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 3
Laboratory Receipt Date 4/ 1/05

Laboratory Control Data

Analyte	units	Known Val	Analyzed Val	% Recovery	Target Range		Q C Batch
UST PARAMETERS							
TPH (Gasoline Range)	mg/kg	1 00	1 07	107	74	127	3313
TPH (Diesel Range)	mg/kg	40 0	37 0	92	54	126	53
TPH (Gasoline Range)	mg/l	1 00	1 06	106	64	30	3284
BTEX/GRO Surr a a a TFT	% Recovery			82	69	132	3284
UST PARAMETERS							
TPH (Diesel Range)	mg/l	1 00	0 890	89	41	120	896
VOA PARAMETERS							
Benzene	mg/l	0 0500	0 0523	105	76	127	9285
Benzene	mg/kg	0 0500	0 0485	97	76	124	4358
Benzene	mg/kg	0 0500	0 0516	103	76	124	5772
Ethylbenzene	mg/l	0 0500	0 0464	93	80	24	9285
Ethylbenzene	mg/kg	0 0500	0 0512	102	70	28	4358
Ethylbenzene	mg/kg	0 0500	0 0527	105	70	128	5772
Toluene	mg/l	0 0500	0 0428	86	79	124	9285
Toluene	mg/kg	0 0500	0 0506	101	72	125	4358
Toluene	mg/kg	0 0500	0 0515	103	72	125	5772
Xylenes (Tota')	mg/l	0 50	0 139	93	80	125	9285
Xylenes (Total)	mg/kg	0 150	0 157	105	71	129	4358
Xylenes (Total)	mg/kg	0 150	0 158	105	71	129	5772
Methyl t butyl ether	mg/l	0 0500	0 0514	103	66	136	9285
Methyl t butyl ether	mg/kg	0 0500	0 0405	81	67	138	4358
Mathy t butyl ether	mg/kg	0 0500	0 0473	95	67	138	5772
VOA Surr 1 2 DCA d4	% Rec			83	73	127	9285
VOA Surr 1 2 DCAd4	% Rec			81	72	134	4358
VOA Surr 1 2 DCAd4	% Rec			84	72	134	5772
VOA Sur Toluene d8	% Rec			82	79	113	9285
VOA Sur Toluene d8	% Rec			95	76	122	4358
VOA Surr Toluene d8	% Rec			94	76	122	5772
VOA Sur 4 BFB	% Rec			95	79	125	9285
VOA Sur 4 BFB	% Rec			90	60	138	4358

Project QC continued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 4
Laboratory Receipt Date 4/ 1/05

Laboratory Control Data

Analyte	units	Known Val	Analyzed Val	% Recovery	Targe	Range	Q C Batch
VOA Surr 4 BFB	% Rec			87	60	138	5772
VOA Surr DBFM	% Rec			95	75	134	9285
VOA Surr DBFM	% Rec			85	75	137	4358
VOA Surr DBFM	% Rec			90	75	137	5772

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)	0 10	mg/kg	3313	4/ 5/05	14 03
TPH (Diesel Range)	0 10	mg/kg	53	4/ 4/05	21 06
TPH (Gasoline Range)	0 0550	mg/l	3284	4/ 8/05	10 27
TPH (Diesel Range)	0 100	mg/l	896	4/ 4/05	16 17
UST surr Trifluorotoluene	86	% Recovery	3313	4/ 5/05	14 03
BTEX/GRO Surr a a a TFT	89	% Recovery	3284	4/ 8/05	10 27

Project QC continued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 5
Laboratory Receipt Date 4/ 1/05

VOA PARAMETERS					
Benzene	0 0003	mg/l	9285	4/ 2/05	5 09
Benzene	0 0008	mg/kg	4358	4/ 7/05	10 48
Benzene	0 0008	mg/kg	5772	4/ 8/05	20 00
Ethy benzene	0 0002	mg/l	9285	4/ 2/05	5 09
Ethy benzene	0 0005	mg/kg	4358	4/ 7/05	10 48
Ethylbenzene	0 0005	mg/kg	5772	4/ 8/05	20 00
Toluene	0 0002	mg/l	9285	4/ 2/05	5 09
Toluene	0 0005	mg/kg	4358	4/ 7/05	10 48
Toluene	0 0009	mg/kg	5772	4/ 8/05	20 00
Xylenes (Total)	0 0006	mg/l	9285	4/ 2/05	5 09
Xylenes (Total)	0 0013	mg/kg	4358	4/ 7/05	10 48
Xylenes (Tota)	0 0015	mg/kg	5772	4/ 8/05	20 00
Methyl t bu yl ether	0 0002	mg/l	9285	4/ 2/05	5 09
Methyl t butyl ether	0 0009	mg/kg	4358	4/ 7/05	10:48
Methyl t butyl ether	0 0009	mg/kg	5772	4/ 8/05	20 00
VOA Surr 1 2 DCA d4	84	% Rec	9285	4/ 2/05	5 09
VOA Surr 1 2 DCAd4	87	% Rec	4358	4/ 7/05	10 48
VOA Surr 1 2 DCAd4	87	% Rec	5772	4/ 8/05	20 00
VOA Surr To uene d8	81	% Rec	9285	4/ 2/05	5 09
VOA Surr Toluene d8	93	% Rec	4358	4/ 7/05	10 48
VOA Surr Toluene d8	93	% Rec	5772	4/ 8/05	20 00
VOA Surr 4 BFB	100	% Rec	9285	4/ 2/05	5 09
VOA Surr 4 BFB	90	% Rec	4358	4/ 7/05	10 48
VOA Surr 4 BFB	88	% Rec	5772	4/ 8/05	20 00
VOA Surr DBFM	94	% Rec	9285	4/ 2/05	5 09
VOA Surr DBFM	90	% Rec	4358	4/ 7/05	10 48
VOA Surr DBFM	96	% Rec	5772	4/ 8/05	20 00

= Value outside Laboratory historical or method prescribed QC limits

End of Report or Project 4 1352

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SUMMARY REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Site ID 5-0608
Project 25881-02
RAS # 5-0608
Date Sampled

Analyte	WF 1 05 A46058	WE 1 05 A46059	WT 1 05 A46060	
TPH (Gasoline Range)		0 100		mg/l
TPH (Diesel Range)		0 100		mg/l
Benzene	0 0010	0 0010	< 0 0010	mg/l
Ethylbenzene	0 0010	0 0010	< 0 0010	mg/l
Toluene	0 0010	0 0010	0 0007	mg/l
Xylenes (Total)	0 0010	0 0010	0 0010	mg/l
Methyl t butyl ether	0 0010	0 0010	0 0010	mg/l

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SUMMARY REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Site ID 5-0608
Project 25881-02
RAS # 5-0608
Date Sampled 3/30/05

Analyte	WT 2 05 A46061	MW 1(0 2) 05 A46062	MW 1(18 20) 05 A46063	MW 2(0 2) 05 A46064	MW 2(10 12) 05 A46065	MW 3(0 2) 05 A46066	
TPH (Gasoline Range)		< 9 92	10 5	< 10 8	9 90	< 10 3	mg/k
TPH (Diesel Range)		3 23	3 31	2 53	3 73	2 48	mg/k
% Dry Weight		78 1	78 4	76 2	77 1	80 1	mg/k
Benzene	0 100	0 00 9	0 0068	0 0021	0 0020	0 0020	mg/k
Ethylbenzene	0 100	0 00 9	0 0416	0 0021	0 0020	0 0020	mg/k
Toluene	0 100	0 0025	0 0070	0 0037	0 0015	0 0033	mg/k
Xylenes (Total)	0 100	0 0019	0 245	0 0021	0 0020	0 0020	mg/k
Me hyl t bu yl ether	0 100	0 0153	0 149	0 0014	0 0038	0 0020	mg/k

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SUMMARY REPORT

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Site ID 5-0608
Project 25881-02
RAS # 5-0608
Date Sampled 3/31/05

Analyte	MW 3(4 6) 05 A46067	MW 3(10 12) 05 A46068	
TPH (Gasoline Range)	< 9 96	9 33	mg/kg
TPH (Diesel Range)	3 95	2 83	mg/kg
% Dry Weight	77 8	80 1	mg/kg
Benzene	0 0021	0 0018	mg/kg
Ethylbenzene	0 0021	0 0018	mg/kg
Toluene	0 0029	0 0019	mg/kg
Xylenes (Total)	< 0 0021	0 0018	mg/kg
Methyl t butyl ether	0 0021	0 0018	mg/kg
DRO DATA REVIEW	Completed	Completed	mg/kg
GRO DATA REVIEW	Completed	Comp eted	mg/kg
VOA DATA REVIEW		Completed	mg/kg

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville Division

411352

COOLER RECEIPT FORM BC

Client Name CRA

Cooler Received/Opened On 4/1/05 Accessioned By Shane Gambill

Log-In Personnel Signature

1 Temperature of Cooler when triaged 12 Degrees Celsius

2 Were custody seals on outside of cooler? .. .. YES NO NA

a. If yes, how many and where 1 Front

3 Were custody seals on containers? ... . 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 Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below

Fed-Ex UPS Velocity DHL Route Off street Misc

19 If a Non-Conformance exists, see attached or comments below

2455

LDEQ-EDMS Document 33164728 Page 78 of 179

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

CHAIN OF CUSTODY RECORD

Toll Free 800-765-0980
Fax 615-726-3404

ExxonMobil

411352

Consultant Name: CRA
Address: 4915 S Sherwood Forest Blvd
City/State/Zip: Baton Rouge, LA
Phone Number: (225) 292 9007 / fax (225) 292 3614
ExxonMobil Project Mgr: Dale Gomm
Sampler Name (Print): Cliff D Corder/Seth Henderson
Sampler Signature:

Consultant Project Number: 25881-02
Report To: Seth Domangue, CRA
Invoice To: Dale Gomm, ExxonMobil
Account #: 6976
EWR #:
Facility ID #: Former Exxon 5-0608
Site Address: 4555 Essen Lane
City State Zip: Baton Rouge Louisiana

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: BTEX/MTBE 8260B	LEAD 6010B	TPH-GRO 8015B	RCRA Metals 6000/7000	TPH-ORO 8015B	TPH-DRO 8015B	See below note						RUSH TAT (Pre-Schedule)	TAT request (4 Bus Days)	STD TAT	Fax Results
MW 1 (0 2)	03/30/05	0957	9	x			x							x					x		x		x			x	*			46062				x	x
MW 1 (18 20)	03/30/05	1520	9	x			x							x					x		x		x			x	*			63				x	x
MW 2 (0 2')	03/30/05	1017	9	x			x							x					x		x		x			x	*			64				x	x
MW 2 (10' 12)	03/31/05	0850	9	x			x							x					x		x		x			x				65				x	x
MW 3 (0 2')	03/30/05	1300	9	x			x							x					x		x		x			x	*			66				x	x
MW 3 (4 6)	03/30/05	1325	9	x			x							x					x		x		x			x	*			67				x	x
MW 3 (10' 12)	03/31/05	0930	9	x			x							x					x		x		x			x	*			J 68				x	x
WF 1	03/30/05	1244	3	x			x		x								x				x									46058				x	x
WE 1	03/30/05	1240	7	x			x		x					x			x				x		x			x				59				x	x
WT-1	—	—	1				x		x												x									60					
WT-2	—	—	1																											46061					

Special Instructions: Analyze for PAHs if TPH-DRO result is >65 mg/kg (LA RECAP list)

FedEx No

Relinquished by	Date	Time	Received by	Date	Time
Seth Henderson	3/31/05	1600	FED EX		
Relinquished by	Date	Time	Received by TestAmerica	Date	Time
				4/1/05	8:20

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

TestAmerica
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4/11/05

CONESTOGA ROVERS & ASSOC 6976
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

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

Project Name EXXONMOBIL 5-0608
Project Number 25881-02
Laboratory Project Number 411352

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 accreditation

Sample Identification	Lab Number	Collection Date
WF-1	05 A46058	3/30/05
WE-1	05-A46059	3/30/05
WT-1	05 A46060	
WT-2	05 A46061	
MW-1(0 -2)	05 A46062	3/30/05
MW-1(18 -20)	05-A46063	3/30/05
MW-2(0 -2)	05 A46064	3/30/05
MW 2(10 -12)	05-A46065	3/31/05
MW-3(0 -2)	05-A46066	3/30/05
MW-3(4 -6)	05 A46067	3/30/05
MW-3(10 -12)	05 A46068	3/31/05

TestAmerica
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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 Pamela A Langford Report Date 4/11/05

Johnny A Mitchell Laboratory Director
Michael H Dunn M S Technical Director
Pamela A Langford Senior Project Manager
Eric S Smith, QA/QC Director
Sandra McMillin Technical Services
Gail A Lage Senior Project Manager
Glenn L Norton Technical Services
Kelly S Comstock Technical Services
Roxanne L Connor Senior Project Manag

Laboratory Certification Number 01945

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE LA 70816

Lab Number 05-A47531
Sample ID MW-1
Sample Type Water
Site ID 5-0608

Project 25881-01
Project Name EXXONMOBIL 5-0608
Sampler TREY DAVIS

Date Collected 4/ 4/05
Time Collected 11 00
Date Received 4/ 5/05
Time Received 7 45
Page 1

Purchase Order

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	19 3	mg/l	2 00	20 0	4/ 8/05	22 37	F Gundi	8015B	5280
TPH (Diesel Range)	6 44	mg/l	0 500	5 0	4/ 7/05	0:21	M Jarrett	8015B/3510	2551
Naphthalene	0 400	mg/l	0 0100	10 0	4/ 7/05	18 15	K Phelps	8310	8313
Acenaph hene	ND	mg/l	0 00100	1 0	4/ 7/05	18 15	K Phelps	83 0	8313
Anthracene	0 00739	mg/l	0 00050	1 0	4/ 7/05	18 15	K Phelps	8310	8313
Fluoranthene	0 00053	mg/l	0 00020	1 0	4/ 7/05	18 15	K Phelps	8310	8313
Fluorene	ND	mg/	0 00050	1 0	4/ 7/05	18 5	K Phelps	8310	8313
Pyrene	0 00236	mg/l	0 00020	0	4/ 7/05	18 15	K Phelps	8310	8313
Benzo(a)anthracene	ND	mg/l	0 00010	1 0	4/ 7/05	18 15	K Phelps	8310	8313
Benzo(a)pyrene	ND	mg/l	0 00010	1 0	4/ 7/05	18 15	K Phelps	8310	8313
Benzo(b)fluoran hene	ND	mg/l	0 00010	1 0	4/ 7/05	18 15	K Phelps	8310	8313
Benzo(k)fluoranthene	ND	mg/l	0 00014	1 0	4/ 7/05	18 15	K Phelps	8310	8313
Chrysene	ND	mg/l	0 00010	1 0	4/ 7/05	18 15	K Phelps	8310	8313
Dibenzo(a h)anthracene	ND	mg/l	0 00020	1 0	4/ 7/05	18 15	K Phelps	8310	8313
Indeno(1 2 3 cd)pyrene	ND	mg/l	0 00020	1 0	4/ 7/05	18 15	K Phelps	8310	8313
Acenaphthylene	ND	mg/l	0 00100	1 0	4/ 7/05	18 15	K Phelps	8310	8313
Phenanthrene	ND	mg/l	0 00050	1 0	4/ 7/05	18 15	K Phelps	8310	8313
2 Methylnaphthalene	0 398	mg/l	0 0100	0 0	4/ 7/05	18 15	K Phelps	8310	8313
VOLATILE ORGANICS									
Benzene	0 159	mg/l	0 0010	1 0	4/ 5/05	17 00	B Herford	8260B	1509
Toluene	0 0875	mg/l	0 0010	1 0	4/ 5/05	17 00	B Herford	8260B	1509
Ethylbenzene	0 586	mg/l	0 0100	10 0	4/ 6/05	19 04	B Herford	8260B	4500
Xylenes (Total)	95	mg/l	0 0100	10 0	4/ 6/05	19 04	B Herford	8260B	4500
Methyl t butyl ether	0 199	mg/l	0 0010	1 0	4/ 5/05	17 00	B Herford	8260B	1509

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A47531
Sample ID MW-1
Project 25881-01

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	4/ 6/05		J Davis	3510
PAH s	1000 ml	1.00 ml	4/ 6/05		J Davis	3510/610

Surrogate	% Recovery	Target Range	
TPH Hi Surr o Terphenyl	95	55	133
BTEX/GRO Surr a a a TFT	95	63	134
VOA Surr 1 2 DCA d4	96	73	127
VOA Surr Toluene d8	102	79	113
VOA Surr 4 BFB	105	79	125
VOA Surr DBFM	99	75	134
PAH Surrogate	96	49	103

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
** = NELAC E87358 Certified Analyte

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Lab Number 05-A47532
Sample ID MW-2
Sample Type Water
Site ID 5-0608

Date Collected 4/ 4/05
Time Collected 11 30
Date Received 4/ 5/05
Time Received 7 45
Page 1

Project 25881-01
Project Name EXXONMOBIL 5-0608
Sampler TREY DAVIS

Purchase Order '

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	0 797	mg/l	0 100	1 0	4/ 8/05	23 02	F Gundi	8015B	5280
TPH (Diesel Range)	0 634	mg/l	0 111	1 0	4/ 7/05	7 09	M Jarrett	8015B/3510	2551
Naphthalene	ND	mg/l	0 00200	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Acenaphthene	ND	mg/l	0 00200	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Anthracene	ND	mg/l	0 00100	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Fluoranthene	ND	mg/l	0 00040	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Fluorene	ND	mg/l	0 00100	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Pyrene	ND	mg/l	0 00040	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Benzo(a)anthracene	ND	mg/l	0 00020	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Benzo(a)pyrene	ND	mg/l	0 00020	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Benzo(b)fluoranthene	ND	mg/l	0 00020	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Benzo(k)fluoranthene	ND	mg/l	0 00020	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Chrysene	ND	mg/l	0 00020	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Dibenzo(a h)anthracene	ND	mg/l	0 00040	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Indeno(1 2 3 cd)pyrene	ND	mg/l	0 00040	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Acenaphthylene	ND	mg/l	0 00200	1 0	4/ 7/05	18 43	K Phelps	8310	8313
Phenanthrene	ND	mg/l	0 00100	0	4/ 7/05	18 43	K Phelps	8310	8313
2 Methylnaph ha ene	ND	mg/l	0 00200	1 0	4/ 7/05	18 43	K Phelps	8310	8313
VOLATILE ORGANICS									
Benzene	0 0020	mg/l	0 0010	1 0	4/ 6/05	16 55	B Herford	8260B	4500
Toluene	ND	mg/l	0 0010	1 0	4/ 6/05	16 55	B Herford	8260B	4500
Ethylbenzene	ND	mg/l	0 0010	1 0	4/ 6/05	16 55	B Herford	8260B	4500
Xylenes (Total)	ND	mg/l	0 0010	1 0	4/ 6/05	16 55	B Herford	8260B	4500
Methyl t butyl ether	0 0269	mg/l	0 0010	1 0	4/ 6/05	16 55	B Herford	8260B	4500

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A47532
Sample ID MW-2
Project 25881-01

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	900 ml	1 00 ml	4/ 6/05		J Davis	3510
PAH s	500 ml	1 00 ml	4/ 6/05		J Davis	3510/610

Surrogate	% Recovery	Target Range	
TPH Hi Surr o Terphenyl	83	55	133
BTEX/GRO Surr a a a TF	95	63	134
VOA Surr 1 2 DCA d4	96	73	127
VOA Surr Toluene d8	103	79	113
VOA Surr 4 BFB	124	79	125
VOA Surr DBFM	99	75	134
PAH Surrogate	59	49	103

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
** = NELAC E87358 Certified Analyte

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Lab Number 05-A47533
Sample ID MW-3
Sample Type Water
Site ID 5-0608

Project 25881-01
Project Name EXXONMOBIL 5-0608
Sampler TREY DAVIS

Date Collected 4/ 4/05
Time Collected 11 15
Date Received 4/ 5/05
Time Received 7 45
Page 1

Purchase Order

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/l	0 100	1 0	4/ 7/05	15 44	F Gundi	8015B	1427
TPH (Diesel Range)	0 222	mg/l	0 100	1 0	4/ 7/05	7 25	M Jarrett	8015B/3510	2551
Naphthalene	ND	mg/l	0 00100	1 0	4/ 7/05	19 12	K Phelps	8310	8313
Acenaphthene	ND	mg/l	0 00100	1 0	4/ 7/05	19 12	K Phelps	8310	8313
Anthracene	ND	mg/l	0 00050	1 0	4/ 7/05	19 12	K Phelps	8310	8313
Fluoranthene	ND	mg/l	0 00020	1 0	4/ 7/05	19 12	K Phelps	8310	8313
Fluorene	ND	mg/l	0 00050	0	4/ 7/05	19 12	K Phelps	8310	8313
Pyrene	ND	mg/l	0 00020	1 0	4/ 7/05	19 12	K Phelps	8310	8313
Benzo(a)anthracene	ND	mg/l	0 00010	1 0	4/ 7/05	19 12	K Phelps	8310	8313
Benzo(a)pyrene	ND	mg/l	0 00010	1 0	4/ 7/05	19 12	K Phelps	8310	8313
Benzo(b)fluoranthene	ND	mg/l	0 00010	1 0	4/ 7/05	19 12	K Phelps	8310	8313
Benzo(k) luoranthene	ND	mg/l	0 00014	1 0	4/ 7/05	19 12	K Phelps	8310	8313
Chrysene	ND	mg/l	0 00010	0	4/ 7/05	19 12	K Phelps	8310	8313
Dibenzo(a h)anthracene	ND	mg/l	0 00020	1 0	4/ 7/05	19 12	K Phelps	8310	8313
Indeno(2 3 cd)pyrene	ND	mg/l	0 00020	1 0	4/ 7/05	9 12	K Phelps	8310	8313
Acenaph hylene	ND	mg/l	0 00100	1 0	4/ 7/05	19 12	K Phelps	8310	8313
Phenanthrene	ND	mg/l	0 00050	1 0	4/ 7/05	19 12	K Phelps	8310	8313
2 Methylnaphthalene	ND	mg/l	0 00100	1 0	4/ 7/05	19 2	K Phelps	8310	8313
VOLATILE ORGANICS									
Benzene	ND	mg/l	0 00 0	1 0	4/ 6/05	17 27	B Herford	8260B	4500
Toluene	ND	mg/l	0 0010	1 0	4/ 6/05	17 27	B Herford	8260B	4500
Ethylbenzene	ND	mg/l	0 0010	1 0	4/ 6/05	17 7	B Herford	8260B	4500
Xylenes (Total)	ND	mg/l	0 0010	1 0	4/ 6/05	17 27	B Herford	8260B	4500
Methyl t butyl ether	0 0026	mg/l	0 0010	1 0	4/ 6/05	17 27	B Herford	8260B	4500

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A47533
Sample ID MW-3
Project 25881-01

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	950 ml	1 00 ml	4/ 6/05		J Davis	3510
PAH 8	1000 ml	1 00 ml	4/ 6/05		J Davis	3510/610

Surrogate	% Recovery	Target Range	
TPH Hi Surr o Terphenyl	94	55	133
BTEX/GRO Surr a a a TFT	96	69	132
VOA Surr 1 2 DCA d4	94	73	127
VOA Surr Toluene d8	102	79	113
VOA Surr 4 BFB	115	79	125
VOA Surr DBFM	100	75	134
PAH Surrogate	78	49	103

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
** = NELAC E87358 Certified Analyte

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Lab Number 05-A47534
Sample ID WR-1
Sample Type Water
Site ID 5-0608

Date Collected 4/ 4/05
Time Collected
Date Received 4/ 5/05
Time Received 7 45
Page 1

Project 25881-01
Project Name EXXONMOBIL 5-0608
Sampler TREY DAVIS

Purchase Order

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	21 2	mg/	2 00	20 0	4/ 8/05	23 27	F Gundi	8015B	5280
TPH (Diesel Range)	7 35	mg/l	1 00	10 0	4/ 7/05	10 38	M Jarrett	8015B/3510	2551
VOLATILE ORGANICS									
Benzene	0 56	mg/l	0 0010	1 0	4/ 5/05	18 37	B Herford	8260B	1509
Toluene	0 0905	mg/l	0 0010	1 0	4/ 5/05	18 37	B Herford	8260B	1509
Ethylbenzene	0 603	mg/l	0 0100	10 0	4/ 6/05	19 36	B Herford	8260B	4500
Xylenes (Total)	1 99	mg/	0 0100	10 0	4/ 6/05	19:36	B Herford	8260B	4500
Methyl t butyl ether	0 220	mg/l	0 0100	10 0	4/ 6/05	19 36	B Herford	8260B	4500

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 m	1 00 ml	4/ 6/05		J Davis	3510

Surrogate	% Recovery	Qualifier	Range
TPH Hi Surr o Terphenyl	110		55 133

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A47534
Sample ID WR-1
Project 25881-01

Surrogate	% Recovery	Target Range	
BTEX/GRO Surr a a a TFT	94	63	134
VOA Surr 1 2 DCA d4	96	73	127
VOA Surr Toluene d8	102	79	113
VOA Surr 4 BFB	107	79	125
VOA Surr DBFM	99	75	134

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
** = NELAC E87358 Certified Analyte

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-01
Project Name EXXONMOBIL 5-0608
Sampler TREY DAVIS

Purchase Order

Lab Number 05-A47535
Sample ID WE-1
Sample Type Water
Site ID 5-0608

Date Collected 4/ 4/05
Time Collected 10 40
Date Received 4/ 5/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	0 161	mg/l	0 100	1 0	4/ 7/05	16 33	F Gundi	8015B	1427
TPH (Diesel Range)	ND	mg/l	0 100	1 0	4/ 7/05	7 56	M Jarrett	8015B/3510	2551
VOLATILE ORGANICS									
Benzene	ND	mg/l	0 0010	1 0	4/ 6/05	18 00	B Herford	8260B	4500
Toluene	ND	mg/l	0 0010	1 0	4/ 6/05	18 00	B Herford	8260B	4500
Ethylbenzene	ND	mg/l	0 0010	1 0	4/ 6/05	18 00	B Herford	8260B	4500
Xylenes (Total)	ND	mg/l	0 00 0	1 0	4/ 6/05	8:00	B Herford	8260B	4500
Methyl t butyl ether	ND	mg/l	0 0010	1 0	4/ 6/05	8 00	B Herford	8260B	4500

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1 00 ml	4/ 6/05		Davis	3510

Surrogate	% Recovery	Target Range
TPH Hi Surr o Terphenyl	73	55 133

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A47535
Sample ID WE-1
Project 25881-01

Surrogate	% Recovery	Target Range	
BTEX/GRO Surr a a a TFT	95	69	132
VOA Surr 1 2 DCA d4	95	73	127
VOA Surr Toluene d8	101	79	113
VOA Surr 4 BFB	114	79	125
VOA Surr DBFM	99	75	134

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
** = NELAC E87358 Certified Analyte

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Lab Number 05-A47536
Sample ID WF-1
Sample Type Water
Site ID 5-0608

Project 25881-01
Project Name EXXONMOBIL 5-0608
Sampler TREY DAVIS

Date Collected 4/ 4/05
Time Collected 10 30
Date Received 4/ 5/05
Time Received 7 45
Page 1

Purchase Order

Analyte	Result	Units	Report Limit	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/l	0 100	1 0	4/ 7/05	16 58	F Gundi	8015B	1427
VOLATILE ORGANICS									
Benzene	ND	mg/l	0 00 0	1 0	4/ 6/05	18 32	B Herford	8260B	4500
Toluene	ND	mg/l	0 0010	1 0	4/ 6/05	18 32	B Herford	8260B	4500
Ethylbenzene	ND	mg/l	0 0010	1 0	4/ 6/05	18 32	B Herford	8260B	4500
Xylenes (Total)	ND	mg/l	0 00 0	1 0	4/ 6/05	8 32	B Herford	8260B	4500
Methyl t bu y ether	ND	mg/l	0 0010	1 0	4/ 6/05	8 32	B Herford	8260B	4500

Surrogate	% Recovery	Target Range
BTEX/GRO Surr a a a TFT	95	69 132
VOA Surr 1 2 DCA d4	96	73 127
VOA Surr Toluene d8	102	79 113
VOA Surr 4 BFB	115	79 125
VOA Surr DBFM	98	75 134

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A47536
Sample ID WF-1
Project 25881-01

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
** = NELAC E87358 Certified Analyte

End of Sample Report

TestAmerica
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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Lab Number 05-A47537
Sample ID Trip Blank
Sample Type Water
Site ID 5-0608

Date Collected
Time Collected
Date Received 4/ 5/05
Time Received 7 45
Page 1

Project 25881-01
Project Name EXXONMOBIL 5-0608
Sampler TREY DAVIS

Purchase Order

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Benzene	ND	mg/l	0 0010	1 0	4/ 5/05	15 23	B Herford	8260B	1509
Toluene	ND	mg/l	0 0010	0	4/ 5/05	15 23	B Herford	8260B	1509
Ethylbenzene	ND	mg/l	0 0010	1 0	4/ 5/05	15 23	B Herford	8260B	1509
Xylenes (Total)	ND	mg/l	0 0010	1 0	4/ 5/05	15 23	B Herford	8260B	1509
Methyl t butyl ether	ND	mg/l	0 0010	1 0	4/ 5/05	15 23	B Herford	8260B	1509

Surrogate	% Recovery	Target Range
VOA Surr 1 2 DCA d4	97	73 127
VOA Surr Toluene d8	103	79 113
VOA Surr 4 BFB	127 #	79 125
VOA Surr DBFM	100	75 134

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
* = NELAC E87358 Certified Analyte

End of Sample Report

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PROJECT QUALITY CONTROL DATA
Project Number 25881-01
Project Name EXXONMOBIL 5-0608
Page 1
Laboratory Receipt Date 4/ 5/05

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/l	0 100	1 10	1 00	110	43 150	1427	46845
Naphthalene	mg/l	0 00039	0 00144	0 00200	72	34 115	8313	blank
Acenaphthene	mg/l	< 0 00042	0 00153	0 00200	76	35 131	8313	blank
Anthracene	mg/l	0 00046	0 00150	0 00200	75	44 120	8313	blank
Fluoranthene	mg/l	0 00015	0 00163	0 00200	82	42 118	8313	blank
Fluorene	mg/l	< 0 00014	0 00152	0 00200	76	34 119	8313	blank
Pyrene	mg/l	< 0 000 6	0 00164	0 00200	82	48 122	8313	blank
Benzo(a)anthracene	mg/l	0 00008	0 00170	0 00200	85	50 117	8313	blank
Benzo(a)pyrene	mg/l	< 0 00005	0 00117	0 00200	58	41 118	8313	blank
Benzo(b) luoranthene	mg/l	0 00006	0 00176	0 00200	85	48 116	8313	blank
Benzo(k)fluoranthene	mg/l	< 0 00005	0 00173	0 00200	86	48 118	8313	blank
Chrysene	mg/l	< 0 00009	0 00185	0 00200	92	50 119	8313	blank
Dibenzo(a h)anthracene	mg/l	< 0 00016	0 00207	0 00200	104	26 118	8313	blank
Indeno(1 2 3 cd)pyrene	mg/l	0 00014	0 00166	0 00200	83	43 113	8313	blank
Acenaphthylene	mg/l	0 00019	0 00159	0 00200	80	32 118	8313	blank
Phenanthrene	mg/l	< 0 00026	0 00159	0 00200	80	48 120	8313	blank
2 Methylnaphthalene	mg/l	0 00054	0 00134	0 00200	67	29 124	8313	blank
TPH (Diesel Range)	mg/l	0 068	0 728	1 00	66	35 124	2551	blank
BTEX/GRO Surr a a a -FT	% Recove-y				99	69 132	1427	
VOA PARAMETERS								
Benzene	mg/l	0 0010	0 0554	0 0500	111	62 146	1509	47359
Benzene	mg/l	0 0010	0 0596	0 0500	119	62 146	4500	47709
Toluene	mg/l	0 0010	0 0573	0 0500	115	68 141	1509	47359
Toluene	mg/l	0 0010	0 0620	0 0500	124	68 141	4500	47709
VOA Surr 1 2 DCA d4	% Rec				94	73 127	1509	
VOA Surr 1 2 DCA d4	% Rec				91	73 127	4500	

Project QC continued

TestAmerica
ANALYTICAL TESTING CORPORATION

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PROJECT QUALITY CONTROL DATA
Project Number 25881-01
Project Name EXXONMOBIL 5-0608
Page 2
Laboratory Receipt Date 4/ 5/05

Matrix Spike Recovery

Note If Blank is referenced as the sample spiked insuf icient volume was rece ved for the defined analytical batch for MS/MSD analysis on an true sample matrix Labora ory 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 Toluene d8	% Rec				101	79	113	1509	
VOA Surr Toluene d8	% Rec				98	79	113	4500	
VOA Surr 4 BFB	% Rec				106	79	125	1509	
VOA Surr 4 BFB	% Rec				104	79	125	4500	
VOA Surr DBFM	% Rec				99	75	134	1509	
VOA Surr DBFM	% Rec				99	75	134	4500	

Matrix Spike Duplicate

Analyte	units	Orig Val	Duplicate	RPD	Limi	Q C Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/l	1 10	0 961	13 49	27	1427
TPH (Diesel Range)	mg/l	0 728	0 707	2 93	36	2551
Naphthalene	mg/l	0 00144	0 00 37	4 98	53	8313
Acenaph hene	mg/l	0 00153	0 00161	5 10	48	8313
Anthracene	mg/l	0 00150	0 00179	17 63	47	8313
Fluoranthene	mg/l	0 00163	0 00166	1 82	44	8313
Fluorene	mg/l	0 00152	0 00160	5 13	50	8313
Pyrene	mg/	0 00164	0 00173	5 34	43	8313
Benzo(a)anthracene	mg/l	0 00 70	0 00 71	0 59	42	8313
Benzo(a)pyrene	mg/l	0 001 7	0 00108	8 00	42	8313
Benzo(b)fluoranthene	mg/	0 00170	0 00171	0 59	42	8313
Benzo(k)fluoranthene	mg/l	0 00173	0 00 74	0 58	42	8313
Chrysene	mg/l	0 00185	0 00186	0 54	42	8313
Diberzo(a h)anthracene	mg/l	0 00207	0 0020	2 94	52	8313
Indeno(1 2 3 cd)pyrene	mg/l	0 00166	0 00171	2 97	43	8313

Project QC continued

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PROJECT QUALITY CONTROL DATA
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Matrix Spike Duplicate

Analyte	units	Orig Val	Duplicate	RPD	Limit	Q C Batch
Acenaphthylene	mg/l	0 00159	0 00165	3 70	53	8313
Phenanthrene	mg/l	0 00159	0 00170	6 69	46	8313
2 Methylnaphthalene	mg/l	0 00134	0 00139	3 66	50	8313
BTEX/GRO Surr a a a TFT	% Recovery		98			1427
VOA PARAMETERS						
Benzene	mg/l	0 0554	0 0556	0 36	25	1509
Benzene	mg/l	0 0596	0 0584	2 03	25	4500
Toluene	mg/l	0 0573	0 0561	2 12	29	1509
Toluene	mg/l	0 0620	0 0590	4 96	29	4500
VOA Surr 1 2 DCA d4	% Rec		94			1509
VOA Surr 1 2 DCA d4	% Rec		93			4500
VOA Surr Toluene d8	% Rec		100			1509
VOA Surr Toluene d8	% Rec		100			4500
VOA Surr 4 BFB	% Rec		107			1509
VOA Surr 4 BFB	% Rec		104			4500
VOA Surr DBFM	% Rec		101			1509
VOA Surr DBFM	% Rec		100			4500

Laboratory Control Data

Analyte	units	Known Val	Analyzed Val	% Recovery	Target Range		Q C Batch
UST PARAMETERS							
TPH (Gasoline Range)	mg/l	1 00	1 10	110	64	130	1427
TPH (Gasoline Range)	mg/l	1 00	0 956	96	64	130	5280

Project QC con inued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-01
Project Name EXXONMOBIL 5-0608
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BTEX/GRO Surr a a a TFT	% Recovery			98	69	132	1427
BTEX/GRO Surr a a a TFT	% Recovery			96	69	132	5280
UST PARAMETERS							
Naphthalene	mg/l	0 00200	0 00140	70	34	115	8313
Acenaphthene	mg/l	0 00200	0 00165	82	36	129	8313
An hracene	mg/l	0 00200	0 00177	88	44	120	8313
Fluoranthene	mg/l	0 00200	0 00170	85	45	115	8313
Fluorene	mg/l	0 00200	0 00161	80	37	115	8313
Pyrene	mg/l	0 00200	0 00172	86	48	122	8313
Benzo(a)anthracene	mg/l	0 00200	0 00173	86	50	117	8313
Benzo(a)pyrene	mg/l	0 00200	0 00117	58	41	118	8313
Ben o(b)fluoranthene	mg/l	0 00200	0 00174	87	63	105	8313
Benzo(k)fluoran hene	mg/l	0 00200	0 00175	88	48	118	8313
Chrysene	mg/l	0 00200	0 00189	94	50	119	8313
Dibenzo(a h)anthracene	mg/l	0 00200	0 00220	110	27	118	8313
Indeno(1 2 3 cd)pyrene	mg/l	0 00200	0 00175	88	43	113	8313
Acenaphthylene	mg/l	0 00200	0 00178	89	46	111	8313
Phenanthrene	mg/l	0 00200	0 00167	84	48	120	8313
2 Me hylnaphthalene	mg/l	0 00200	0 00144	72	33	122	8313
TPH (Diesel Range)	mg/l	1 00	0 752	75	4	120	2551
VOA PARAMETERS							
Benzene	mg/l	0 0500	0 0526	105	76	127	1509
Benzene	mg/l	0 0500	0 0540	108	76	127	4500
Ethylbenzene	mg/l	0 0500	0 0552	110	80	124	1509
Ethylbenzene	mg/l	0 0500	0 0550	110	80	124	4500
Toluene	mg/l	0 0500	0 0531	106	79	124	1509
Toluene	mg/l	0 0500	0 0533	107	79	124	4500
Xylenes (Total)	mg/l	0 150	0 167	11	80	125	1509
Xy enes (Total)	mg/l	0 150	0 166	111	80	125	4500
Methy t butyl ether	mg/l	0 0500	0 0534	107	66	136	509
Methyl t butyl ether	mg/l	0 0500	0 0531	106	66	136	4500

Project QC continued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-01
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Laboratory Receipt Date 4/ 5/05

VOA Surr 1 2 DCA d4	% Rec	96	73	127	1509
VOA Surr 1 2 DCA d4	% Rec	93	73	127	4500
VOA Surr Toluene d8	% Rec	101	79	113	1509
VOA Surr Toluene d8	% Rec	102	79	113	4500
VOA Surr 4 BFB	% Rec	103	79	25	1509
VOA Surr 4 BFB	% Rec	104	79	125	4500
VOA Surr DBFM	% Rec	100	75	134	1509
VOA Surr DBFM	% Rec	101	75	134	4500

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)	0 0550	mg/l	1427	4/ 7/05	13 40
TPH (Gasoline Range)	0 0550	mg/l	5280	4/ 8/05	21 48
TPH (Diesel Range)	0 068	mg/l	2551	4/ 7/05	1 22
Naphthalene	0 00039	mg/	8313	4/ 7/05	15 54
Acenaphthene	0 00042	mg/l	83 3	4/ 7/05	15 54
Anthracene	0 00046	mg/l	8313	4/ 7/05	15 54
Fluoranthene	0 00015	mg/l	8313	4/ 7/05	15 54
Fluorene	0 00014	mg/l	8313	4/ 7/05	15 54
Py ene	0 00016	mg/l	8313	4/ 7/05	15 54
Benzo(a)anthracene	0 00008	mg/l	8313	4/ 7/05	15 54
Benzo(a)pyrene	0 00005	mg/l	8313	4/ 7/05	15 54

Project QC continued

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PROJECT QUALITY CONTROL DATA
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Project Name EXXONMOBIL 5-0608
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Laboratory Receipt Date 4/ 5/05

Blank Data

Analyte	Blank Value	Units	Q C Batch	Analysis Date	Analysis Time
Benzo(b)fluoranthene	0 00006	mg/l	8313	4/ 7/05	15 54
Benzo(k)fluoranthene	0 00005	mg/l	8313	4/ 7/05	15 54
Chry ene	0 00009	mg/l	8313	4/ 7/05	15 54
Dibenzo(a h)anthracene	0 00016	mg/l	8313	4/ 7/05	15 54
Indeno(1 2 3 cd)pyrene	0 00014	mg/l	8313	4/ 7/05	15 54
Acenaphthylene	0 00019	mg/l	8313	4/ 7/05	15 54
Phenanthrene	0 00026	mg/l	8313	4/ 7/05	15 54
2 Methylnaphthalene	0 00054	mg/l	8313	4/ 7/05	15 54
TPH Rı Surr o Terphenyl	74	% Recovery	2551	4/ 7/05	1:22
BTEX/GRO Surr a a a TFT	92	% Recovery	427	4/ 7/05	13 40
B"EX/GRO Surr a a a TFT	96	% Recovery	5280	4/ 8/05	21 48
PAH Surrogate	91	% Rec	8313	4/ 7/05	15 54
VOA PARAMETERS					
Benzene	0 0003	mg/l	1509	4/ 5/05	14 14
Benzene	0 0003	mg/l	4500	4/ 6/05	13 54
Ethy benzene	0 0002	mg/l	1509	4/ 5/05	14 14
Ethylbenzene	0 0002	mg/l	4500	4/ 6/05	13 54
Toluene	0 0002	mg/l	1509	4/ 5/05	14 14
Toluene	0 0002	mg/l	4500	4/ 6/05	13 54
Xylenes (Total)	0 0006	mg/l	1509	4/ 5/05	14 14
Xylenes (Total)	0 0006	mg/l	4500	4/ 6/05	13 54
Methyl t butyl ether	0 0002	mg/l	1509	4/ 5/05	14 14
Methyl t butyl ether	0 0002	mg/l	4500	4/ 6/05	13 54
VOA Surr 1 2 DCA d4	95	% Rec	1509	4/ 5/05	14 14
VOA Surr 1 2 DCA d4	96	% Rec	4500	4/ 6/05	13 54
VOA Surr Toluene d8	102	% Rec	1509	4/ 5/05	14 14
VOA Surr Toluene d8	102	% Rec	4500	4/ 6/05	13 54
VOA Surr 4 BFB	111	% Rec	1509	4/ 5/05	14 14
VOA Surr 4 BFB	112	% Rec	4500	4/ 6/05	13 54
VOA Surr DBFM	99	% Rec	1509	4/ 5/05	14 14
VOA Surr DBFM	96	% Rec	4500	4/ 6/05	13 54

Project QC continued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-01
Project Name EXXONMOBIL 5-0608
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Laboratory Receipt Date 4/ 5/05

Value outside Laboratory historical or method prescribed QC limits

End of Report for Project 411649

TestAmerica
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PROJECT QUALITY CONTROL DATA
Project Number 25881-01
Project Name EXXONMOBIL 5-0608
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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

Analyze PAHs by 8310 on Samples

47531
47532
47533
~~47534~~

tag to these #'s

Samples have already been extracted

4/11/05

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville Division

411649

COOLER RECEIPT FORM BC#

Client Name CRA

Cooler Received/Opened On 4/5/05 Accessioned By Mark Beasley

Log in Personnel Signature

1 Temperature of Cooler when triaged 4 2 Degrees Celsius

2 Were custody seals on outside of cooler? (YES) NO NA

a. If yes, how many and where 1 Front

3 Were custody seals on containers ? (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. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below

5126 5148 5137

UPS Velocity DHL Route Off street (Fedex) Misc.

19 If a Non-Conformance exists, see attached or comments below

MW 1 → 1 NP + 1 HCL liter BTS

MW 2 → 1 HCL liter BTS

CHAIN OF CUSTODY RECORD

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville TN 37204
Phone 615-726-0177
Toll Free 800-765-0980
Fax 615-726-3404

ExxonMobil

Consultant Name: CRA
Consultant Project Number: 25881 01
Address: 4915 S Sherwood Forest Blvd
Report To: Seth Domangue
City/State/Zip: Baton Rouge LA
Invoice To: Dale Gomm
Phone Number: (225) 292 9007
Fax No: (225) 292 3614
Account #: 6976
ExxonMobil Project Mgr: Dale L. Gomm
Exxon PO#:
Facility ID #: 5-0608
Sampler Name (Print): Trey Davis
Site Address: 4555 Essen Ln
Sampler Signature: Trey Davis
City State Zip: Baton Rouge, Louisiana

411649

Sample ID / Description	Date Sampled	Time Sampled	No of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	Preservative: HNO_3 (Red Label)	Preservative: HCl (Blue Label)	Preservative: NaOH (Orange Label)	Preservative: H_2SO_4 Plastic (Yellow Label)	Preservative: H_2SO Glass (Yellow Label)	Preservative: None (Black Label)	Preservative: Other	Matrix: Groundwater	Matrix: Wastewater	Matrix: Drinking Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify) Deionized Water	Analyze For: BTEX/MTBE (8260B)	Analyze For: TPH-GRO (8015)	Analyze For: TPH DRO (8015)	Analyze For: PAH (8310)	RUSH TAT (Pre-Schedule)	TAT request (In Bus Days)	STD TAT	Fax Results
MW 1 47531 TD	04/04/05	1100	9	X			X		X						X						X	X	X	*			X	
MW 2 32 TD	04/04/05	1130	9	X			X		X						X						X	X	X	*			X	
MW 3 33 TD	04/04/05	1115	9	X			X		X						X						X	X	X	*			X	
WR 1 34 TD	04/04/05	—	7	X			X		X						X						X	X	X				X	
WE 1 35 TD	04/04/05	1040	7	X			X		X								X				X	X	X				X	
WF 1 36 TD	04/04/05	1030	5	X			X		X								X				X	X					X	
Trip Blank 47537	2/18/05	—	1	X			X		X								X				X						X	

Special Instructions: * Only run PAH if TPH-ORO result is greater than 0 15 mg/L.

Fed Ex Airbill No.

Laboratory Comments
Temperature Upon Receipt: 4 2
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

Relinquished by	Date	Time	Received by	Date	Time
Trey Davis	4/4/05	1430	FedEx Courier		
Relinquished by	Date	Time	Received by TestAmerica	Date	Time
				4/5/05	745

Page 1 of 1

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4/13/05

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

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

Project Name EXXONMOBIL 5-0608
Project Number 25881-01
Laboratory Project Number 411649

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 accreditation

Sample Identification	Lab Number	Collection Date
MW 1	05-A47531	4/ 4/05
MW-2	05-A47532	4/ 4/05
MW 3	05-A47533	4/ 4/05
WR 1	05-A47534	4/ 4/05
WE-1	05 A47535	4/ 4/05
WF-1	05 A47536	4/ 4/05
Trip Blank	05 A47537	

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Sample Identification	Lab Number	Collection Date

These results relate only to the items tested
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permission of the laboratory

Report Approved By Roxanne L Connor Report Date 4/11/05

Johnny A Mitchell Laboratory Director
Michael H Dunn M S , Technical Director
Pamela A Langford Senior Project Manager
Eric S Smith QA/QC Director
Sandra McMillin Technical Services
Gail A Lage Senior Project Manager
Glenn L Norton Technical Services
Kelly S Comstock Technical Services
Roxanne L Connor Senior Project Manag

Laboratory Certification Number 01945

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Lab Number 05-A52986
Sample ID Trip Blank
Sample Type Water
Site ID 5-0608

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Date Collected
Time Collected
Date Received 4/15/05
Time Received 7 45
Page 1

Purchase Order

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Benzen	ND	mg/l	0 0010	0	4/15/05	22 59	B Herfo d	8260B	1338
Toluene	ND	mg/l	0 0010	1 0	4/15/05	22 59	B Herford	8260B	1338
Ethylbenzene	ND	mg/l	0 0010	1 0	4/15/05	22 59	B Herford	8260B	1338
Xylenes (Total)	ND	mg/l	0 00 0	1 0	4/15/05	22 59	B Herford	8260B	1338
Methyl t butyl e her	ND	mg/l	0 0010	1 0	4/15/05	22 59	B Herford	8260B	1338

Surrogate	% Recovery	Target Range	
VOA Surr 1 2 DCA d4	96	70	30
VOA Surr Toluene d8	10	78	2
VOA Surr 4 BFB	115	78	26
VOA Surr DBFM	97	79	22

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
* = NELAC E87358 Certified Analyte

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-A52987
Sample ID Trip Blank
Sample Type Water
Site ID 5-0608

Date Collected
Time Collected
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
VOLATILE ORGANICS									
Benzene	ND	mg/l	0 0010	1 0	4/15/05	23 32	B Herford	8260B	1338
Toluene	ND	mg/l	0 0010	1 0	4/15/05	23 32	B Herford	8260B	1338
Ethylbenzene	ND	mg/l	0 0010	1 0	4/15/05	23 32	B Herford	8260B	1338
Xylenes (Total)	ND	mg/l	0 0010	1 0	4/15/05	23 32	B Herford	8260B	1338
Methyl t butyl ether	ND	mg/l	0 0010	1 0	4/15/05	23 32	B Herford	8260B	1338

Surrogate	% Recovery	Target Range
VOA Surr 1 2 DCA d4	97	70 130
VOA Surr Toluene d8	103	78 121
VOA Su r 4 BFB	114	78 126
VOA Surr DBFM	96	79 122

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
** = NELAC E87358 Certified Analyte

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE LA 70816

Lab Number 05-A52988
Sample ID S-4
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 10 06
Date Received 4/15/05
Time Received 7 45
Page 1

Project
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Diesel Range)	ND	mg/kg	10 0	1 0	4/16/05	23 02	B Yanna	8015B	1583
Naphthalene	ND	mg/kg	0 067	1 0	4/17/05	8 05	M Cauthen	8270C	1547
Acenaphthene	ND	mg/kg	0 067	1 0	4/17/05	8 05	M Cauthen	8270C	1547
Anthracene	ND	mg/kg	0 067	1 0	4/ 7/05	8 05	M Cauthen	8270C	1547
Fluoranthene	ND	mg/kg	0 067	1 0	4/ 7/05	8 05	M Cauthen	8270C	1547
Fluorene	ND	mg/kg	0 067	1 0	4/ 7/05	8 05	M Cauthen	8270C	1547
Pyrene	ND	mg/kg	0 067	1 0	4/17/05	8 05	M Cauthen	8270C	1547
Benzo(a)anthracene	ND	mg/kg	0 067	1 0	4/17/05	8 05	M Cauthen	8270C	1547
Benzo(a)pyrene	ND	mg/kg	0 067	1 0	4/17/05	8 05	M Cauthen	8270C	1547
Benzo(b)fluoranthene	ND	mg/kg	0 067	1 0	4/17/05	8 05	M Cauthen	8270C	1547
Benzo(k)fluoranthene	ND	mg/kg	0 067	1 0	4/17/05	8 05	M Cauthen	8270C	1547
Chrysene	ND	mg/kg	0 067	1 0	4/17/05	8 05	M Cauthen	8270C	1547
Dibenzo(a,h)anthracene	ND	mg/kg	0 067	1 0	4/17/05	8 05	M Cauthen	8270C	1547
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0 067	1 0	4/17/05	8 05	M Cauthen	8270C	1547
Acenaphthylene	ND	mg/kg	0 067	1 0	4/17/05	8 05	M Cauthen	8270C	1547
Phenanthrene	ND	mg/kg	0 067	1 0	4/17/05	8 05	M Cauthen	8270C	1547
2-Methylnapthalene	ND	mg/kg	0 067	1 0	4/ 7/05	8 05	M Cauthen	8270C	1547
METALS									
Arsenic	ND	mg/kg	0 98	1 0	4/15/05	14 44	G McCord	60 0B	61
Barium	86 3	mg/kg	1 96	1 0	4/15/05	14 44	G McCord	6010B	61
Cadmium	ND	mg/kg	0 98	1 0	4/15/05	14 44	G McCord	6010B	61
Chromium	7 05	mg/kg	0 98	1 0	4/15/05	14 44	G McCord	6010B	61
Lead	6 07	mg/kg	0 98	0	4/ 5/05	14 44	G McCord	6010B	61

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A52988
Sample ID S-4
Project
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Mercury	ND	mg/kg	0 0985	1 0	4/16/05	12 17	K Kel er	7471A	50
Selenium	ND	mg/kg	1 96	1 0	4/15/05	14:44	G McCord	6010B	61
Silver	ND	mg/kg	0 98	1 0	4/15/05	14 44	G McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA s	29 9 gm	1 0 ml	4/16/05		K Turner	3550
EPH/DRO	25 2 gm	1 0 ml	4/15/05		K Turner	3550

Surrogate	% Recovery	Target Range	
EPH surr o Terphenyl	97	56	143
BNA Surr Nitrobenzene d5	70	10	153
BNA Surr 2 Fluorobiphenyl	67	35	106
BNA Surr Terphenyl d14	80	41	117

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
* = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-AS2989
Sample ID S-9
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 11 00
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Diesel Range)	ND	mg/kg	10 0	1 0	4/16/05	23 18	B Yanna	8015B	1583
Naphthalene	ND	mg/kg	0 067	1 0	4/17/05	8 25	M Cauthen	8270C	1547
Acenaph hene	ND	mg/kg	0 067	1 0	4/17/05	8 25	M Cauthen	8270C	1547
Anthracene	ND	mg/kg	0 067	1 0	4/17/05	8 25	M Cauthen	8270C	1547
Fluoranthene	ND	mg/kg	0 067	1 0	4/17/05	8 25	M Cauthen	8270C	1547
Fluorene	ND	mg/kg	0 067	0	4/ 7/05	8 25	M Cauthen	8270C	1547
Pyrene	ND	mg/kg	0 067	1 0	4/17/05	8 25	M Cauthen	8270C	1547
Benzo(a)anthracene	ND	mg/kg	0 067	1 0	4/17/05	8 25	M Cauthen	8270C	1547
Benzo(a)pyrene	ND	mg/kg	0 067	1 0	4/17/05	8 25	M Cauthen	8270C	1547
Benzo(b)fluoranthene	ND	mg/kg	0 067	1 0	4/17/05	8 25	M Cauthen	8270C	1547
Benzo(k)fluoranthene	ND	mg/kg	0 067	0	4/ 7/05	8 25	M Cauthen	8270C	1547
Chrysene	ND	mg/kg	0 067	0	4/17/05	8 25	M Cauthen	8270C	1547
Dibenz(a,h)anthracene	ND	mg/kg	0 067	0	4/17/05	8 25	M Cauthen	8270C	1547
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0 067	0	4/17/05	8 25	M Cauther	8270C	1547
Acenaphthylene	ND	mg/kg	0 067	1 0	4/17/05	8 25	M Cauthen	8270C	547
Phenanthrene	ND	mg/kg	0 067	1 0	4/17/05	8 25	M Cauthen	8270C	1547
2 Methylnapthalene	ND	mg/kg	0 067	1 0	4/17/05	8 25	M Cauthen	8270C	1547
METALS									
Arsenic	ND	mg/kg	0 9	1 0	4/ 5/05	14 44	G McCord	6010B	61
Barium	21	mg/kg	1 98	1 0	4/15/05	14 44	G McCord	6010B	61
Cadmium	ND	mg/kg	0 99	1 0	4/ 5/05	14 44	G McCord	6010B	61
Chromium	9 52	mg/kg	0 99	1 0	4/15/05	14 44	G McCord	6010B	61
Lead	8 33	mg/kg	0 99	1 0	4/15/05	14 44	G McCord	6010B	61

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A52989
Sample ID S-9
Project
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Mercury	ND	mg/kg	0 0971	1 0	4/16/05	12 17	K Keller	7471A	50
Selenium	ND	mg/kg	1 98	1 0	4/15/05	14 44	G McCord	6010B	61
Silver	ND	mg/kg	0 99	1 0	4/15/05	14 44	G McCord	6010B	61

Sample Ex raction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA s	29 8 gm	1 0 ml	4/16/05		K Turner	3550
EPH/DRO	25 1 gr	0 ml	4/15/05		K Turner	3550

Surrogate	% Recovery	Target Range	
EPH surr o Terphenyl	92	56	143
BNA Surr Nitrobenzene d5	68	10	153
BNA Surr 2 Fluorobiphenyl	65	35	106
BNA Surr Terphenyl d14	76	41	117

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-A52990
Sample ID S-10
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 11 04
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Diesel Range)	14 4	mg/kg	10 0	0	4/16/05	23 34	B Yanna	8015B	1583
Naphthalene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Acenaphthene	ND	mg/kg	0 06	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Anthracene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Fluoranthene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Fluorene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Pyrene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Benzo(a)anthracene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Benzo(a)pyrene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Benzo(b)fluoranthene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Benzo(k)fluoranthene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	547
Chrysene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Dibenzo(a h)anthracene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Indeno(1 2 3 cd)pyrene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Acenaphthylene	ND	mg/kg	0 067	1 0	4/17/05	8 46	M Cauthen	8270C	1547
Phenanthrene	ND	mg/kg	0 067	0	4/ 7/05	8 46	M Cauthen	8270C	1547
2 Methylnapthalene	ND	mg/kg	0 067	1 0	4/ 7/05	8 46	M Cauthen	8270C	1547
METALS									
Arsenic	3 37	mg/kg	0 99	1 0	4/ 5/05	14 44	G McCord	6010B	61
Barium	120	mg/kg	1 98	1 0	4/15/05	14 44	G McCord	6010B	61
Cadmium	ND	mg/kg	0 99	0	4/ 5/05	14 44	G McCord	6010B	61
Chromium	11 3	mg/kg	0 99	1 0	4/ 5/05	14 44	G McCord	6010B	61
Lead	13 1	mg/kg	0 99	1 0	4/ 5/05	4 44	G McCord	6010B	61

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A52990
Sample ID S-10
Project
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Mercury	ND	mg/kg	0 100	1 0	4/16/05	12 17	K Keller	7471A	50
Selenium	ND	mg/kg	1 98	1 0	4/15/05	14 44	G McCord	6010B	61
Silver	ND	mg/kg	0 99	1 0	4/15/05	14 44	G McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA s	29 7 gm	1 0 ml	4/16/05		K Turner	3550
EPH/DRO	24 9 gm	1 0 ml	4/15/05		K Turner	3550

Surrogate	% Recovery	Target Range	
EPH surr o Terphenyl	97	56	143
BNA Surr Nitrobenzene d5	73	10	153
BNA Surr 2 Fluorobiphenyl	70	35	106
BNA Surr Terphenyl d14	82	41	17

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-A52991
Sample ID S-14
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 11 14
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
TPH (Diesel Range)	58 8	mg/kg	0 0	1 0	4/16/05	23 49	B Yanna	BC15B	1583
Naphthalene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
Acenaphthene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
Anthracene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
Fluoranthene	ND	mg/kg	0 067	0	4/17/05	9 06	M Cauthen	8270C	1547
Fluorene	ND	mg/kg	0 067	0	4/17/05	9 06	M Cauthen	8270C	1547
Pyrene	ND	mg/kg	0 067	1 0	4/17/05	9:06	M Cauthen	8270C	1547
Benzo(a)anthracene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
Benzo(a)pyrene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
Benzo(b)fluoranthene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
Benzo(k)fluoranthene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
Chrysene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
Dibenzo(a h)anthracene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
Indeno(1 2 3 cd)pyrene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
Acenaphthylene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
Phenanthrene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
2 Methylnapthalene	ND	mg/kg	0 067	1 0	4/17/05	9 06	M Cauthen	8270C	1547
METALS									
Arsenic	ND	mg/kg	00	1 0	4/15/05	14 44	G McCord	6010B	6
Barium	43 4	mg/kg	2 01	1 0	4/15/05	14 44	G McCord	6010B	6
Cadmium	ND	mg/kg	00	1 0	4/15/05	14 44	G McCord	60 0B	61
Chromium	5 82	mg/kg	00	1 0	4/15/05	14 44	G McCord	6010B	61
Lead	5 22	mg/kg	00	1 0	4/15/05	14 44	G McCord	6010B	61

Sample report con inued

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ANALYTICAL REPORT

Laboratory Number 05-A52991
Sample ID S-14
Project
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Mercury	ND	mg/kg	0 0976	1 0	4/16/05	12 17	K Keller	7471A	50
Selenium	ND	mg/kg	2 01	1 0	4/15/05	14 44	G McCord	6010B	61
Silver	ND	mg/kg	1 00	1 0	4/15/05	14 44	G McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA s	29 7 gm	0 ml	4/ 6/05		K Turner	3550
EPH/DRO	25 0 gm	1 0 ml	4/ 5/05		K Turner	3550

Surrogate	% Recovery	Target Range	
EPH surr o Terphenyl	109	56	143
BNA Surr Nitrobenzene d5	60	10	153
BNA Surr 2 Fluorobiphenyl	57	35	106
BNA Surr Terphenyl d14	81	41	117

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-A52992
Sample ID S-1
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 9 40
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78 9	%		0	4/ 5/05		A Runnels	CLP	58
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	8 83	1 0	4/16/05	1 38	H Wagner	8015B	675
VOLATILE ORGANICS									
Benzene	0 0020	mg/kg	0 0020	1 0	4/15/05	23 32	J Adams	8260B	1949
E hylbenzene	ND	mg/kg	0 0020	1 0	4/15/05	3 32	J Adams	8260B	1949
Toluene	ND	mg/kg	0 0020	1 0	4/15/05	3 32	J Adams	8260B	1949
Xy enes (Total)	ND	mg/kg	0 0020	1 0	4/15/05	3 32	J Adams	8260B	949
Methyl t bu y ether	ND	mg/kg	0 0020	1 0	4/15/05	3 32	J Adams	8260B	949
METALS									
Lead	7 9	mg/kg	0 99	1 0	4/15/05	14 44	G McCord	6010B	61

Sample Extraction Da a

Parame er	W /Vol Ext acted	Extract Vol	Da e	Time	Analyst	Method
Vola ile Organics	5 05 g	5 0 ml	4/14/05	9 40	N Noman	5035

Sample report cont nued

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ANALYTICAL REPORT

Laboratory Number 05-A52992
Sample ID S-1
Project 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extrac Vol	Date	Time	Analyst	Method
BTX Prep	5 66 g	10 0 ml	4/15/05	13 20	J Freeman	5035

Surrogate	% Recovery	Target Range
UST surr Trifluorotoluene	87	56 145
VOA Sur 1 2 DCAd4	79	72 125
VOA Surr Toluene d8	97	80 124
VOA Surr 4 BFB	93	25 185
VOA Surr DBFM	91	73 124

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
* = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-A52993
Sample ID S-2
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 9 49
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78 7	%		1 0	4/15/05		A Runnels	CLP	58
ORGANIC PARAMETERS									
TPH (Gasoline Range)	369	mg/kg	50 0	50 0	4/16/05	13 23	H Wagner	80 5B	2154
VOLATILE ORGANICS									
Benzene	ND	mg/kg	0 01	50 0	4/15/05	16 01	J Adams	8260B	943
Ethylbenzene	1 66	mg/kg	0 101	50 0	4/15/05	16 01	J Adams	8260B	1943
Toluene	ND	mg/kg	0 101	50 0	4/15/05	16 01	J Adams	8260B	1943
Xylenes (Total)	6 66	mg/kg	0 101	50 0	4/ 5/05	16 01	J Adams	8260B	1943
Methyl t buty ether	ND	mg/kg	0 101	50 0	4/ 5/05	16 01	Adams	8260B	1943
METALS									
Lead	9 09	mg/kg	1 01	1 0	4/15/05	4 44	G McCord	60 0B	6

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4 94 g	5 0 ml	4/14/05	9 49	N Roman	5035

Sample report continued

TestAmerica
ANALYTICAL TESTING CORPORATION
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ANALYTICAL REPORT

Laboratory Number 05-A52993
Sample ID S-2
Project 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Ex ract Vol	Date	Time	Analyst	Method
BTX Prep	4 99 g	10 0 ml	4/25/05	13 20	J Freeman	5035

Surrogate	% Recovery	Target Range
UST su r Tri luorotoluene	161 #	56 145
VOA Surr 1 2 DCAd4	79	72 125
VOA Surr Toluene d8	86	80 124
VOA Surr 4 BFB	88	25 185
VOA Su-r DBFM	88	73 124

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis
8260 PQL s elevated due to sample matrix
8021 surrogate outside QC range due to sample matrix

End of Sample Report

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ANALYTICAL TESTING CORPORATION
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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-A52994
Sample ID S-3
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 10 00
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dilution Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	79 0	%		1 0	4/15/05		A Runnels	CLP	88
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	9 42	1 0	4/16/05	2 35	H Wagner	8015B	675
VOLATILE ORGANICS									
Benzene	0 0032	mg/kg	0 0019	1 0	4/15/05	23 52	J Adams	8260B	949
Ethylbenzene	ND	mg/kg	0 0019	1 0	4/15/05	23 52	J Adams	8260B	1949
Toluene	ND	mg/kg	0 00 9	1 0	4/ 5/05	23 52	J Adams	8260B	1949
Xylenes (Total)	ND	mg/kg	0 0019	1 0	4/15/05	23 52	J Adams	8260B	1949
Methyl t butyl ether	0 0076	mg/kg	0 0019	1 0	4/15/05	23 52	J Adams	8260B	1949
METALS									
Lead	6 10	mg/kg	0 95	1 0	4/15/05	14 44	G McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	5 29 g	5 0 ml	4/14/05	10 00	N Noman	5035

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A52994
Sample ID S-3
Project 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5 31 g	10 0 ml	4/15/05	13 20	J Freeman	5035

Surrogate	% Recovery	Target Range
UST surr Trifluorotoluene	69	56 145
VOA Surr 1 2 DCAd4	79	72 125
VOA Surr Toluene d8	93	80 124
VOA Surr 4 BFB	86	25 185
VOA Surr DBFM	87	73 124

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-A52995
Sample ID S-5
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 10 11
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Fac or	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	72 4	%		1 0	4/15/05		A Runnels	CLP	58
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	10	1 0	4/16/05	3 03	H Wagner	8015B	675
VOLATILE ORGANICS									
Benzene	ND	mg/kg	0 0021	1 0	4/16/05	0 11	J Adams	8260B	1949
Ethylbenzene	ND	mg/kg	0 0021	1 0	4/16/05	0 11	J Adams	8260B	1949
Toluene	ND	mg/kg	0 0021	1 0	4/16/05	0 11	J Adams	8260B	1949
Xylenes (Total)	ND	mg/kg	0 0021	1 0	4/16/05	0 11	J Adams	8260B	1949
Methyl t butyl ether	0 0106	mg/kg	0 002	0	4/16/05	0 11	J Adams	8260B	1949
METALS									
Lead	11 3	mg/kg	0 99	1 0	4/ 5/05	14 44	G McCord	6010B	61

Sample Ex rac ior Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4 70 g	5 0 m	4/14/05	10 1	N Noman	5035

Sample repor con nued

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ANALYTICAL REPORT

Laboratory Number 05-A52995
Sample ID S-5
Project 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	4 93 g	0 0 ml	4/15/05	13 20	J Freeman	5035

Surrogate	% Recovery	Target Range
UST surr Trifluorotoluene	70	56 145
VOA Surr 1 2 DCAd4	83	72 125
VOA Surr Toluene d8	97	80 124
VOA Surr 4 BFB	88	25 185
VOA Surr DBFM	93	73 124

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Lab Number 05-A52996
Sample ID S-6
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 10 30
Date Received 4/15/05
Time Received 7 45
Page 1

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	84 0	%		1 0	4/15/05		A Runnels	CLP	58
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	8 82	1 0	4/16/05	3 32	K Wagner	8015B	675
VOLATILE ORGANICS									
Benzene	ND	mg/kg	0 0018	1 0	4/16/05	0 31	J Adams	8260B	1949
Ethylbenzene	ND	mg/kg	0 0018	1 0	4/16/05	0 31	J Adams	8260B	1949
Toluene	ND	mg/kg	0 0018	1 0	4/16/05	0 31	J Adams	8260B	1949
Xylenes (Total)	ND	mg/kg	0 0018	1 0	4/16/05	0 31	J Adams	8260B	1949
Methyl t butyl ether	ND	mg/kg	0 0018	1 0	4/16/05	0 31	J Adams	8260B	1949
METALS									
Lead	8 27	mg/kg	0 96	0	4/15/05	14 44	G McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extrac Vol	Date	Time	Analyst	Method
Volatile Organics	5 46 g	5 0 ml	4/14/05	10 30	N Noman	5035

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A52996
Sample ID S-6
Project 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5 67 g	10 0 ml	4/15/05	13 20	J Freeman	5035

Surrogate	% Recovery	Target Range	
UST surr T ifluo-otoluene	72	56	145
VOA Surr 1 2 DCAd4	76	72	125
VOA Surr Toluene d8	93	80	124
VOA Surr 4 BFB	84	25	185
VOA Surr DBFM	83	73	124

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
= NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Lab Number 05-A52997
Sample ID S-7
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 10 40
Date Received 4/15/05
Time Received 7 45
Page 1

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	76 5	%		1 0	4/15/05		A Runnels	CLP	58
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	9 78	1 0	4/16/05	4 00	H Wagner	8015B	675
VOLATILE ORGANICS									
Benzene	ND	mg/kg	0 0949	50 0	4/15/05	7 20	J Adams	8260B	1943
Ethylbenzene	ND	mg/kg	0 0949	50 0	4/15/05	7 20	J Adams	8260B	1943
Toluene	ND	mg/kg	0 0949	50 0	4/15/05	17 20	J Adams	8260B	1943
Xylenes (Total)	ND	mg/kg	0 0949	50 0	4/15/05	17 20	J Adams	8260B	1943
Methyl tert butyl ether	ND	mg/kg	0 0949	50 0	4/15/05	17 20	J Adams	8260B	1943
METALS									
Lead	5 33	mg/kg	0 95	1 0	4/15/05	14 44	G McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extrac Vol	Date	Time	Analyst	Method
Volatile Organics	5 27 g	5 0 ml	4/14/05	10 40	N Noman	5035

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A52997
Sample ID S-7
Project 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5 11 g	10 0 ml	4/15/05	13 20	J Freeman	5035

Surrogate	% Recovery	Target Range	
US" surr Trifluorotoluene	88	56	145
VOA Surr 1 2 DCAd4	74	72	125
VOA Surr Toluene d8	94	80	124
VOA Surr 4 BFB	85	25	185
VOA Surr DBFM	83	73	124

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis
8260 PQL s elevated due to instrument failure Sample volume was insufficient to repeat without dilution

End of Sample Report

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ANALYTICAL REPORT

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SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-A52998
Sample ID S-8
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 10 50
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	69 7	%		1 0	4/ 5/05		A Runnels	CLP	58
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	10 3	1 0	4/16/05	4 29	H Wagner	8015B	675
VOLATILE ORGANICS									
Benzene	0 0079	mg/kg	0 0021	1 0	4/ 6/05	1 10	J Adams	8260B	949
Ethylbenzene	0 0032	mg/kg	0 0021	1 0	4/ 6/05	1 10	J Adams	8260B	1949
Toluene	ND	mg/kg	0 0021	1 0	4/16/05	1:10	J Adams	8260B	1949
Xylenes (Total)	ND	mg/kg	0 0021	1 0	4/16/05	1 10	J Adams	8260B	1949
Methyl t Bu yl ether	0 0141	mg/kg	0 0021	1 0	4/16/05	1 10	J Adams	8260B	1949
METALS									
Lead	14 1	mg/kg	1 00	1 0	4/15/05	14 44	G McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4 73 g	5 0 ml	4/14/05	10 50	N Noman	5035

Sample report con inued

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ANALYTICAL REPORT

Laboratory Number 05-A52998
Sample ID S-8
Project 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	4 87 g	10 0 ml	4/15/05	13 20	J Freeman	5035

Surrogate	% Recovery	Target Range	
UST surr Trifluorotoluene	74	56	145
VOA Surr 1 2 DCAd4	90	72	25
VOA Surr Toluene d8	93	80	124
VOA Surr 4 BFB	59	25	185
VOA Surr DBFM	97	73	124

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

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SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-A52999
Sample ID S-11
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 11 40
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78 2	%		1 0	4/15/05		A Runnels	CLP	58
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	10 6	1 0	4/16/05	4 58	H Wagner	8015B	675
VOLATILE ORGANICS									
Benzene	0 0027	mg/kg	0 0020	0	4/16/05	1 30	J Adams	8260B	1949
Ethylbenzene	ND	mg/kg	0 0020	1 0	4/16/05	1 30	J Adams	8260B	1949
Toluene	0 0032	mg/kg	0 0020	1 0	4/16/05	1 30	J Adams	8260B	1949
Xylenes (Tota)	0 0040	mg/kg	0 0020	1 0	4/16/05	1 30	J Adams	8260B	1949
Methyl t butyl ether	ND	mg/kg	0 0020	1 0	4/16/05	1 30	J Adams	8260B	1949
METALS									
Lead	8 09	mg/kg	0 96	1 0	4/15/05	14 44	G McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4 88 g	5 0 ml	4/14/05	11 40	N Noman	5035

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A52999
Sample ID S-11
Project 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	4 71 g	10 0 ml	4/15/05	13 20	J Freeman	5035

Surrogate	% Recovery	Target Range	
UST surr T-i luorotoluene	97	56	145
VOA Surr 1 2 DCAd4	85	72	125
VOA Surr Toluene d8	99	80	24
VOA Surr 4 BFB	97	25	185
VOA Surr DBFM	95	73	124

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05 A53000
Sample ID S-12
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 12 00
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Unit	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	76 1	%		1 0	4/15/05		A Runnels	CLP	58
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	9 29	1 0	4/16/05	5 26	H Wagner	8015B	675
VOLATILE ORGANICS									
Benzene	0 0213	mg/kg	0 0022	1 0	4/16/05	1:49	Adams	8260B	1949
Ethylbenzene	ND	mg/kg	0 0022	1 0	4/16/05	1 49	Adams	8260B	1949
Toluene	0 0038	mg/kg	0 0022	1 0	4/16/05	1 49 J	Adams	8260B	1949
Xylenes (Total)	0 0121	mg/kg	0 0022	1 0	4/16/05	1 49 J	Adams	8260B	1949
Methyl tert butyl ether	0 0057	mg/kg	0 0022	1 0	4/16/05	1 49 J	Adams	8260B	1949
METALS									
Lead	9 00	mg/kg	0 98	1 0	4/15/05	14 44	G McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	4 57 g	5 0 m	4/14/05	12 00	N Noman	5035

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A53000
Sample ID S-12
Project 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5 38 g	10 0 ml	4/15/05	13 30	J Freeman	5035

Surrogate	% Recovery	Target Range
UST surr Trifluorotoluene	104	56 145
VOA Surr 1 2 DCAd4	91	72 125
VOA Surr Toluene d8	94	80 124
VOA Surr 4 BFB	91	25 185
VOA Surr DBFM	94	73 124

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-A53001
Sample ID S-13
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 12 11
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	77 2	%		1 0	4/15/05		A Runnels	CLP	58
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	9 67	1 0	4/16/05	5 54	H Wagner	8015B	675
VOLATILE ORGANICS									
Benzene	0 0 49	mg/kg	0 0019	1 0	4/16/05	2 08	J Adams	8260B	1949
Ethylbenzene	0 0029	mg/kg	0 0019	1 0	4/16/05	2 08	J Adams	8260B	1949
Toluene	0 0029	mg/kg	0 0019	1 0	4/ 6/05	2 08	J Adams	8260B	1949
Xylenes (Total)	0 0065	mg/kg	0 0019	1 0	4/16/05	2 08	J Adams	8260B	1949
Methyl t butyl ether	0 0039	mg/kg	0 0019	1 0	4/ 6/05	2 08	J Adams	8260B	1949
METALS									
Lead	3 0	mg/kg	0 99	1 0	4/ 5/05	14 44	G McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vo	Date	Time	Analyst	Method
Volatile Organics	5 25 g	5 0 ml	4/14/05	2	A Noman	5035

Sample eport con inued

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ANALYTICAL REPORT

Laboratory Number 05-A53001
Sample ID S-13
Project 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5 17 g	10 0 ml	4/15/05	13 30	J Freeman	5035

Surrogate	% Recovery	Target Range	
UST surr Trifluorotoluene	99	56	145
VOA Surr 1 2 DCAd4	92	72	125
VOA Surr Toluene d8	95	80	124
VOA Surr 4 BFB	87	25	185
VOA Surr DBFM	96	73	124

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-A53002
Sample ID S-15
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 12 24
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	96 0	%		1 0	4/15/05		A Runnels	CLP	58
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	10 2	1 0	4/16/05	6 23	H Wagner	8015B	675
VOLATILE ORGANICS									
Benzene	ND	mg/kg	0 0019	1 0	4/16/05	2 28	J Adams	8260B	1949
Ethylbenzene	ND	mg/kg	0 0019	1 0	4/16/05	2 28	J Adams	8260B	1949
Toluene	ND	mg/kg	0 0019	1 0	4/16/05	2 28	J Adams	8260B	1949
Xylenes (Total)	ND	mg/kg	0 0019	1 0	4/16/05	2 28	J Adams	8260B	1949
Methyl t butyl ether	ND	mg/kg	0 0019	1 0	4/16/05	2 28	J Adams	8260B	1949
METALS									
Lead	2 76	mg/kg	0 99	1 0	4/15/05	14 44	G McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extrac Vol	Date	Time	Analyst	Method
Volatile Organics	5 34 g	5 0 ml	3/30/05	2 24	N Noman	5035

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A53002
Sample ID S-15
Project 25881-02

Sample Extraction Da a

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Me hod
B~X Prep	4 91 g	10 0 ml	4/15/05	13 30	J Freeman	5035

Surrogate	% Recovery	Target Range	
UST surr ~ri luorotoluene	77	56	145
VOA Surr 1 2 DCAd4	88	72	125
VOA Surr Toluene d8	91	80	124
VOA Surr 4 BFB	83	25	185
VOA Surr DBFM	93	73	124

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Purchase Order

Lab Number 05-A53003
Sample ID S-16
Sample Type Soil
Site ID 5-0608

Date Collected 4/14/05
Time Collected 12 20
Date Received 4/15/05
Time Received 7 45
Page 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	97 1	%		0	4/15/05		A Runnels	CLP	58
ORGANIC PARAMETERS									
TPH (Gasoline Range)	ND	mg/kg	9 73	1 0	4/16/05	6 51	H Wagner	8015B	675
VOLATILE ORGANICS									
Benzene	ND	mg/kg	0 0020	0	4/16/05	2 47	J Adams	8260B	1949
Ethylbenzene	ND	mg/kg	0 0020	1 0	4/16/05	2 47	J Adams	8260B	1949
Toluene	ND	mg/kg	0 0020	1 0	4/16/05	2 47	J Adams	8260B	1949
Xylenes (Total)	0 0037	mg/kg	0 0020	1 0	4/16/05	2 47	J Adams	8260B	1949
Methyl t butyl ether	ND	mg/kg	0 0020	1 0	4/16/05	2 47	J Adams	8260B	1949
METALS									
Lead	1 99	mg/kg	1 00	1 0	4/15/05	14 44	G McCord	6010B	61

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vo	Date	Time	Analyst	Method
Volatile Organics	5 09 g	5 0 ml	3/30/05	12 20	N Noman	5035

Sample report continued

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ANALYTICAL REPORT

Laboratory Number 05-A53003
Sample ID S-16
Project 25881-02

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5 14 g	10 0 ml	4/ 5/05	13 30	J Freeman	5035

Surrogate	% Recovery	Target Range	
UST Surr Trifluoro oluene	8	56	145
VOA Surr 1 2 DCAd4	87	72	25
VOA Surr Toluene d8	93	80	24
VOA Surr 4 BFB	86	25	85
VOA Surr DBFM	92	73	124

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 1
Laboratory Receipt Date 4/15/05

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		QC Batch	Spike Sample
UST ANALYSIS									
TPH (Gasoline Range)	mg/kg	5 00	6 33	10 0	63	52	150	2154	53294
TPH (Diesel Range)	mg/kg	10 0	32 5	40 0	81	28	143	1583	blank
2 Methylnapthalene	mg/kg	0 066	1 39	1 67	83	30	122	1547	52493
Naphthalene	mg/kg	0 066	1 39	1 67	83	23	1 1	547	52493
Acenaphthene	mg/kg	0 066	42	1 67	85	41	112	1547	52493
Anthracene	mg/kg	0 066	1 62	1 67	97	47	123	1547	52493
Fluoranthene	mg/kg	0 066	1 58	1 67	95	45	126	1547	52493
Fluorene	mg/kg	0 066	48	1 67	89	38	121	1547	52493
Pyrene	mg/kg	0 066	1 55	1 67	93	38	141	1547	52493
Benzo(a)anthracene	mg/kg	0 066	1 62	1 67	97	36	38	1547	52493
Benzo(a)pyrene	mg/kg	0 066	1 65	1 67	99	34	138	1547	52493
Benzo(b)fluoranthene	mg/kg	0 066	1 55	1 67	93	30	137	1547	52493
Benzo(k)fluoranthene	mg/kg	0 066	1 72	1 67	103	28	142	1547	52493
Chrysene	mg/kg	0 066	1 52	67	91	33	137	1547	52493
Dibenzo(a,h)anthracene	mg/kg	0 066	1 58	1 67	95	19	149	1547	52493
Indeno(1,2,3-cd)pyrene	mg/kg	0 066	1 55	1 67	93	21	146	1547	52493
Acenaphthylene	mg/kg	0 066	1 55	67	93	42	116	1547	52493
Phenanthrene	mg/kg	0 066	1 48	1 67	89	42	123	1547	52493
VOA PARAMETERS									
Benzene	mg/l	0 0010	0 0583	0 0500	117	62	146	1338	52471
Benzene	mg/kg	0 0030	0 0416	0 0500	77	53	36	1949	50730
Benzene	mg/kg	0 0040	0 0530	0 0500	98	53	136	1943	05 A50986
Toluene	mg/l	0 0010	0 0625	0 0500	125	68	141	1338	52471
Toluene	mg/kg	0 0052	0 0438	0 0500	77	43	139	1949	50730
Toluene	mg/kg	0 0054	0 05 4	0 0500	92	43	139	943	05 A50986
VOA Surr 1,2 DCAd4	% Rec				86	72	25	1949	

Project QC continued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 2
Laboratory Receipt Date 4/15/05

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 Samp
VOA Surr 1 2 DCAd4	% Rec				80	72	125	1943	
VOA Surr Toluene d8	% Rec				97	80	124	1949	
VOA Surr Toluene d8	% Rec				90	80	124	1943	
VOA Surr 4 BFB	% Rec				11	25	185	1949	
VOA Surr 4 BFB	% Rec				95	25	185	1943	
VOA Surr DBFM	% Rec				95	73	124	1949	
VOA Surr DBFM	% Rec				95	73	124	1943	
METALS									
Arsenic	mg/kg	0 98	19 0	20 0	95	75	125	61	52988
Barium	mg/kg	86 3	475	400	97	75	125	61	52988
Cadmium	mg/kg	0 98	18 0	20 0	90	75	125	61	52988
Chromium	mg/kg	7 05	42 9	40 0	90	75	125	61	52988
Lead	mg/kg	6 07	101	100	95	75	125	61	52988
Mercury	mg/kg	0 0985	0 177	0 170	104	77	130	50	05 A53008
Selenium	mg/kg	< 1 96	15 3	20 0	76	75	125	61	52988
Silver	mg/kg	0 98	8 63	10 0	86	75	125	61	52988

Matrix Spike Duplicate

Analyte	units	Orig Val	Duplicate	RPD	Limit	Q C Batch
UST PARAMETERS						
TPH (Gasoline Range)	mg/kg	6 33	6 99	9 91	39	2154
TPH (Diesel Range)	mg/kg	32 5	34 1	4 80	5	1583
Naphthalene	mg/kg	1 39	45	4 23	37	1547
Acenaphthene	mg/kg	1 42	52	6 80	34	547
Anthracene	mg/kg	1 62	1 72	5 99	28	1547

Project QC continued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 3
Laboratory Receipt Date 4/15/05

Matrix Spike Duplicate

Analyte	units	Orig Val	Dup icate	RPD	Limit	Q C Batch
Fluoran hene	mg/kg	58	1 68	6 13	33	1547
Fluorene	mg/kg	1 48	1 58	6 54	30	1547
Pyrene	mg/kg	1 55	1 62	4 42	33	1547
Benzo(a)anthracene	mg/kg	1 62	1 72	5 99	31	1547
Benzo(a)pyrene	mg/kg	1 65	1 75	5 88	3	1547
Benzo(b) luoranthene	mg/kg	1 55	1 65	6 25	40	1547
Benzo(k)fluoranthene	mg/kg	1 72	1 72	0 00	33	1547
Chrysene	mg/kg	1 52	1 58	3 87	31	1547
Dibenzo(a h)anthracene	mg/kg	1 58	1 68	6 13	34	1547
Indeno(1 2 3 cd)pyrene	mg/kg	1 55	1 65	6 26	34	1547
Acenaphthylene	mg/kg	1 55	1 58	1 92	30	1547
Phenan hrene	mg/kg	1 48	1 55	4 62	33	1547
2 Methylnapthalene	mg/kg	1 39	1 52	8 93	41	1547
VOA PARAME ERS						
Benzene	mg/l	0 0583	0 0563	3 49	25	1338
Benzene	mg/kg	0 0416	0 0460	10 05	34	1949
Benzene	mg/kg	0 0530	0 0410	25 53	34	1943
Toluene	mg/l	0 0625	0 0580	7 47	29	1338
Toluene	mg/kg	0 0438	0 0485	10 18	39	1949
Toluene	mg/kg	0 0514	0 0396	25 93	39	1943
VOA Surr 2 DCA d4	% Rec		94			1338
VOA Surr 1 2 DCAd4	% Rec		79			1949
VOA Surr 1 2 DCAd4	% Rec		76			1943
VOA Surr Toluene d8	% Rec		101			1338
VOA Surr Toluene d8	% Rec		96			1949
VOA Surr Toluene d8	% Rec		92			1943
VOA Surr 4 BFB	% Rec		105			1338
VOA Surr 4 BFB	% Rec		04			1949
VOA Surr 4 BFB	% Rec		92			1943
VOA Surr DBFM	% Rec		97			1338
VOA Surr DBFM	% Rec		85			1949

Project QC continued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 4
Laboratory Receipt Date 4/15/05

Matrix Spike Duplicate

Analyte	units	Orig Val	Duplica e	RPD	Limit	Q C Batch
VOA Surr DBFM	% Rec		75			1943
METALS						
Arsenic	mg/kg	19 0	19 6	3 11	20	61
Barium	mg/kg	475	464	2 34	20	61
Cadmium	mg/kg	18 0	17 5	2 82	20	61
Chromium	mg/kg	42 9	41 5	3 32	20	6
Lead	mg/kg	101	97 7	3 32	20	6
Mercury	mg/kg	0 177	0 154	13 90	20	50
Selenium	mg/kg	15 3	15 5	1 30	20	61
Silver	mg/kg	8 63	8 25	4 50	20	61

Laboratory Con rol Data

Analyte	units	Known Val	Analyzed Va	% Recovery	Target Range		Q C Batch
UST PARAMETERS							
TPH (Gasoline Range)	mg/kg	10 0	9 66	97	74	127	675
TPH (Gasoline Range)	mg/kg	10 0	9 62	96	74	127	2154
TPH (Dies l Range)	mg/kg	40 0	35	88	54	126	1583
2 Methylnapthalene	mg/kg	1 67	1 72	103	48	111	1547
UST PARAMETERS							
Naphthalene	mg/kg	1 67	1 68	101	43	107	1547
Acenaphthene	mg/kg	67	72	103	52	08	1547
Anthracene	mg/kg	67	91	14	56	123	1547
Fluoranthene	mg/kg	67	1 85	111	58	118	1547
Fluorene	mg/kg	1 67	1 75	105	50	115	1547
Pyrene	mg/kg	1 67	1 75	105	39	141	1547
Benzo(a)an hracene	mg/kg	1 67	1 88	113	4	38	1547

Project QC contin ed

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 5
Laboratory Receipt Date 4/15/05

Laboratory Control Data

Analyte	units	Known Val	Analyzed Val	% Recovery	Target Range	QC Batch
Benzo(a)pyrene	mg/kg	67	1 95	117	39 138	1547
Benzo(b)fluoranthene	mg/kg	67	1 68	101	34 136	1547
Benzo(k)fluoranthene	mg/kg	67	1 98	119	32 142	1547
Chrysene	mg/kg	1 67	1 72	103	38 135	1547
Dibenzo(a h)anthracene	mg/kg	1 67	1 82	109	25 149	1547
Indeno(1 2 3 cd)pyrene	mg/kg	1 67	1 82	109	25 146	1547
Ac naphthylene	mg/kg	1 67	1 85	111	54 111	1547
Phenanthrene	mg/kg	67	1 72	103	55 115	1547
VOA PARAMETERS						
Ben ene	mg/l	0 0500	0 0546	109	76 127	1338
Benzene	mg/kg	0 0500	0 0529	106	76 124	1943
Benzene	mg/kg	0 0500	0 0439	88	76 124	1949
E hylbenzene	mg/l	0 0500	0 0576	115	80 124	1338
E hylbenzene	mg/kg	0 0500	0 0535	107	70 128	1943
E hylbenzene	mg/kg	0 0500	0 0496	99	70 128	1949
Toluene	mg/l	0 0500	0 0551	110	79 124	1338
Toluene	mg/kg	0 0500	0 0524	105	72 125	1943
Toluene	mg/kg	0 0500	0 0480	96	72 125	1949
Xylenes (Total)	mg/l	0 150	0 174	116	80 125	1338
Xylenes (Total)	mg/kg	0 150	0 162	108	71 129	1943
Xylenes (Tota)	mg/kg	0 50	0 148	99	7 129	1949
Methyl t butyl ether	mg/l	0 0500	0 0529	106	66 136	1338
Methyl t butyl ethe-	mg/kg	0 0500	0 0500	100	67 138	1943
Methyl t bu yl ether	mg/kg	0 0500	0 0404	81	67 138	1949
VOA Surr 1 2 DCA d4	% Rec			93	70 130	338
VOA Sur 1 2 DCAd4	% Rec			85	72 125	943
VOA Surr 1 2 DCAd4	% Rec			67	72 125	949
VOA Sur- Toluene d8	% Rec			102	78 121	338
VOA Surr Toluene d8	% Rec			93	80 124	1943
VOA Surr Toluene d8	% Rec			93	80 124	1949
VOA Surr 4 BFB	% Rec			101	78 126	1338

Project QC continued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 6
Laboratory Receipt Date 4/15/05

Laboratory Control Data

Analyte	units	Known Val	Analyzed Val	% Recovery	Target Range		Q C Batch
VOA Surr 4 BFB	% Rec			87	25	185	1943
VOA Surr 4 BFB	% Rec			87	25	185	1949
VOA Surr DBFM	% Rec			99	79	122	1338
VOA Surr DBFM	% Rec			91	73	124	1943
VOA Surr DBFM	% Rec			75	73	124	1949
METALS							
Arsenic	mg/kg	20 0	18 2	91	80	120	6
Barium	mg/kg	400	392	98	80	120	61
Cadmium	mg/kg	20 0	18 8	94	80	120	61
Chromium	mg/kg	40 0	38 2	96	80	120	61
Lead	mg/kg	100	95 0	95	80	20	61
Mercury	mg/kg	0 170	0 197	116 #	85	15	50
Selenium	mg/kg	20 0	16 8	84	80	120	61
Silver	mg/kg	10 0	9 20	92	75	125	61

Duplicates

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

Blank Data

Analyte	Blank Value	U its	Q C Batch	Date Analyzed	Time Analyzed

US" PARAME"ERS

Project QC continued

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PROJECT QUALITY CONTROL DATA
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Laboratory Receipt Date 4/15/05

Blank Data

Analyte	Blank Value	Units	Q C Batch	Analysis Date	Analysis Time
TPH (Gasoline Range)	0 52	mg/kg	675	4/16/05	0 41
TPH (Gasoline Range)	0 52	mg/kg	2 54	4/16/05	12 26
TPH (D esel Range)	10 0	mg/kg	1583	4/16/05	21 25
Naphthalene	0 066	mg/kg	1547	4/17/05	4 22
Acenaph hene	0 066	mg/kg	1547	4/17/05	4 22
Anthracene	0 066	mg/kg	1547	4/17/05	4 22
Fluo~an hene	0 066	mg/kg	1547	4/17/05	4 22
Fluorene	0 066	mg/kg	1547	4/17/05	4 22
Pyrene	0 066	mg/kg	1547	4/17/05	4 22
Benzo(a)anthracene	0 066	mg/kg	1547	4/17/05	4 22
Benzo(a)pyrene	0 066	mg/kg	1547	4/17/05	4 22
Benzo(b)fluoranthene	0 066	mg/kg	1547	4/ 7/05	4 22
Benzo(k) luoranthene	0 066	mg/kg	1547	4/17/05	4 22
Ch~ysene	0 066	mg/kg	1547	4/17/05	4 22
Dibenzo(a h)anthracene	0 066	mg/kg	1547	4/17/05	4 22
Indeno(1 2 3 cd)pyrene	0 066	mg/kg	1547	4/17/05	4 22
Acenaphthylene	0 066	mg/kg	1547	4/17/05	4 22
Phenan hrene	0 066	mg/kg	1547	4/17/05	4 22
2 Methylnapthalene	0 066	mg/kg	1547	4/17/05	4 22
UST surr Trifluorotoluene	69	% Recovery	675	4/16/05	0 41
LST su~r Trifluorotoluene	78	% Recovery	2154	4/16/05	12 26
EPH surr o Terpheny'	97	% Recovery	1583	4/16/05	21 25
VOA PARAMETERS					
Berzene	0 0003	mg/l	1338	4/ 5/05	16 33
Benzene	0 0008	mg/kg	1943	4/15/05	9 45
Benzene	< 0 0008	mg/kg	1949	4/15/05	23 13
Ethylbenzene	0 0002	mg/l	1338	4/15/05	16 33
Ethylbenzene	0 0005	mg/kg	1943	4/15/05	9 45
Ethylbenzene	0 0005	mg/kg	1949	4/ 5/05	23:13
To uene	0 0002	mg/l	1338	4/15/05	16 33
Toluene	0 0005	mg/kg	1943	4/15/05	9 45

Project QC continued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 8
Laboratory Receipt Date 4/15/05

Blank Data

Analyte	Blank Value	Units	Q C Batch	Analysis Date	Analysis Time
Toluene	0 0005	mg/kg	1949	4/15/05	23 13
Xylenes (Total)	0 0006	mg/l	1338	4/15/05	16 33
Xylenes (Total)	0 0013	mg/kg	1943	4/15/05	9 45
Xylenes (Total)	0 0013	mg/kg	1949	4/15/05	23 13
Methyl t butyl ether	0 0002	mg/l	1338	4/15/05	16 33
Methyl t bu yl ether	< 0 0009	mg/kg	1943	4/15/05	9 45
Methyl t butyl ether	0 0009	mg/kg	1949	4/15/05	23 13
VOA Surr 1 2 DCA d4	96	% Rec	1338	4/15/05	16 33
VOA Surr 1 2 DCAd4	83	% Rec	1943	4/15/05	9 45
VOA Surr 1 2 DCAd4	84	% Rec	1949	4/15/05	23 13
VOA Surr Toluene d8	102	% Rec	1338	4/15/05	16 33
VOA Surr Toluene d8	97	% Rec	1943	4/15/05	9 45
VOA Surr Toluene d8	94	% Rec	1949	4/15/05	23 13
VOA Surr 4 BFB	111	% Rec	1338	4/15/05	16 33
VOA Surr 4 BFB	86	% Rec	1943	4/15/05	9 45
VOA Surr 4 BFB	87	% Rec	1949	4/15/05	23 13
VOA Surr DBFM	98	% Rec	1338	4/15/05	16 33
VOA Surr DBFM	87	% Rec	1943	4/15/05	9 45
VOA Surr DBFM	90	% Re	1949	4/15/05	23 3
METALS					
Arsenic	0 70	mg/kg	61	4/15/05	14 44
Barium	0 20	mg/kg	6	4/15/05	14 44
Cadmium	0 0	mg/kg	6	4/15/05	14 44
Chromium	0 40	mg/kg	61	4/15/05	14 44
Lead	0 50	mg/kg	61	4/15/05	14 44
Mercury	0 0330	mg/kg	50	4/16/05	12 17
Selenium	1 90	mg/kg	61	4/15/05	4 44
Silver	0 50	mg/kg	61	4/15/05	14 44

Project QC continued

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PROJECT QUALITY CONTROL DATA
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= Value outside Laboratory historical or method prescribed QC limits

End of Report for Project 4 2801

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville Division

COOLER RECEIPT FORM

BC# 412801

Client Name: CRA

Cooler Received/Opened On 4/15/05 Accessioned By: Shane Gambill

Log-in Personnel Signature

1 Temperature of Cooler when triaged: 20 Degrees Celsius

2 Were custody seals on outside of cooler? YES NO NA

a. If yes, how many and where 1 Front

3 Were custody seals on containers? 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. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

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

19 If a Non Conformance exists see attached or comments below:

2957/2968

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville TN 37204

CHAIN OF CUSTODY RECORD

Toll Free 800-765-0980
Fax 615-726-3404

~1079

ExxonMobil

412801

Consultant Name: CRA
Address: 4915 S Sherwood Forest Blvd
City/State/Zip: Baton Rouge, LA
Phone Number: (225) 292 9007 / fax (225) 292 3614
ExxonMobil Project Mgr: Dale Gomm

Consultant Project Number: 25881-02
Report To: Seth Domangue, CRA
Invoice To: ExxonMobil
Account #:
P O #: 4506101878
Facility ID #: Former Exxon 5-0608
Site Address: 4555 Essen Lane
City State Zip: Baton Rouge Louisiana

Sampler Name (Print): Cliff D Corder
Sampler Signature:

Sample ID / Description	Date Sampled	Time Sampled	No of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H2SO Plastic (Yellow Label)	H2SO Glass(Yellow Label)	None (Black Label)	Methanol/Sodium Bisulfate	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: BTEX/MTBE 8260B	LEAD 6010B	TPH-GRO (C6-C10) 8015B	RCRA Metals 6000/7000	TPH ORO 8015B	TPH DRO(C10-C28) 8015B	PAHs 8270C	Hold for possible SPLP					RUSH TAT (Pre-Schedule)	TAT request (4 Bus Days)	STD TAT	Fax Results
S 1 52992	04/14/05	0940	7	x			x							x					x		x	x	x					x					x			x
S 2 93	04/14/05	0949	7	x			x							x					x		x	x	x					x					x			x
S 3 94	04/14/05	1000	7	x			x							x					x		x	x	x					x					x			x
S-4 52988	04/14/05	1006	7	x			x							x					x					x		x	x	x					x			x
S 5 95	04/14/05	1011	7	x			x							x					x		x	x	x					x					x			x
S 6 96	04/14/05	1030	7	x			x							x					x		x	x	x					x					x			x
S 7 97	04/14/05	1040	7	x			x							x					x		x	x	x					x					x			x
S 8 98	04/14/05	1050	7	x			x							x					x		x	x	x					x					x			x
S 9 52989	04/14/05	1100	7	x			x							x					x					x		x	x	x					x			x
S 10 V98	04/14/05	1104	7	x			x							x					x					x		x	x	x					x			x
S 11 99	04/14/05	1140	7	x			x							x					x		x	x	x					x					x			x
S 12 53000	04/14/05	1200	7	x			x							x					x		x	x	x					x					x			x
S 13 V01	04/14/05	1211	7	x			x							x					x		x	x	x					x					x			x
S 14 52991	04/14/05	1114	7	x			x							x					x					x		x	x	x					x			x

Special Instructions

FedEx No: 845417652957 845417652968

Relinquished by	Date	Time	Received by	Date	Time
	04/14/05	1420	Fed Ex Courier		
Relinquished by	Date	Time	Received by TestAmerica	Date	Time
				4/15/05	0945

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

LDEQ EDMS Document 33113788 Page 74 of 98

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville TN 37204

CHAIN OF CUSTODY RECORD

Toll Free 800-765-0980
Fax 615-726-3404

ExxonMobil

412801

Consultant Name: CRA
Consultant Project Number: 25881 02
Address: 4915 S Sherwood Forest Blvd
Report To: Seth Domangue, CRA
City/State/Zip: Baton Rouge, LA
Invoice To: ExxonMobil
Phone Number: (225) 292 9007 / fax (225) 292 3614
Account #:
ExxonMobil Project Mgr: Dale Gomm
EWR #: 4506101878
Facility ID #: Former Exxon 5-0608
Sampler Name (Print): Cliff D Corder
Site Address: 4555 Essen Lane
Sampler Signature:
City State Zip: Baton Rouge Louisiana

REVISED

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 Plastic (Yellow Label)	H_2SO Glass(Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: BTEX/MTBE 8260B	LEAD 6010B	TPH-GRO (C6-C10) 8015B	RCRA Metals 6000/7000	TPH ORO 8015B	TPH ORO(C10-C28) 8015B	PAHs 8270C	Hold for possible SPLP	RUSH TAT (Pre-Schedule)	TAT request (4 Bus Days)	STD TAT	Fax Results
S 15 53002	03/30/05	1224	7	x			x							x					x		x	x	x					x	x			x
S 16 ↓03	03/30/05	1220	7	x			x							x					x		x	x	x					x	x			x
Trip Blank 52966			1				x		x								x				x								x			x
Trip Blank ↓87			1				x		x								x				x								x			x

Special Instructions

FedEx No see page 1

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

Relinquished by	Date	Time	Received by	Date	Time
	04/14/05	1430	FedEx Courier		
Relinquished by	Date	Time	Received by TestAmerica	Date	Time
				4/15/05	745

TestAmerica
ANALYTICAL TESTING CORPORATION

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

4/18/05

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

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

Project Name EXXONMOBIL 5-0608
Project Number 25881-02
Laboratory Project Number 412801

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 accreditation

Sample Identification	Lab Number	Collection Date
Trip Blank	05-A52986	
Trip Blank	05-A52987	
S-4	05 A52988	4/14/05
S 9	05 A52989	4/14/05
S-10	05-A52990	4/14/05
S-14	05 A52991	4/14/05
S 1	05 A52992	4/14/05
S 2	05 A52993	4/14/05
S 3	05-A52994	4/14/05
S 5	05-A52995	4/14/05
S 6	05-A52996	4/14/05
S 7	05 A52997	4/14/05
S 8	05 A52998	4/14/05
S 11	05 A52999	4/14/05
S-12	05 A53000	4/14/05
S-13	05 A53001	4/14/05

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ANALYTICAL TESTING CORPORATION

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Sample Identification	Lab Number	Collection Date
S-15	05-A53002	4/14/05
S-16	05-A53003	4/14/05

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Report Approved By Roxanne L Connor Report Date 4/18/05

Johnny A Mitchell Laboratory Director
Michael H Dunn M S Technical Director
Pamela A Langford Senior Project Manager
Eric S Smith QA/QC Director
Sandra McMillin Technical Services
Gail A Lage Senior Project Manager
Glenn L Norton Technical Services
Kelly S Comstock Technical Services
Roxanne L Connor Senior Project Manag

Laboratory Certification Number 01945

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Lab Number 05-A55007
Sample ID S-2
Sample Type Solid waste
Site ID 5-0608

Date Collected 4/14/05
Time Collected 9 49
Date Received 4/19/05
Time Received 7 45
Page 1

Purchase Order

Analyte	Result	Units	Report Limit	Quant Limit	Dil Factor	Date	Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
Benzene	0 00210	mg/l	0 00100	0 00100	1	4/24/05	10:30	F Gundi	8021B	8078
Methyl t butylether	0 0007	mg/l	0 0010	0 0010	1	4/24/05	10 30	F Gundi	8021B	8078
TPH (Gasoline Range)	3 99	mg/l	0 100	0 100	1	4/24/05	10 30	F Gundi	8015D	8078

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
SPLP Extraction			4/20/05		B Minor	1312

Surrogate	% Recovery	Target Range	
BTEX/GRO Surr a a a TFT	99	63	34

Sample report continued

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

Laboratory Number 05-A55007
Sample ID S-2
Project 25881-02

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

Project 25881-02
Project Name EXXONMOBIL 5-0608
Sampler CLIFF D CORDER

Lab Number 05-A55008
Sample ID S-7
Sample Type Solid waste
Site ID 5-0608

Date Collected 4/14/05
Time Collected 10 40
Date Received 4/19/05
Time Received 7 45
Page 1

Purchase Order

Analyte	Result	Units	Report Limit	Quan Limit	Dl Factor	Date	Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
Benzene	ND	mg/l	0 00100	0 00100	1	4/23/05	17 43	F Gundi	8021B	42 6
Me hyl t bu yle her	ND	mg/l	0 0010	0 0010	1	4/23/05	7 43	F Gundi	8021B	4216

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extrac Vol	Date	Time	Analyst	Method
SPLP Extraction			4/20/05		B Minor	3 2

Surrogate	% Recovery	Target Range
BTEX/GRO Surr a a a TFT	95	63 134

Sample repo continued

TestAmerica
ANALYTICAL TESTING CORPORATION

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ANALYTICAL REPORT

Laboratory Number 05-A55008
Sample ID S-7
Project 25881-02

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
** = NELAC E87358 Certified Analyte
All results reported on a wet weight basis

End of Sample Report

TestAmerica
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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 1
Laboratory Receipt Date 4/19/05

Matrix Spike Recovery

Note: f Blank is referenced as the sample spiked nsu ficient vo ume was received for the defined analytical batch or MS/MSD analysis on an ue sample ma r x Labora ory reagent wa er was used for QC purposes

Analyte	uni s	Orig Val	MS Val	Spike Conc	Recovery	Target Range		Q C Batch	Spike Sample
UST ANALYS S									
Benzene	mg/l	0 00019	0 0418	0 0500	84	50	160	4216	blank
Methyl t butylether	mg/l	0 0002	0 0409	0 0500	82	36	159	4216	blank
B"EX/GRO Surr a a a TFT	% Recovery				98	63	134	4216	

Matrix Spike Duplica e

Analyte	uni s	Orig Val	Duplicate	RPD	Limit	Q C Batch
UST PARAMETERS						
Benzene	mg/l	0 0418	0 0462	10 00	30	4216
Methyl buty e her	mg/l	0 0409	0 044	7 53	34	4216
B"EX/GRO Surr a a a TF"	% Recovery		97			4216

Laboratory Control Data

Analyte	un ts	Known Val	Analyzed Val	% Recovery	Target Range		Q C Batch
UST PARAMETERS							
Benzene	mg/l	0 100	0 0907	91	72	118	4216
Benzene	mg/l	0 100	0 0907	91	72	118	8078

Project QC continued

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 2
Laboratory Receipt Date 4/19/05

Laboratory Control Data

Analyte	units	Known Val	Analyzed Val	% Recovery	Targe	Range	Q C Batch
Methyl t butyle her	mg/l	0 100	0 0866	87	57	127	4216
Methyl t butyle her	mg/l	0 100	0 0834	83	57	127	8078
TPH (Gasoline Range)	mg/l	1 00	0 967	97	64	130	8078
BTEX/GRO Surr a a a TFT	% Recovery			98	63	134	4216
BTEX/GRO Su~r a a a TFT	% Recovery			99	63	134	8078

Duplicates

Analyte	units	Orig Val	Duplica e	RPD	Limit	Q C Batch	Sample Dup d

Blank Data

Analyte	Blank Value	Unit	Q C Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	0 00019	mg/	4216	4/23/05	17 19
Benzene	0 00019	mg/l	8078	4/24/05	4 40
Methy t butylether	0 0002	mg/	4216	4/23/05	17 19
Me hy' t butylether	0 0002	mg/'	8078	4/24/05	4 40
TPH (Gasoline Range)	0 0550	mg/l	8078	4/24/05	4 40

Project QC cont nued

TestAmerica
ANALYTICAL TESTING CORPORATION

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PROJECT QUALITY CONTROL DATA
Project Number 25881-02
Project Name EXXONMOBIL 5-0608
Page 3
Laboratory Receipt Date 4/19/05

BTEX/GRO Surr	a a a TFT	94	% Recovery	4216	4/23/05	17 19
BTEX/GRO Surr	a a a TFT	96	% Recovery	8078	4/24/05	4 40

\# Value outside Laboratory historical or method prescribed QC limits

End o Report for Project 413252

Sample Range 52986-53003
Analyst 197

Process Add Compounds (not requested on COC)
Action Corrected action not chosen

Comments Per an email from Seth Domangue Please run the following samples for SPLP benzene and SPLP MTBE

S-2 52993 SOIL 4V 3-20Z
S-7 52997 SOIL 4U - 3 20Z

In addition please run sample S 2 for SPLP TPH-GRO

Please attach this email to the signed lab report to serve as authorization for the above referenced analyses Call with questions

Thanks in advance

Seth Domangue

SCOTT OR THOMAS, COULD YOU FIND THESE AND GIVE THEM TO SHANE

THANKS
SHANNON

N212
N287

TestAmerica
NCO QUALITY

Sample NonConformance/COC Revision Form

Initiated by	aduncan	Phone:	225-292 9007	NC Closed	☐
Client Name:	CONESTOGA RO	Sample Range	52986-53003	Date Closed	
Client Contact		SDG	412801		
Client Account	10318	Analyst	197		
Date Created	4/19/2006	Supervisor	Mark Hollingsworth		
NC #:		NC Type:			
Project Name:		Terminal Manager	QALE GOMM		
Project Number:					
Project Origin					
Regulatory					

Process Add Compounds (not requested on COC) Corrected By Shane Gambill

Action Corrected action not chosen Closed ☐

Comments

Per an email from Seth Domangue Please run the following samples for SPLP benzene and SPLP MTBE

S 2
S 7

In addition please run sample S 2 for SPLP TPH-GRO

Please attach this email to the signed lab report to serve as authorization for the above referenced analyses Call with questions

Thanks in advance

Seth Domangue

TestAmerica
ANALYTICAL TESTING CORPORATION
Nashville Division

COOLER RECEIPT FORM

BC#—

413252

Client Name: CRA

Cooler Received/Opened On: 4/15/05 Accessioned By: Shane Gambill

Log-in Personnel Signature

1 Temperature of Cooler when triaged: 3.0 Degrees Celsius

2 Were custody seals on outside of cooler? .. YES NO NA

a. If yes, how many and where: 1 Front

3 Were custody seals on containers? ..... 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 Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

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

19 If a Non Conformance exists, see attached or comments below:

2497/2968

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

CHAIN OF CUSTODY RECORD
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

412801 - 11/4/05

413252

Consultant Name: CRA
Address: 4915 S. Sherwood Forest Blvd.
City/State/Zip: Baton Rouge, LA
Phone Number: (225) 292-8007 / fax (225) 292-3614
exMobil Project Mgr: Dale Gorren

Consultant Project Number: 25881-02
Report To: Seth Domangue CRA
Invoice To: ExxonMobil
Account #:
P.O. #: 4506101878
Facility ID #: Former Exxon 5-0608
Site Address: 4555 Essen Lane
City State Zip: Baton Rouge, Louisiana

Sampler Name (Print): Cliff D Corder
Sampler Signature:

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)	Methanol/Sodium Bisulfate	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: BTEX/MTBE 8260B	LEAD 6010B	TPH-GRO (C6-C10) 8015B	RCRA Metals 6000/7000	TPH ORO 8015B	TPH DRO(C10-C28) 8015B	PAHs 8270C	Hold for possible SPLP					RUSH TAT (Pre-Schedule)	TAT request (4 Bus Days)	STD TAT	Fax Results
S-1	04/14/05	0940	7	x			x							x					x		x	x	x					x					x		x
S-2	04/14/05	0949	7	x			x							x					x		x	x	x					x					x		x
S-3	04/14/05	1000	7	x			x							x					x		x	x	x					x					x		x
S-4	04/14/05	1006	7	x			x							x					x					x		x	x	x					x		x
S-5	04/14/05	1011	7	x			x							x					x		x	x	x					x					x		x
S-6	04/14/05	1030	7	x			x							x					x		x	x	x					x					x		x
S-7	04/14/05	1040	7	x			x							x					x		x	x	x					x					x		x
S-8	04/14/05	1050	7	x			x							x					x		x	x	x					x					x		x
S-9	04/14/05	1100	7	x			x							x					x					x		x	x	x					x		x
S-10	04/14/05	1104	7	x			x							x					x					x		x	x	x					x		x
S-11	04/14/05	1140	7	x			x							x					x		x	x	x					x					x		x
S-12	04/14/05	1200	7	x			x							x					x		x	x	x					x					x		x
S-13	04/14/05	1211	7	x			x							x					x		x	x	x					x					x		x
S-14	04/14/05	1114	7	x			x							x					x					x		x	x	x					x		x

Special Instructions:

FedEx No. 895917652957 895917652968

Laboratory Comments:
Temperature Upon Receipt: 2.0
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

Relinquished by	Date	Time	Received by	Date	Time
	04/14/05	1420	Fed Ex Courier		
Relinquished by	Date	Time	Received by TestAmerica	Date	Time
				4/15/05	745

TestAmerica
ANALYTICAL TESTING CORPORATION

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

4/25/05

CONESTOGA ROVERS & ASSOC 10318
SETH DOMANGUE
4915 S SHERWOOD FOREST BLVD
BATON ROUGE, LA 70816

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

Project Name EXXONMOBIL 5-0608
Project Number 25881-02
Laboratory Project Number 413252

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 accreditation

Sample Identification	Lab Number	Collection Date
S 2	05 A55007	4/14/05
S-7	05 A55008	4/14/05

TestAmerica
ANALYTICAL TESTING CORPORATION

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

Sample Identification	Lab Number	Collection Date
- -- -------- - --	- -- --- -	- ----------

These results relate only to the items tested
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Report Approved By Pamela A Langford Report Date 4/25/05

Johnny A Mitchell Laboratory Director
Michael H Dunn M S Technical Director
Pamela A Langford Senior Project Manager
Eric S Smith QA/QC Director
Sandra McMillin Technical Services
Gail A Lage Senior Project Manager
Glenn L Norton Technical Services
Kelly S Comstock Technical Services
Roxanne L Connor Senior Project Manag

Laboratory Certification Number 01945

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THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

August 10 2007 8 08 01AM

Client Conestoga Rovers & Assoc (BR) / Exxon (10318)
4915 South Sherwood Forest Blvd
Baton Rouge LA 70816
Attn Cindy Smith

Work Order NQG2944
Project Name Exxon 5-0608 / 25881
Project Nbr Exxon 5-0608/25881
P/O Nbr 4507120916
Date Received 07/27/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
25881-072407 DP1(4-6)	NQG2944-01	07/24/07 08 15
25881-072407 DP1(8 10)	NQG2944 02	07/24/07 08 25
25881-072407 DP1(14-15)	NQG2944-03	07/24/07 08 40
25881 TB1	NQG2944-04	07/24/07 00 01
25881-072407 FB-1	NQG2944-05	07/24/07 00 01

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

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Louisiana Certification Number NELAP cert 01945 DW cert LA070020

The Chain(s) of Custody 2 pages are included and are an integral part of this report

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All solids results are reported in wet weight unless specifically stated
Estimated uncertainty is available upon request
This report has been electronically signed.
Report Approved By

Andi R Jones

Andi Jones

Project Management

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THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client	Conestoga-Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID NQG2944-01 (25881-072407 DP1(4-6) Soil) Sampled 07/24/07 08 15									
Total Metals by EPA Method 6010B									
Lead	6.85		mg/kg	0 956	1	08/01/07 19 01	SW846 6010B	CLO	7075294
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg	0 002	1	07/31/07 10 08	SW846 8260B	HP	7075140
Ethylbenzene	ND		mg/kg	0 007	1	07/31/07 10 08	SW846 8260B	HP	7075140
Methyl tert Butyl Ether	0.003		mg/kg	0 002	1	07/31/07 10 08	SW846 8260B	HP	7075140
Toluene	ND		mg/kg	0 002	1	07/31/07 10 08	SW846 8260B	HP	7075140
Xylenes, total	ND		mg/kg	0 005	1	07/31/07 10 08	SW846 8260B	HP	7075140
Surr 1 2 Dichloroethane-d4 (54 145%)	*101 %*					*07/31/07 10 08*	*SW846 8260B*	*HP*	*7075140*
Surr Dibromofluoromethane (67 129%)	*109 %*					*07/31/07 10 08*	*SW846 8260B*	*HP*	*7075140*
Surr Toluene-d8 (66-142%)	*107 %*					*07/31/07 10 08*	*SW846 8260B*	*HP*	*7075140*
Surr 4-Bromofluorobenzene (68-150%)	*112 %*					*07/31/07 10 08*	*SW846 8260B*	*HP*	*7075140*
Polyaromatic Hydrocarbons by EPA 8270C SIM									
Acenaphthene	ND		mg/kg	0.00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Acenaphthylene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Anthracene	ND		mg/kg	0.00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Benzo (a) anthracene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Benzo (a) pyrene	ND		mg/kg	0.00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Benzo (b) fluoranthene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Benzo (k) fluoranthene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Chrysene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Dibenz (a,h) anthracene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Fluoranthene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Fluorene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Indeno (1,2,3-cd) pyrene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
2 Methylnaphthalene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Naphthalene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Phenanthrene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Pyrene	ND		mg/kg	0 00329	1	08/01/07 17 32	SW846 8270CSIM	DAH	7075301
Surr Nitrobenzene-d5 (34-87%)	*44 %*					*08/01/07 17 32*	*SW846 8270CSIM*	*DAH*	*7075301*
Surr 2 Fluorobiphenyl (30-93%)	*63 %*					*08/01/07 17 32*	*SW846 8270CSIM*	*DAH*	*7075301*
Surr Terphenyl-d14 (49-125%)	*87 %*					*08/01/07 17 32*	*SW846 8270CSIM*	*DAH*	*7075301*
Extractable Petroleum Hydrocarbons									
Diesel	ND		mg/kg	4 99	1	08/02/07 15 27	SW846 8015B	bca	7075304
Surr o-Terphenyl (32 132%)	*132 %*					*08/02/07 15 27*	*SW846 8015B*	*bca*	*7075304*
Purgeable Petroleum Hydrocarbons									
>C6 to C8 Ali	ND		mg/kg	4 60	50	08/02/07 18 03	MADEP VPH	JHC	7080333
>C8 to C10 Ali	ND		mg/kg	4 60	50	08/02/07 18 03	MADEP VPH	JHC	7080333
>C8 to C10 Aro	ND		mg/kg	4 60	50	08/02/07 18 03	MADEP VPH	JHC	7080333
Surr 2,5-Dibromotoluene (FID) (70-130%)	*141 %*	*Z2*				*08/02/07 18 03*	*MADEP VPH*	*JHC*	*7080333*
Surr 2 5-Dibromotol ene (PID) (70-130%)	*117 %*					*08/02/07 18 03*	*MADEP VPH*	*JHC*	*7080333*

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID NQG2944-02 (25881-072407 DP1(8-10) Soil) Sampled 07/24/07 08 25									
Total Metals by EPA Method 6010B									
Lead	9.62		mg/kg	0 996	1	07/31/07 17.25	SW846 6010B	JLS	7075296
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg	0 002	1	07/31/07 10 40	SW846 8260B	HP	7075140
Ethylbenzene	ND		mg/kg	0 002	1	07/31/07 10 40	SW846 8260B	HP	7075140
Methyl tert Butyl Ether	0.003		mg/kg	0 002	1	07/31/07 10 40	SW846 8260B	HP	7075140
Toluene	ND		mg/kg	0 002	1	07/31/07 10 40	SW846 8260B	HP	7075140
Xylenes total	ND		mg/kg	0 005	1	07/31/07 10 40	SW846 8260B	HP	7075140
Surr 1 2 Dichloroethane-d4 (34 145%)	*106 %*					*07/31/07 10 40*	*SW846 8260B*	*HP*	*7075140*
Surr Dibromofluoromethane (67 129%)	*107 %*					*07/31/07 10 40*	*SW846 8260B*	*HP*	*7075140*
Surr Toluene-d8 (66-142%)	*113 %*					*07/31/07 10 40*	*SW846 8260B*	*HP*	*7075140*
Surr 4 Bromofluorobenzene (68 150%)	*118 %*					*07/31/07 10 40*	*SW846 8260B*	*HP*	*7075140*
Polyaromatic Hydrocarbons by EPA 8270C SIM									
Acenaphthene	ND		mg/kg	0 00325	1	08/01/07 17 53	SW846 8270CSIM	DAH	7075301
Acenaphthylene	ND		mg/kg	0 00325	1	08/01/07 17 53	SW846 8270CSIM	DAH	7075301
Anthracene	ND		mg/kg	0.00325	1	08/01/07 17 53	SW846 8270CSIM	DAH	7075301
Benzo (a) anthracene	ND		mg/kg	0.00325	1	08/01/07 17 53	SW846 8270CSIM	DAH	7075301
Benzo (a) pyrene	ND		mg/kg	0 00325	1	08/01/07 17 53	SW846 8270CSIM	DAH	7075301
Benzo (b) fluoranthene	ND		mg/kg	0.00325	1	08/01/07 17 53	SW846 8270CSIM	DAH	7075301
Benzo (k) fluoranthene	ND		mg/kg	0.00325	1	08/01/07 17 53	SW846 8270CSIM	DAH	7075301
Chrysene	ND		mg/kg	0 00325	1	08/01/07 17 53	SW846 8270CSIM	DAH	7075301
Dibenz (a,h) anthracene	ND		mg/kg	0 00325	1	08/01/07 17.53	SW846 8270CSIM	DAH	7075301
Fluoranthene	ND		mg/kg	0 00325	1	08/01/07 17.53	SW846 8270CSIM	DAH	7075301
Fluorene	ND		mg/kg	0 00325	1	08/01/07 17.53	SW846 8270CSIM	DAH	7075301
Indeno (1,2 3-cd) pyrene	ND		mg/kg	0 00325	1	08/01/07 17.53	SW846 8270CSIM	DAH	7075301
2 Methylnaphthalene	ND		mg/kg	0 00325	1	08/01/07 17.53	SW846 8270CSIM	DAH	7075301
Naphthalene	ND		mg/kg	0 00325	1	08/01/07 17.53	SW846 8270CSIM	DAH	7075301
Phenanthrene	ND		mg/kg	0 00325	1	08/01/07 17.53	SW846 8270CSIM	DAH	7075301
Pyrene	ND		mg/kg	0.00325	1	08/01/07 17.53	SW846 8270CSIM	DAH	7075301
Surr Nitrobenzene-d5 (34-87%)	*49 %*					*08/01/07 17 53*	*SW846 8270CSIM*	*DAH*	*7075301*
Surr 2 Fluorobiphenyl (30-93%)	*70 %*					*08/01/07 17 53*	*SW846 8270CSIM*	*DAH*	*7075301*
Surr Terphenyl-d14 (49-123%)	*89 %*					*08/01/07 17 53*	*SW846 8270CSIM*	*DAH*	*7075301*
Extractable Petroleum Hydrocarbons									
Diesel	ND		mg/kg	4 94	1	08/02/07 15 44	SW846 8015B	bca	7075304
Surr o-Terphenyl (32 132%)	*111 %*					*08/02/07 15 44*	*SW846 8015B*	*bca*	*7075304*
Purgeable Petroleum Hydrocarbons									
>C6 to C8 Ali	16.9		mg/kg	4 74	50	08/02/07 18 33	MADEP VPH	JHC	7080333
>C8 to C10 Ali	6.01		mg/kg	4 74	50	08/02/07 18 33	MADEP VPH	JHC	7080333
>C8 to C10 Aro	ND		mg/kg	4 74	50	08/02/07 18 33	MADEP VPH	JHC	7080333
Surr 2 5-Dibromotoluene (FID) (70-130%)	*135 %*	*Z.*				*08/02/07 18 33*	*MADEP VPH*	*JHC*	*7080333*
Surr 2,5-Dibromotoluene (PID) (70-130%)	*119 %*					*08/02/07 18 33*	*MADEP VPH*	*JHC*	*7080333*

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge, LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07.50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID NQG2944-03 (25881-072407 DP1(14-15) Soil) Sampled 07/24/07 08 40									
Total Metals by EPA Method 6010B									
Lead	11.5		mg/kg	0 977	1	07/31/07 17 29	SW846 6010B	JLS	7075295
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		mg/kg	0 002	1	07/31/07 11 12	SW846 8260B	HP	7075140
Ethylbenzene	ND		mg/kg	0.002	1	07/31/07 11 12	SW846 8260B	HP	7075140
Methyl tert Butyl Ether	0.005		mg/kg	0.00	1	07/31/07 11 12	SW846 8260B	HP	7075140
Toluene	ND		mg/kg	0 002	1	07/31/07 11 12	SW846 8260B	HP	7075140
Xylenes total	ND		mg/kg	0 004	1	07/31/07 11 12	SW846 8260B	HP	7075140
Surr 1 2 Dichloroethane-d4 (54-145%)	*104 %*					*07/31/07 11 12*	*SW846 8260B*	*HP*	*7075140*
Surr Dibromofluoromethane (67 129%)	*109 %*					*07/31/07 11 12*	*SW846 8260B*	*HP*	*7075140*
Surr Toluene d8 (66-142%)	*109 %*					*07/31/07 11 12*	*SW846 8260B*	*HP*	*7075140*
Surr 4-Bromofluorobenzene (68 150%)	*113 %*					*07/31/07 11 12*	*SW846 8260B*	*HP*	*7075140*
Polyaromatic Hydrocarbons by EPA 8270C SIM									
Acenaphthene	ND	M8	mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Acenaphthylene	ND	M8	mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Anthracene	ND	M8	mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Benzo (a) anthracene	ND		mg/kg	0.00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Benzo (a) pyrene	ND	M8	mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Benzo (b) fluoranthene	ND		mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Benzo (k) fluoranthene	ND		mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Chrysene	ND		mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Dibenz (a,h) anthracene	ND		mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Fluoranthene	ND		mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Fluorene	ND		mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Indeno (1,2 3-cd) pyrene	ND		mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
2 Methylnaphthalene	ND		mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Naphthalene	ND		mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Phenanthrene	ND		mg/kg	0.00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Pyrene	ND		mg/kg	0 00324	1	08/01/07 18 14	SW846 8270CSIM	DAH	7075301
Surr Nitrobenz ne-d5 (34-87%)	*46 %*					*08/01/07 18 14*	*SW846 8270CSIM*	*DAH*	*7075301*
Surr 2-Fluorobiphenyl (30-93%)	*61 %*					*08/01/07 18 14*	*SW846 8270CSIM*	*DAH*	*7075301*
Surr Terphenyl-d14 (49-123%)	*77 %*					*08/01/07 18 14*	*SW846 8270CSIM*	*DAH*	*7075301*
Extractable Petroleum Hydrocarbons									
Diesel	ND		mg/kg	4 91	1	08/02/07 16 00	SW846 8015B	bea	7075304
Surr o-Terphenyl (32 132%)	*108 %*					*08/02/07 16 00*	*SW846 8015B*	*bea*	*7075304*
Purgeable Petroleum Hydrocarbons									
>C6 to C8 Ali	ND		mg/kg	4 57	50	08/02/07 19 03	MADEP VPH	JHC	7080333
>C8 to C10 Ali	ND		mg/kg	4 57	50	08/02/07 19 03	MADEP VPH	JHC	7080333
>C8 to C10 Aro	ND		mg/kg	4 57	50	08/02/07 19 03	MADEP VPH	JHC	7080333
Surr 2 5-Dibromotoluene (FID) (70-130%)	*144 %*	*Z2*				*08/02/07 19 03*	*MADEP VPH*	*JHC*	*7080333*
Surr 2 5-Dibromotoluene (PID) (70-130%)	*125 %*					*08/02/07 19 03*	*MADEP VPH*	*JHC*	*7080333*

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd	Project Nam	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID NQG2944-04 (25881 TB1 Water) Sampled 07/24/07 00 01									
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		ug/L	1 00	1	08/02/07 13 54	SW846 8260B	EML	7080075
Ethylbenzene	ND		ug/L	1 00	1	08/02/07 13 54	SW846 8260B	EML	7080075
Methyl tert Butyl Ether	ND		ug/L	1 00	1	08/02/07 13 54	SW846 8260B	EML	7080075
Toluene	ND		ug/L	1 00	1	08/02/07 13 54	SW846 8260B	EML	7080075
Xylenes total	ND		ug/L	3 00	1	08/02/07 13 54	SW846 8260B	EML	7080075
Surr 1 2 Dichloroethane-d4 (62 142%)	*99 %*					*08/02/07 13 54*	*SW846 8260B*	*EML*	*7080075*
Surr Dibromofluoromethane (78 123%)	*98 %*					*08/02/0 13 54*	*SW846 8260B*	*EML*	*7080075*
Surr Toluene-d8 (79-120%)	*98 %*					*08/02/07 13 54*	*SW846 8260B*	*EML*	*7080075*
Surr 4-Bromofluorobenzene (75 133%)	*98 %*					*08/02/07 13 54*	*SW846 8260B*	*EML*	*7080075*
Sample ID NQG2944 05 (25881-072407 FB-1 Water) Sampled 07/24/07 00 01									
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		ug/L	1 00	1	08/03/07 08 05	SW846 8260B	EML	7080078
Ethylbenzene	ND		ug/L	1 00	1	08/03/07 08 05	SW846 8260B	EML	7080078
Methyl tert Butyl Ether	ND		ug/L	1 00	1	08/03/07 08 05	SW846 8260B	EML	7080078
Toluene	ND		ug/L	1 00	1	08/03/07 08 05	SW846 8260B	EML	7080078
Xylenes total	ND		ug/L	3 00	1	08/03/07 08 05	SW846 8260B	EML	7080078
Surr 1 2-Dichloroethane-d4 (62 142%)	*91 %*					*08/03/07 08 05*	*SW846 8260B*	*EML*	*7080078*
Surr Dibromofluoromethan (78-123%)	*95 %*					*08/03/07 08 05*	*SW846 8260B*	*EML*	*7080078*
Surr Toluene-d8 (79-120%)	*100 %*					*08/03/07 08 05*	*SW846 8260B*	*EML*	*7080078*
Surr 4-Bromofluorobenzene (75 133%)	*97 %*					*08/03/07 08 05*	*SW846 8260B*	*EML*	*7080078*
Purgeable Petroleum Hydrocarbons									
>C6 to C8 Ali	ND		g/L	100	1	08/02/07 14 33	MADEP VPH	JHC	7080336
>C8 to C10 Ali	ND		ug/L	100	1	08/02/07 14 33	MADEP VPH	JHC	7080336
>C8 to C10 Aro	ND	M2	ug/L	100	1	08/02/07 14 33	MADEP VPH	JHC	7080336
Surr 2 5 Dibromotoluene (FID) (70-130%)	*138 %*	*Z2*				*08/02/07 14 33*	*MADEP VPH*	*JHC*	*7080336*
Surr 2 5 Dibromotoluene (PID) (70-130%)	*118 %*					*08/02/07 14 33*	*MADEP VPH*	*JHC*	*7080336*

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Client: Conestoga-Rovers & Assoc (BR) / Exxon (10318)
4915 South Sherwood Forest Blvd
Baton Rouge LA 70816
Attn: Cindy Smith

Work Order: NQG2944
Project Name: Exxon 5-0608 / 25881
Project Number: Exxon 5-0608/25881
Received: 07/27/07 07 50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
SW846 8015B	7075304	NQG2944-01	25 07	1 00	08/01/07 13 15	CDJ	EPA 3550B
SW846 8015B	7075304	NQG2944-02	25.28	1 00	08/01/07 13 15	CDJ	EPA 3550B
SW846 8015B	7075304	NQG2944-03	25 46	1 00	08/01/07 13 15	CDJ	EPA 3550B
Polyaromatic Hydrocarbons by EPA 8270C SIM							
SW846 8270CSIM	7075301	NQG2944-01	30.35	1 00	07/31/07 12:00	DCW	EPA 3550B
SW846 8270CSIM	7075301	NQG2944-02	30 78	1 00	07/31/07 12 00	DCW	EPA 3550B
SW846 8270CSIM	7075301	NQG2944-03	30 80	1 00	07/31/07 12:00	DCW	EPA 3550B
Purgeable Petroleum Hydrocarbons							
MADEP VPH	7080333	NQG2944-01	5 43	5 00	08/02/07 10:32	JHC	MADEP
MADEP VPH	7080333	NQG2944-02	5.27	5 00	08/02/07 10 32	JHC	MADEP
MADEP VPH	7080333	NQG2944-03	5 47	5 00	08/02/07 10:32	JHC	MADEP
MADEP VPH	7080336	NQG2944-05	5 00	5.00	07/24/07 00:01	JHC	MADEP
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	7075140	NQG2944-01	5 07	5 00	07/24/07 08 15	SNN	EPA 5035
SW846 8260B	7075140	NQG2944-02	5 45	5 00	07/24/07 08 25	SNN	EPA 5035
SW846 8260B	7075140	NQG2944-03	5 81	5 00	07/24/07 08 40	SNN	EPA 5035
Total Metals by EPA Method 6010B							
SW846 6010B	7075294	NQG2944-01	0 52	100 00	07/30/07 09.34	LTB	EPA 3051
SW846 6010B	7075296	NQG2944-02	0 50	100 00	07/30/07 09.36	LTB	EPA 3051
SW846 6010B	7075296	NQG2944-03	0 51	100 00	07/30/07 09.36	LTB	EPA 3051

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2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
Total Metals by EPA Method 6010B						
7075294-BLK1						
Lead	<0 886		mg/kg	7075294	7075294-BLK1	08/01/07 16 34
7075296-BLK1						
Lead	<0.877		mg/kg	7075296	7075296-BLK1	07/31/07 17 02
Selected Volatile Organic Compounds by EPA Method 8260B						
7075140-BLK1						
Benzene	<0 0006		mg/kg	7075140	7075140-BLK1	07/31/07 04 51
Ethylbenzene	<0 0006		mg/kg	7075140	7075140-BLK1	07/31/07 04 51
Methyl tert Butyl Ether	<0 0005		mg/kg	7075140	7075140-BLK1	07/31/07 04 51
Toluene	<0.0007		mg/kg	7075140	7075140-BLK1	07/31/07 04 51
Xylenes total	<0 001		mg/kg	7075140	7075140-BLK1	07/31/07 04 51
Surrogate 1 2 Dichloroethane-d4	111%			7075140	7075140-BLK1	07/31/07 04 51
Surrogate Dibromofluoromethane	108%			7075140	7075140-BLK1	07/31/07 04 51
Surrogate Toluene-d8	107%			7075140	7075140-BLK1	07/31/07 04 51
Surrogate 4 Bromofluorobenzene	115%			7075140	7075140-BLK1	07/31/07 04 51
7080075-BLK1						
Benzene	<0 330		ug/L	7080075	7080075-BLK1	08/02/07 12 14
Ethylbenzene	<0 420		ug/L	7080075	7080075-BLK1	08/02/07 12 14
Methyl tert Butyl Ether	<0 310		ug/L	7080075	7080075 BLK1	08/02/07 12 14
Toluene	<0 420		ug/L	7080075	7080075 BLK1	08/02/07 12 14
Xylenes total	<0 450		ug/L	7080075	7080075 BLK1	08/02/07 12 14
Surrogate 1,2-Dichloroethane-d4	96%			7080075	7080075 BLK1	08/02/07 12 14
Surrogate Dibromofluoromethane	95%			7080075	7080075 BLK1	08/02/07 12 14
Surrogate Toluene-d8	98%			7080075	7080075 BLK1	08/02/07 12 14
Surrogate 4 Bromofluorobenzene	97%			7080075	7080075 BLK1	08/02/07 12 14
7080078-BLK1						
Benzene	<0.330		ug/L	7080078	7080078 BLK1	08/02/07 23.50
Ethylbenzene	<0 420		ug/L	7080078	7080078 BLK1	08/02/07 23.50
Methyl tert Butyl Ether	<0.310		ug/L	7080078	7080078-BLK1	08/02/07 23 50
Toluene	<0 420		ug/L	7080078	7080078-BLK1	08/02/07 23 50
Xylenes total	<0 450		ug/L	7080078	7080078 BLK1	08/02/07 23 50
Surrogate 1 2 Dichloroethane-d4	91%			7080078	7080078-BLK1	08/02/07 3 50
Surrogate Dibromofluoromethane	91%			7080078	7080078-BLK1	08/02/07 23 50
Surrogate Toluene-d8	99%			7080078	7080078-BLK1	08/02/07 23 50
Surrogate 4 Bromofluorobenzene	99%			7080078	7080078-BLK1	08/02/07 23 50
Polyaromatic Hydrocarbons by EPA 8270C SIM						
7075301-BLK1						
Acenaphthene	<0 00112		mg/kg	7075301	7075301 BLK1	08/01/07 14.26

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2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client	Conestoga-Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd.	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Blank Cont.

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C SIM						
7075301-BLK1						
Acenaphthylene	<0 00153		mg/kg	7075301	7075301 BLK1	08/01/07 14 26
Anthracene	<0 00287		mg/kg	7075301	7075301 BLK1	08/01/07 14 26
Benzo (a) anthracene	<0 00186		mg/kg	7075301	7075301-BLK1	08/01/07 14 26
Benzo (a) pyrene	<0 00264		mg/kg	7075301	7075301 BLK1	08/01/07 14 26
Benzo (b) fluoranthene	<0 00165		mg/kg	7075301	7075301-BLK1	08/01/07 14 26
Benzo (g,h,i) perylene	<0 00210		mg/kg	7075301	7075301-BLK1	08/01/07 14 26
Benzo (k) fluoranthene	<0.00159		mg/kg	7075301	7075301-BLK1	08/01/07 14 26
Chrysene	<0.00159		mg/kg	7075301	7075301-BLK1	08/01/07 14 26
Dibenz (a,h) anthracene	<0 00275		mg/kg	7075301	7075301 BLK1	08/01/07 14 26
Fluoranthene	<0 00145		mg/kg	7075301	7075301 BLK1	08/01/07 14 26
Fluorene	<0 00132		mg/kg	7075301	7075301 BLK1	08/01/07 14 26
Indeno (1,2 3-cd) pyrene	<0 00287		mg/kg	7075301	7075301 BLK1	08/01/07 14 26
1-Methylnaphthalene	<0 00121		mg/kg	7075301	7075301 BLK1	08/01/07 14 26
2-Methylnaphthalene	<0 00121		mg/kg	7075301	7075301 BLK1	08/01/07 14 26
Naphthalene	<0 00134		mg/kg	7075301	7075301 BLK1	08/01/07 14 26
Phenanthrene	<0 00102		mg/kg	7075301	7075301 BLK1	08/01/07 14 26
Pyrene	<0 00159		mg/kg	7075301	7075301 BLK1	08/01/07 14 26
Surrogate. Nitrobenzene-d5	63%			7075301	7075301 BLK1	08/01/07 14 26
Surrogate. 2-Fluorobiphenyl	82%			7075301	7075301 BLK1	08/01/07 14 26
Surrogate Terphenyl-d14	99%			7075301	7075301 BLK1	08/01/07 14 26
Extractable Petroleum Hydrocarbons						
7075304-BLK1						
Diesel	<2.00		mg/kg	7075304	7075304-BLK1	08/02/07 14 04
Surrogate o-Terphenyl	98%			7075304	7075304-BLK1	08/02/07 14 04
Purgeable Petroleum Hydrocarbons						
7080333-BLK1						
>C6 to C8 Ali	<0 250		mg/kg	7080333	7080333 BLK1	08/02/07 13 03
>C8 to C10 Ali	<0 250		mg/kg	7080333	7080333 BLK1	08/02/07 13 03
>C8 to C10 Aro	<0 250		mg/kg	7080333	7080333 BLK1	08/02/07 13 03
Surrogate 2 5 Dibromotoluene (FID)	129%			7080333	7080333 BLK1	08/02/07 13 03
Surrogate 2 5 Dibromotoluene (PID)	109%			7080333	7080333 BLK1	08/02/07 13 03
7080336-BLK1						
>C6 to C8 Al	<50 0		ug/L	7080336	7080336-BLK1	08/02/07 12.33
>C8 to C10 Ali	<50 0		ug/L	7080336	7080336-BLK1	08/02/07 12.33
>C8 to C10 Aro	<50.0		ug/L	7080336	7080336-BLK1	08/02/07 12 33
Surrogat 2 5 Dibromotol ene (FID)	130%			7080336	7080336-BLK1	08/02/07 12 33
Surrogate 2 5 Dibromotoluene (PID)	110%			7080336	7080336-BLK1	08/02/07 12 33

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2960 Foste Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val	Analyzed Val	Q	Units	% Rec	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA Method 6010B								
7075294-BS1								
Lead	100	99 1		mg/kg	99%	80 120	7075294	08/01/07 16 39
7075296-BS1								
Lead	100	94 2		mg/kg	94%	80 120	7075296	07/31/07 17 21
Selected Volatile Organic Compounds by EPA Method 8260B								
7075140-BS1								
Benzene	50 0	49 2		ug/kg	98%	78 123	7075140	07/31/07 03 16
Ethylbenzene	50 0	46 8		ug/kg	94%	78 127	7075140	07/31/07 03 16
Methyl tert Butyl Ether	50 0	46 1		ug/kg	92%	62 129	7075140	07/31/07 03 16
Toluene	50 0	47 3		ug/kg	95%	77 124	7075140	07/31/07 03 16
Xylenes total	150	142		ug/kg	95%	77 128	7075140	07/31/07 03 16
Surrogate 1 2 Dichloroethane-d4	50 0	54 4			109%	54 145	7075140	07/31/07 03 16
Surrogate Dibromofluoromethan	50 0	55.3			111%	67 129	7075140	07/31/07 03 16
Surrogate Toluene-d8	50 0	54 0			108%	66 142	7075140	07/31/07 03 16
Surrogate 4-Bromofluorobenzene	50 0	57 8			116%	68 150	7075140	07/31/07 03 16
7080075-BS1								
Benzene	50 0	48 7		ug/L	97%	78 125	7080075	08/02/07 10 34
Ethylbenzene	50 0	54 2		ug/L	108%	73 134	7080075	08/02/07 10 34
Methyl tert Butyl Ether	50 0	42.6		ug/L	85%	69 122	7080075	08/02/07 10 34
Toluene	50 0	52 7		ug/L	105%	78 122	7080075	08/02/07 10 34
Xylenes, total	150	161		ug/L	108%	79 130	7080075	08/02/07 10 34
Surrogate 1 2-Dichloroethane-d4	25 0	21 4			86%	62 142	7080075	08/02/07 10 34
Surrogate Dibromofluoromethane	25 0	21 8			87%	78 123	7080075	08/02/07 10 34
Surrogate Toluene-d8	25 0	24 7			99%	79 120	7080075	08/02/07 10.34
Surrogate 4 Bromofluorobenzene	25 0	25 2			101%	75 133	7080075	08/02/07 10.34
7080078-BS1								
Benze	50 0	48 9		ug/L	98%	78 125	7080078	08/02/07 22 11
Eth fbenzene	50 0	52 1		ug/L	104%	73 134	7080078	08/02/07 22 11
Methyl tert Butyl Ether	50 0	41 0		ug/L	82%	69 122	7080078	08/02/07 22 11
Toluene	50 0	51.3		g/L	103%	78 122	7080078	08/02/07 22 11
Xylenes, total	150	156		ug/L	104%	79 130	7080078	08/02/07 22 11
Surrogate 1 2-Dichloroethane-d4	25 0	1 7			87%	62 142	7080078	08/02/07 22 11
Surrogate Dibromofluoromethane	25 0	21 4			85%	78 123	7080078	08/02/07 22 11
Surrogate Toluene-d8	25 0	25.2			101%	79 120	7080078	08/02/07 22 11
Surrogate 4-Bromofluorobenzene	25 0	25 1			100%	75 133	7080078	08/02/07 22 11
Polyaromatic Hydrocarbons by EPA 8270C SIM								
7075301 BS1								
Acenaphthene	0 0333	0 0243		mg/kg	73%	42 114	7075301	08/01/07 14 47

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THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 800-765-0980 Fax 615-726 3404

Client: Conestoga-Rovers & Assoc (BR) / Exxon (10318)
4915 South Sherwood Forest Blvd
Baton Rouge LA 70816
Attn: Cindy Smith

Work Order: NQG2944
Project Name: Exxon 5-0608 / 25881
Project Number: Exxon 5-0608/25881
Received: 07/27/07 07 50

PROJECT QUALITY CONTROL DATA
LCS Cont

Analyte	Known Val	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C SIM								
7075301-BS1								
Acenaphthylene	0 0333	0 0253		mg/kg	76%	51 118	7075301	08/01/07 14 47
Anthracene	0 0333	0 0277		mg/kg	83%	49 139	7075301	08/01/07 14 47
Benzo (a) anthracene	0 0333	0 0257		mg/kg	77%	56 122	7075301	08/01/07 14 47
Benzo (a) pyrene	0 0333	0 0270		mg/kg	81%	56 113	7075301	08/01/07 14 47
Benzo (b) fluoranthene	0 0333	0 0233		mg/kg	70%	60 123	7075301	08/01/07 14 47
Benzo (g,h,i) perylene	0 0333	0 0247		mg/kg	74%	48 126	7075301	08/01/07 14 47
Benzo (k) fluoranthene	0 0333	0 0257		mg/kg	77%	61 124	7075301	08/01/07 14 47
Chrysene	0 0333	0 0260		mg/kg	78%	60 127	7075301	08/01/07 14 47
Dibenz (a,h) anthracene	0 0333	0 0240		mg/kg	72%	54 119	7075301	08/01/07 14 47
Fluoranthene	0 0333	0 0267		mg/kg	80%	51 118	7075301	08/01/07 14 47
Fluorene	0 0333	0 0257		mg/kg	77%	46 118	7075301	08/01/07 14 47
Indeno (1,2,3-cd) pyrene	0 0333	0 0237		mg/kg	71%	40 125	7075301	08/01/07 14 47
1 Methylnaphthalene	0 0337	0.0230		mg/kg	68%	49 110	7075301	08/01/07 14 47
2 Methylnaphthalene	0 0333	0.0230		mg/kg	69%	55 114	7075301	08/01/07 14 47
Naphthalene	0 0333	0 0230		mg/kg	69%	36 106	7075301	08/01/07 14 47
Phenanthrene	0 0333	0 0250		mg/kg	75%	47 118	7075301	08/01/07 14 47
Pyrene	0 0333	0 0283		mg/kg	85%	48 124	7075301	08/01/07 14 47
Surrogate Nitrobenzene-d5	0 0333	0 0213			64%	34 87	7075301	08/01/07 14 47
Surrogate 2 Fluorobiphenyl	0 0333	0 0250			75%	30 93	7075301	08/01/07 14 47
Surrogate. Terphenyl-d14	0 0333	0 0307			92%	49 123	7075301	08/01/07 14 47
Extractable Petroleum Hydrocarbons								
7075304-BS1								
Diesel	40 0	41.2		mg/kg	103%	41 141	7075304	08/02/07 14 21
Surrogate o-Terphenyl	0.800	1 05			131%	32 132	7075304	08/02/07 14 21
Purgeable Petroleum Hydrocarbons								
7080333-BS1								
>C6 to C8 Ali	5 00	4 81		mg/kg	96%	40 140	7080333	08/03/07 11 24
>C8 to C10 Al	15 0	15 4		mg/kg	103%	40 140	7080333	08/03/07 11 24
>C8 to C10 Aro	12.5	11.3		mg/kg	90%	40 140	7080333	08/03/07 11 24
>C10 to C12 Aro	2 50	3.05		mg/kg	122%	40 140	7080333	08/03/07 11 24
>C10 to C12 Al	5 00	4.91		mg/kg	98%	40 140	7080333	08/03/07 11 24
Surrogate. 2 5-Dibromotoluene (FID)	40 0	55 6	Z2		139%	70 130	7080333	08/03/07 11 24
Surrogate. 2 5 Dibromotoluene (PID)	40 0	47.3			118%	70 130	7080333	08/03/07 11 24
7080336-BS1								
>C6 to C8 Ali	100	97 5		ug/L	98%	70 130	7080336	08/03/07 10.54
>C8 to C10 Ali	300	306		ug/L	102%	70 130	7080336	08/03/07 10.54
>C8 to C10 Aro	250	223		g/L	89%	70 130	7080336	08/03/07 10.54
>C10 to C12 Aro	50 0	62 0		g/L	124%	70 130	7080336	08/03/07 10 54
>C10 to C12 Ali	100	97 3		ug/L	97%	70 130	7080336	08/03/07 10 54

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2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd.	Project Name	Exxon 5 0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
LCS Cont

Analyte	Known Val	Analyzed Val	Q	Units	% Rec	Target Range	Batch	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons								
7080336-BS1								
Surrogate 2 5 Dibromotoluene (FID)	40 0	55 3	Z2		138%	70 130	7080336	08/03/07 10 54
Surrogate 2 5-Dibromotoluene (PID)	40 0	47 3			118%	70 130	7080336	08/03/07 10 54

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THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 800-765-0980 Fax 615-726-3404

Client: Conestoga-Rovers & Assoc (BR) / Exxon (10318)
4915 South Sherwood Forest Blvd
Baton Rouge LA 70816
Attn: Cindy Smith

Work Order: NQG2944
Project Name: Exxon 5-0608 / 25881
Project Number: Exxon 5-0608/25881
Received: 07/27/07 07 50

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig Val	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7075294-BSD1												
Lead		96 3		mg/kg	100	96%	80 120	3	20	7075294		08/01/07 16 43
Selected Volatile Organic Compounds by EPA Method 8260B												
7075140-BSD1												
Benzene		45 8		ug/kg	50 0	97%	78 123	7	42	7075140		07/31/07 03 48
Ethylbenzene		44.2		ug/kg	50 0	88%	78 127	6	42	7075140		07/31/07 03 48
Methyl tert Butyl Ether		44 0		ug/kg	50 0	88%	6 129	5	47	7075140		07/31/07 03 48
Toluene		45.2		ug/kg	50.0	90%	77 124	5	50	7075140		07/31/07 03 48
Xylenes total		134		ug/kg	150	90%	77 128	6	50	7075140		07/31/07 03 48
Surrogate 1 2-Dichloroethane-d4		53 6		ug/kg	50.0	107%	54 145			7075140		07/31/07 03 48
Surrogate Dibromofluoromethane		54 0		ug/kg	50.0	108%	67 129			7075140		07/31/07 03 48
Surrogate. Toluene-d8		53.8		ug/kg	50.0	108%	66 142			7075140		07/31/07 03 48
Surrogate. 4 Bromofluorobenzene		56.7		ug/kg	50.0	113%	68 150			7075140		07/31/07 03 48
7080075-BSD1												
Benzene		52.1		ug/L	50 0	104%	78 125	7	15	7080075		08/02/07 10 59
Ethylbenzene		54 8		ug/L	50 0	110%	73 134	1	15	7080075		08/02/07 10 59
Methyl tert Butyl Ether		47 4		ug/L	50.0	95%	69 122	11	16	7080075		08/02/07 10 59
Toluene		53 8		ug/L	50 0	108%	78 122	2	15	7080075		08/02/07 10 59
Xylenes, total		165		ug/L	150	110%	79 130	2	16	7080075		08/02/07 10 59
Surrogate 1 1-Dichloroethane-d4		22 9		ug/L	25 0	92%	62 142			7080075		08/02/07 10 59
Surrogate Dibromofluoromethane		23.5		ug/L	25 0	94%	78 123			7080075		08/02/07 10 59
Surrogate Toluene-d8		24 9		ug/L	25 0	99%	79 120			7080075		08/02/07 10 59
Surrogate 4-Bromofluorobenzene		25 2		ug/L	25 0	101%	75 133			7080075		08/02/07 10.59
7080078-BSD1												
Benzene		48 9		ug/L	50 0	98%	78 125	0.04	15	7080078		08/02/07 22.36
Ethylbenzene		51 9		ug/L	50.0	104%	73 134	0 4	15	7080078		08/02/07 22.36
Methyl tert Butyl Ether		41 5		ug/L	50 0	83%	69 122	1	16	7080078		08/02/07 22.36
Toluene		51 2		ug/L	50.0	102%	78 122	0 1	15	7080078		08/02/07 22 36
Xylenes total		157		ug/L	150	105%	79 130	0.3	16	7080078		08/02/07 22 36
Surrogate 1 2 Dichloroethane-d4		21 8		ug/L	25 0	87%	62 142			7080078		08/02/07 22 36
S rrogate Dibromofluorometha e		21 4		ug/L	25.0	86%	78 123			7080078		08/02/07 22 36
Surrogat Toluene-d8		25 0		ug/L	25 0	100%	79 120			7080078		08/02/07 22 36
Surrogate 4 Bromofluorobenzene		25 0		ug/L	25.0	100%	75 133			7080078		08/02/07 22.36
Polyaromatic Hydrocarbons by EPA 8270C SIM												
7075301-BSD1												
Acenaphthene		0 0247		mg/kg	0 0333	74%	42 114	1	38	7075301		08/01/07 15 07
Acenaphthylene		0 0257		mg/kg	0 0333	77%	51 118	1	40	7075301		08/01/07 15 07
Anthracene		0 0277		mg/kg	0 0333	83%	49 139	0	37	7075301		08/01/07 15 07
Benzo (a) anthracene		0 0257		mg/kg	0.0333	77%	56 122	0	37	7075301		08/01/07 15 07

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA

LCS Dup Cont.

Analyte	Orig Val	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C SIM												
7075301-BSD1												
Benzo (a) pyrene		0 0267		mg/kg	0 0333	80%	56 113	1	37	7075301		08/01/07 15 07
Benzo (b) fluoranthene		0 0320		mg/kg	0 0333	96%	60 123	31	50	7075301		08/01/07 15-07
Benzo (g,h,i) perylene		0 0243		mg/kg	0.0333	73%	48 126	1	50	7075301		08/01/07 15-07
Benzo (k) fluoranthene		0 0283		mg/kg	0 0333	85%	61 124	10	50	7075301		08/01/07 15 07
Chrysene		0.0260		mg/kg	0 0333	78%	60 127	0	50	7075301		08/01/07 15 07
Dibenz (a,h) anthracene		0 0233		mg/kg	0.0333	70%	54 119	3	42	7075301		08/01/07 15 07
Fluoranthene		0 0263		mg/kg	0 0333	79%	51 118	1	43	7075301		08/01/07 15 07
Fluorene		0.0253		mg/kg	0.0333	76%	46 118	1	30	7075301		08/01/07 15 07
Indeno (1,2,3-cd) pyrene		0.0233		mg/kg	0 0333	70%	40 125	1	50	7075301		08/01/07 15 07
1 Methylnaphthalene		0.0233		mg/kg	0.0337	69%	49 110	1	43	7075301		08/01/07 15 07
2 Methylnaphthalene		0 0237		mg/kg	0 0333	71%	55 114	3	44	7075301		08/01/07 15 07
Naphthalene		0 0237		mg/kg	0 0333	71%	36 106	3	35	7075301		08/01/07 15 07
Phenanthrene		0 0247		mg/kg	0 0333	74%	47 118	1	50	7075301		08/01/07 15 07
Pyrene		0 0270		mg/kg	0.0333	81%	48 124	5	50	7075301		08/01/07 15 07
S rrogat Nitrobenzene-d5		0 0220		mg/kg	0 0333	66%	34 87			7075301		08/01/07 15-07
Surrogate 2 Fluorobiphenyl		0 0250		mg/kg	0 0333	75%	30 93			7075301		08/01/07 15-07
Surrogate Terphenyl-d14		0 0307		mg/kg	0 0333	92%	49 123			7075301		08/01/07 15 07
Extractable Petroleum Hydrocarbons												
7075304-BSD1												
Diesel		41 8		mg/kg	40 0	104%	41 141	1	50	7075304		08/02/07 14 37
Surrogat o-T rphenyl		1 04		mg/kg	0.800	130%	32 132			7075304		08/02/07 14 37

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 800-765-0980 Fax 615-726-3404

Client: Conestoga Rovers & Assoc (BR) / Exxon (10318)
4915 South Sherwood Forest Blvd
Baton Rouge, LA 70816
Attn: Cindy Smith

Work Order: NQG2944
Project Name: Exxon 5 0608 / 25881
Project Number: Exxon 5-0608/25881
Received: 07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig Val	MS Val	Q	Units	Spike Conc	% Rec	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 6010B										
7075294-MS1										
Lead	46 4	118		mg/kg	95 2	75%	75 125	7075294	NQG2809-07	08/01/07 16 51
7075296-MS1										
Lead	11.5	106		mg/kg	96 5	98%	75 125	7075296	NQG2944 03	07/31/07 17 34
Selected Volatile Organic Compounds by EPA Method 8260B										
7075140-MS1										
Benzene	7.20	48 9		ug/kg	50 0	83%	41 134	7075140	NQG2833-04	08/01/07 02 18
Ethylbenzene	6.77	48 4		ug/kg	50.0	83%	27 143	7075140	NQG2833-04	08/01/07 02 18
Methyl tert-Butyl Ether	ND	47 7		ug/kg	50 0	95%	26 147	7075140	NQG2833-04	08/01/07 02 18
Toluene	28.3	50 4		ug/kg	50 0	44%	31 145	7075140	NQG2833-04	08/01/07 02 18
Xylenes, total	36 4	156		ug/kg	150	79%	27 140	7075140	NQG2833-04	08/01/07 02 18
Surrogate 1 2 Dichloroethane-d4		62 9		ug/kg	50 0	126%	54 145	7075140	NQG2833-04	08/01/07 02 18
Surrogate Dibromofluoromethane		55 9		ug/kg	50 0	112%	67 129	7075140	NQG2833-04	08/01/07 02 18
Surrogate Toluene-d8		57.5		ug/kg	50 0	115%	66 142	7075140	NQG2833-04	08/01/07 02 18
Surrogate 4 Bromofluorobenzene		72 0		ug/kg	50 0	144%	68 150	7075140	NQG2833-04	08/01/07 02 18
7075140-MS2										
Benzene	ND	46 3		ug/kg	50 0	93%	41 134	7075140	NQG2892-03	08/01/07 03 21
Ethylbenzene	ND	47 0		ug/kg	50.0	94%	27 143	7075140	NQG2892-03	08/01/07 03.21
Methyl tert Butyl Ether	ND	48 4		ug/kg	50.0	97%	26 147	7075140	NQG2892-03	08/01/07 03.21
Toluene	ND	47 0		ug/kg	50 0	94%	31 145	7075140	NQG2892-03	08/01/07 03.21
Xylenes, total	ND	146		ug/kg	150	97%	27 140	7075140	NQG2892-03	08/01/07 03.21
Surrogate 1 2-Dichloroethane-d4		62.6		ug/kg	50 0	125%	54 145	7075140	NQG2892-03	08/01/07 03 21
Surrogate Dibromofluoromethane		56 7		ug/kg	50 0	113%	67 129	7075140	NQG2892-03	08/01/07 03.21
Surrogate Toluene-d8		54 9		ug/kg	50 0	110%	66 142	7075140	NQG2892-03	08/01/07 03.21
Surrogate 4 Bromofluorobenzene		62 7		ug/kg	50 0	125%	68 150	7075140	NQG2892-03	08/01/07 03.21
7075140-MS3										
Benzene	ND	48 2		ug/kg	50 0	96%	41 134	7075140	NQG2944-03	08/01/07 04 25
Ethylbenzene	ND	48 7		ug/kg	50 0	97%	27 143	7075140	NQG2944-03	08/01/07 04 25
Methyl tert Butyl Ether	5 48	53.3		ug/kg	50 0	96%	26 147	7075140	NQG2944-03	08/01/07 04 25
Toluene	ND	47 4		ug/kg	50 0	95%	31 145	7075140	NQG2944-03	08/01/07 04 25
Xylenes, total	ND	144		g/kg	150	96%	27 140	7075140	NQG2944-03	08/01/07 04
Surrogate 1 2 Dichloroethane-d4		60.5		ug/kg	50 0	121%	54 145	7075140	NQG2944 03	08/01/07 04 25
Surrogate Dibromofluoromethane		54 6		ug/kg	50 0	109%	67 129	7075140	NQG2944-03	08/01/07 04 25
Surrogate Toluene-d8		58.2		ug/kg	50 0	116%	66 142	7075140	NQG2944 03	08/01/07 04 25
Surrogate 4 Bromofluorobenzene		64 1		ug/kg	50.0	128%	68 150	7075140	NQG2944-03	08/01/07 04 25

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THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Matrix Spike Cont

Analyte	Orig Val	MS Val	Q	Units	Spike Conc	% Rec	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C SIM										
7075301-MS1										
Acenaphthene	ND	0 0147		mg/kg	0 0327	45%	43 114	7075301	NQG2944-03	08/01/07 15 28
Acenaphthylene	ND	0 0157		mg/kg	0 0327	48%	44 118	7075301	NQG2944-03	08/01/07 15 28
Anthracene	ND	0 0157		mg/kg	0 0327	48%	45 139	7075301	NQG2944-03	08/01/07 15 28
Benzo (a) anthracene	ND	0 0144		mg/kg	0 0327	44%	39 122	7075301	NQG2944-03	08/01/07 15 28
Benzo (a) pyrene	ND	0 0124	MB	mg/kg	0 0327	38%	41 117	7075301	NQG2944-03	08/01/07 15 28
Benzo (b) fluoranthene	ND	0 0134		mg/kg	0 0327	41%	15 157	7075301	NQG2944-03	08/01/07 15 28
Benzo (g,h,i) perylene	ND	0 0140		mg/kg	0 0327	43%	10 146	7075301	NQG2944-03	08/01/07 15 28
Benzo (k) fluoranthene	ND	0 0160		mg/kg	0 0327	49%	20 149	7075301	NQG2944-03	08/01/07 15 28
Chrysene	ND	0 0147		mg/kg	0 0327	45%	18 155	7075301	NQG2944-03	08/01/07 15 28
Dibenz (a,h) anthracene	ND	0 0134		mg/kg	0 0327	41%	10 163	7075301	NQG2944-03	08/01/07 15 28
Fluoranthene	ND	0 0150		mg/kg	0 0327	46%	11 149	7075301	NQG2944-03	08/01/07 15 28
Fluorene	ND	0 0160		mg/kg	0 0327	49%	26 149	7075301	NQG2944-03	08/01/07 15 28
Indeno (1,2 3-cd) pyrene	ND	0 0134		mg/kg	0 0327	41%	10 147	7075301	NQG2944-03	08/01/07 15 28
1-Methylnaphthalene	ND	0 0157		mg/kg	0 0330	48%	23 110	7075301	NQG2944-03	08/01/07 15 28
2-Methylnaphthalene	ND	0 0160		mg/kg	0 0327	49%	34 114	7075301	NQG2944-03	08/01/07 15 28
Naphthale	ND	0 0160		mg/kg	0 0327	49%	36 113	7075301	NQG2944-03	08/01/07 15 28
Phenanthrene	ND	0 0147		mg/kg	0 0327	45%	10 154	7075301	NQG2944-03	08/01/07 15 28
Pyrene	ND	0 0157		mg/kg	0 0327	48%	10 173	7075301	NQG2944-03	08/01/07 15 28
Surrogate Nitrobenzene-d5		0 0153		mg/kg	0 0327	47%	34 87	7075301	NQG2944-03	08/01/07 15 28
Surrogate 2 Fluorobiphenyl		0 0157		mg/kg	0 0327	48%	30 93	7075301	NQG2944-03	08/01/07 15 28
Surrogate Terphenyl-d14		0 0180		mg/kg	0 0327	55%	49 123	7075301	NQG2944-03	08/01/07 15 28
Extractable Petroleum Hydrocarbons										
7075304-MS1										
Diesel	ND	40 6		mg/kg	38 4	106%	24 133	7075304	NQG2944-03	08/02/07 14 54
Surrogate o-Terphenyl		0 980		mg/kg	0 768	128%	32 132	7075304	NQG2944-03	08/02/07 14 54
Purgeable Petroleum Hydrocarbons										
7080333-MS1										
>C6 to C8 Ali	2 74	7 72		mg/kg	5 00	100%	40 140	7080333	NQG2944-03	08/03/07 09 24
>C8 to C10 Ali	0 692	17 2		mg/kg	15 0	110%	40 140	7080333	NQG2944-03	08/03/07 09 24
>C8 to C10 Aro	0.387	12 5		mg/kg	12.5	97%	40 140	7080333	NQG2944-03	08/03/07 09 24
Surrogate 2 5 Dibromotoluene (FID)		50 6		ug/L	40 0	127%	70 130	7080333	NQG2944-03	08/03/07 09 24
Surrogate 2,5 Dibromotoluene (PID)		43 1		ug/L	40 0	108%	70 130	7080333	NQG2944-03	08/03/07 09 24
7080336-MS1										
>C6 to C8 Ali	ND	80 7		ug/L	100	81%	70 130	7080336	NQG2941-02	08/02/07 23 33
>C8 to C10 Ali	ND	243		ug/L	300	81%	70 130	7080336	NQG2941-02	08/02/07 23 33

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd.	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Matrix Spike Cont

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons										
7080336-MS1										
>C8 to C10 Aro	1 11	166	M2	ug/L	250	66%	70 130	7080336	NQG2941-02	08/02/07 21 33
Surrogate 5-D bromotaluene (FID)		59 6	Z2	ug/L	40 0	149%	70 130	7080336	NQG2941-02	08/02/07 21 33
Surrogate 2 5 Dibromotaluene (PID)		48 4		ug/L	40 0	121%	70 130	7080336	NQG2941-02	08/02/07 21 33

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THE LEADER IN ENVIRONMENTAL TESTING
2960 Foste Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client: Conestoga Rovers & Assoc (BR) / Exxon (10318)
4915 South Sherwood Forest Blvd
Baton Rouge LA 70816
Attn: Cindy Smith

Work Order: NQG2944
Project Name: Exxon 5-0608 / 25881
Project Number: Exxon 5-0608/25881
Received: 07/27/07 07 50

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7075294-MSD1												
Lead	46 4	125		mg/kg	98.6	79%	75 125	6	20	7075294	NQG1809-07	08/01/07 16 58
7075296 MSD1												
Lead	11.5	98 6		mg/kg	101	87%	75 125	7	20	7075296	NQG2944-03	07/31/07 17.38
Selected Volatile Organic Compounds by EPA Method 8260B												
7075140-MSD1												
Benzene	7 20	49 6		ug/kg	50 0	85%	41 134	1	42	7075140	NQG2833-04	08/01/07 02 49
Ethylbenzene	6 77	46 2		ug/kg	50.0	79%	27 143	5	42	7075140	NQG2833-04	08/01/07 02 49
Methyl tert Butyl Ether	ND	49 8		ug/kg	50.0	100%	26 147	4	47	7075140	NQG2833-04	08/01/07 02 49
Toluene	28.3	50 1		ug/kg	50.0	43%	31 145	0 7	50	7075140	NQG2833-04	08/01/07 02 49
Xylenes, total	36 4	144		ug/kg	150	72%	27 140	8	50	7075140	NQG2833-04	08/01/07 02 49
Surrogate 1 2-Dichloroethane-d4		63 0		ug/kg	50 0	126%	54 145			7075140	NQG2833-04	08/01/07 02 49
Surrogate Dibromofluoromethane		56 7		ug/kg	50.0	113%	67 129			7075140	NQG2833-04	08/01/07 02 49
Surrogate Toluene-d8		56 8		ug/kg	50 0	114%	66 142			7075140	NQG2833-04	08/01/07 02 49
Surrogate 4 Bromofluorobenzen		69 9		ug/kg	50 0	140%	68 150			7075140	NQG2833-04	08/01/07 02 49
7075140-MSD2												
Benzene	ND	45 9		ug/kg	50 0	92%	41 134	1	42	7075140	NQG2892-03	08/01/07 03 53
Ethylbenzene	ND	48 7		ug/kg	50 0	97%	27 143	4	42	7075140	NQG2892-03	08/01/07 03 53
Methyl tert Butyl Ether	ND	47 8		ug/kg	50 0	96%	26 147	1	47	7075140	NQG2892-03	08/01/07 03 53
Toluene	ND	54.2		ug/kg	50 0	108%	31 145	14	50	7075140	NQG2892-03	08/01/07 03 53
Xylenes, total	ND	158		ug/kg	150	106%	27 140	8	50	7075140	NQG2892-03	08/01/07 03 53
Surrogate 1,2 Dichloroethane-d4		62 0		ug/kg	50 0	124%	54 145			7075140	NQG2892-03	08/01/07 03 53
Surrogate Dibromofluoromethane		56.2		ug/kg	50 0	112%	67 129			7075140	NQG2892-03	08/01/07 03 53
Surrogate Toluene-d8		53 7		ug/kg	50 0	107%	66 142			7075140	NQG2892-03	08/01/07 03 53
Surrogate 4 Bromofluorobenz ne		62 4		ug/kg	50 0	125%	68 150			7075140	NQG2892-03	08/01/07 03 53
7075140-MSD3												
Benzene	ND	45.5		ug/kg	50.0	91%	41 134	6	42	7075140	NQG2944-03	08/01/07 04 56
Ethylbenzene	ND	46 5		ug/kg	50.0	93%	27 143	5	42	7075140	NQG2944-03	08/01/07 04 56
Methyl tert Butyl Ether	5 48	40 7		ug/kg	50.0	70%	26 147	27	47	7075140	NQG2944-03	08/01/07 04 56
Toluene	ND	45 1		ug/kg	50 0	90%	31 145	5	50	7075140	NQG2944-03	08/01/07 04 56
Xylenes, total	ND	136		ug/kg	150	91%	27 140	6	50	7075140	NQG2944-03	08/01/07 04 56
Surrogate 1 2 Dichloroethane-d4		62 0		ug/kg	50 0	126%	54 145			7075140	NQG2944-03	08/01/07 04 56
Surrogate Dibromofluoromethane		54 6		g/kg	50 0	109%	67 129			7075140	NQG2944-03	08/01/07 04 56
Surrogate Toluene-d8		57 7		g/kg	50 0	115%	66 142			7075140	NQG2944-03	08/01/07 04 56
Surrogate 4 Bromofluorobenzene		64 4		ug/kg	50 0	129%	68 150			7075140	NQG2944-03	08/01/07 04 56
Polyaromatic Hydrocarbons by EPA 8270C SIM												
7075301-MSD1												
Acenaphthene	ND	0 0129	MB	mg/kg	0 0330	39%	43 114	13	38	7075301	NQG2944-03	08/01/07 15 49

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THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 800-765-0980 Fax 615-726 3404

Client: Conestoga Rovers & Assoc (BR) / Exxon (10318)
4915 South Sherwood Forest Blvd
Baton Rouge LA 70816
Attn: Cindy Smith

Work Order: NQG2944
Project Name: Exxon 5-0608 / 25881
Project Number: Exxon 5-0608/25881
Received: 07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup Cont.

Analyte	Orig Val.	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C SIM												
7075301-MSD1												
Acenaphthylene	ND	0 0142	M8	mg/kg	0 0330	43%	44 118	10	40	7075301	NQG2944-03	08/01/07 15 49
Anthracene	ND	0 0145	M8	mg/kg	0 0330	44%	45 139	8	37	7075301	NQG2944-03	08/01/07 15 49
Benzo (a) anthracene	ND	0 0139		mg/kg	0 0330	42%	39 122	4	37	7075301	NQG2944-03	08/01/07 15 49
Benzo (a) pyrene	ND	0 0125	M8	mg/kg	0 0330	38%	41 117	1	37	7075301	NQG2944-03	08/01/07 15 49
Benzo (b) fluoranthene	ND	0 0165		mg/kg	0 0330	50%	15 157	21	50	7075301	NQG2944-03	08/01/07 15 49
Benzo (g h,i) perylene	ND	0 0139		mg/kg	0 0330	42%	10 146	1	50	7075301	NQG2944-03	08/01/07 15 49
Benzo (k) fluoranthene	ND	0 0152		mg/kg	0 0330	46%	20 149	5	50	7075301	NQG2944-03	08/01/07 15 49
Chrysene	ND	0 0142		mg/kg	0 0330	43%	18 155	3	50	7075301	NQG2944-03	08/01/07 15 49
Dibenz (a,h) anthracene	ND	0 0132		mg/kg	0 0330	40%	10 163	1	42	7075301	NQG2944-03	08/01/07 15 49
Fluoranthene	ND	0 0145		mg/kg	0 0330	44%	11 149	3	43	7075301	NQG2944-03	08/01/07 15 49
Fluorene	ND	0 0142		mg/kg	0 0330	43%	26 149	12	30	7075301	NQG2944-03	08/01/07 15 49
Indeno (1 2,3-cd) pyrene	ND	0 0132		mg/kg	0 0330	40%	10 147	1	50	7075301	NQG2944-03	08/01/07 15 49
1 Methylnaphthalene	ND	0 0135		mg/kg	0 0333	41%	23 110	15	43	7075301	NQG2944-03	08/01/07 15 49
2 Methylnaphthalene	ND	0 0139		mg/kg	0 0330	42%	34 114	14	44	7075301	NQG2944-03	08/01/07 15 49
Naphthalene	ND	0 0139		mg/kg	0 0330	42%	36 113	14	353	7075301	NQG2944-03	08/01/07 15 49
Phenanthrene	ND	0 0139		mg/kg	0 0330	42%	10 154	6	50	7075301	NQG2944-03	08/01/07 15 49
Pyrene	ND	0 0149		mg/kg	0 0330	45%	10 173	5	50	7075301	NQG2944-03	08/01/07 15 49
Surrogate. Nitrobenzene-d5		0 0125		mg/kg	0 0330	38%	34 87			7075301	NQG2944-03	08/01/07 15 49
Surrogate. 2 Fluorobiphe yl		0 0135		mg/kg	0 0330	41%	30 93			7075301	NQG2944-03	08/01/07 15 49
Surrogate. T rphenyl-d14		0.0168		mg/kg	0 0330	51%	49 123			7075301	NQG2944-03	08/01/07 15 49
Extractable Petroleum Hydrocarbons												
7075304-MSD1												
Diesel	ND	37 1		mg/kg	39 1	95%	24 133	9	50	7075304	NQG2944-03	08/02/07 15 10
Surrogate o-Terphenyl		0 960		mg/kg	0.781	123%	32 132			7075304	NQG2944-03	08/02/07 15 10
Purgeable Petroleum Hydrocarbons												
7080333-MSD1												
>C6 to C8 Ali	2.74	7 96		mg/kg	5 00	104%	40 140	3	50	7080333	NQG2944-03	08/03/07 09 54
>C8 to C10 Ali	0.692	17 7		mg/kg	15.0	113%	40 140	3	50	7080333	NQG2944-03	08/03/07 09 54
>C8 to C10 Aro	0.387	13 0		mg/kg	12.5	101%	40 140	3	50	7080333	NQG2944-03	08/03/07 09 54
Surrogate 2,5 Dibromotoluene (FID)		51 8		ug/L	40 0	130%	70 130			7080333	NQG2944-03	08/03/07 09 54
Surrogate 2,5 Dibromotoluene (PID)		45 4		ug/L	40 0	114%	70 130			7080333	NQG2944-03	08/03/07 09 54
7080336-MSD1												
>C6 to C8 Al	ND	116		ug/L	100	116%	70 130	36	50	7080336	NQG2941-02	08/03/07 08 54
>C8 to C10 Ali	ND	331		ug/L	300	110%	70 130	30	50	7080336	NQG2941-02	08/03/07 08 54
>C8 to C10 Aro	1 11	235		ug/L	250	94%	70 130	35	50	7080336	NQG2941-02	08/03/07 08 54
Surrogate 2 5-Dibromotoluene (FID)		55 1	Z2	g/L	40 0	138%	70 130			7080336	NQG2941-02	08/03/07 08 54
Surrogate 2 5-Dibromotoluene (PID)		45 6		g/L	40.0	114%	70 130			7080336	NQG2941-02	08/03/07 08 54

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client	Conestoga-Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd.	Project Name	Exxon 5-0608 / 25881
	Baton Rouge, LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07.50

CERTIFICATION SUMMARY

TestAmerica Nashville, TN

Method	Matrix	AIHA	Nelac	Louisiana
MADEP VPH	Soil	N/A	X	X
MADEP VPH	Water	N/A	X	X
SW846 6010B	Soil	N/A	X	X
SW846 8015B	Soil	N/A	X	X
SW846 8260B	Soil	N/A	X	X
SW846 8260B	Water	N/A	X	X
SW846 8270CSIM	Soil	N/A	X	X

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Client	Conestoga-Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
MADEP VPH	Soil	>C6 to C8 Ali
		>C8 to C10 Ali
		>C8 to C10 Aro
	Water	>C6 to C8 Ali
		>C8 to C10 Ali
		>C8 to C10 Aro

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2944
	4915 South Sherwood Forest Blvd	Project Name	Exxon S 0608 / 25881
	Baton Rouge, LA 70816	Project Number	Exxon S-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

DATA QUALIFIERS AND DEFINITIONS

M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference See Blank Spike (LCS)
M8	The MS and/or MSD were below the acceptance limits See Blank Spike (LCS)
Z2	Surrogate recovery was above the acceptance limits Data not impacted.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica Nashville TN

COOLER RECEIPT FORM

NQG2944

Cooler Received/Opened On 7-27 07 7 50

1 Tracking # 6528 (last 4 digits FedEx)

Courier: Fedex IR Gun ID 101507

2 Temperature of rep sample or temp blank when opened 4.7 *Degrees Celsius*

3 If item #2 temperature is 0°C or less was the representative sample or temp blank frozen? YES NO (NA)

4 Were custody seals on outside of cooler? (YES) NO NA

If yes how many and where 3 Front

5 Were the seals intact signed and dated correctly? YES (NO) NA

6 Were custody papers inside cooler? (YES) NO NA

I certify that I opened the cooler and answered questions 1-6 (initial) JWS

7 Were custody seals on containers YES (NO) and intact YES NO (NA)

Were these signed and dated correctly? YES NO (NA)

8 Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper 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

13a. Were VOA vials received? (YES) NO NA

b Was there any observable headspace present in any VOA vial? YES (NO) NA

14 Was there a Trip Blank in this cooler? (YES) NO NA If multiple coolers sequence #

I certify that I unloaded the cooler and answered questions 7 14 (initial)

15a On pres'd bottles did pH test strips suggest preservation reached the correct pH level? YES NO (NA)

b Did the bottle labels indicate that the correct preservatives were used (YES) NO NA

If preservation in-house was needed record standard ID of preservative used here

16 Was residual chlorine present? YES NO (NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15 16 (initial)

17 Were custody papers properly filled out (ink signed etc)? (YES) NO NA

18 Did you sign the custody papers in the appropriate place? (YES) NO NA

19 Were correct containers used for the analysis requested? (YES) NO NA

20 Was sufficient amount of sample sent in each container? (YES) NO NA

I certify that I entered this project into LIMS and answered questions 17 20 (initial)

I certify that I attached a label with the unique LIMS number to each container (initial)

21 Were there Non-Conformance Issues at login? (YES) NO Was a PIPE generated? (YES) NO #

Not signed or dated

Received FBI which was not recorded on the COC

BIS = Broken in shipment

Cooler Receipt Form.doc LF 1

End of Form

Revised 4/18/07

DEQ EDMS Documen 36357074 Page 61 of 117

RETURN RESULTS TO CRA OFFICE NOTED

X Baton Rouge LA 225/292 9007

Shreveport LA 318/868-3003

CONESTOGA-ROVERS & ASSOCIATES
CHAIN-OF-CUSTODY RECORD

Document No

Purchase Order No Exxon Account # 10318

Page 1 of 3

Project No	Project Name
25881	Former Exxon Store No 5-0608

Samplers (Print/Signature) 1 Gustavo Douaihi / 2 / 3 /

Sample I D	Date (mm/dd/yy)	Time (hh mm)	Matrix	No of Containers	CONSTITUENTS: VOC ■ BTEX / ☐ MTBE / ☐ Other	SVOC ■ PAH / ☐ BNA / ☐ Other	TPH-GRO	TPH-DRO	TPH-ORO	TPH FRACTIONS ■ VPH / ☐ EPH	METALS ■ LEAD / ☐ RCRA / ☐ Other	SPLP	TDS				Remarks
					Y	N		N		Y	N						Preserved?
25881-072407 DP1(4-6)	07/24/07	0815	Soil	6	x	x		x		x	x						-1
25881-072407 DP1(8 10)	07/24/07	0825	Soil	6	x	x		x		x	x						-2
25881-072407 DP1(14 15)	07/24/07	0840	Soil	17	x	x		x		x	x						MS/MSD -3
25881 TB1	--		Water	1	x												-4
																	NQG2944
																	08/10/07 23 59

Note All analytical procedures and methods are described on the enclosed SSOW

H Hold for possible analysis See SSOW for instructions

Relinquished by (Signature)	Date	Time	Received by (Signature)	Relinquished by (Signature)	Date	Time	Received for Lab by (Signature)
	07/26/07	1600			7/27/07	0750	47°

ALL SAMPLES ICED IN THE FIELD AND DURING TRANSPORT TO THE LAB
X YES ____ NO

CRA Contact Gustavo Douaihi

TRANSPORTED BY
FedEx

LABORATORY
Test America

ANALYSES TO BE COMPLETED
____ FAST TURNAROUND ____ NORMAL TURNAROUND
DATE: ____ ____ CALL CRA WITH RESULTS UPON COMPLETION

WHITE (REPORT COPY) YELLOW (PROJECT MANAGER COPY)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

August 08 2007 4 10 14PM

Client Conestoga Rovers & Assoc (BR) / Exxon (10318)
4915 South Sherwood Forest Blvd
Baton Rouge LA 70816
Attn Cindy Smith

Work Order NQG2815
Project Name Exxon 5-0608 / 25881
Project Nbr Exxon 5-0608/25881
P/O Nbr 4507120916
Date Received 07/27/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
25881-072407 WR1	NQG2815 01	07/24/07 11 30
25881-072407 EB2	NQG2815 02	07/24/07 00 01
25881 TB3	NQG2815 03	07/24/07 00 01

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

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Louisiana Certification Number NELAP cert 01945 DW cert LA070020

The Chain(s) of Custody 5 pages are included and are an integral part of this report

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

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request
This report has been electronically signed
Report Approved By

Andi R Jones

Andi Jones

Project Management

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2815
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5 0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID NQG2815-01 (25881-072407 WR1 Water) Sampled 07/24/07 11 30									
Total Metals by EPA Method 6010B									
Lead	0.0150		mg/L	0 00500	1	07/31/07 13 41	SW846 6010B	CLO	7075322
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		ug/L	1 00	1	08/02/07 08 44	SW846 8260B	NGB	7080064
Ethylbenzene	7 19		ug/L	1 00	1	08/02/07 08 44	SW846 8260B	NGB	7080064
Methyl tert Butyl Ether	7 86		ug/L	1 00	1	08/02/07 08 44	SW846 8260B	NGB	7080064
Toluene	ND		ug/L	1 00	1	08/02/07 08 44	SW846 8260B	NGB	7080064
Xylenes total	5.64		ug/L	3 00	1	08/02/07 08 44	SW846 8260B	NGB	7080064
Surr 1 2 Dichloroethane-d4 (62 147%)	*112 %*					*08/02/07 08 44*	*SW846 8260B*	*NGB*	*7080064*
Surr Dibromofluoromethane (78-123%)	*97 %*					*08/02/07 08 44*	*SW846 8260B*	*NGB*	*7080064*
Surr Tol ene-d8 (79 120%)	*103 %*					*08/02/07 08 44*	*SW846 8260B*	*NGB*	*7080064*
Surr 4 Bromofluorobenzene (75 133%)	*99 %*					*08/02/07 08 44*	*SW846 8260B*	*NGB*	*7080064*
Polyaromatic Hydrocarbons by EPA 8270C SIM									
Acenaphthene	ND		ug/L	0 0952	1	07/30/07 19 04	SW846 8270CSIM	DAH	7075049
Acenaphthylene	ND		ug/L	0 0952	1	07/30/07 19-04	SW846 8270CSIM	DAH	7075049
Anthracene	ND		ug/L	0 0952	1	07/30/07 19-04	SW846 8270CSIM	DAH	7075049
Benzo (a) anthracene	ND		ug/L	0 0952	1	07/30/07 19-04	SW846 8270CSIM	DAH	7075049
Benzo (a) pyrene	ND		ug/L	0 0952	1	07/30/07 19-04	SW846 8270CSIM	DAH	7075049
Benzo (b) fluoranthene	ND		ug/L	0 0952	1	07/30/07 19 04	SW846 8270CSIM	DAH	7075049
Benzo (k) fluoranthene	ND		ug/L	0 0952	1	07/30/07 19-04	SW846 8270CSIM	DAH	7075049
Chrysene	ND		ug/L	0 0952	1	07/30/07 19-04	SW846 8270CSIM	DAH	7075049
Dibenz (a,h) anthracene	ND		ug/L	0 0952	1	07/30/07 19 04	SW846 8270CSIM	DAH	7075049
Fluoranthene	ND		ug/L	0 0952	1	07/30/07 19 04	SW846 8270CSIM	DAH	7075049
Fluorene	0.152		ug/L	0 0952	1	07/30/07 19 04	SW846 8270CSIM	DAH	7075049
Indeno (1,2 3-cd) pyrene	ND		ug/L	0 0952	1	07/30/07 19 04	SW846 8270CSIM	DAH	7075049
2 Methylnaphthalene	0.400		ug/L	0 0952	1	07/30/07 19 04	SW846 8270CSIM	DAH	7075049
Naphthalene	1 18		ug/L	0 0952	1	07/30/07 19 04	SW846 8270CSIM	DAH	7075049
Phenanthrene	0.133		ug/L	0 0952	1	07/30/07 19-04	SW846 8270CSIM	DAH	7075049
Pyrene	ND		ug/L	0 0952	1	07/30/07 19-04	SW846 8270CSIM	DAH	7075049
Surr Nitrobenzene-d5 (24-125%)	*72 %*					*07/30/07 19 04*	*SW846 8270CSIM*	*DAH*	*7075049*
Surr 2-Fluorobiphenyl (30-120%)	*77 %*					*07/30/07 19 04*	*SW846 8270CSIM*	*DAH*	*7075049*
Surr Terphenyl-d14 (29-149%)	*81 %*					*07/30/07 19 04*	*SW846 8270CSIM*	*DAH*	*7075049*
Extractable Petroleum Hydrocarbons									
Diesel	578		ug/L	95 2	1	08/01/07 01-02	SW846 8015B	bea	7075052
Surr o-Terphenyl (33 147%)	*130 %*					*08/01/07 01 02*	*SW846 8015B*	*bea*	*7075052*
Purgeable Petroleum Hydrocarbons									
>C6 to C8 Ali	ND		ug/L	100	1	08/02/07 15 03	MADEP VPH	JHC	7080336
>C8 to C10 Ali	ND		ug/L	100	1	08/02/07 15 03	MADEP VPH	JHC	7080336
>C8 to C10 Aro	ND		ug/L	100	1	08/02/07 15 03	MADEP VPH	JHC	7080336
Surr 2 5-Dibromotoluene (FID) (70-130%)	*136 %*	*Z2*				*08/02/07 15 03*	*MADEP VPH*	*JHC*	*7080336*
Surr 2 5-Dibromotoluene (PID) (70-130%)	*121 %*					*08/02/07 15 03*	*MADEP VPH*	*JHC*	*7080336*

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2960 Foster Creighton Road Nashville, TN 37204 800-765-0980 Fax 615-726-3404

Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2815
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID NQG2815-02 (25881-072407 EB2 Water) Sampled 07/24/07 00 01									
Total Metals by EPA Method 6010B									
Lead	ND		mg/L	0 00500	1	07/31/07 13 46	SW846 6010B	CLO	7075329
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		ug/L	1 00	1	08/02/07 09 08	SW846 8260B	NGB	7080064
Ethylbenzene	ND		ug/L	1 00	1	08/02/07 09-08	SW846 8260B	NGB	7080064
Methyl tert Butyl Ether	ND		ug/L	1 00	1	08/02/07 09-08	SW846 8260B	NGB	7080064
Toluene	ND		ug/L	1 00	1	08/02/07 09-08	SW846 8260B	NGB	7080064
Xylenes total	ND		ug/L	3 00	1	08/02/07 09-08	SW846 8260B	NGB	7080064
Surr 1 2-Dichloroethane-d4 (62 142%)	*109 %*					*08/02/07 09 08*	*SW846 8260B*	*NGB*	*7080064*
Surr Dibromofluoromethane (78-123%)	*97 %*					*08/02/07 09 08*	*SW846 8260B*	*NGB*	*7080064*
Surr Toluene-d8 (79-120%)	*104 %*					*08/02/07 09 08*	*SW846 8260B*	*NGB*	*7080064*
Surr 4-Bromofluorobenzene (75-133%)	*104 %*					*08/02/07 09 08*	*SW846 8260B*	*NGB*	*7080064*
Polyaromatic Hydrocarbons by EPA 8270C SIM									
Acenaphthene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Acenaphthylene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Anthracene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Benzo (a) anthracene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Benzo (a) pyrene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Benzo (b) fluoranthene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Benzo (k) fluoranthene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Chrysene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Dibenz (a,h) anthracene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Fluoranthene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Fluorene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Indeno (1,2,3-cd) pyrene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
2 Methylnaphthalene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Naphthalene	ND		ug/L	0 0952	1	07/30/07 19 25	SW846 8270CSIM	DAH	7075049
Phenanthrene	ND		ug/L	0 0952	1	07/30/07 19-25	SW846 8270CSIM	DAH	7075049
Pyrene	ND		ug/L	0 0952	1	07/30/07 19-25	SW846 8270CSIM	DAH	7075049
Surr Nitrobenzene-d5 (24 123%)	*55 %*					*07/30/07 19 25*	*SW846 8270CSIM*	*DAH*	*7075049*
Surr 2 Fluorobiphenyl (30-120%)	*66 %*					*07/30/07 19 25*	*SW846 8270CSIM*	*DAH*	*7075049*
Surr Terphenyl-d14 (29-149%)	*86 %*					*07/30/07 19 25*	*SW846 8270CSIM*	*DAH*	*7075049*
Extractable Petroleum Hydrocarbons									
Diesel	ND		ug/L	95 2	1	08/01/07 01 18	SW846 8015B	bea	7075052
Surr o-Terphenyl (33 147%)	*99 %*					*08/01/07 01 18*	*SW846 8015B*	*bea*	*7075052*
Purgeable Petroleum Hydrocarbons									
>C6 to C8 Ali	ND		ug/L	100	1	08/02/07 15 33	MADEP VPH	JHC	7080336
>C8 to C10 Ali	ND		ug/L	100	1	08/02/07 15.33	MADEP VPH	JHC	7080336
>C8 to C10 Aro	ND		ug/L	100	1	08/02/07 15.33	MADEP VPH	JHC	7080336
Surr 2 5 Dibromotoluene (FID) (70-130%)	*139 %*	*Z2*				*08/02/07 15 33*	*MADEP VPH*	*JHC*	*7080336*
Surr 2 5 Dibromotoluene (PID) (70-130%)	*119 %*					*08/02/07 15 33*	*MADEP VPH*	*JHC*	*7080336*

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2815
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5 0608/25881
Attn	Cindy Smith	Received	07/27/07 07.50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID NQG2815-03 (25881 TB3 Water) Sampled 07/24/07 00 01									
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		ug/L	1 00	1	08/02/07 01 24	SW846 8260B	NGB	708006
Ethylbenzene	ND		ug/L	1 00	1	08/02/07 01 24	SW846 8260B	NGB	708006
Methyl tert Butyl Ether	ND		ug/L	1 00	1	08/02/07 01 24	SW846 8260B	NGB	7080064
Toluene	ND		ug/L	1 00	1	08/02/07 01 24	SW846 8260B	NGB	7080064
Xylenes total	ND		ug/L	3 00	1	08/02/07 01 24	SW846 8260B	NGB	708006
Surr 1,2-Dichloroethane-d4 (62 142%)	*112 %*					*08/02/07 01 24*	*SW846 8260B*	*NGB*	*708006*
Surr Dibromofluoromethane (78 123%)	*100 %*					*08/02/07 01 24*	*SW846 8260B*	*NGB*	*7080064*
Surr Toluene-d8 (79-120%)	*102 %*					*08/02/07 01 24*	*SW846 8260B*	*NGB*	*7080064*
Surr 4 Bromofluorobenzene (75 133%)	*100 %*					*08/02/07 01 24*	*SW846 8260B*	*NGB*	*708006*

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2815
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07.50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
SW846 8015B	7075052	NQG2815-01	1050 00	1 00	07/30/07 07 10	DXP	EPA 3510C
SW846 8015B	7075052	NQG2815-02	1050 00	1 00	07/30/07 07 10	DXP	EPA 3510C
Polyaromatic Hydrocarbons by EPA 8270C SIM							
SW846 8270CSIM	7075049	NQG2815-01	1050 00	1 00	07/28/07 12 50	BJM	EPA 3510C
SW846 8270CSIM	7075049	NQG2815-02	1050 00	1 00	07/28/07 12 50	BJM	EPA 3510C
Purgeable Petroleum Hydrocarbons							
MADEP VPH	7080336	NQG2815-01	5 00	5 00	07/24/07 11 30	JHC	MADEP
MADEP VPH	7080336	NQG2815-02	5 00	5 00	07/24/07 00 01	JHC	MADEP
Total Metals by EPA Method 6010B							
SW846 6010B	7075329	NQG2815-01	50 00	50 00	07/31/07 10 00	AMB	EPA 3010A / 6010
SW846 6010B	7075329	NQG2815-02	50 00	50 00	07/31/07 10 00	AMB	EPA 3010A / 6010

TestAmerica
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2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2815
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07.50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
Total Metals by EPA Method 6010B						
7075329 BLK1						
Lead	<0.00300		mg/L	7075329	7075329-BLK1	07/31/07 13:27
Selected Volatile Organic Compounds by EPA Method 8260B						
7080064-BLK1						
Benzene	<0.330		ug/L	7080064	7080064-BLK1	08/02/07 00:36
Ethylbenzene	<0.420		ug/L	7080064	7080064-BLK1	08/02/07 00:36
Methyl tert-Butyl Ether	<0.310		ug/L	7080064	7080064-BLK1	08/02/07 00:36
Toluene	<0.420		ug/L	7080064	7080064-BLK1	08/02/07 00:36
Xylenes, total	<0.450		ug/L	7080064	7080064 BLK1	08/02/07 00:36
Surrogate: 1,2-Dichloroethane-d4	110%			7080064	7080064-BLK1	08/02/07 00:36
Surrogate: Dibromofluoromethane	98%			7080064	7080064-BLK1	08/02/07 00:36
Surrogate: Toluene-d8	101%			7080064	7080064-BLK1	08/02/07 00:36
Surrogate: 4-Bromofluorobenzene	103%			7080064	7080064-BLK1	08/02/07 00:36
Polyaromatic Hydrocarbons by EPA 8270C SIM						
7075049-BLK1						
Acenaphthene	<0.0420		ug/L	7075049	7075049-BLK1	07/30/07 13:53
Acenaphthylene	<0.0260		ug/L	7075049	7075049 BLK1	07/30/07 13:53
Anthracene	<0.0420		ug/L	7075049	7075049 BLK1	07/30/07 13:53
Benzo (a) anthracene	<0.0340		ug/L	7075049	7075049 BLK1	07/30/07 13:53
Benzo (a) pyrene	<0.0260		ug/L	7075049	7075049 BLK1	07/30/07 13:53
Benzo (b) fluoranthene	<0.0250		ug/L	7075049	7075049 BLK1	07/30/07 13:53
Benzo (g,h,i) perylene	<0.0250		ug/L	7075049	7075049 BLK1	07/30/07 13:53
Benzo (k) fluoranthene	<0.0250		ug/L	7075049	7075049 BLK1	07/30/07 13:53
Chrysene	<0.0350		ug/L	7075049	7075049 BLK1	07/30/07 13:53
Dibenz (a,h) anthracene	<0.0310		ug/L	7075049	7075049 BLK1	07/30/07 13:53
Fluoranthene	<0.0360		ug/L	7075049	7075049-BLK1	07/30/07 13:53
Fluorene	<0.0360		ug/L	7075049	7075049 BLK1	07/30/07 13:53
Indeno (1,2,3-cd) pyrene	<0.0250		ug/L	7075049	7075049-BLK1	07/30/07 13:53
1-Methylnaphthalene	<0.0430		ug/L	7075049	7075049-BLK1	07/30/07 13:53
2-Methylnaphthalene	<0.0810		ug/L	7075049	7075049-BLK1	07/30/07 13:53
Naphthalene	<0.0390		ug/L	7075049	7075049-BLK1	07/30/07 13:53
Phenanthrene	<0.0610		ug/L	7075049	7075049-BLK1	07/30/07 13:53
Pyrene	<0.0340		ug/L	7075049	7075049-BLK1	07/30/07 13:53
Surrogate: Nitrobenzene-d5	69%			7075049	7075049 BLK1	07/30/07 13:53
Surrogate: 2-Fluorobiphenyl	70%			7075049	7075049-BLK1	07/30/07 13:53
Surrogate: Terphenyl-d14	90%			7075049	7075049-BLK1	07/30/07 13:53
Extractable Petroleum Hydrocarbons						
7075052-BLK1						
Diesel	<37.0		ug/L	7075052	7075052 BLK1	07/31/07 21:55

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Client	Conestoga-Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2815
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Blank Cont.

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
Extractable Petroleum Hydrocarbons						
7075052-BLK1						
Surrogate o-Terphenyl	91%			7075052	7075052 BLK1	07/31/07 21.55
Purgeable Petroleum Hydrocarbons						
7080336-BLK1						
>C6 to C8 Ali	<50.0		ug/L	7080336	7080336-BLK1	08/02/07 12.33
>C8 to C10 Ali	<50 0		ug/L	7080336	7080336-BLK1	08/02/07 12 33
>C8 to C10 Aro	<50 0		ug/L	7080336	7080336-BLK1	08/02/07 12 33
Surrogate 2 5 Dibromotoluene (FID)	130%			7080336	7080336-BLK1	08/02/07 12 33
Surrogate 2 5-Dibromotoluene (PID)	110%			7080336	7080336-BLK1	08/02/07 12.33

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	4915 South Sherwood Forest Blvd.	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val	Analyzed Val	Q	Units	% Rec	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA Method 6010B								
7075329-BS1								
Lead	0 0500	0 0478		mg/L	96%	80 120	7075329	07/31/07 13 32
Selected Volatile Organic Compounds by EPA Method 8260B								
7080064-BS1								
Benzene	50 0	45 8		ug/L	92%	78 125	7080064	08/01/07 22 58
Ethylbenzene	50 0	53 6		ug/L	107%	73 134	7080064	08/01/07 22 58
Methyl tert Butyl Ether	50 0	47 1		ug/L	94%	69 122	7080064	08/01/07 22 58
Toluene	50 0	50.5		ug/L	101%	78 122	7080064	08/01/07 22 58
Xylenes, total	150	161		ug/L	107%	79 130	7080064	08/01/07 22 58
Surrogate 1,2-Dichloroethane-d4	30 0	32.5			108%	62 142	7080064	08/01/07 22 58
Surrogat Dibrom fluoromethane	30 0	29 7			99%	78 123	7080064	08/01/07 22 58
Surrogate Toluene-d8	30 0	31 0			103%	79 120	7080064	08/01/07 22 58
Surrogate 4-Bromofluorobenzene	30 0	29 0			97%	75 133	7080064	08/01/07 22 58
Polyaromatic Hydrocarbons by EPA 8270C SIM								
7075049-BS1								
Acenaphthene	1 00	0 750	MNR1	ug/L	75%	48 133	7075049	07/30/07 14 14
Acenaphthylene	1 00	0 790	MNR1	ug/L	79%	49 139	7075049	07/30/07 14 14
Anthracene	1 00	0 810	MNR1	ug/L	81%	55 146	7075049	07/30/07 14 14
Benzo (a) anthracene	1 00	0 790	MNR1	ug/L	79%	54 143	7075049	07/30/07 14 14
Benzo (a) pyrene	1 00	0 840	MNR1	ug/L	84%	47 140	7075049	07/30/07 14 14
Benzo (b) fluoranthene	1 00	0 860	MNR1	ug/L	86%	56 142	7075049	07/30/07 14 14
Benzo (g,h,i) perylene	1 00	0 710	MNR1	ug/L	71%	39 142	7075049	07/30/07 14 14
Benzo (k) fluoranthene	1 00	0 730	MNR1	ug/L	73%	54 147	7075049	07/30/07 14 14
Chrysene	1 00	0 810	MNR1	ug/L	81%	60 145	7075049	07/30/07 14 14
Dibenz (a,h) anthracene	1 00	0 760	MNR1	ug/L	76%	35 146	7075049	07/30/07 14 14
Fluoranthene	1 00	0 800	MNR1	ug/L	80%	56 135	7075049	07/30/07 14 14
Fluorene	1 00	0 770	MNR1	ug/L	77%	52 141	7075049	07/30/07 14 14
Indeno (1 2,3-cd) pyrene	1 00	0 740	MNR1	ug/L	74%	41 139	7075049	07/30/07 14 14
1 Methylnaphthalene	1 01	0 710	MNR1	ug/L	70%	4 130	7075049	07/30/07 14 14
2 Methylnaphthalene	1 00	0 720	MNR1	ug/L	72%	46 136	7075049	07/30/07 14 14
Naphthalene	1 00	0 720	MNR1	ug/L	72%	47 129	7075049	07/30/07 14 14
Phenanthrene	1 00	0 740	MNR1	ug/L	74%	50 133	7075049	07/30/07 14 14
Pyrene	1 00	0 860	MNR1	g/L	86%	56 140	7075049	07/30/07 14 14
Surrogate Nitrobenzene-d5	1 00	0 750			75%	24 125	7075049	07/30/07 14 14
Surrogate 2-Fluorobiphenyl	1 00	0 760			76%	30 120	7075049	07/30/07 14 14
Surrogate Terphenyl-d14	1 00	0 940			94%	29 149	7075049	07/30/07 14 14
Extractable Petroleum Hydrocarbons								
7075052-BS1								
Diesel	1000	780		ug/L	78%	38 123	7075052	07/31/07 22 11

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	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
LCS Cont

Analyte	Known Val	Analyzed Val	Q	Units	% Rec	Target Range	Batch	Analyzed Date/Time
Extractable Petroleum Hydrocarbons								
7075052-BS1								
Surrogate o-Terphenyl	20 0	20 4			102%	33 147	7075052	07/31/07 22 11
Purgeable Petroleum Hydrocarbons								
7080336-BS1								
>C6 to C8 Ali	100	97 5		ug/L	98%	70 130	7080336	08/03/07 10 54
>C8 to C10 Ali	300	306		ug/L	102%	70 130	7080336	08/03/07 10 54
>C8 to C10 Aro	250	223		ug/L	89%	70 130	7080336	08/03/07 10 54
>C10 to C12 Aro	50 0	62.0		ug/L	124%	70 130	7080336	08/03/07 10 54
>C10 to C12 Ali	100	97.3		ug/L	97%	70 130	7080336	08/03/07 10 54
Surrogate 2 5-Dibromotoluene (FID)	40 0	55.3	Z2		138%	70 130	7080336	08/03/07 10 54
Surrogate 2 5-Dibromotoluene (PID)	40 0	47.3			118%	70 130	7080336	08/03/07 10 54

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	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7075329-BSD1												
Lead		0 0498		mg/L	0 0500	100%	80 120	4	20	7075329		07/31/07 13 37
Selected Volatile Organic Compounds by EPA Method 8260B												
7080064-BSD1												
Benzene		46 1		ug/L	50 0	92/	78 125	0 5	15	7080064		08/01/07 23 23
Ethylbenzene		53 3		ug/L	50 0	107%	73 134	0 4	15	7080064		08/01/07 23 3
Methyl ter Butyl Ether		47 9		ug/L	50.0	96%	69 122	2	16	7080064		08/01/07 23 23
Toluene		50.2		ug/L	50 0	100%	78 122	0.6	15	7080064		08/01/07 23 23
Xylenes, total		160		ug/L	150	107%	79 130	0 7	16	7080064		08/01/07 23 23
Surrogate 1 2-Dichloroethane-d4		31 5		g/L	30.0	105%	62 142			7080064		08/01/07 23 23
Surrogate Dibromofluoromethane		29 4		ug/L	30.0	98%	78 123			7080064		08/01/07 23 23
Surrogate. Toluene-d8		31 2		ug/L	30.0	104%	79 120			7080064		08/01/07 23 23
Surrogate 4 Bromofluorobenzene		29 0		ug/L	30.0	97%	75 133			7080064		08/01/07 23 23
Extractable Petroleum Hydrocarbons												
7075052-BSD1												
Diesel		633		ug/L	1000	63%	38 123	21	50	7075052		07/31/07 22 27
Surrogate o-Terphenyl		18 6		ug/L	20.0	93%	33 147			7075052		07/31/07 22 27

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	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig Val	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 6010B										
7075329-MS1										
Lead	ND	0 0475		mg/L	0 0500	95%	75 125	7075329	NQG2815-02	07/31/07 13.51
Purgeable Petroleum Hydrocarbons										
7080336-MS1										
>C6 to C8 Ali	ND	80 7		ug/L	100	81%	70 130	7080336	NQG2941-02	08/02/07 23 33
>C8 to C10 Ali	ND	243		ug/L	300	81%	70 130	7080336	NQG2941-02	08/02/07 23 33
>C8 to C10 Aro	1 11	166	M2	ug/L	250	66%	70 130	7080336	NQG2941-02	08/02/07 23 33
Surrogate 2,5 Dibromotoluene (FID)		59 6	Z2	ug/L	40 0	149%	70 130	7080336	NQG2941-02	08/02/07 23 33
Surrogate 2,5 Dibromotoluene (PID)		48 4		ug/L	40 0	121%	70 130	7080336	NQG2941-02	08/02/07 23 33

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4915 South Sherwood Forest Blvd.
Baton Rouge LA 70816
Attn: Cindy Smith

Work Order: NQG2815
Project Name: Exxon 5-0608 / 25881
Project Number: Exxon 5-0608/25881
Received: 07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig Val	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7075329-MSD1												
Lead	ND	0 0493		mg/L	0 0500	99%	75 125	4	20	7075329	NQG2815-02	07/31/07 14 22
Purgeable Petroleum Hydrocarbons												
7080336-MSD1												
>C6 to C8 Ali	ND	116		ug/L	300	116%	70 130	36	50	7080336	NQG2941-02	08/03/07 08 54
>C8 to C10 Ali	ND	331		ug/L	300	110%	70 130	30	50	7080336	NQG2941-02	08/03/07 08 54
>C8 to C10 Aro	1 11	235		ug/L	250	94%	70 130	35	50	7080336	NQG2941-02	08/03/07 08 54
Surrogate 2,5 Dibromotoluene (FID)		55 1	Z2	ug/L	40.0	138%	70 130			7080336	NQG2941-02	08/03/07 08 54
Surrogate 2 5 D bromotolue e (PID)		45 6		ug/L	40 0	114%	70 130			7080336	NQG2941-02	08/03/07 08 54

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2815
	4915 South Sherwood Forest Blvd.	Project Name	Exxon 5-0608 / 25881
	Baton Rouge, LA 70816	Project Number	Exxon 5 0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

CERTIFICATION SUMMARY

TestAmerica Nashville, TN

Method	Matrix	AIHA	Nelac	Louisiana
MADEP VPH	Water	N/A	X	X
SW846 6010B	Water	N/A	X	X
SW846 8015B	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X
SW846 8270CSIM	Water	N/A	X	X

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	Baton Rouge LA 70816	Project Number	Exxon 5 0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
MADEP VPH	Water	>C6 to C8 Ali
		>C8 to C10 Ali
		>C8 to C10 Aro

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Attn	Cindy Smith	Received	07/27/07 07 50

DATA QUALIFIERS AND DEFINITIONS

M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference See Blank Spike (LCS)
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume See Blank Spike
Z2	Surrogate recovery was above the acceptance limits Data not impacted.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica Nashville TN

COOLER RECEIPT FORM

NQG2815

Cooler Received/Opened On 07/27/07 @ 07 50

1 Tracking # 6542 (last 4 digits FedEx)

Courier ____FED-EX IR Gun ID_A01124

2. Temperature of rep sample or temp blank when opened 4.7 Degrees Celsius

3. If Item #2 temperature is 0 C or less was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? (YES) NO NA

If yes how many and where FRONT, BACK & NO DATE OR SIGNATURE

5 Were the seals intact signed and dated correctly? YES (NO) NA

6. Were custody papers inside cooler? (YES) NO NA

I certify that I opened the cooler and answered questions 1-6 (initial) [initials]

7 Were custody seals on containers YES (NO) and intact YES NO (NA)

Were these signed and dated correctly? YES NO (NA)

8 Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper 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

13a. Were VOA vials received? (YES) NO NA

b Was there any observable headspace present in any VOA vial? YES NO NA

14 Was there a Trip Blank in this cooler? (YES) NO NA If multiple coolers sequence # [initials]

I certify that I unloaded the cooler and answered questions 7 14 (initial) [initials]

15a. On pres d bottles did pH test strips suggest preservation reached the correct pH level? YES NO (NA)

b Did the bottle labels indicate that the correct preservatives were used (YES) NO NA

If preservation in-house was needed record standard ID of preservative used here ____

16 Was residual chlorine present? YES NO (NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15 16 (initial) [initials]

17 Were custody papers properly filled out (ink, signed etc)? (YES) NO NA

18 Did you sign the custody papers in the appropriate place? (YES) NO NA

19 Were correct containers used for the analysis requested? (YES) NO NA

20 Was sufficient amount of sample sent in each container? (YES) NO NA

I certify that I entered this project into LIMS and answered questions 17 20 (initial) [initials]

I certify that I attached a label with the unique LIMS number to each container (initial) [initials]

21 Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO #____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF 1
End of Form

Revised 4/18/07

RETURN RESULTS TO CRA OFFICE NOTED

X Baton Rouge LA 225/292-9007

Shreveport, LA 318/868-3003

CONESTOGA-ROVERS & ASSOCIATES
CHAIN-OF-CUSTODY RECORD

Document No

Purchase Order No Exxon Account # 10318

Page 3 of 3

NQG2815
08/10/07 23 59

Project Name

Former Exxon Store No 5-0608

Samplers (Print/Signature) 1 Gustavo Doualhi /

2 /

3 /

Sample I D	Date (mm/dd/yy)	Time (hh mm)	Matrix	No of Containers	CONSTITUENTS: VOC ■ BTEX / ☐ MTBE / ☐ Other	SVOC ■ PAH / ☐ BNA / ☐ Other	TPH-GRO	TPH DRO	TPH-ORO	TPH FRACTIONS ■ VPH / ☐ EPH	METALS ■ LEAD / ☐ RCRA / ☐ Other	SPLP	TDS			Remarks
					Y	N		Y		Y	Y					Preserved?
25881-072407 WR1	07/24/07	---	Soil	10	x	x		x		x	x					
25881-072407 EB2	07/24/07	1130	Soil	9	x	x		x		x	x					
25881 TB3	--		Water	1	x											

Note All analytical procedures and methods are described on the enclosed SSOW

H Hold for possible analysis See SSOW for instructions

Remarks

Relinquished by (Signature)	Date	Time	Received by (Signature)	Relinquished by (Signature)	Date	Time	Received for Lab by (Signature)
	07/26/07	1600					

ALL SAMPLES ICED IN THE FIELD AND DURING TRANSPORT TO THE LAB
X YES ___ NO

CRA Contact Gustavo Doualhi

TRANSPORTED BY
FedEx

LABORATORY
Test America

ANALYSES TO BE COMPLETED

___ FAST TURNAROUND ___ NORMAL TURNAROUND

DATE 7/26/07 ___ CALL CRA WITH RESULTS UPON COMPLETION

WHITE (REPORT COPY) YELLOW (PROJECT MANAGER COPY)

IDEQ-EDMS Document 36357074 Page 78 of 117

CRA Simplified Scope of Work (SSOW)

SSOW Ref Code:

Project Summary

Project Name: Former Exxon Retail Store No 5-0608
Project No./Phase/Task: 25881
Project Location: 4555 Essen Lane, Baton Rouge, LA
Client Name: Exxon
QAPP Title: none

Database Summary

Database Maintained: ☑ Yes ☐ No
Database Contact: Ryan Stevenson
Database Location: Waterloo, ON

Note: is there more than one laboratory for this event? (SSOW__ of __) ☐ Yes ☑ No

Event Summary

Phase/Study Title: Additional Site Investigation
Event Description: Additional Site Investigation
Start Date: 7/20/07
Sampling Duration: one day
Sampling Frequency: one-time

Rush TAT: ☑ NA
Final Report & EDD TAT: Standard
Sample Batching: sample event
Date Bottles Required: PM will order bottles
Bottle Shipping Address: 4915 S Sherwood Forest Blvd
Baton Rouge, LA 70816
Phone Number: 225-292 9007
Attention: Gustavo Douaihi
Pre-printed Labels Required: ☐ Yes ☑ No *If yes, see attached Pre-Printed Sample Bottle Labels Specifications*

Contacts	Name	Address	Phone	Cell	Email
Client Project Manager	Exxon				
Consulting Firm:	CRA				
Project Manager	Gustavo Douaihi	4915 S Sherwood Forest Blvd., Baton Rouge LA 70816	716-206-0202		gdouaihi@craworld.com
Field Leader	Gustavo Douaihi	4915 S Sherwood Forest Blvd. Baton Rouge LA 70816	716-206-0202		
Laboratory (Vendor):	TestAmerica, Nashville				
Lab Project Manager	Andi Jones	2960 Foster Creighton Drive, Nashville Tennessee 37204	800-765-0980		ajones@testamericainc.com
Chemistry/Data Mgt. Firm	CRA				
Chemist	Bevilacqua, Karen	2371 George Urban Blvd. ,Depew New York 14043	716-206-0202		kbevilacqua@craworld.com
Data Manager	Stevenson, Ryan				rstevenson@craworld.com

Lab Deliverables

EDD Format: ☐ CRA EQuIS EZEDD ☑ CRA EQuIS 4-File ☐ Other
Hardcopy Level Requested: ☑ CRA Standard ☐ Expanded ☐ Other
CRA Data Review Level: ☑ Compliance ☐ Reduced validation ☐ Full Validation

Additional Reporting Requirements

Form 1's include: ☐ PCLs ☐ PQLs ☐ J Values
TICs: ☐ Yes ☑ No
Soils: ☐ Dry ☑ Wet

Lab Deliverables Distribution

Rush TAT Data (email deliverable only) Distribution List:
Final Report CRA Hardcopy to: Gustavo Douaihi 2nd Hardcopy to:

Data Management Deliverables

☑ EQuIS Database ☐ Case Tab Table ☐ Flat File ☐ Database ☑ Other (please specify): RECAP x-tab

Data Management Deliverables Distribution

Distribution List: Gustavo Douaihi
Data Management DV TAT: Standard

Comments

ExxonMobil contract pricing applies
All analytical data must meet Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) October 2003 requirements.
Email PDF and EQuIS EDD in the CRA format to EDDs@craworld.com.
** additional Final Lab Report copy (in .pdf format) will be available on CRA's FTP site, for access to the FTP site, please contact project Chemist

SSOW Email Distribution List: gdouaihi@craworld.com, ajones@testamericainc.com, kbevilacqua@craworld.com, rstevenson@craworld.com

Prepared By:	Karen Bevilacqua	Date:	07/18/07	Revision No.:		Revision Date:	

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CRA Simplified Scope of Work (SSOW)

Project Name: Former Exxon Retail Store No. 5-0608
Project No./Phase/Task: 25881
Project Location: 4555 Essen Lane, Baton Rouge, LA

Phase/Study Title: Additional Site Investigation
Event Description: Additional Site Investigation

Item	Sample Matrix	Analytical Parameters	Analytical Methods	EQuIS Analytical Method Code	Unit Prices	Applicable Surcharge Multiplier (1)	Extended Prices	Estimated Sample Qty/Event	Field QC Samples: MS	MSD	Lab Dup	Trip Blk	FrBlk	Fd Dup	Fd Blk	Total Sample Qty.	Billable Samples	Estimated Cost/Event
1	Soil	BTEX and MTBE	8260B			1.00		3	1	1						5	5	
2	Soil	PAHs	8270C			1.00		3	1	1						5	5	
3	Soil	TPH-DRO	8015B			1.00		3	1	1						5	5	
4	Soil	TPH Fractions (VPH)	MADEP VPH			1.00		3	1	1						5	5	
5	Soil	Lead	6010B			1.00		3	1	1						5	5	
6	Water	BTEX and MTBE	8260B			1.00		2				1	2	1	1	7	7	
7	Water	PAHs	8270C			1.00		2					2	1	1	6	6	
8	Water	TPH-DRO	8015B			1.00		2					2	1	1	6	6	
9	Water	TPH Fractions (VPH)	MADEP VPH			1.00		2					2	1	1	6	6	
10	Water	Lead	6010B			1.00		2					2	1	1	6	6	
11		Terra Core Kits						8								8	8	

Explanation of Surcharges

Estimated Event Subtotal: $0.00
Laboratory Surcharge(s): #VALUE!
Estimated Event Total Costs: $0.00

Lab Contracting Summary

Governing Terms and Conditions

- ☐ Master Agreement Number: _____
- ☐ Exhibit A Terms and Conditions
- ☑ Client Contract

CRA Purchase Order Number:
Other Additional Insureds:
Governing Law: Louisiana
Address Invoice to: Direct Bill Exxon

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CRA Simplified Scope of Work (SSOW)

Project Name	Former Exxon Retail Store No. 5-0608	**Phase/Study Title**	Additional Site Investigation
Project No./Phase/Task.	25881	**Event Description**	Additional Site Investigation
Project Location	4555 Essen Lane Baton Rouge, LA		

Parameter	*Analytes*	*Action Limits (soils mg/Kg)*	*Action Limits (waters mg/L)*
		Lab reporting limits must not exceed RECAP Screening Standards	
VOCs	Benzene	0 051	0 005
	Ethylbenzene	19	0 7
	Toluene	20	1
	Xylenes	18	10
	MTBE	0 077	0 02
PAHs	Acenaphthene	220	0 037
	Acenaphthylene	88	0 1
	Anthracene	120	0 043
	Benz(a)anthracene	0 62	0 0078
	Benzo(a)pyrene	0 33	0 0002
	Benzo(b)fluoranthene	0 62	0 0048
	Benzo(k)fluoranthene	6 2	0 0025
	Chrysene	62	0 0018
	Dibenz(a,h)anthracene	0.33	0 0025
	Fluoranthene	220	0.15
	Fluorene	230	0.024
	Indeno(1 2 3-cd)pyrene	0 62	0 0037
	Methylnaphthalene,2-	1 7	0 00062
	Naphthalene	1 5	0 01
	Phenanthrene	660	0 18
	Pyrene	230	0 018
TPH Fractions (VPH)	Aliphatics C6-C8	1200	3 2
	Aliphatics >C8-C10	120	0 15
	Aromatics >C8-C10	65	0 15
Metals	Lead	100	0 015

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

August 09 2007 2 46 49PM

Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2941
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5 0608 / 25881
	Baton Rouge LA 70816	Project Nbr	Exxon 5 0608/25881
Attn	Cindy Smith	P/O Nbr	4507120916
		Date Received	07/27/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
25581-072407 DP1	NQG2941-01	07/24/07 11 00
25581-072407 EB1	NQG2941 02	07/24/07 11 15
25881 TB2	NQG2941 03	07/24/07 00 01

An executed copy of the chain of custody the project quality control data and the sample receipt form are also included as an addendum to this report If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1 800 765 0980 Any opinions, if expressed are outside the scope of the Laboratory's accreditation

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Louisiana Certification Number NELAP cert 01945 DW cert LA070020

The Chain(s) of Custody 2 pages are included and are an integral part of this report

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

All solids results are reported in wet weight unless specifically stated
Estimated uncertainty is available upon request
This report has been electronically signed
Report Approved By

Andi R Jones

Andi Jones

Project Management

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2941
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID NQG2941-01 (25581-072407 DP1 Water) Sampled 07/24/07 11 00									
Total Metals by EPA Method 6010B									
Lead	0.00780		mg/L	0 00500	1	07/31/07 14 40	SW846 6010B	CLO	7075325
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		ug/L	1 00	1	08/03/07 07 16	SW846 8260B	EML	7080078
Ethylbenzene	7 94		ug/L	1 00	1	08/03/07 07 16	SW846 8260B	EML	7080078
Methyl tert Butyl Ether	7 10		ug/L	1 00	1	08/03/07 07 16	SW846 8260B	EML	7080078
Toluene	ND		ug/L	1 00	1	08/03/07 07 16	SW846 8260B	EML	7080078
Xylenes total	6.21		ug/L	3 00	1	08/03/07 07 16	SW846 8260B	EML	7080078
Surr 1,2 Dichloroethane-d4 (62 142%)	*89 %*					*08/03/07 07 16*	*SW846 8260B*	*EML*	*7080078*
Surr Dibromofluoromethane (78 123%)	*91 %*					*08/03/07 07 16*	*SW846 8260B*	*EML*	*7080078*
Surr Toluene-d8 (79-120%)	*99 %*					*08/03/07 07 16*	*SW846 8260B*	*EML*	*7080078*
Surr 4-Bromofluorobenzene (75 133%)	*97 %*					*08/03/07 07 16*	*SW846 8260B*	*EML*	*7080078*
Polyaromatic Hydrocarbons by EPA 8270C SIM									
Acenaphthene	ND		ug/L	0 0952	1	07/31/07 22 26	SW846 8270CSIM	DAH	7075261
Acenaphthylene	ND		ug/L	0 0952	1	07/31/07 22.26	SW846 8270CSIM	DAH	7075261
Anthracene	ND		ug/L	0 0952	1	07/31/07 22 26	SW846 8270CSIM	DAH	7075261
Benzo (a) anthracene	ND		ug/L	0 0952	1	07/31/07 22.26	SW846 8270CSIM	DAH	7075261
Benzo (a) pyrene	ND		ug/L	0 0952	1	07/31/07 22 26	SW846 8270CSIM	DAH	7075261
Benzo (b) fluoranthene	ND		ug/L	0 0952	1	07/31/07 22 26	SW846 8270CSIM	DAH	7075261
Benzo (k) fluoranthene	ND		ug/L	0 0952	1	07/31/07 22 26	SW846 8270CSIM	DAH	7075261
Chrysene	ND		ug/L	0 0952	1	07/31/07 22 26	SW846 8270CSIM	DAH	7075261
Dibenz (a,h) anthracene	ND		ug/L	0 0952	1	07/31/07 22 26	SW846 8270CSIM	DAH	7075261
Fluoranthene	ND		ug/L	0 0952	1	07/31/07 22 26	SW846 8270CSIM	DAH	7075261
Fluorene	0.152		ug/L	0 0952	1	07/31/07 22 26	SW846 8270CSIM	DAH	7075261
Indeno (1,2 3-cd) pyrene	ND		ug/L	0 0952	1	07/31/07 22.26	SW846 8270CSIM	DAH	7075261
2-Methylnaphthalene	0.419		ug/L	0 0952	1	07/31/07 22.26	SW846 8270CSIM	DAH	7075261
Naphthalene	1.57		ug/L	0 0952	1	07/31/07 22.26	SW846 8270CSIM	DAH	7075261
Phenanthrene	0.105		ug/L	0 0952	1	07/31/07 22.26	SW846 8270CSIM	DAH	7075261
Pyrene	ND		ug/L	0 0952	1	07/31/07 22 26	SW846 8270CSIM	DAH	7075261
S rr Nitrobenzene-d5 (24-125%)	*63 %*					*07/31/07 22 26*	*SW846 8270CSIM*	*DAH*	*7075261*
Surr 2 Fluorobiphenyl (30-120%)	*73 %*					*07/31/07 22 26*	*SW846 8270CSIM*	*DAH*	*7075261*
S rr Terphenyl-d14 (29-149%)	*8 %*					*07/31/07 22 26*	*SW846 8270CSIM*	*DAH*	*7075261*
Extractable Petroleum Hydrocarbons									
Diesel	559		ug/L	98 0	1	08/01/07 18 25	SW846 8015B	bca	7075276
Surr o-Terphenyl (33 147%)	*65 %*					*08/01/07 18 25*	*SW846 8015B*	*bca*	*7075276*
Purgeable Petroleum Hydrocarbons									
>C6 to C8 Ali	ND		ug/L	100	1	08/02/07 13.33	MADEP VPH	JHC	7080336
>C8 to C10 Ali	ND		ug/L	100	1	08/02/07 13.33	MADEP VPH	JHC	7080336
>C8 to C10 Aro	ND		ug/L	100	1	08/02/07 13.33	MADEP VPH	JHC	7080336
Surr 2 5 Dibromotoluene (FID) (70-130%)	*133 %*	*Z2*				*08/02/07 13 33*	*MADEP VPH*	*JHC*	*7080336*
Surr 5 D bromotoluen (PID) (70-130%)	*118 %*					*08/02/07 13 33*	*MADEP VPH*	*JHC*	*7080336*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 800-765-0980 Fax 615-726-3404

Client: Conestoga Rovers & Assoc (BR) / Exxon (10318)
4915 South Sherwood Forest Blvd
Baton Rouge LA 70816
Attn: Cindy Smith

Work Order: NQG2941
Project Name: Exxon 5-0608 / 25881
Project Number: Exxon 5-0608/25881
Received: 07/27/07 07 50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID NQG2941-02 (25581-072407 EB1 Water) Sampled 07/24/07 11 15									
Total Metals by EPA Method 6010B									
Lead	ND		mg/L	0 00500	1	07/31/07 14 45	SW846 6010B	CLO	7075329
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		ug/L	1 00	1	08/03/07 07 41	SW846 8260B	EML	7080078
Ethylbenzene	ND		ug/L	1 00	1	08/03/07 07 41	SW846 8260B	EML	7080078
Methyl tert Butyl Ether	ND		ug/L	1 00	1	08/03/07 07 41	SW846 8260B	EML	7080078
Toluene	ND		ug/L	1 00	1	08/03/07 07 41	SW846 8260B	EML	7080078
Xylenes total	ND		ug/L	3 00	1	08/03/07 07 41	SW846 8260B	EML	7080078
Surr 1 2 Dichloroethane-d4 (62 142%)	*91 %*					*08/03/07 07 41*	*SW846 8260B*	*EML*	*7080078*
Surr Dibromofluoromethane (78 123%)	*92 %*					*08/03/07 07 41*	*SW846 8260B*	*EML*	*7080078*
Surr Toluene-d8 (79-120%)	*100 %*					*08/03/07 07 41*	*SW846 8260B*	*EML*	*7080078*
Surr 4 Bromofluorobenzene (75-133%)	*97 %*					*08/03/07 07 41*	*SW846 8260B*	*EML*	*7080078*
Polyaromatic Hydrocarbons by EPA 8270C SIM									
Acenaphthene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Acenaphthylene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Anthracene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Benzo (a) anthracene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Benzo (a) pyrene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Benzo (b) fluoranthene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Benzo (k) fluoranthene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Chrysene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Dibenz (a,h) anthracene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Fluoranthene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Fluorene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Indeno (1 2,3-cd) pyrene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
2-Methylnaphthalene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Naphthalene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Phenanthrene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Pyrene	ND		ug/L	0 0952	1	07/31/07 22 47	SW846 8270CSIM	DAH	7075261
Surr Nitrobenzene-d5 (24-125%)	*60 %*					*07/31/07 22 47*	*SW846 8270CSIM*	*DAH*	*7075261*
Surr 2 Fluorobiphenyl (30-120%)	*72 %*					*07/31/07 22 47*	*SW846 8270CSIM*	*DAH*	*7075261*
Surr Terphenyl-d14 (29-149%)	*90 %*					*07/31/07 22 47*	*SW846 8270CSIM*	*DAH*	*7075261*
Extractable Petroleum Hydrocarbons									
Diesel	ND		ug/L	97 1	1	08/01/07 18 41	SW846 8015B	bca	7075276
Surr o-Terphenyl (33 147%)	*92 %*					*08/01/07 18 41*	*SW846 8015B*	*bca*	*7075276*
Purgeable Petroleum Hydrocarbons									
>C6 to C8 Ali	ND		ug/L	100	1	08/02/07 14 03	MADEP VPH	JHC	7080336
>C8 to C10 Ali	ND		ug/L	100	1	08/02/07 14 03	MADEP VPH	JHC	7080336
>C8 to C10 Aro	ND	M2	ug/L	100	1	08/02/07 14 03	MADEP VPH	JHC	7080336
Surr 2,5-Dibromotoluene (FID) (70-130%)	*136 %*	*Z2*				*08/02/07 14 03*	*MADEP VPH*	*JHC*	*7080336*
Surr 2,5 Dibromotoluene (PID) (70-130%)	*116 %*					*08/02/07 14 03*	*MADEP VPH*	*JHC*	*7080336*

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2941
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Analyst	Batch
Sample ID NQG2941 03 (25881 TB2 Water) Sampled 07/24/07 00 01									
Selected Volatile Organic Compounds by EPA Method 8260B									
Benzene	ND		ug/L	1 00	1	08/02/07 13 29	SW846 8260B	EML	708007
Ethylbenzene	ND		ug/L	1 00	1	08/02/07 13 29	SW846 8260B	EML	708007
Methyl tert Butyl Ether	ND		ug/L	1 00	1	08/02/07 13 29	SW846 8260B	EML	708007
Toluene	ND		ug/L	1 00	1	08/02/07 13 29	SW846 8260B	EML	7080075
Xylenes total	ND		ug/L	3 00	1	08/02/07 13 29	SW846 8260B	EML	708007
Surr 1 2 Dichloroethane-d4 (62 142%)	*98 %*					*08/02/07 13 29*	*SW846 8260B*	*EML*	*708007*
Surr Dibromofluoromethane (78-123%)	*96 %*					*08/02/07 13 29*	*SW846 8260B*	*EML*	*708007*
Surr Toluene-d8 (79-120%)	*99 %*					*08/02/07 13 29*	*SW846 8260B*	*EML*	*7080075*
Surr 4 Bromofluorobenzene (75-133%)	*98 %*					*08/02/07 13 29*	*SW846 8260B*	*EML*	*708007*

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2941
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons							
SW846 8015B	7075276	NQG2941-01	1020 00	1.00	07/30/07 11 36	LRW	EPA 3510C
SW846 8015B	7075276	NQG2941-02	1030 00	1 00	07/30/07 11 36	LRW	EPA 3510C
Polyaromatic Hydrocarbons by EPA 8270C SIM							
SW846 8270CSIM	7075261	NQG2941-01	1050 00	1 00	07/30/07 10 25	MJH	EPA 3510C
SW846 8270CSIM	7075261	NQG2941-02	1050 00	1 00	07/30/07 10 25	MJH	EPA 3510C
Purgeable Petroleum Hydrocarbons							
MADEP VPH	7080336	NQG2941-01	5 00	5.00	07/24/07 11 00	JHC	MADEP
MADEP VPH	7080336	NQG2941-02	5 00	5 00	07/24/07 11 15	JHC	MADEP
Total Metals by EPA Method 6010B							
SW846 6010B	7075329	NQG2941-01	50 00	50 00	07/31/07 10 00	AMB	EPA 3010A / 6010
SW846 6010B	7075329	NQG2941-02	50 00	50 00	07/31/07 10 00	AMB	EPA 3010A / 6010

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2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2941
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
Total Metals by EPA Method 6010B						
7075329-BLK1						
Lead	<0 00300		mg/L	7075329	7075329-BLK1	07/31/07 13 27
Selected Volatile Organic Compounds by EPA Method 8260B						
7080075-BLK1						
Benzene	<0 330		ug/L	7080075	7080075-BLK1	08/02/0 12 14
Ethylbenzene	<0 420		ug/L	7080075	7080075-BLK1	08/02/07 12 14
Methyl tert Butyl Ether	<0 310		ug/L	7080075	7080075 BLK1	08/02/07 12 14
Toluene	<0 420		ug/L	7080075	7080075-BLK1	08/02/07 12 14
Xylenes, total	<0 450		ug/L	7080075	7080075 BLK1	08/02/07 12 14
Surrogate 1 2 Dichloroethane-d4	96%			7080075	7080075-BLK1	08/02/07 12 14
Surrogate Dibromofluorome hane	95%			7080075	7080075-BLK1	08/02/07 12 14
Surrogate Toluene-d8	98%			7080075	7080075-BLK1	08/02/07 12 14
Surrogate 4 Bromofluorobenzene	97%			7080075	7080075 BLK1	08/02/07 12 14
7080078-BLK1						
Benzene	<0 330		ug/L	7080078	7080078-BLK1	08/02/07 23 50
Ethylbenzene	<0 420		ug/L	7080078	7080078-BLK1	08/02/07 23 50
Methyl tert Butyl Ether	<0 310		g/L	7080078	7080078 BLK1	08/02/07 23 50
Toluene	<0 420		ug/L	7080078	7080078 BLK1	08/02/07 23 50
Xylenes total	<0 450		ug/L	7080078	7080078 BLK1	08/02/07 23 50
Surrogate 1 2 D chloroethane d4	91%			7080078	7080078 BLK1	08/02/07 23 50
Surrogate Dibromofl uromethane	91%			7080078	7080078-BLK1	08/02/07 23 50
Surrogate Toluene-d8	99%			7080078	7080078 BLK1	08/02/07 23 50
Surrogate 4 Bromofluorobenzene	99%			7080078	7080078-BLK1	08/02/07 23 50
Polyaromatic Hydrocarbons by EPA 8270C SIM						
7075261-BLK1						
Acenaphthene	<0 0420		ug/L	7075261	7075261 BLK1	07/31/07 20 22
Acenaphthylene	<0 0260		ug/L	7075261	7075261 BLK1	07/31/07 20 22
Anthracene	<0 0420		ug/L	7075261	7075261 BLK1	07/31/0 20 22
Benzo (a) anthracene	<0 0340		ug/L	7075261	7075261 BLK1	07/31/07 20 22
Benzo (a) pyrene	<0 0260		ug/L	7075261	7075261 BLK1	07/31/07 20 22
Benzo (b) fluoranthene	<0 0250		ug/L	7075261	7075261 BLK1	07/31/07 20 22
Benzo (g,h i) perylene	<0 0250		g/L	7075261	7075261-BLK1	07/31/07 20 22
Benzo (k) fluoranthene	<0 0250		g/L	7075261	7075261 BLK1	07/31/07 20 22
Chrysene	<0 0350		ug/L	7075261	7075261 BLK1	07/31/07 20 22
Dibenz (a,h) anthracene	<0 0310		ug/L	7075261	7075261 BLK1	07/31/07 20 22
Fluoranthene	<0 0360		ug/L	7075261	7075261 BLK1	07/31/07 20 22
Fluorene	<0 0360		ug/L	7075261	7075261 BLK1	07/31/07 20 22
Indeno (1,2,3-cd) pyrene	<0 0250		ug/L	7075261	7075261 BLK1	07/31/07 20 22
1 Methylnaphthalene	<0 0430		ug/L	7075261	7075261 BLK1	07/31/07 20 22
2 Methylnaphthalene	<0 0810		ug/L	7075261	7075261 BLK1	07/31/07 20 22

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville TN 37204 800 765-0980 Fax 615-726 3404

Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2941
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Blank Cont.

Analyte	Blank Value	Q	Units	Q C Batch	Lab Number	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C SIM						
7075261-BLK1						
Naphthalene	<0 0390		ug/L	7075261	7075261 BLK1	07/31/07 20 22
Phenanthrene	<0 0610		ug/L	7075261	7075261 BLK1	07/31/07 20 22
Pyrene	<0 0340		ug/L	7075261	7075261 BLK1	07/31/07 20 22
S rrogate Nitrobenzene-d5	66%			7075261	7075261 BLK1	07/31/07 20 22
Surrogate 2 Fluorobiphenyl	68%			7075261	7075261 BLK1	07/31/07 20 22
Surrogate Terphenyl-d14	90%			7075261	7075261 BLK1	07/31/07 20 22
Extractable Petroleum Hydrocarbons						
7075276-BLK1						
Diesel	<37 0		ug/L	7075276	7075276-BLK1	08/01/07 15 16
Surrogate o-Terphenyl	101%			7075276	7075276-BLK1	08/01/07 15 16
Purgeable Petroleum Hydrocarbons						
7080336-BLK1						
>C6 to C8 Ali	<50 0		ug/L	7080336	7080336-BLK1	08/02/07 12 33
>C8 to C10 Ali	<50 0		ug/L	7080336	7080336-BLK1	08/02/07 12 33
>C8 to C10 Aro	<50 0		ug/L	7080336	7080336-BLK1	08/02/07 12 33
Surrogate 2 5-Dibromotoluene (FID)	130%			7080336	7080336-BLK1	08/02/07 12 33
Surrogate 2 5-Dibromotoluene (PID)	110%			7080336	7080336-BLK1	08/02/07 12 33

TestAmerica
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2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client: Conestoga Rovers & Assoc (BR) / Exxon (10318)
4915 South Sherwood Forest Blvd
Baton Rouge LA 70816
Attn: Cindy Smith

Work Order: NQG2941
Project Name: Exxon 5-0608 / 25881
Project Number: Exxon 5-0608/25881
Received: 07/27/07 07 50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val	Analyzed Val	Q	Units	% Rec	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA Method 6010B								
7075329 BS1								
Lead	0 0500	0 0478		mg/L	96%	80 120	7075329	07/31/07 13 32
Selected Volatile Organic Compounds by EPA Method 8260B								
7080075-BS1								
Benzene	50 0	48 7		ug/L	97%	78 125	7080075	08/02/07 10 34
Ethylbenzene	50 0	54 2		ug/L	108%	73 134	7080075	08/02/07 10 34
Methyl tert-Butyl Ether	50 0	42 6		ug/L	85%	69 122	7080075	08/02/07 10 34
Toluene	50 0	52 7		ug/L	105%	78 122	7080075	08/02/07 10 34
Xylenes, total	150	161		ug/L	108%	79 130	7080075	08/02/07 10 34
Surrogate 1,2 Dichloroethane-d4	25 0	21 4			86%	62 142	7080075	08/02/07 10 34
Surrogate Dibromofluoromethane	25 0	21 8			87%	78 123	7080075	08/02/07 10 34
Surrogate Toluene-d8	25 0	24 7			99%	79 120	7080075	08/02/07 10 34
Surrogate 4 Bromofluorobenzene	25 0	25.2			101%	75 133	7080075	08/02/07 10 34
7080078 BS1								
Benzene	50.0	48 9		ug/L	98%	78 125	7080078	08/02/07 22 11
Ethylbenze e	50.0	52 1		ug/L	104%	73 134	7080078	08/02/07 22 11
Methyl tert Butyl Ether	50.0	41 0		ug/L	82%	69 122	7080078	08/02/07 22 11
Toluene	50.0	51 3		ug/L	103%	78 122	7080078	08/02/07 22 11
Xylenes, total	150	156		ug/L	104%	79 130	7080078	08/02/07 22 11
Surrogat 1 2 Dichloroethane-d4	25 0	21 7			87%	62 142	7080078	08/02/07 22 11
Surrogate Dibromofluoromethane	25 0	21 4			85%	78 123	7080078	08/02/07 22 11
S rrogate Toluene d8	25 0	25 2			101%	79 120	7080078	08/02/07 22 11
S rrogate 4 Bromofluorobenzene	25 0	25 1			100%	75 133	7080078	08/02/07 22 11
Polyaromatic Hydrocarbons by EPA 8270C SIM								
7075261-BS1								
Acenaphthene	1 00	0 660	MNR1	ug/L	66%	48 133	7075261	07/31/07 20 43
Acenaphthylene	1 00	0 690	MNR1	ug/L	69%	49 139	7075261	07/31/07 20 43
Anthracene	1 00	0 760	MNR1	ug/L	76%	55 146	7075261	07/31/07 20 43
Benzo (a) anthracene	1 00	0 710	MNR1	ug/L	71%	54 143	7075261	07/31/07 20 43
Benzo (a) pyrene	1 00	0 670	MNR1	ug/L	67%	47 140	7075261	07/31/07 20 43
Benzo (b) fluoranthen	1 00	0 850	MNR1	ug/L	85%	56 142	7075261	07/31/07 20 43
Benzo (g,h,i) perylene	1 00	0 640	MNR1	ug/L	64%	39 142	7075261	07/31/07 20 43
Benzo (k) fluoranthene	1 00	0 740	MNR1	ug/L	74	54 147	7075261	07/31/07 20 43
Chrysene	1 00	0 700	MNR1	ug/L	70%	60 145	7075261	07/31/07 20 43
Dibenz (a,h) anthracene	1 00	0 670	MNR1	ug/L	67%	35 146	7075261	07/31/07 20 43
Fluoranthene	1 00	0 740	MNR1	ug/L	74%	56 135	7075261	07/31/07 20 43
Fluorene	1 00	0 690	MNR1	ug/L	69%	52 141	7075261	07/31/07 20 43
Indeno (1,2,3-cd) pyrene	1 00	0 650	MNR1	ug/L	65%	41 139	7075261	07/31/07 20 43
1 Methylnaphthalene	1 01	0 640	MNR1	ug/L	63%	42 130	7075261	07/31/07 20 43
2 Methylnaphthalene	1 00	0 640	MNR1	ug/L	64%	46 136	7075261	07/31/07 20 43

TestAmerica
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2960 Foster Creighton Road Nashville TN 37204 800-765-0980 Fax 615-726-3404

Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2941
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
LCS Cont

Analyte	Known Val	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C SIM								
7075261-BS1								
Naphthalene	1 00	0 630	MNR1	ug/L	63%	47 129	7075261	07/31/07 20 43
Phenanthrene	1 00	0 680	MNR1	ug/L	68%	50 133	7075261	07/31/07 20 43
Pyrene	1 00	0 730	MNR1	ug/L	73%	56 140	7075261	07/31/07 20 43
Surrogate Nitrobenzene-d5	1 00	0 580			58%	24 125	7075261	07/31/07 20 43
Surrogate 2 Fluorobiphenyl	1 00	0 660			66%	30 120	7075261	07/31/07 20 43
Surrogate Terphenyl-d14	1 00	0 830			83%	29 149	7075261	07/31/07 20 43
Extractable Petroleum Hydrocarbons								
7075276-BS1								
Diesel	1000	827		ug/L	83%	38 123	7075276	08/01/07 15 32
Surrogate o-Terphenyl	20 0	21 7			109%	33 147	7075276	08/01/07 15 32
Purgeable Petroleum Hydrocarbons								
7080336-BS1								
>C6 to C8 Ali	100	97 5		ug/L	98%	70 130	7080336	08/03/07 10 54
>C8 to C10 Ali	300	306		ug/L	102%	70 130	7080336	08/03/07 10 54
>C8 to C10 Aro	250	223		ug/L	89%	70 130	7080336	08/03/07 10 54
>C10 to C12 Aro	50 0	62 0		ug/L	124%	70 130	7080336	08/03/07 10.54
>C10 to C12 Ali	100	97 3		ug/L	97%	70 130	7080336	08/03/07 10 54
Surrogate 2 5 D bromotoluene (FID)	40 0	55 3	Z2		138%	70 130	7080336	08/03/07 10.54
Surrogate 2 5 Dibromotoluene (PID)	40 0	47 3			118%	70 130	7080336	08/03/07 10 54

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Client: Conestoga Rovers & Assoc (BR) / Exxon (10318)
4915 South Sherwood Forest Blvd
Baton Rouge LA 70816
Attn: Cindy Smith

Work Order: NQG2941
Project Name: Exxon 5 0608 / 25881
Project Number: Exxon 5-0608/25881
Received: 07/27/07 07 50

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig Val	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7075329 BSD1												
Lead		0 0498		mg/L	0.0500	100%	80 120	4	20	7075329		07/31/07 13 37
Selected Volatile Organic Compounds by EPA Method 8260B												
7080075-BSD1												
Benzene		52 1		ug/L	50 0	104%	78 125	7	15	7080075		08/02/07 10 59
Ethylbenzene		54 8		ug/L	50 0	110%	73 134	1	15	7080075		08/02/07 10 59
Methyl tert Butyl Ether		47 4		ug/L	50.0	95%	69 122	11	16	7080075		08/02/07 10 59
Toluene		53 8		ug/L	50 0	108%	78 122	2	15	7080075		08/02/07 10 59
Xylenes total		165		ug/L	150	110%	79 130	2	16	7080075		08/02/07 10 59
Surrogate 1 2 Dichloroethane d4		22.9		ug/L	25 0	92%	62 142			7080075		08/02/07 10 59
Surrogate Dibromofluoromethane		23.5		g/L	25 0	94%	78 123			7080075		08/02/07 10 59
Surrogate Toluene-d8		24.9		ug/L	25 0	99%	79 120			7080075		08/02/07 10 59
Surrogate 4 Bromofluorobenzene		25.2		ug/L	25.0	101%	75 133			7080075		08/02/07 10 59
7080078-BSD1												
Benzene		48 9		ug/L	50.0	98%	78 125	0 04	15	7080078		08/02/07 22 36
Ethylbenzene		51 9		ug/L	50 0	104%	73 134	0 4	15	7080078		08/02/07 22 36
Methyl tert Butyl Ether		41.5		ug/L	50 0	83%	69 122	1	16	7080078		08/02/07 22 36
Toluene		51.2		ug/L	50 0	10 %	78 122	0 1	15	7080078		08/02/07 22 36
Xylenes, total		157		ug/L	150	105%	79 130	0 3	16	7080078		08/02/07 22 36
Surrogate 1 2 Dichloroethane-d4		21 8		ug/L	25.0	87%	62 142			7080078		08/02/07 22 36
Surrogate Dibromofluoromethane		21 4		ug/L	25 0	86%	78 123			7080078		08/02/07 22 36
Surrogate Toluene-d8		25 0		ug/L	25 0	100%	79 120			7080078		08/02/07 22.36
Surrogate 4 Bromofluorobenzene		25 0		ug/L	25 0	100%	75 133			7080078		08/02/07 22 36
Polyaromatic Hydrocarbons by EPA 8270C SIM												
7075261 BSD1												
Acenaphthene		0 720		ug/L	1 00	72%	48 133	9	32	7075261		07/31/07 21 03
Acenaphthylene		0 740		ug/L	1 00	74%	49 139	7	34	7075261		07/31/07 21 03
Anthracene		0 830		ug/L	1 00	83%	55 146	9	50	7075261		07/31/07 21 03
Benzo (a) anthracene		0 790		ug/L	1 00	79%	54 143	11	50	7075261		07/31/07 21 03
Benzo (a) pyrene		0 740		ug/L	1 00	74%	47 140	10	38	7075261		07/31/07 21 03
Benzo (b) fluoranthene		0 950		ug/L	1 00	95%	56 142	11	50	7075261		07/31/07 21 03
Benzo (g,h,i) perylene		0 700		ug/L	1 00	70%	39 142	9	50	7075261		07/31/07 21 03
Benzo (k) fluoranthene		0 830		ug/L	1 00	83%	54 147	11	50	7075261		07/31/07 21 03
Chrysene		0 790		ug/L	1 00	79%	60 145	12	50	7075261		07/31/07 21 03
Dibenz (a,h) anthracene		0 730		g/L	1 00	73%	35 146	9	47	7075261		07/31/07 21 03
Fluoranthene		0 820		ug/L	1 00	82%	56 135	10	27	7075261		07/31/07 21 03
Fluorene		0 750		ug/L	1 00	75%	52 141	8	31	7075261		07/31/07 21 03
Indeno (1,2 3-cd) pyrene		0 710		ug/L	1 00	71%	41 139	9	50	7075261		07/31/07 21 03
1 Methylnaphthalene		0 680		ug/L	1 01	67%	42 130	6	50	7075261		07/31/07 21 03

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2941
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
LCS Dup Cont.

Analyte	Orig Val	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270C SIM												
7075261-BSD1												
2 Methylnaphthalene		0 680		ug/L	1 00	68%	46 136	6	38	7075261		07/31/07 21 03
Naphthalene		0 670		ug/L	1 00	67%	47 129	6	39	7075261		07/31/07 21 03
Phenanthrene		0 770		ug/L	1 00	77%	50 133	12	37	7075261		07/31/07 21 03
Pyrene		0.830		ug/L	1 00	83%	56 140	13	50	7075261		07/31/07 21·03
Surrogate Nitrobenzene-d5		0 710		ug/L	1 00	71%	24 125			7075261		07/31/07 21·03
Surrogate 2-Fluorobiphenyl		0 700		ug/L	1 00	70%	30 120			7075261		07/31/07 21 03
Surrogate Terphenyl-d14		0.930		ug/L	1 00	93%	29 149			7075261		07/31/07 21·03
Extractable Petroleum Hydrocarbons												
7075276-BSD1												
Diesel		857		ug/L	1000	86%	38 123	4	50	7075276		08/01/07 15 48
Surrogate o-Terphenyl		19 9		ug/L	20.0	100%	33 147			7075276		08/01/07 15 48

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2941
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5 0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig Val	MS Val	Q	Units	Spike Conc	% Rec	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 6010B										
7075329 MS1										
Lead	ND	0 0475		mg/L	0 0500	95%	75 125	7075329	NQG2815-02	07/31/07 13 51
Purgeable Petroleum Hydrocarbons										
7080336-MS1										
>C6 to C8 Ali	ND	80 7		ug/L	100	81%	70 130	7080336	NQG2941-02	08/02/07 23 33
>C8 to C10 Ali	ND	243		ug/L	300	81%	70 130	7080336	NQG2941-02	08/02/07 23 33
>C8 to C10 Aro	1 11	166	M2	ug/L	250	66%	70 130	7080336	NQG2941-02	08/02/07 23 33
Surrogate 2 5 Dibromotoluene (FID)		59 6	Z2	ug/L	40 0	149%	70 130	7080336	NQG2941-02	08/02/07 23 33
Surrogate 2 5-Dibromotoluene (PID)		48 4		ug/L	40.0	121%	70 130	7080336	NQG2941-02	08/02/07 23 33

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Client	Conestoga Rovers & Assoc (BR) / Exxon (10318)	Work Order	NQG2941
	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig Val	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	RPD Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7075329-MSD1												
Lead	ND	0 0493		mg/L	0.0500	99%	75 125	4	20	7075329	NQG2815-02	07/31/07 14 22
Purgeable Petroleum Hydrocarbons												
7080336 MSD1												
>C6 to C8 Al	ND	116		ug/L	100	116%	70 130	36	50	7080336	NQG2941-02	08/03/07 08.54
>C8 to C10 Ali	ND	331		ug/L	300	110%	70 130	30	50	7080336	NQG2941-02	08/03/07 08.54
>C8 to C10 Aro	1 11	235		ug/L	250	94%	70 130	35	50	7080336	NQG2941-02	08/03/07 08.54
Surrogate. 2 5 Dibromotoluene (FID)		55 1	Z2	ug/L	40 0	138%	70 130			7080336	NQG2941-02	08/03/07 08.54
Surrogate. 2 5 Dibromotoluene (PID)		45 6		ug/L	40 0	114%	70 130			7080336	NQG2941-02	08/03/07 08.54

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	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

CERTIFICATION SUMMARY

TestAmerica Nashville TN

Method	Matrix	AIHA	Nelac	Louisiana
MADEP VPH	Water	N/A	X	X
SW846 6010B	Water	N/A	X	X
SW846 8015B	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X
SW846 8270CSIM	Water	N/A	X	X

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	4915 South Sherwood Forest Blvd.	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
MADEP VPH	Water	>C6 to C8 Ali
		>C8 to C10 Ali
		>C8 to C10 Aro

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	4915 South Sherwood Forest Blvd	Project Name	Exxon 5-0608 / 25881
	Baton Rouge LA 70816	Project Number	Exxon 5-0608/25881
Attn	Cindy Smith	Received	07/27/07 07 50

DATA QUALIFIERS AND DEFINITIONS

M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference See Blank Spike (LCS)
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume See Blank Spike
Z2	Surrogate recovery was above the acceptance limits Data not impacted
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica Nashville TN

COOLER RECEIPT FORM

NQG2941

Cooler Received/Opened On 7/27/07 @ 0750

1 Tracking # 6531 (last 4 digits FedEx)

Courier FED EX IR Gun ID 90942856

2 Temperature of rep sample or temp blank when opened 2.2 Degrees Celsius

3. If item #2 temperature is 0°C or less was the representative sample or temp blank frozen? YES NO (NA)

4 Were custody seals on outside of cooler? (YES) NO NA

If yes how many and where _____

5 Were the seals intact signed and dated correctly? YES (NO) NA

6 Were custody papers inside cooler? (YES) NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) JR

7 Were custody seals on containers YES NO and intact YES NO NA

Were these signed and dated correctly? YES NO NA

8 Packing mat l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper 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

13a were VOA vials received? YES NO NA

b Was there any observable headspace present in any VOA vial? YES NO NA

14 Was there a Trip Blank in this cooler? YES NO NA If multiple coolers sequence #_____

I certify that I unloaded the cooler and answered questions 7 14 (intial) _____

15a On pres d bottles did pH test strips suggest preservation reached the correct pH level? YES NO NA

b Did the bottle labels indicate that the correct preservatives were used YES NO NA

If preservation in-house was needed record standard ID of preservative used here_____

16 Is residual chlorine present? YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial). _____

17 Were custody papers properly filled out (ink signed, etc)? YES NO NA

18 Did you sign the custody papers in the appropriate place? YES NO NA

19 Were correct containers used for the analysis requested? YES NO NA

20 Was sufficient amount of sample sent in each container? YES NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial). _____

I certify that I attached a label with the unique LIMS number to each container (initial). _____

21 Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO #_____

BIS = Broken in shipment
Cooler Receipt Form doc

LF 1
End of Form

Revised 4/18/07

RETURN RESULTS TO CRA OFFICE NOTED

X Baton Rouge LA 225/292 9007

Shreveport LA 318/868-3003

CONESTOGA-ROVERS & ASSOCIATES
CHAIN-OF-CUSTODY RECORD

Document No

Purchase Order No Exxon Account # 10316

Page 2 of 3

Project No	Project Name
25881	Former Exxon Store No 5-0608

Samplers (Print/Signature) 1 Gustavo Douathi / 2 / 3 /

Sample I D	Date (mm/dd/yy)	Time (hh mm)	Matrix	No of Containers	CONSTITUENTS: VOC ■ BTEX / ☐ MTBE / ☐ Other	SVOC ■ PAH / ☐ BNA / ☐ Other	TPH-GRO	TPH-DRO	TPH-ORO	TPH FRACTIONS ■ VPH / ☐ EPH	METALS ■ LEAD / ☐ RCRA / ☐ Other	SPLP	TDS			
				Preserved?	Y	N		Y		Y	Y					
25881 072407 DP1	07/24/07	1100	Soil	10	x	x		x		x	x					
25881-072407 EB1	07/24/07	1115	Soil	9	x	x		x		x	x					
25881 TB2		--	Water	1	x											

Note All analytical procedures and methods are described on the enclosed SSOW

H Hold for possible analysis See SSOW for instructions

Remarks

NQG2941

08/10/07 23 59

Relinquished by (Signature)	Date	Time	Received by (Signature)	Relinquished by (Signature)	Date	Time	Received for Lab by (Signature)
	07/26/07	1600			7/27/07	0750	2.2°C

ALL SAMPLES ICED IN THE FIELD AND DURING TRANSPORT TO THE LAB

X YES ____ NO

CRA Contact Gustavo Douathi

TRANSPORTED BY FedEx

LABORATORY Test America

ANALYSES TO BE COMPLETED

____ FAST TURNAROUND ____ NORMAL TURNAROUND

DATE. ____ ____ CALL CRA WITH RESULTS UPON COMPLETION

WHITE (REPORT COPY) YELLOW (PROJECT MANAGER COPY)

DEQ EDMS Document 36357074 Page 99 of 117

TRANSMITTAL

AAI

Ardaman & Associates, Inc

(Formerly STE)

To CRA

4915 S Sherwood Forest Blvd

Baton Rouge, LA 70816

Date August 13, 2007

Job No 07-L7113

Project 25881 Former Exxon

Store #5-0608

Attention Gustavo Douaihi

From Karen D Allen, C E T KA

COPIES	DESCRIPTION
1	Laboratory Test Results Table 1
1	Chain of Custody

THESE ARE TRANSMITTED

■ FOR YOUR USE ☐ FOR REVIEW & COMMENT ■ AS REQUESTED

☐ REVISE AS NOTED ☐ TO BE DISTRIBUTED

REMARKS _____

AASHTO Accredited Laboratory
LELAP Certificate No 02052

316 HIGHLANDIA DRIVE
BATON ROUGE LA 70810
(225) 752-4790 FAX (225) 752-4878

CRA PROJECT NO .25881-FORMER EXXON STORE NO 6-0608
LABORATORY TEST RESULTS
TABLE 1

Date Tested	Sample ID	Depth (feet)	ASTM D01 Moisture Content (%)	Dry Density (pcf)	Volumetric Moisture Content (decimal)	Volumetric Air Content (decimal)	Total Porosity (decimal)	STM D854 Specific Gravity	ASTM D4972 Soil pH	ASTM D2974 Organic Content (%)	ASTM D4318 Atterberg Limits LL (%)	PL (%)	PI (%)	ASTM D422 Particle Size Analysis	ASTM D2 87 CLASSIFICATION
8-Aug	GT 1	8 10	25 3	98 3	0 399	0 000	0 399	2 62	N/A	2 40	32	21	11	N/A	Tan lean clay w/ferrous nodules & silt (CL)

NOTE
(1)FOC = Organic content divided by 174
(2)Any optional tests methods used ☐ yes ☐ no If yes list

Ardaman & Associates, Inc

Client CRA
Location Baton Rouge LA

STE File 07 L7113
8/13/07

DEQ-EDMS Document 36357074 Page 101 of 117

RETURN RESULTS TO CRA OFFICE NOTED

X Baton Rouge LA 225/292 9007

____ Shreveport, LA 318/868-3003

CONESTOGA-ROVERS & ASSOCIATES
GEOTECHNICAL CHAIN-OF-CUSTODY RECORD

07-L7113

Document No 0154

Purchase Order No 40 4006119

Page 1 of 1

Project No	Project Name
25881	Former Exxon Store No 5-0608

Samplers (Print/Signature) 1 Gustavo Dourado / 2 _____ / 3 _____

Sample ID	Date (mm/dd/yy)	Time (hh mm)	No of Containers	CONSTITUENTS: FRACTIONAL ORGANIC CARBON (ASTM D2974)	DRY BULK DENSITY	VOLUMETRIC MOISTURE CONTENT (ASTM D2216)	ATTERBERG LIMITS (LL, PL, PI) (ASTM D4318)	TOTAL POROSITY	REMARKS
GT-1 (8-10)	7/24/07	1005	1	X	X	X	X	X	

Relinquished by (Signature)	Date	Time	Received by (Signature)	Relinquished by (Signature)	Date	Time	Received for Lab by (Signature)
	8/2/07	1117			8/2/07	15:12	

CRA Contact: Gustavo Dourado

TRANSPORTED BY: CRA

LABORATORY: A&A (STE)

ANALYSES TO BE COMPLETED

___ FAST TURNAROUND ___ NORMAL TURNAROUND

DATE: _____ ___ CALL CRA w/RESULTS ON COMPLETION

WHITE (REPORT COPY) YELLOW (PROJECT MANAGER COPY)

LDEQ EDMS Document 36357074 Page 102 of 117

APPENDIX E

WELL YIELD CALCULATION

CLIENT	Exxon Mobil Corp	PROJECT	Former RAS # 5-0608 4555 Essen Lane Baton Rouge LA
JOB No	25881 03		
CALCULATION BY	BLC	DATE	05/12/08

PURPOSE To determine Dependable Yield (unsteady/nonequilibrium state)
METHOD Cooper and Jacob (1946) modification of Theis equation

GENERAL ASSUMPTIONS/CONDITIONS

1 The water bearing formation is uniform in character and the hydraulic conductivity is the same in all directions
2 The formation is uniform in thickness and infinite in areal extent
3 The formation receives no recharge from any source
4 The pumped well penetrates and receives water from the full thickness of the water bearing formation
5 The water removed from storage is discharged instantaneously when the head is lowered
6 The pumping well is 100-percent efficient
7 All water removed from the well comes from aquifer storage
8 Laminar flow exists throughout the well and aquifer
9 The water table or potentiometric surface has no slope

Variables

s = 6 0	drawdown (ft) assumes 60 % drawdown of available water column in the well
K = 077	hydraulic conductivity (ft/day) see slug test results in the Appendix
b = 10	aquifer thickness (ft) typical measured water column in wells
T = 0 77	transmissivity of the aquifer (equals conductivity times aquifer thickness [K x b]) (ft^2/day)
t = 365	time pumping (days) – Default 365 assumes long term drawdown conditions
r = 417	effective well diameter (ft) – Default 0 417 (default assumes gravel pack of 10 inches)
S = 05	storativity of the aquifer (dimensionless) – Default. 0 05 assuming typical water table conditions

Dependable Yield (Q) Equation

$$Q = \frac{s\,T}{0\,183 \log\left(\frac{2.25 T\, t}{r^2\, S}\right)}$$

Q = 5 19 ft^3/day

or in gallons (1 ft^3 = 7 48 gallons)

which = 38 8 gallons/day

AQTESOLV for Windows

Data Set: U:\AQTESOLV\EXXON\25881 Exxon 0608 Essen BTR\25881 MW2.aqt
Date: 06/21/06
Time: 10:59:03

PROJECT INFORMATION

Client: Exxon Mobil
Project: 25881-01
Location: RAS 5-0608

AQUIFER DATA

Saturated Thickness: 9.65 ft
Anisotropy Ratio (Kz/Kr): 1

SLUG TEST WELL DATA

Test Well: MW-2

X Location: 0 ft
Y Location: 0 ft

Initial Displacement: 2 ft
Static Water Column Height: 9.65 ft
Casing Radius: 0.083 ft
Wellbore Radius: 0.343 ft
Well Skin Radius: 0.343 ft
Screen Length: 10 ft
Total Well Penetration Depth: 9.65 ft

No. of Observations: 104

Observation Data

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
0.075	1.957	1.473	1.731
0.08	1.941	1.561	1.724
0.085	1.922	1.655	1.718
0.09	1.896	1.753	1.711
0.095	1.892	1.858	1.704
0.1	1.887	1.968	1.696
0.1058	1.881	2.085	1.689
0.112	1.877	2.21	1.68
0.1185	1.873	2.341	1.672
0.1255	1.871	2.481	1.663
0.1328	1.868	2.63	1.654
0.1407	1.865	2.786	1.644
0.149	1.862	2.953	1.632
0.1578	1.859	3.13	1.621
0.1672	1.859	3.316	1.61
0.177	1.856	3.515	1.597
0.1875	1.854	3.725	1.584
0.1985	1.853	3.946	1.571
0.2102	1.85	4.181	1.557
0.2227	1.849	4.43	1.542
0.2358	1.847	4.693	1.527
0.2498	1.845	4.973	1.511
0.2647	1.843	5.27	1.494
0.2803	1.84	5.583	1.476
0.297	1.837	5.915	1.459
0.3147	1.836	6.266	1.441
0.3333	1.833	6.64	1.421
0.3532	1.83	7.035	1.4
0.3742	1.829	7.453	1.38
0.3963	1.826	7.896	1.359
0.4198	1.823	8.366	1.338
0.4447	1.82	8.865	1.317
0.4697	1.817	9.391	1.293
0.4963	1.815	9.95	1.272

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
0 5247	1 811	10 54	1.25
0 5547	1 809	11 17	1.226
0 5863	1 806	11 83	1.202
0 6213	1 803	12 53	1 178
0 658	1 799	13.28	1 154
0 6963	1 795	14 07	1 128
0 738	1 792	14.91	1 104
0 7813	1 788	15 79	1 08
0 828	1 783	16 73	1 053
0 8763	1 779	17 72	1 025
0 928	1 775	18 78	0 998
0 983	1 771	19 89	0 97
1 041	1 765	21 07	0 94
1 103	1 761	22 32	0 914
1 168	1 755	23 65	0 885
1.238	1 75	25 05	0 857
1 311	1 744	26 54	0 829
1 39	1 737	28 12	0 802

SOLUTION

Aquifer Model Unconfined
Solution Method *Bouwer-Rice*
Shape Factor 2.524

VISUAL ESTIMATION RESULTS

Estimated Parameters

Parameter	Estimate	
K	4 015E-5	ft/min
y0	1 883	ft

Data Set: U:\AQTESOLV\EXXON\25881 Exxon 0608 Essen BTR\25881 MW3.aqt
Title: MW-3 SLUG OUT TEST
Date: 06/21/06
Time: 10:59:10

PROJECT INFORMATION

Client: Exxon Mobil
Project: 25881-01
Location: RAS 5-0608

AQUIFER DATA

Saturated Thickness: 7.77 ft
Anisotropy Ratio (Kz/Kr): 1

SLUG TEST WELL DATA

Test Well: MW-3

X Location: 0 ft
Y Location: 0 ft

Initial Displacement: 1.8 ft
Static Water Column Height: 7.77 ft
Casing Radius: 0.083 ft
Wellbore Radius: 0.343 ft
Well Skin Radius: 0.343 ft
Screen Length: 10 ft
Total Well Penetration Depth: 7.77 ft

No. of Observations: 105

Observation Data

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
0.08	1.786	1.655	0.436
0.085	1.781	1.753	0.418
0.09	1.764	1.858	0.402
0.095	1.744	1.968	0.387
0.1	1.733	2.085	0.373
0.1058	1.722	2.21	0.363
0.112	1.71	2.341	0.351
0.1185	1.699	2.481	0.342
0.1255	1.686	2.63	0.332
0.1328	1.674	2.786	0.325
0.1407	1.661	2.953	0.316
0.149	1.647	3.13	0.309
0.1578	1.634	3.316	0.302
0.1672	1.62	3.515	0.295
0.177	1.604	3.725	0.29
0.1875	1.59	3.946	0.284
0.1985	1.573	4.181	0.277
0.2102	1.558	4.43	0.273
0.2227	1.539	4.693	0.269
0.2358	1.521	4.973	0.264
0.2498	1.501	5.27	0.26
0.2647	1.48	5.583	0.254
0.2803	1.458	5.915	0.25
0.297	1.436	6.266	0.246
0.3147	1.411	6.64	0.242
0.3333	1.388	7.035	0.238
0.3532	1.363	7.453	0.233
0.3742	1.336	7.896	0.231
0.3963	1.31	8.366	0.226
0.4198	1.282	8.865	0.223
0.4447	1.252	9.391	0.22
0.4697	1.224	9.95	0.215
0.4963	1.193	10.54	0.213

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
0.5247	1 162	11 17	0 21
0.5547	1 13	11 83	0 207
0 5863	1 096	12 53	0 204
0 6213	1 059	13.28	0 201
0 658	1 023	14 07	0 199
0 6963	0 986	14 91	0 196
0 739	0 947	15 79	0 193
0 7813	0 908	16 73	0 19
0 828	0 864	17 72	0 187
0.8763	0 821	18 78	0 185
0 928	0 778	19 89	0 182
0 983	0 734	21 07	0 18
1 041	0 691	22.32	0 179
1 103	0 648	23 65	0 176
1 168	0 609	25 05	0 173
1 238	0 571	26 54	0 172
1.311	0 537	28 12	0 17
1.39	0.508	29 79	0 168
1 473	0 481	31 55	0 164
1 561	0 457		

SOLUTION

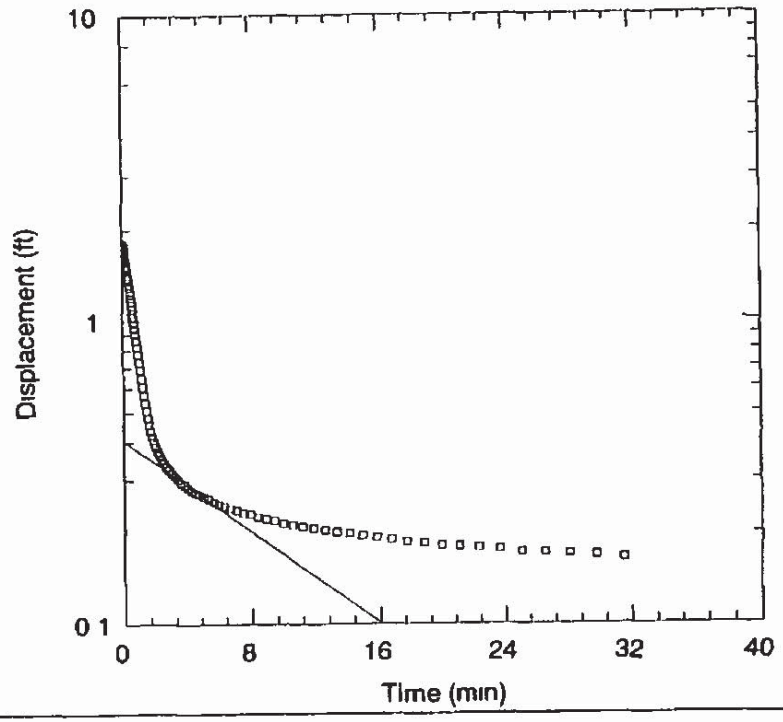
Aquifer Model Unconfined
Solution Method Bouwer Rice
Shape Factor 2 386

VISUAL ESTIMATION RESULTS

Estimated Parameters

Parameter	Estimate	
K	7 125E 5	ft/min
y0	0 4045	ft

EQ EDMS Document 34367412 Page 25 of 26



MW 3 SLUG OUT TEST

Data Set U \ \25881 MW3 aqt
Date 06/21/06 Time 10 59 20

PROJECT INFORMATION

Client Exxon Mobil
Project 25881 01
Location RAS 5-0608

SOLUTION

Aquifer Model Unconfined
Solution Method Bouwer Rice

K = 7 125E 5 ft/min
y0 = 0 4045 ft

AQUIFER DATA

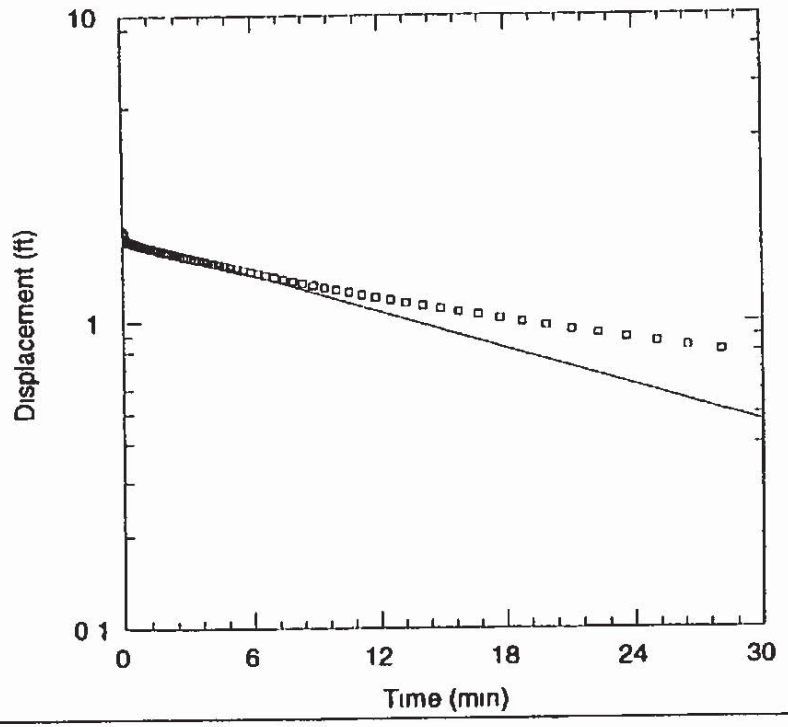
Saturated Thickness 7 77 ft

Anisotropy Ratio (Kz/Kr) 1

WELL DATA (MW 3)

Initial Displacement 1 8 ft
Total Well Penetration Depth 7 77 ft
Casing Radius 0 083 ft

Static Water Column Height 7 77 ft
Screen Length 10 ft
Wellbore Radius 0 343 ft



WELL TEST ANALYSIS

Data Set U:\ \25881 MW2 aqt
Date 06/21/06 Time 10 59 27

PROJECT INFORMATION

Client Exxon Mobil
Project 25881-01
Location RAS 5-0608

SOLUTION

Aquifer Model Unconfined
Solution Method Bouwer Rice

K = 4 015E-5 ft/min
y0 = 1 883 ft

AQUIFER DATA

Saturated Thickness 9 65 ft

Anisotropy Ratio (Kz/Kr) 1

WELL DATA (MW 2)

Initial Displacement 2 ft
Total Well Penetration Depth 9 65 ft
Casing Radius 0 083 ft

Static Water Column Height 9 65 ft
Screen Length 10 ft
Wellbore Radius 0 343 ft

APPENDIX F

ANALYTICAL DATA EVALUATION
RECAP FORM 3

RECAP FORM 3
ANALYTICAL DATA EVALUATION

Date October 9, 2008

Facility Name Former Exxon Retail Station No 5-0608

Agency Interest (AI #) 13366

Physical Site Location 4555 Essen Lane, Baton Rouge LA

Operation Address N/A

Property Owner Drury Inn & Suites
Property Owner Address 721 Emerson Road, Suite 200, St Louis, Missouri 63141
Responsible Party Exxon Mobil Refining & Supply Company
Reponsible Party Address 16945 Northchase Drive, Room 527, Houston, Texas 77060

1 Data Generation

1 A All sample collection was done in accordance to applicable RECAP collection guidelines [X] Yes [ ] No

1 B All generated data was obtained using EPA Methodology, RECAP approved methodology (as found in text), or methodology pre-approved by the Department Any modifications to methodology have been noted, explained and pre approved by the Department [X] Yes [ ] No

1 C All Data are analyte-specific and the identity and concentration are confirmed [X] Yes [ ] No

1 D All data were generated by a LDEQ certified laboratory [X] Yes [ ] No

2 Data Evaluation and Usability

2 A Methods used are appropriate for analyzed constituents

1 Analysis used is specific for COCs [X] Yes [ ] No

2 Results are produced with the most appropriate sensitive method (e g not using portable field analytical instruments) [X] Yes [ ] No

2 B Sample Quantitation Limits (SQL)

Note The SQL is not synonymous with the IDL (instrument detection limit) or the MDL (minimum detection limit) The SQL is derived after considering the effects of dilutions, loss of instrument sensitivity, matrix interferences, and other interferences effecting the lower-end accuracy of analysis, and therefore resulting in the elevation of the method detection limit The SQL will be the only detection limit considered for comparison to limiting standards

1 All SQLs are less than reference concentrations (RS or SS)
[ ] Yes [X] No (If yes, proceed to Section 2C, Qualifiers and Codes)

2 Samples with SQLs greater than the limiting standard are not being reported as non-detected (If yes, proceed to Item # 3 of this section)
[X] Yes [ ] No

If the SQL is higher than the limiting standard, and a non-detect is being reported, data may still be considered by the Department if all the below conditions are met

(a) The non-detect results make up less than 5-10 percent of a sample set for a considered individual COC

(b) The ND is not classified as being from a key sampling location (e g drinking water well)

(c) Documentation provided by a LDEQ accredited laboratory (with supporting evidence) is included in the document demonstrating that a practical quantitation limit was not achievable due to site or sample specific conditions

Have the above three conditions been met? [ ] Yes [ ] No

Note If one or more of the above conditions cannot be met, the total (100%) value of the PQL may be reported as a positive detected result

Will this option be used and annotated in the Report? [ ] Yes [ ] No

Note If all answers in this item are "no," analytical results will be rejected and re-sampling will be required

3 Are sample results higher than both the PQL and the limiting standard?
[ ] Yes [X] No (If so, results may be used despite elevated PQL)

2 C Qualifiers and Codes

1 All qualifiers and codes for flagged data have been noted on form 3 and supporting documentation has been included in the laboratory information package [X] Yes [ ] No

2 All data with a qualifier of "R" (unusable data) do not come from critical sample points (if so, resample will be required) [ ] Yes [ ] No [X] N/A

3 All data with a qualifier of "J" (estimated concentrations) have been included as positive results [ ] Yes [ ] No [X] N/A

2 D Blank Samples

1 Field and laboratory blanks showed no signs of contamination, and no constituents were detected in blanks (If no constituents or contaminants were detected, proceed to 2E, Tentatively Identified Compounds)
[X] Yes [ ] No

2 Contaminants or constituents found in blanks can be considered common laboratory contaminants as defined by EPA (acetone, 2-butanone, methylene chloride, toluene, or phthalates), and the same contaminants found in site samples are present at quantities less than 10 times the levels found in blanks (If no, constituents are to be reported as detected COCs)
[ ] Yes [ ] No

3 Contaminants or constituents found in blanks are not considered common laboratory contaminants as defined by EPA, and the same contaminants found in site samples are present at quantities less than 5 times the levels found in blanks (If no, constituents are to be reported as detected COCs)
[ ] Yes [ ] No

2 E Tentatively Identified Compounds (TIC)

All possible TIC have been identified, evaluation is supported with documentation in the text, and information conforms to the requirements as listed in Section 2 5 of the RECAP [X] Yes [ ] No

2 F Historical Data

1 All quantitative historical data has been reviewed by current QA/QC guidelines, and all applicable supporting information is justified and included in the report [X] Yes [ ] No [ ] N/A

2 All qualitative historical data is verifiable, has not been used quantitatively, and has only been used in the development of a conceptual model [ ] Yes [ ] No [X] N/A

3 Documentation

3 A Laboratory information package assembled as follows [X] Yes [ ] No

1 Sample documentation (chains of custody, preparation time, time of analysis)
2 Sample and analyte identification and quantification
3 Determination and documentation of sample quantitation limits (SQLs)
4 Initial and continuing calibration
5 Performance evaluation samples (external QA or laboratory control samples)
6 Matrix spike recoveries
7 Analytical error determination (determined with replicate samples)
8 Total measurement error determination summary (Evaluates overall precision of measurement system from sample acquisition through analysis Determined with field duplicate and matrix spike with matrix spike duplicate)
9 Explanation and supporting documentation for flagged data

3 B All methods used in all analysis have produced tangible raw data (e g chromatograms, spectra, digital values), and are available to the Department upon request [X] Yes [ ] No

1 Representative data is included in documentation as examples of method procedures [X] Yes [ ] No

2 All flagged data is supported with complete associated tangible raw data (e g depiction of matrix interferences, spiked recoveries reported outside of control limits, evidence for need for dilution etc) [X] Yes [ ] No

Note Any "no" answer must be explained at the conclusion of this form Items not applicable should be left unmarked

4 Submitter Information

Date October 9, 2008

Name of Person submitting this evaluation Jennifer Sepulvado

Affiliation Groundwater & Environmental Services, Inc

Signature Jennifer Sepulvado Date 10/9/08

Additional Preparers

APPENDIX G

DATA USABILITY SUMMARY

CONESTOGA-ROVERS & ASSOCIATES

2371 George Urban Blvd
Depew New York 14043
Telephone (716) 206 0202 Fax (716) 206 0201
www CRAworld com

MEMORANDUM

TO Gustavo Douaihi (Baton Rouge)

REF NO 025881

FROM Karen Bevilacqua/jbh/1

DATE October 16 2007
E Mail and U.S. Mail

RE **QA/QC Review of Analytical Data**
Former Exxon Retail Store No 5-0608
Baton Rouge, Louisiana
July 2007

INTRODUCTION

Soil and groundwater samples were collected during July 2007, in support of the Additional Site Investigation for the Former Exxon Retail Store No 5-0608 Analytical services were provided by TestAmerica Inc in Nashville Tennessee

The analytical methods and holding time criteria are summarized in Table 1 The analytical results are presented in Tables 2A-2C Copies of the Chain of Custody forms are attached

The evaluation of the data was based on information obtained from the Chain of Custody forms finished report forms, blank data duplicate data and recovery data for matrix blank, and surrogate spikes

Data were assessed using the methods and the following documents

i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" United States Environmental Protection Agency (USEPA) 540/R-99-008 October 1999, and

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

QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) REVIEW

All samples were properly preserved and stored at 4°C (±2°C)

Sample analyses were performed within the method-specified holding times

Method blanks were prepared and analyzed at the required frequency for all parameters The blank results were non-detect for all target analytes indicating laboratory contamination was not an issue

ISO 9001
ENGINEERING DESIG

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

Surrogates were added to all samples blanks, and QC samples prior to organic analysis All surrogate recoveries were acceptable, indicating good analytical efficiency, with the exception of a high recovery for volatile petroleum hydrocarbons (VPH) All associated positive sample results were qualified as estimated based on the implied high bias (see Table 3)

Blank spike (BS) and/or blank spike duplicate (BSD) were prepared and analyzed with the samples for all parameters All recoveries were within laboratory control limits indicating good laboratory accuracy and/or precision

A matrix spike/matrix spike duplicate (MS/MSD) analyses was performed on sample #25881-072407-DP1 (14-15) All recoveries were within the required control limits indicating good analytical accuracy and precision with the exception of a low recovery for benzo(a)pyrene All associated sample results were qualified as estimated based on the implied low bias (see Table 4)

Sample #25881-072407-DP1 was collected in duplicate and submitted "blind" to the laboratory for analysis All data outside of the estimated region of detection were comparable indicating good field sampling and analytical precision

Equipment rinse blanks field blanks, and trip blanks were collected and submitted with the investigative samples All blank results were non-detect for the analytes of interest

CONCLUSION

Based on the assessment and validation of the analytical data provided these data are acceptable for their intended use with the qualifications noted

APPENDIX H

ECOLOGICAL CHECKLIST
RECAP FORM 18

RECAP FORM 18
ECOLOGICAL CHECKLIST

Section 1 Facility Information

1 Name of facility Former Exxon Retail Station No. 5 0608

2 Location of facility 4555 Essen Lane,
Baton Rouge, LA

Parish East Baton Rouge Parish

3 Mailing address 16945 Northchase Drive, Room 537
Houston, TX 77060

4 Type of facility and/or operations associated with AOC Retail Gasoline and Convenience Store

5 Name of AOC or AOI AOC 1 and AOC 2

6 If available attach a USGS topographic map of the facility and/or aerial or other photographs of the release site and surrounding areas See Figures 1 and 2, Appendix A

Section 2 Land Use Information

1 Describe land use at and in the vicinity of the AOC/AOI The Areas of Concern are located in a commercial area

2 Describe land use adjacent to the facility Land use surrounding the facility is primarily commercial

3 Provide the following information regarding the nearest surface water body which has been impacted or has the potential to be impacted by COC migrating from the AOC/AOC

a) Name of the surface water body Ward Creek

b) Type of surface water body

[X] freshwater river or stream
[ ] freshwater swamp/marsh/wetland
[ ] saltwater or brackish swamp/marsh/wetland
[ ] lake or pond
[ ] bayou or estuary
[ ] drainage ditch
[ ] other Canal

c) Designated use of the segment/subsegment of the surface water body (LAC 33 IX) (040201) Primary and Secondary Contact Recreation and Propagation of Fish and Wildlife

d) Distance from the AOC/AOI to nearest surface water body 565 feet

4 Do any potentially sensitive environmental areas exist adjacent to or in proximity to the site e g federal and state parks national and state monuments wetlands etc? [ ] Yes [X] No

If yes explain

Section 3 Release Information

1 Nature of the release Gasoline from an underground storage tank system

2 Location of the release (within the facility) Petroleum hydrocarbon impact detected in the vicinity of the UST system

3 Location of the release with respect to the facility property boundaries Release occurred from the UST system which is located in the central portion of the site

4 Constituents known or suspected have been released Gasoline

5 Indicate which media are known or suspected to be impacted and if sampling data are available

[ ]	soil 0 3 feet bgs	[ ] yes [X] no
[X]	soil 0 15 feet bgs	[X] yes [ ] no
[ ]	soil >15 feet bgs	[ ] yes [X] no
[X]	groundwater	[X] yes [ ] no
[ ]	surface water/sediment	[ ] yes [X] no

6 Has migration occurred outside the facility property boundaries? [ ] yes [X] no

If yes, describe the designated use of the offsite land impacted N/A

Section 4 Criteria for Further Assessment

If the AOI meets **all** of the criteria presented below then typically no further ecological evaluation shall be required If the AOI **does not** meet **all** of the criteria then a screening level ecological risk shall be conducted The Submitter should make the initial decision regarding whether or not a screening level ecological risk assessment is warranted based on compliance of the AOI with criteria listed below After review of the ecological checklist and other available site information the Department will make a final determination on the need for a screening level ecological risk assessment If site conditions at the AOI change such that one or more of the criteria are not met then a screening level ecological risk assessment shall be conducted Answers shall be based on current site conditions (i e shall not consider future remedial actions or institutional or engineering controls)

Indicate if the AOI meets the following criteria

(1) The area of impacted soil is approximately 5 acres or less in size (based on the AOI identified for the human health assessment) and it is not expected that the COC will migrate such that the soil AOI becomes greater than 5 acres in size [X] yes [ ] no

(2) There is no current release or demonstrable long term threat of release (via runoff or groundwater discharge) of COC from the AOI to a surface water body [X] yes [ ] no

(3) Recreational species commercial species threatened or endangered species and/or their habitats are not currently being exposed or expected to be exposed to COC present at or migrating from the AOI
[X] yes [ ] no

(4) There are no obvious impacts to ecological receptors or their habitats and none are expected in the future
[X] yes [ ] no

Is further ecological evaluation required at this AOI? [ ] yes [X] no
This determination is subject to Department concurrence

Section 5 Site Summary

The ecological checklist submittal shall include a site summary that presents sufficient information to verify that the AOI meets or does not meet the criteria for further assessment.

Section 6 - Submitter Information

Date October 9, 2008

Name of person submitting this checklist Jennifer Guelfo

Affiliation Groundwater & Environmental Services, Inc.

Signature Jennifer Delgado

Date 10/9/08

Additional Preparers N/A

OFFICE OF ENVIRONMENTAL ASSESSMENT
UNDERGROUND STORAGE TANKS DIVISION

SECTION: UST D PROJECT: Exxon No 5-0608 ORIGINATOR: CRM
DATE: 8/31/09 AI#: 13366 OTHER #: _____

	Req'd.	Signature	Date	Comments
Section Mgr./Supvr.	☒	[signature]	8/31/09	
Adm. Assistant	☐			
Administrator	☒	[signature]	8/31/09	
Legal	☐			
Other ( )	☐			
Assistant Secretary	☐			
Deputy Secretary	☐			
Secretary	☐			
Additional Comments				

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7004 2510 0005 5770 8863

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Sent To Mr. Dale Gomm
Exxon Mobil Corp.
Street, A 16825 Northchase Dr., Rm. 928C
or PO Bo Houston, TX 77060
City, Stat

PS Form 3800, June 2002 See Reverse for Instructions

BOBBY JINDAL
GOVERNOR

HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL ASSESSMENT

AUG 31 2009

CERTIFIED – RETURN RECEIPT REQUESTED (7004 2510 0005 5770 8863)

Mr. Dale Gomm
Exxon Mobil Corp.
16825 Northchase Dr., Rm. 928C
Houston, TX 77060

RE: No Further Action Notification
Former Exxon Store No. 5-0608; **AI No. 13366**
UST FID No. 17-004224; UST Incident Nos. 78436, 83584
4555 Essen Lane, Baton Rouge; East Baton Rouge Parish

Dear Mr. Gomm:

The Louisiana Department of Environmental Quality – Underground Storage Tank Division (LDEQ-USTD) has completed its review of your plugging and abandonment report dated July 23, 2009, for the above referenced area of investigation located at 4555 Essen Lane in East Baton Rouge Parish. Based on our review of this document and all previously submitted information, we have determined that no further action is necessary at this time. The Basis of Decision for this notification is attached.

No soils may be removed from this site without prior approval from LDEQ unless they are removed and disposed at a permitted disposal facility. Prior to the construction of enclosed structures over any portion of the impacted area, further evaluation and approval from LDEQ is warranted.

If you have any questions or need further information, please call Chris Means at (225) 219-3430. Thank you for your cooperation in addressing this area.

Sincerely,

Tim B. Knight, Administrator
Underground Storage Tank Division

crm

Attachment

c: Imaging Operations – UST
Terri Gibson – RSD
Melissa Vizinat – MFTF
Don Haydel – MFTF
Ryan Francis, Groundwater & Environmental Services, Inc.

BASIS OF DECISION FOR NO FURTHER ACTION

Former Exxon Store No. 5-0608
AI No. 13366

The Louisiana Department of Environmental Quality – Underground Storage Tank Division—Remediation Process (LDEQ-USTD-RP) has determined that Former Exxon Store No. 5-0608 requires No Further Action At This Time.

The property was previously used as a fueling station. A Phase II site investigation was conducted in March of 2005, as part of a site divestment. The investigation included the installation of three monitoring wells (MW-1 through MW-3) and the collection of three soil samples and three groundwater samples for laboratory analyses. Investigation results indicated levels of MTBE in soils and benzene, MTBE, TPH-G, TPH-D, naphthalene, and 2-methylnaphthalene in groundwater above RECAP Screening Standards (SS).

Four USTs were removed from the property on April 13, 2005. Following the excavation, 16 sidewall and backfill soil samples (S-1 through S-16) were collected for laboratory analyses. Investigation results indicated levels of benzene, MTBE, and TPH-G in soils above RECAP SS.

Additional investigation activities were conducted on July 24, 2007. The investigation included the installation of two soil borings (DP-1 and GT-1) and the collection of three soil samples and one groundwater sample for laboratory analyses. Investigation results indicated levels of TPH-D in groundwater above RECAP SS.

Soils contained levels of benzene, MTBE, and TPH-G above RECAP SS. Groundwater was classified as Groundwater 3 Non-Drinking Water (GW_{3NDW}). The fractional organic content (foc) of the impacted soils was determined to be 0.0138 and the source length was determined to be 30 feet. Using figure I-1 in Appendix I, the site was evaluated as a Category 8. The distance between the Point of Compliance (POC) and Ward Creek, which is the Point of Exposure (POE), is 565 feet. Using Figure I-2 in Appendix I, a dilution factor (DF) of 476 was derived. The Category 8 Soil GW_{3NDW} value for benzene and MTBE was multiplied by this DF to account for attenuation from the POC to the POE. The Soil GW_{3NDW} values for benzene, MTBE, and TPH-G were compared to the $Soil_{NI}$ and $Soil_{SAT}$ values with the lowest value taken as the RECAP clean-up standard. The impacted media, COCs, maximum concentration remaining on site and limiting Appendix I RECAP standards established for this AOC are listed in the following table:

Constituents of Concern (Soil)	Maximum Remaining Concentration	Limiting App. I RECAP Standard
Benzene	0.101 ppm	3.1 ppm[1]
MTBE	0.149 ppm	12,000 ppm[1]
TPH-G*	369 ppm	1,200 ppm[1]

[1] $Soil_{NI}$

Groundwater contained levels of benzene, MTBE, TPH-G, TPH-D, 2-methylnaphthalene, and naphthalene above RECAP SS. The Category 8 GW_{3NDW} values for all COCs were multiplied by a DF of 476 to account for attenuation from the POC to the POE. These GW_{3NDW} values were compared to the $Water_{SOL}$ and GW_{AIR} values where appropriate with the lowest value taken as the RECAP clean-up standard. The impacted media, COCs, maximum concentration remaining on site and limiting Appendix I RECAP standards established for this AOC are listed in the following table:

Constituents of Concern (Groundwater)	Maximum Remaining Concentration	Limiting App. I RECAP Standard
Benzene	0.159 ppm	6.2 ppm[1]
MTBE	0.199 ppm	51,000 ppm[2]
TPH-G*	19.3 ppm	250 ppm[3]
TPH-D*	8.36 ppm	11,424 ppm[1]
2-Methylnaphthalene	0.398 ppm	12.9 ppm[1]
Naphthalene	0.4 ppm	31 ppm[2]

[1]GW_{3NDW}; [2]$Water_{Sol}$; [3]GW_{AirNI}

An enclosed space evaluation for soil was conducted, where levels of MTBE, aliphatics>C_6-C_8, and aliphatics>C_8-C_{10} were detected. These COCs were compared to the Soil Non-Industrial Enclosed Space ($Soil_{ESNI}$) values. The impacted media, COCs, maximum concentration remaining on site and limiting Enclosed Space standards established for this AOC are listed in the following table:

Constituents of Concern (Soil)	Maximum Remaining Concentration	Limiting Enclosed Space RECAP Standard
MTBE	0.005 ppm	133 ppm[1]
Aliphatics>C_6-C_8*	16.9 ppm	120 ppm[1]
Aliphatics>C_8-C_{10}*	6.01 ppm	29 ppm[1]

[1]GW_{ESNI}

An enclosed space evaluation for groundwater was conducted, where levels of ethyl benzene, xylene, MTBE, fluorene, 2-methylnaphthalene, naphthalene, and phenanthrene were detected. These COCs were compared to the Groundwater Non-Industrial Enclosed Space (GW_{ESNI}) values. The impacted media, COCs, maximum concentration remaining on site and limiting Enclosed Space standards established for this AOC are listed in the following table:

Constituents of Concern (Groundwater)	Maximum Remaining Concentration	Limiting Enclosed Space RECAP Standard
Ethyl benzene	0.00794 ppm	767 ppm[1]
Xylene	0.00621 ppm	9 ppm[1]
MTBE	0.0071 ppm	800 ppm[1]
Fluorene	0.000152 ppm	2,250 ppm[1]
2-Methylnaphthalene	0.000419 ppm	28 ppm[1]
Naphthalene	0.00157 ppm	3.3 ppm[1]
Phenanthrene	0.000105 ppm	73,000 ppm[1]

[1]GW_{ESNI}

*The total concentration of petroleum hydrocarbons present in each impacted medium at an AOI shall be less than or equal to 10,000 ppm. The total petroleum hydrocarbon concentration shall be determined by summing the AOIC or compliance concentration for each aliphatic and aromatic hydrocarbon fraction detected in the medium of concern at the AOI or by summing the AOIC or compliance concentration for each hydrocarbon mixture detected in the medium of concern at the AOI.

Soil and groundwater sampling has confirmed that constituents of concern concentrations do not exceed the established site-specific remediation standards, so no remedial action was required. No Further Action At This Time is granted when contamination is confirmed to exist at concentrations that do not exceed the established standards. There are no institutional controls on this property.

An inspection of the site was performed on August 27, 2009, confirming that no investigation derived waste remains on site and that all monitoring wells were plugged and abandoned. No soils may be moved from this location without written authorization from the LDEQ unless they are removed and disposed at a permitted disposal facility.

Additional information on the details of the investigation and evaluation of this site may be obtained from LDEQ's Public Records Center located in the Galvez Building, Room 127, 602 N. Fifth Street, Baton Rouge, LA 70802. Additional information regarding the Public Records may be obtained by calling (225) 219-3168 or by emailing publicrecords@la.gov.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
FIELD INTERVIEW FORM

AGENCY INTEREST#: 13366 INSPECTION DATE: 8/27/09 TIME OF ARRIVAL: 12:24 PM

ALTERNATE ID#: _____ DEPARTURE DATE: 8/27/09 TIME OF DEPARTURE: 12:30 PM

FACILITY NAME: Former Exxon No. 5-0608 (ID Type/Number) PH #: _____

LOCATION: 4555 Essen Lane, Baton Rouge

PARISH NAME: EBR

RECEIVING STREAM (BASIN/SUBSEGMENT): _____

MAILING ADDRESS: _____
(Street/P.O. Box) (City) (State) (ZIP)

FACILITY REPRESENTATIVE: _____ TITLE: _____

FACILITY REPRESENTATIVE PHONE NUMBER: _____

NAME, TITLE, ADDRESS and TELEPHONE of RESPONSIBLE OFFICIAL (if different from above): _____

INSPECTION TYPE: NFA-ATT PROGRAM INVOLVED: AIR WASTE WATER OTHER UST

INSPECTOR'S OBSERVATIONS: (e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VERBAL COMMITMENTS FROM FACILITY REPRESENTATIVES)

NFA-ATT Inspection: All monitoring wells Pd Aed. No investigation derived waste observed on-site.

AREAS OF CONCERN:

REGULATION	EXPLANATION	CORRECTED?
_____	_____	YES NO
_____	_____	YES NO

PHOTOS TAKEN: ☐ YES ☒ NO SAMPLES TAKEN: ☐ YES ☒ NO (Attach Chain-of-custody)

RECEIVED BY: SIGNATURE: _____

PRINT NAME: _____
(NOTE: SIGNATURE DOES NOT NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSERVATIONS)

INSPECTOR(S): Chris Moore CROSS REFERENCE: _____

ATTACHMENTS: _____

REVIEWER: _____

NOTE: The Information contained on this form reflects only the preliminary observations of the inspector(s). It should not be interpreted as a final determination by the Department of Environmental Quality or any of its officers or personnel as to any matter, including, but not limited to, a determination of compliance or lack thereof by the facility operator with any requirements of statutes regulations or permits. Each day of non-compliance constitutes a separate violation of the regulations and/or the Louisiana Environmental Quality Act.

State of Louisiana
Department of Environmental Quality

BUDDY ROEMER
Governor

PAUL TEMPLET
Secretary

April 25, 1990

Roger Barielle
3235 Perkins Road
Baton Rouge, LA 70808

RE: Spur Service Station, Perkins Rd., B.R., LA
Four Tank Closures - Tanks Not Registered

Dear Sir:

We acknowledge receipt of your "Underground Storage Tank (UST) Closure Notification Form" dated April 18, 1990 for the above referenced facility.

Guidelines for permanent closure of USTs may be found in the American Petroleum Institute Publication #1604, or the National Fire Protection Association Handbook #30. The State Fire Marshal's Office must be contacted prior to tank closure; however, in cases where the USTs are located within a city's corporate limits, the local fire department is the appropriate body to contact.

After UST closure, we require the completion of the following forms to be submitted in duplicate: 1) UST Removal Information (form attached); 2) an amended copy of the UST Registration Form; 3) results of soil or groundwater analyses; and 4) a sketch of the site depicting UST and sampling locations. Failure to submit this information could result in the continuation of annual invoicing to the owner for the underground storage tank(s) that have not been properly removed from our inventory data base.

If you have any questions, please contact Mr. Dennis Strickland of our Capital Regional Office at (504) 342-7808. Please call him the week prior to the anticipated tank(s) closure. Thank you for your assistance in this matter.

Sincerely,

Frank L. Dautriel, Program Manager
Underground Storage Tank Division

FLD/DS/tb
Attachment

EXHIBIT A

FILE C

Return to: State of Louisiana
Department of Environmental Quality
Office of Solid and Hazardous Waste
Underground Storage Tank Division
P.O. Box 44274 Baton Rouge, LA 70804-4274

I.D. Number

Date Received

Regional Office

RECEIVED
UNDERGROUND STORAGE
TANK DIVISION

INSTRUCTIONS

Please complete and return thirty (30) days prior to permanent tank(s) closure.

I. Ownership of Tank(s)

Owner Name (Corporation, Individual, Public Agency, or other Entity)
Roger Barielle

Street Address
3235 Perkins Road

Parish
East Baton Rouge

City State Zip Code
Baton Rouge La. 70808

II. Location of Tank(s)

Facility Name or Company Site Identifier
Spur Service Station, Perkins Rd.

Street Address or State Road

Parish
East Baton Rouge

City(Nearest) State Zip Code
Baton Rouge, La.

Contact Person Area Code Phone Number
504 387-3454

ADDITIONAL INFORMATION

1. Type of closure: (check one) X Removal Close in Place

2. Number of tank(s) to be permanently closed: 4

3. If the tank(s) are to be closed in place, indicate cleaning method and type of fill material to be used:

4. Name and contractor number of contractor/individual performing tank closure and the scheduled date:

Petrochem Maintenance, Inc., P. O. Box 40345, Baton Rouge, La. 70835-0345

5. Name of analytical laboratory to conduct sample analysis:

American Analytical, 16550 Highland Rd., Baton Rouge, La.

6. Soil and/or groundwater samples must be collected to determine if a release has occurred. Proper sampling protocol should be obtained from the laboratory prior to commencement of closure activities.
   a. Tank(s) closed by removal: Soil samples must be taken immediately after tank removal and placed on ice. Samples should be collected approximately two (2) feet beneath the tank pad fill material at both ends of each tank's elongated portion. If groundwater is encountered during removal, soil samples should be collected from the excavation side wall at the uppermost level of the encountered groundwater. Groundwater samples are also acceptable.
   b. In-Place Closure: Samples must be obtained as described above utilizing an auger or similar instrument.
   c. Below is a chart depicting analytical requirements. The type of analysis is dependent upon the product last stored in greatest quantity by volume.

Contents	Native Media	Analysis Required	Analytical Procedure
Gasoline	Soil	BTEX*	Solid Waste 846-Method 8020
	Groundwater	BTEX and Total Lead	
Diesel	Soil	TPH-Diesel**	Modified California Department of Health Services Method
	Groundwater	TPH-Diesel	
Waste Oil	Soil	E.P. Toxicity Metals	Solid Waste 846-Method 1310
	Groundwater	Total Organic Halogens	ASTM Method D808
		Oil and Grease	503 E Standard Methods
		Volatile Organic Hydrocarbons	Solid Waste 846-Method 8240

*BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
**TPH-Diesel = Total Petroleum Hydrocarbons for diesel

CERTIFICATION

I certify the above submitted information is correct and I agree to submit the analytical results within 60 days after tank(s) closure:

(1) Analytical Results.
(2) Site Diagram indicating location(s) where sample(s) were collected.
(3) Amended Registration Form.

ROGER BARIELLE
Owner's Name

Owner's Signature

4/18/90
Date Signed

ENVIRONMENTAL SITE ASSESSMENT
OLD SPUR STATION
(STAR VIDEO)
BATON ROUGE, LOUISIANA

Prepared For:
Star Video
3235 Perkins Road
Baton Rouge, LA 70808

Prepared By:
ENVIRONMENTAL MATERIALS, INC.
2237 S. ACADIAN THRUWAY, SUITE 301
BATON ROUGE, LOUISIANA 70808
(504) 927-4850

September 25, 1990
EMI Project No. 903018

Jle
10-15-90

ENVIRONMENTAL MATERIALS, INC.

5930 LBJ Freeway
Suite 400
Dallas, TX 75240
(214) 458-8162
FAX # (214) 991-5302

2237 South Acadian Thruway
Suite 301
Baton Rouge, LA 70808
(504) 927-4850
FAX # (504) 926-8515

October 8, 1990

Mr. Frank L. Dautriel
Underground Storage Tank Division
Department of Environmental Quality
P.O. Box 44274
Baton Rouge, LA 70804-4274

RE: Old Spur Service Station
3235 Perkins Road
Baton Rouge, LA
East Baton Rouge Parish
Site Assessment

Dear Mr. Dautriel:

Attached is the above referenced site assessment. As stated in the report the contamination plume is limited in extent. The recommended corrective action for this site is to remove contaminated soils for on-site land treatment. The soils would be returned to the excavation after the treatment standard has been reached. If you have inquires regarding the site assessment or future corrective action, please call me at your convenience (Telephone 504-927-4850).

Sincerely,

Paul D. Templet
Environmental Geologist

PDT/blt

cc: Mr. Roger Barielle

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Appendices

Appendix A	Letter Report of June 13, 1990
Appendix B	Log of Borings and Well Construction Diagrams
Appendix C	Laboratory Results and Chain-of-Custody Documents
Appendix D	Geosciences, Inc. Test Results
Appendix E	List of Area Water Wells

EXECUTIVE SUMMARY

Environmental Materials, Inc. was employed by the owner of Star Video, located on the site of a former spur service station, to perform an environmental site assessement. During the removal of the old tanks at the site, contamination was found at two locations. Subsequent investigation at the waste oil tank showed that contamination probably came from a surface spill. Contamination was confirmed near the former gasoline tank bed.

This site assessement, in conjuction with other information available, has defined the plume of contamination. The plume is limited in extent and has migrated very slowly with the ground water. The plume is only two to three feet off-site to the east and has a concentration in the center of 23.8 ppm total BTEX.

A soil gas survey was used to located the southern extent of the plume, and to give an indication of the levels of BTEX constituents remaining in the tank bed. These levels exceeded 2,000 ppm on the photoionization detector at one of the two locations in the tank bed.

The corrective action recommended for this site is to remove the contaminated soil in the tank bed (and at the waste oil location) for on-site land treatment. The soils will be returned to the excavation once the treatment standard has been reached. Ground water would be monitored during this period to measure the effect of natural degradation on the BTEX constituents. An alternative corrective action measure would be to treat the soil as

above, partially backfill the excavation with pea gravel and create a large sump. Ground water would be removed from a well screen placed in the sump and treated through an on-site air stripper, or through filteration, prior to discharge to Dawson Creek.

INTRODUCTION

In early 1990, the owner of Star Video, formerly a Spur service station, removed the three gasoline Underground Storage Tanks (USTs) and one waste oil tank at the site. Analysis of the soil under one UST and the waste oil tank indicated that leaks may have occurred. Environmental Materials, Inc. (EMI) was employed to respond to a request from the Department of Environmental Quality (DEQ) for tests of soil and ground water - if possible - from outside the tank pits.

EMI placed two hand auger borings near the previous sample locations. In a letter report dated June 13, 1990 (Appendix A), EMI reported that soil near the waste oil tank did not show contamination at the depth of the tank. However, oil in the upper four feet of the boring did indicate that a surface spill may have occurred. Ground water samples near the UST, however, did show over 18 ppm total BTEX.

In a letter dated July 10, 1990, DEQ required a site assessment of the property. This report documents the work done for that site assessment.

FACILITY DESCRIPTION

Star Video is located on Perkins Road in Baton Rouge, Louisiana (see Figure 1). The improvements on the property have been significantly altered from the original Spur

SITE MAP

Old Spur Station
Star Video

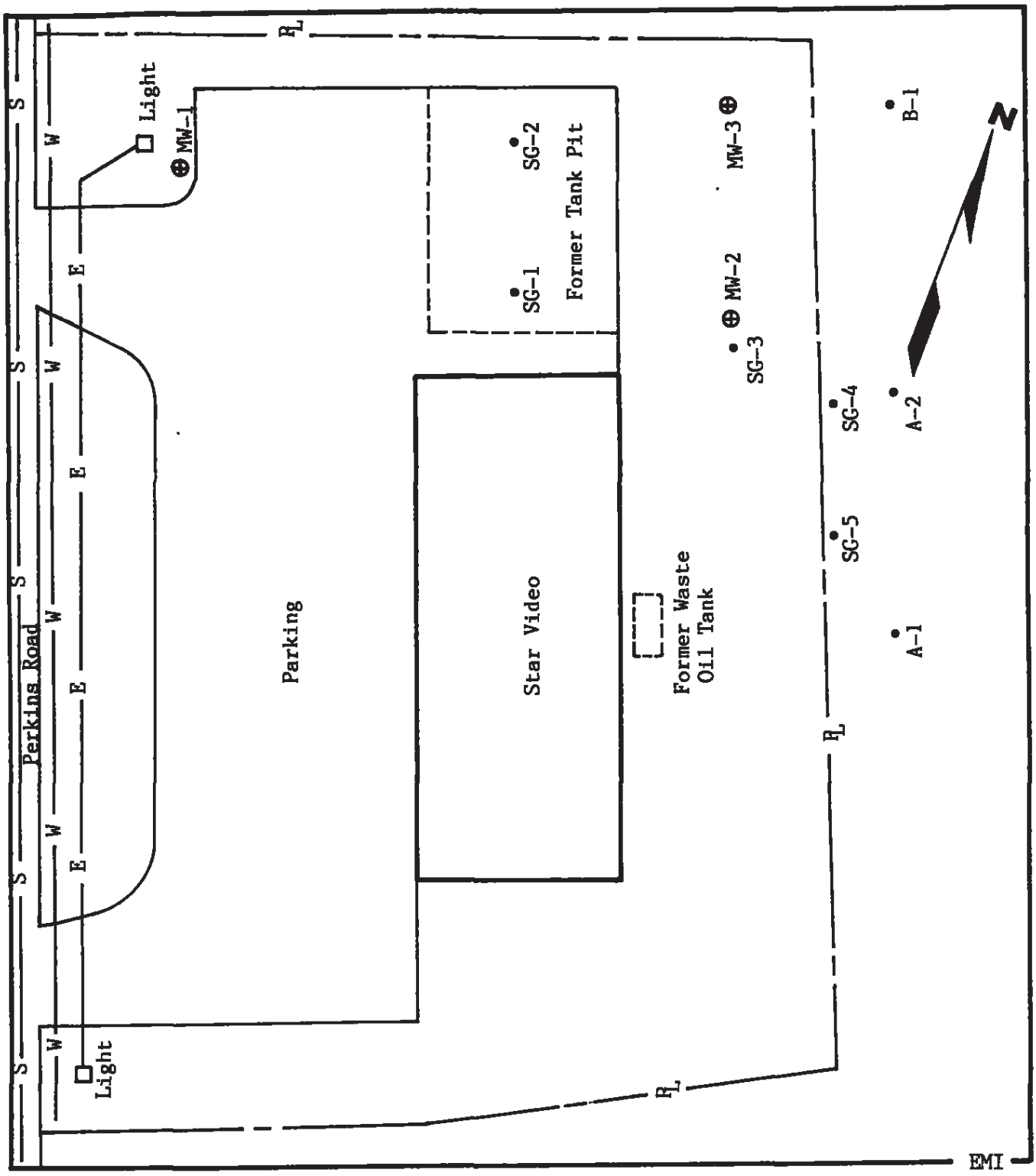
Scale - 1:24,000 EMI Project #903018 Figure 1

station. The building has been widened to accommodate the videotape rental business. Generalized tank locations are shown on the sketch map in Appendix A. Water, sanitary sewers, storm sewers and gas service are located underground. To the extent that these utilities were located, they are shown on Figure 2. Electrical and telephone service are above ground, except that outdoor lighting is run through underground conduits.

At some time in the past, prior to the construction of the Spur Station, the area was filled with rubble and dirt fill. The ground at the back of the building slopes sharply toward the back of the lot. The elevation of the store is approximately four feet above the elevation of the back of the property. The property slopes toward, and drains to, Dawson Creek. Construction of the Interstate 10 and its access ramp behind the store interrupts the flow of surface water. Ground water flow is still directly controlled by the creek, however.

BORING PROGRAM AND MONITOR WELL INSTALLATIONS

The site assessment field program began on August 20, 1990. Environmental Materials, Inc., (EMI) subcontracted drilling services to Encor, Inc., of Baton Rouge, LA. The field program was supervised by Paul D. Templet an environmental geologist with more than two years experience in monitor well installations. Three borings were drilled, continuously sampled and completed as three shallow monitoring wells. The well locations are displayed in Figure 2. Boring logs and well construction details are presented in Appendix B.



LEGEND

E = Electric Line
W = Water Line
S = Storm Sewer
SG-1 = Soil Gas Measurements
A & B = Ground Water Grub Samples

SITE DIAGRAM

Old Spur Station
Star Video

Approx. Scale: 1"=20'

EMI Project #903018

Figure 2

The borings were drilled and the monitor wells completed in each boring using the solid stem auger method. The borings were advanced at 2-foot intervals using a 4-inch diameter solid stem auger. The borehole was continuously sampled ahead of the auger by hydraulically pushing a thin walled Shelby tube sampler into the soil at 2-foot intervals. Soil samples were collected from each interval, classified by the on-site EMI geologist and recorded on the boring log. Representative soil samples were selected from each borehole by the on-site geologist for Geotechnical testing. The number of geotechnical samples was based on the type and variability of the lithology encountered at the site. A representative soil sample was retained from each interval for headspace analysis of organic vapors representing gasoline constituents.

Soil samples collected for field screening of gasoline constituents were selected from the undisturbed portion of the shelby tube sampler. The ends and the exterior surface of each core sample were removed and the undisturbed portion placed in a clean ziplock bag and sealed. The soil samples were allowed to warm in the ambient air for a minimum of 20 minutes to allow warming to the atmospheric temperature (>70^{0}F). This promoted the volatilization of organic compounds present in the soil sample. The headspace above the soil sample in each ziplock bag was measured for organic vapors with a HNu photoionization instrument. After a sufficient period of time to allow volatilization of the organic vapors, the seal on the ziplock bag was broken and the HNu probe inserted into the ziplock bag and the measured organic vapor was recorded on the boring log. The HNu was factory calibrated before arriving on-site.

Following completion of the boring a monitor well was installed in each bore hole. All three monitor wells were constructed using 4-inch diameter flush threaded Schedule 40 PVC casing and well screen. The well screens for all three monitor wells were continuously slotted (0.01-inch slot size). The screen for MW-1 and MW-3 were 10-feet long and a 15-foot long screen was used to construct MW-2.

The screen interval for each monitor well was determined in the field by the EMI geologist. When ground water was encountered the depth was measured initially then after a minimum of 10 minutes to determine static ground water. The screen was then placed above and below the water table so that any floating hydrocarbons could be detected. Monitoring Well MW-1 was screened from 4 to 14 feet below land surface (ft bls), Monitor Well MW-2 was screened from 5 to 20 ft bls and Monitor Well MW-3 was screened from 5 to 15 ft bls.

Following casing and screen installation, a well screen filter pack was installed in the annulus surrounding each well screen. The filter pack consisted of a uniformly graded 20/40 silica sand. The sand pack was installed to 1 ft above the top of each well screen. The top of the filter pack was measured in each well with a weighted tape measure or a measured rod. After the filter pack installation was completed a one foot thick bentonite seal was installed on top of the filter pack of each monitor well.

The remainder of the well annulus was grouted to the base of the protective manhole insert

with portland cement. The wells were completed with locking well caps, and flush-mounted weather proof manhole covers and sealed at the surface with concrete. The well head is protected by a 2 feet x 2 feet x 4 inch sloping concrete pad.

All drilling equipment including the drilling rig were pressure washed initially and between each borehole to decrease the chance of cross-contamination between boreholes. To prevent cross contamination between sample intervals all shelby tubes were decontaminated by scrubbing with soap and water and using a pressure washer between each sample.

The development of the wells at the site was accomplished using a bottom discharging/filling PVC bailer. The wells were bailed in a manner as to not to damage to the well screen or disrupt the filter pack. All three wells were bailed dry then allowed to recover and were bailed dry again.

After all of the monitor wells were developed, the top-of-casing (TOC) elevations were surveyed and referenced to a common datum point. The relative TOC elevations are recorded on the boring logs.

REGIONAL GEOLOGY

The geology of the Baton Rouge area is composed of the Pleistocene deposits of the Prairie

Terrace. Loess deposits overlie the Pleistocene deposits in most areas of the city. Meandering streams have superimposed Holocene deposits, within their flood plains, over the older soils. This is the case at the subject property.

As can be seen in the geologic cross-section, Figure 3, the proximity of Dawson's Creek has produced a pattern of strata that grade from fine to coarser materials. The water table, as is expected, slopes toward the creek.

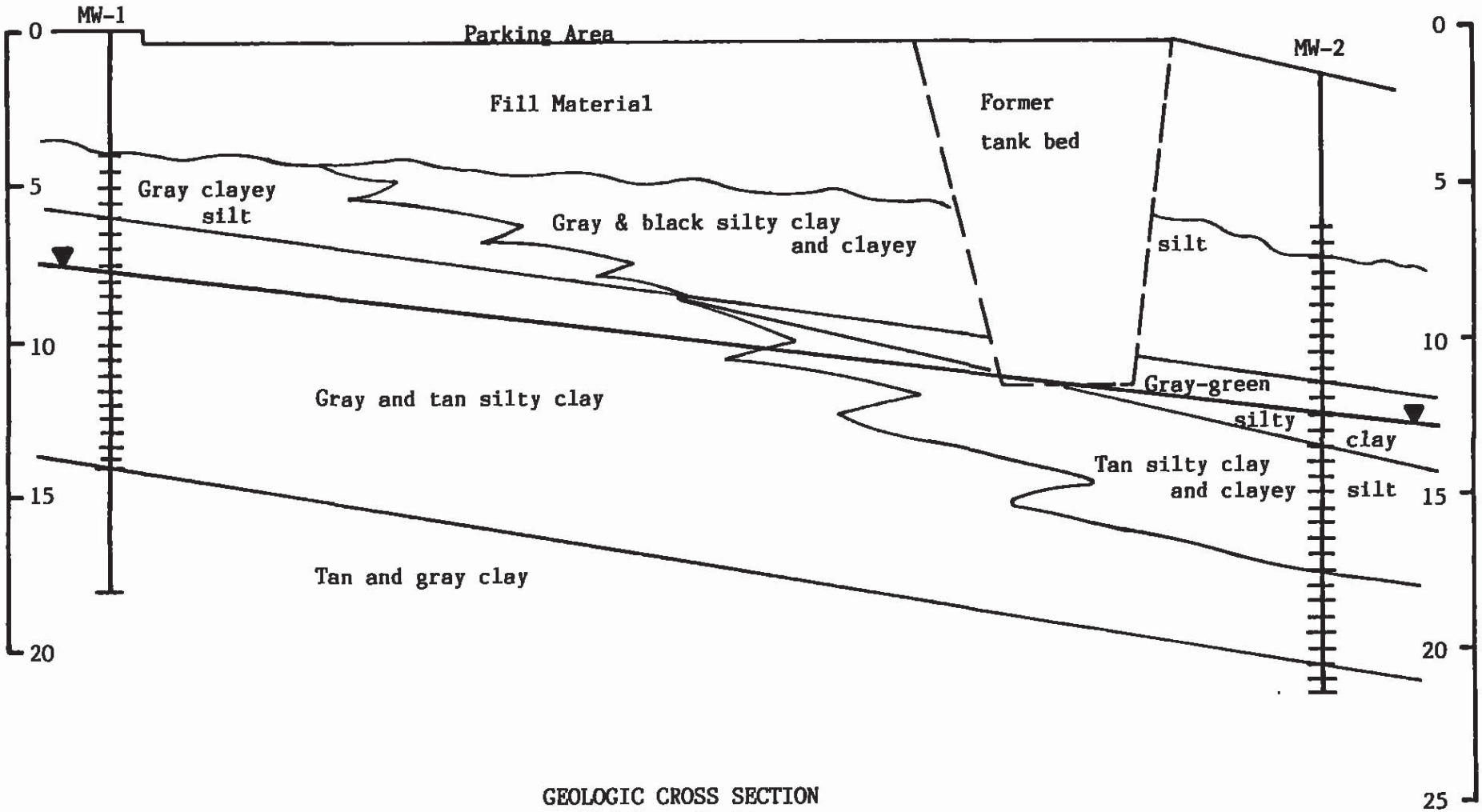
HYDROGEOLOGY

Water level measurements were made on the same day that the ground water was sampled, August 24, 1990. All measurements were made relative to a Reference Elevation (RE). The RE was set with a nail in the side of the building on the site. The water table measurements are shown on Table 1, below.

TABLE I
WATER LEVEL ELEVATIONS
AUGUST 24, 1990

Monitoring Well #	Relative Elevation TOC*	Depth to Water	Relative Water Elevation
1	48.04	7.92	40.12
2	48.58	11.10	37.48
3	47.70	9.27	38.43

*Reference Elevation - 53.72 feet.
Nail set in NE corner of building.



GEOLOGIC CROSS SECTION
Old Spur Station
Star Video

LEGEND

▼ = Water level 8/24/90
= Screened interval

Scale: horiz. - 1"=10'
vert. - 1"=5'

land surface elevations
are approximations

EMI Project #903018

Figure 3

The elevations were contoured to produce a potentiometric map. This is shown as Figure 4. As is expected, the direction of flow is generally toward the east, in the direction of Dawson's Creek.

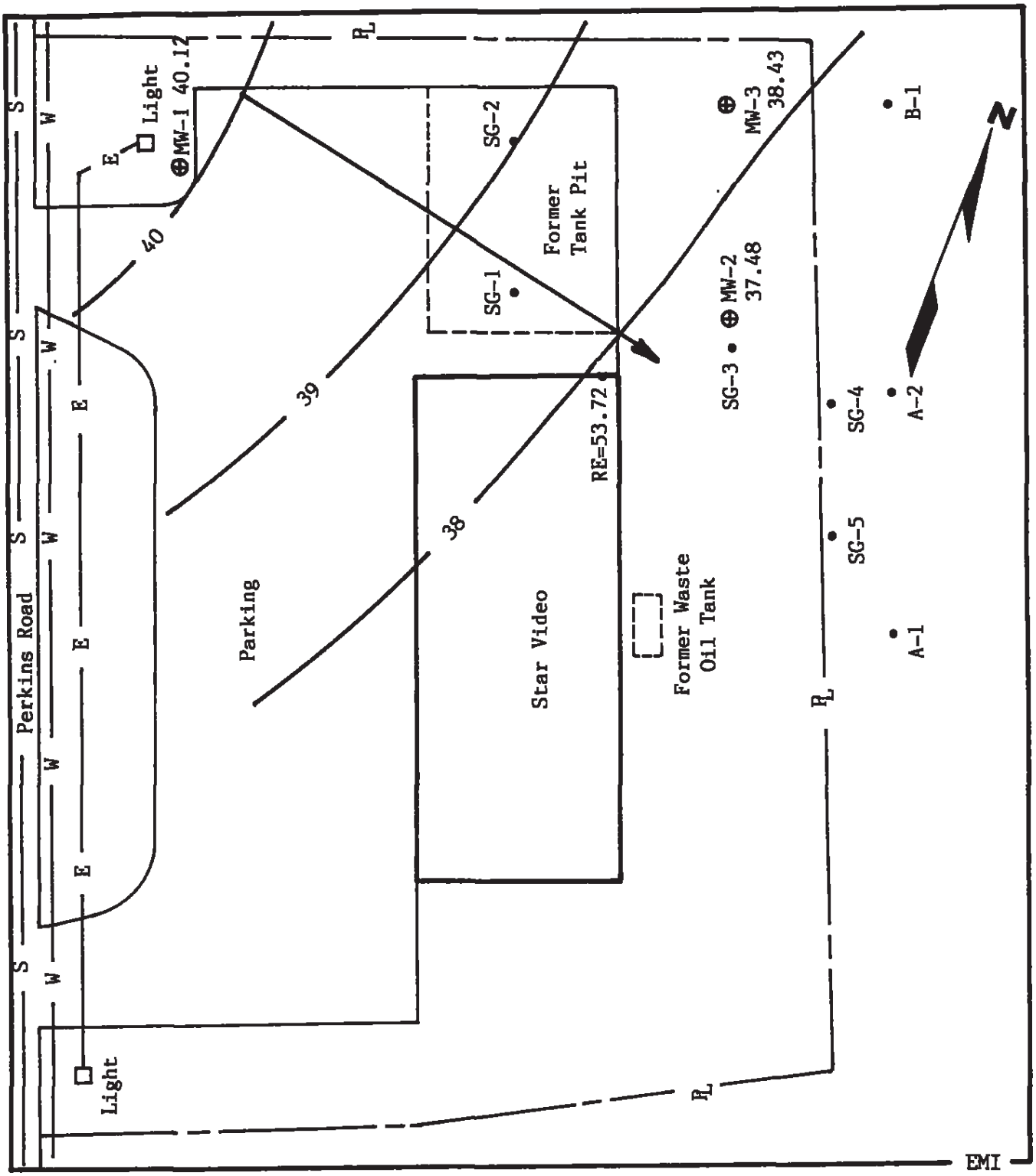
The hydraulic gradient of the water table is approximately .038 ft/ft. The mean ground water velocity can be calculated by assuming a hydraulic conductivity of 1 x 10^{-6}cm/sec (0.0028 ft/day) with an effective porosity of 0.80 for the silty clay under the site. Velocity can then be calculated by applying the Darcian flow equation V - ki/n where:

V = Mean Ground Water Velocity (ft/day)
k = Hydraulic Conductivity (ft/day)
i = Hydraulic Gradient (ft/ft)
n = Effective Porosity (dimensionless)

The calculated ground water velocity is 1.3 x 10^{-4}ft/day or .05 feet per year. At this rate one would not expect contamination being carried with the ground water to move very far.

GROUND WATER SAMPLES

Ground water samples from monitor wells 1-3 were collected on August 24, 1990. An electric water level indicator was used to take water level measurements in all wells prior to sampling. The electric water level indicator was decontaminated with a Tri-sodium phosphate wash followed by a potable water rinse followed by a distilled water rinse. All wells were bailed dry prior to sampling. The wells were allowed to recover then the ground water samples were collected with a disposable polyethylene bailer.



POTENTIOMETRIC SURFACE MAP

Old Spur Station
Star Video

LEGEND

RE + Reference Elevation

Approx. Scale: 1" = 20'

EMI Project #903018

Figure 4

The samples were immediately put on ice, chilled to 4° C and transported to Dynatech Environmental Laboratories for analysis for Benzene, Ethylbenzene, Toluene, and Xylene by EPA Method 502/602. Proper chain-of-custody documentation was filled out for the samples and is included, along with the test results, as Appendix C. The test results are tabulated in Table 2, below.

TABLE 2
ANALYTICAL RESULTS

Well No.	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylene (ppb)	Total BTEX (ppm)
1	ND*	ND	ND	ND	ND
2	7,880	5,865	192	9,858	23.8
3	BDL**	ND	ND	ND	ND

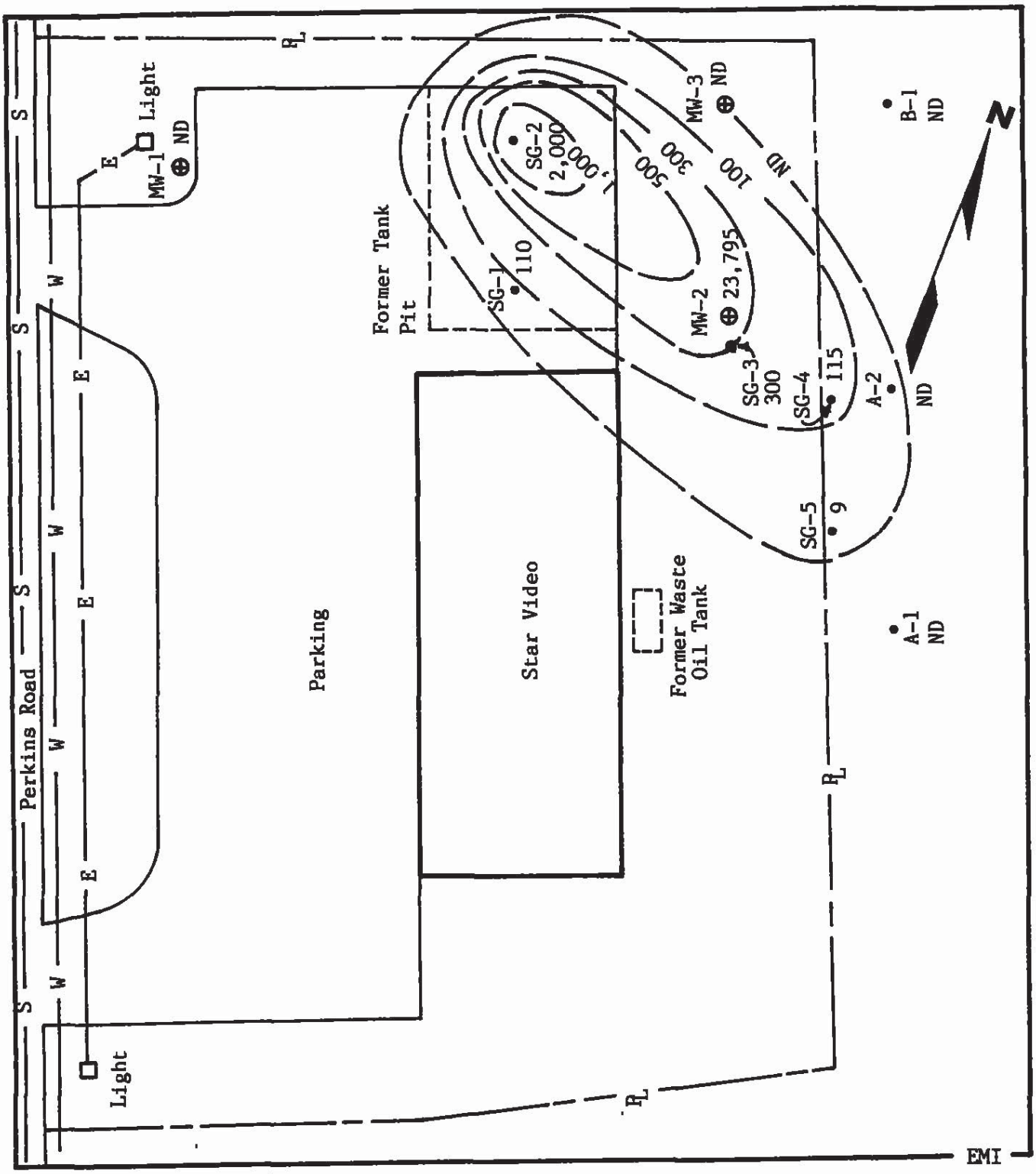
*ND = Not detected at method detection limit.
**BDL = Detected, but below the method detection limit, therefore not a reliable quantification could not be done.
Method Detection Limit - 10 ppb

In addition to the water samples obtained as described above, three samples were obtained for the adjacent property owner. The samples were obtained from hand auger borings taken along the east boundary of the subject property. The approximate location of these samples are shown on Figures 2, 4 and 5. The results of these analyses are shown in Appendix D. No gasoline constituents as BTEX were found in the samples.

SOIL GAS SURVEY

BTEX constituents were confirmed in MW-2, and shown not to be present off-site by the Geosciences, Inc. borings, however, the plume of contamination was not well defined to the south. A soil gas survey was performed to further define the extent of the BTEX constituents in the ground water.

The survey was conducted by driving a steel penetrometer to the ground water table, as shown by the water level in MW-2. A polyethylene tube was inserted in the hole which remained after the penetrometer was removed, and soil vapors were measured for BTEX constituents at various depths. Measurements were made with the same HNu photoionizaton detector used to measure vapors during monitoring well installation. Five locations were chosen for the survey. They are shown on Figure 5. Two were located in the former tank bed to determine upgradient conditions, one was located next to MW-2 to calibrate the measurements with the previous work, and two were located on the southern edge of the plume to provide plume delineation. The results are listed in Table 3, and are graphically portrayed in Figure 5.



SOIL VAPOR CONCENTRATIONS

LEGEND

Monitoring Well & Grub
Samples are total BTEX values in ppb
SG data are in ppm, taken from the highest HNU reading in the hole.

Old Spur Station
Star Video

Approx. Scale: 1"=20'

EMI Project #903018

Figure 5

TABLE 3
SOIL VAPOR READINGS

Boring	Depth (Ft.)	HNU Reading (ppm)	Boring	Depth (Ft.)	HNU Reading (ppm)
SG-1	7	15	SG-4	1	10
	9	110		2	115
SG-2	3	17		3	105
	6	>2,000		4	106
	9	25		5	110
SG-3	1	180		6	88
	2	280		7	88
	3	300	SG-5	1	7
	4	300		2	9
	5	240		3	7
	6	240		4	6
	7	190		5	6
				6	5
				7	3
				8	2

The results of the survey show that the plume is almost wholly contained on-site, with only a slight movement off-site to the east. Due to the slow movement of ground water in this area, extensive migration is not anticipated.

AREA WATER WELLS

A list of registered water wells within a one-half mile radius of the site was obtained from the department of Transportation and Development (DOTD), Water Resources Section. A total of 25 wells have been registered with DOTD in the given area. The list is included as Appendix E. Of the 25 wells, two have been abandoned, two are heat pump wells, two are used for water supply, one is used for irrigation and the remaining 19 are either monitoring or observation wells. Figure 6 shows the five wells from which water is taken. The remaining wells are not routinely pumped, and have no impact on the situation at this site. The five wells are all 250 feet deep or deeper. No impact from the site is anticipated on these wells.

CORRECTIVE ACTION PROPOSALS

DEQ requires the assessment of two alternative corrective action measures after the extent to contamination is determined. EMI recommends the following measure, after assessing several alternatives in general and specifically the two included below.

Area Water Wells

Old Spur Station
Star Video

- ■ Heat pump wells
- ▲ Public supply well
- ● Irrigation well
- ● Domestic well

Scale - 1:24,000 EMI Project #903018 Figure 6

ALTERNATIVE 1 (Recommended)

Oil from the surface spill remains in the upper four (4) feet of the soil column in the area of the waste oil tank which was removed. Additionally, the soil gas survey indicates that pockets of gasoline-contaminated soil remain in the tank pit. Both areas should be excavated to clean soil. The excavated soil will be spread on visqueen at the back of the subject property and landfarmed until the BTEX constituents are below one (1) part per million for each. Landfarming will be done by turning the soil with a plow, tiller or disc. Once the BTEX constituents have degraded past the clean-up level, the soil will be placed back into the excavations from which it came, and the site will be clean-closed.

Ground water monitoring will continue in the three wells on-site for the duration of the clean-up. This will document the degradation of the BTEX constituents in the water column. Once clean-up is achieved, the wells will be properly plugged and abandoned.

Doesn't address 23.8 ppm in MW-2 -- check now
& off site impact. could this well diam. be increased &
used as a recovery well to increase zone
of influence & reduce remediation time ?

Alternative 2 (considered)

This measure is similar to Alternative 1, except that, in addition to the soil clean-up as outlined above, ground water clean-up is included. After excavation, the tank pit will be partially filled with pea gravel. A six inch, Schedule 40, PVC Well Screen will be placed in the low end of the excavation creating a sump. Ground water will be withdrawn from the sump and treated on-site prior to discharge. Ground water treatment will be accomplished through air stripping, filteration, or a combination of both.

after 1 ppm is reached ?

As before, soils removed from the excavations will be placed back in the excavations. Additional soil volume caused by the placement of pea gravel in the tank pit will be spread on the slope at the back of the property. Ground water will be monitored quarterly, as in Alternative 1. & after treatment ?

Due to the relatively small size of the plume, and the slow movement of ground water in this area, EMI recommends Alternative 1.

APPENDIX

ENVIRONMENTAL MATERIALS, INC.

5930 LBJ Freeway
Suite 400
Dallas, TX 75240
(214) 458-8162
FAX # (214) 991-5302

2237 South Acadian Thruway
Suite 301
Baton Rouge, LA 70808
(504) 927-4850
FAX # (504) 926-8515

June 13, 1990

Mr. Roger Barielle
Corporate Investment
3235 Perkins Road
Baton Rouge, LA 70808

RE: Old Spur Station
EMI Project # 903018

Dear Mr. Barielle:

This letter is to confirm my verbal report to you concerning my findings at your facility. As agreed, I took two samples from hand auger borings; one near the location of the waste oil tank and one near the location of sample 3 from the previous set of samples (see sketch attached).

The first boring, HA-1, was taken just north of the waste oil tank location inside the area where the concrete was broken out to remove the tank. The sample was taken from a depth of seven feet. As can be seen from the test results (see attached) no oil and grease was detected. During the boring process, however, free oil was observed in the joints and cracks of the clay in the upper four feet. This observation is consistent with a surface spill of oil from the drum that was stored at this location. It is not consistent with a leaking waste oil tank.

The second boring, HA-2 was taken three feet east of the end of the middle tank. Water was encountered at a depth of six and one half feet. The hole was advanced to a depth of eight and one half feet, the last foot and a half through a medium sand. At this point the sand caved-in preventing boring any deeper. A water sample was secured from HA-2 in lieu of a soil sample. The test results indicate the following:

Benzene =	1.115 parts per million (ppm)
Toluene =	5.637 ppm
Ethylbenzene =	2.226 ppm
Total Xylenes =	9.256 ppm
Total BTEX =	18.234 ppm

These test results indicate that there has been a release to the ground water. DEQ will require further assessment and possibility some form of corrective action, for the release from the gasoline tank. The oil spill can physically be handled in conjunction with the gasoline tank, or as a separate action. I recommend that the upper four feet of soil be removed, land farmed on site, and returned to the hole when the oil has degraded sufficiently to meet DEQ criteria.

By copy of this letter, I am notifying DEQ of the results of this investigation. Further work at this site should await directions from DEQ.

Sincerely,

George H. Cramer II, R.P.G.
Vice President

GC/blt

cc: Dennis Strickland - DEQ

Randal Myers, Ph. D.
Laboratory Manager

Terry Wilks
Technical Director

DYNATECH ENVIRONMENTAL LABORATORIES

Analytical Environmental Services

June 11, 1990

To: Environmental Materials, Inc.
2237 South Acadian Thruway
Suite 301
Baton Rouge, LA 70808

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AA02160 P.O. Number: VERBAL

Sample location: ENVIRMAT HA-1

Collected by: GEORGE CRAMER Collection date: 06/04/90 Time: 18:45

Laboratory submittal date: 06/05/90 Time: 17:50

Received by: TRB Validated by: TRB

Parameter: Oil & Grease in Solids
Method reference: EPA 413.1
Result: 0 mg/Kg MDL or sensitivity: 10
Date started: 06/09/90 Date finished: 06/11/90
Time started: 13:40 Analyst: GEK

If there are any questions regarding this data, please call.

Randal B. Myers, Ph.D.
Laboratory Manager

Randal Myers, Ph. D.
Laboratory Manager

Terry Wilks
Technical Director

DYNATECH ENVIRONMENTAL LABORATORIES

Analytical Environmental Services

June 11, 1990

To: Environmental Materials, Inc.
2237 South Acadian Thruway
Suite 301
Baton Rouge, LA 70808

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AA02161 P.O. Number: VERBAL

Sample location: ENVIRMAT HA-2

Collected by: GEORGE CRAMER Collection date: 06/05/90 Time: 17:30

Laboratory submittal date: 06/05/90 Time: 17:50

Received by: TRB Validated by: TRB

Parameter: Benzene,Toluene,EthylBz,Xylenes
Method reference: EPA 502/602
Result: see appended report
Date started: 06/09/90 Date finished: 06/09/90
Time started: 08:16 Analyst: DRJ

Data for Benzene,Toluene,EthylBz,Xylenes ug/L

Component Name	Concentration	Component MDL
BENZENE	1115	440
TOLUENE	5637	440
ETHYLBENZENE	2226	440
PM-XYLENE	6573	440
O-XYLENE	2683	550
BFB RECOVERY %	90	

If there are any questions regarding this data, please call.

Randal B. Myers, Ph.D.
Laboratory Manager

ENVIRONMENTAL MATERIALS, INC.

Dallas, Texas Baton Rouge, Louisiana

CHAIN OF CUSTODY RECORD

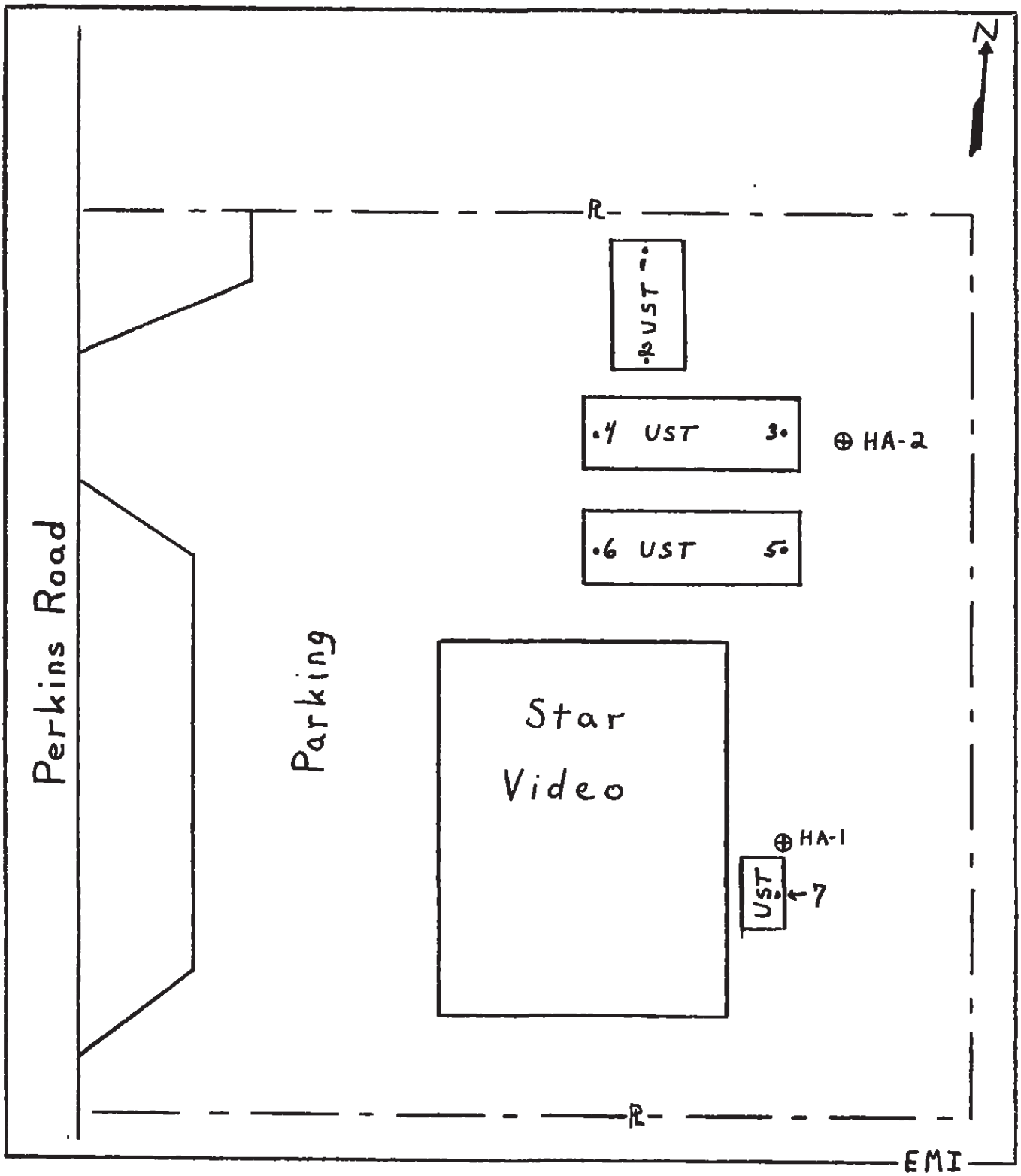
PROJECT NO.	PROJECT NAME
903018	Star Video

SAMPLERS: (Signature) George H Cameron

STATION NUMBER	DATE	TIME	STATION LOCATION	Oil & grease	BTEX	NUMBER OF CONTAINERS	REMARKS
HA-1	6/4	1845	7' AA02160	X		1	soil
HA-2	6/5	1730	8'1/2' AA02161		X	2	water
			TOTAL NUMBER OF CONTAINERS			3	

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: Signature)	DATE	TIME	RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: Signature)	DATE	TIME	RECEIVED BY: (Signature)

METHOD OF SHIPMENT	SHIPPED BY: (Signature)	COURIER: (Signature)	RECEIVED FOR LAB BY: (Signature)	DATE/TIME
ice chest	George H Cameron	George H Cameron	Michael Kelly	5 Jun 90 1750



Not to Scale

Boring Locations
Star Video

HA = Hand Auger Borings
• = Location of previous samples

APPENDIX

B

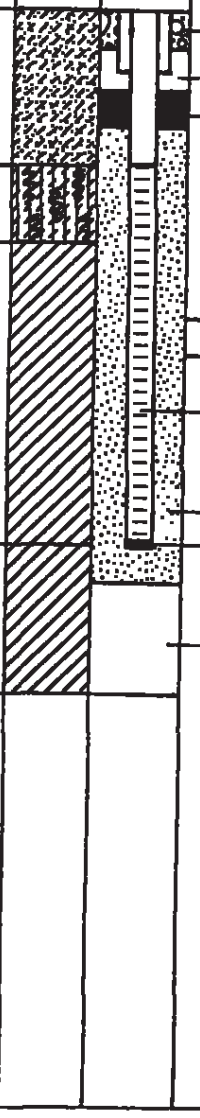
BORING LOG

PROJECT NUMBER: 903018	PROJECT NAME: Star Video		
BORING NUMBER: B-1	COORDINATES: N/A	DATE:	
ELEVATION: 48.04	GWL Depth 40.12 Date/Time 8/24/90	DATE STARTED: 8/21/90	
ENGINEER/ GEOLOGIST: Paul D. Templet	Depth Date/Time	DATE COMPLETED: 8/21/90	
DRILLING METHODS: Solid Stem Auger with Shelby Tube		PAGE 1 OF 1	

DEPTH (ft.)	SAMPLE TYPE/NO.	HNU (ppm.)	RECOVERY (%)	DESCRIPTION	USCS SYMBOL
0					
		7	75	Fill material; brown medium sand, gray silt and clayey silt, trace gravel.	SM
		6	85		
5		6	90	Gray clayey silt with wood fragments and roots; moist.	OL
	B-1 6-8	9	60	Gray silty clay with tan mottling.	CL
		6	80		
10		11	90		
		9	85	Silt pockets from 12' to 14'	
		12	90	Tan clay, iron staining.	CL
15	B-1 16-18	9	95		
				Boring terminated at 18' bls Completed monitor well MW-1 in borehole. All unified soil classifications based on visual field observation.	
20					
25					

SOIL PROFILE

WELL CONSTRUCTION



REMARKS

KEY

- ■ Shelby Tube sampled interval
- B-1 6-8 Sample sent to lab for physical tests
- ▽ Initial water level
- ▼ Static water level
- bls Below land surface

BORING LOG

PROJECT NUMBER: 903018	PROJECT NAME: Star Video		
BORING NUMBER: B-2	COORDINATES: N/A	DATE:	
ELEVATION: 48.58	GWL Depth 37.48 Date/Time 8/24/90	DATE STARTED: 8/21/90	
ENGINEER/GEOLOGIST: Paul D. Templet	Depth Date/Time	DATE COMPLETED: 8/21/90	
DRILLING METHODS: Solid Stem Auger with Shelby Tube		PAGE 1 OF 1	

DEPTH (ft.)	SAMPLE TYPE/NO.	HNU (ppm)	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	SOIL PROFILE	WELL CONSTRUCTION	REMARKS
0		12	70	Fill material; brown medium and fine sand, trace of clay and silt, HC odor.	SM			Concrete; Portland Cement; Bentonite Seal
		140	80					
5		120	70					
		35	65	Gray and black clay and silty clay, organic rich, HC odor.	OH			
		52	65					
10	B-2 10-12	72	80	Gray-green silty clay, slight HC odor.	CL			
		210	80	Tan silty clay, coarsens downward to clayey silt, orange mottling, wet, HC odor	ML			4" Diameter PVC 0.01" slotted screen
15	B-2 14-16	205	85					
		42	80	Tan silty clay, fining downwards, orange mottling, HC odor.	CL			Sandpack
		14	90					
20		9		Lt. gray clay, stiff, orange mott	CL			1.5" Cap
				Boring terminated at 20' bls, completed monitor well MW-2 in borehole. All unified soil classifications based on visual field observation.				
25								

KEY

■	Shelby Tube sampled interval
B-2 10-12	Sample sent to lab for physical tests
▽	Initial water level
▼	Static water level
bls	Below land surface
HC	Hydrocarbon

ENVIRONMENTAL MATERIALS, INC.

BORING LOG

PROJECT NUMBER: 903018	PROJECT NAME: Star Video		
BORING NUMBER: B-3	COORDINATES: N/A	DATE:	
ELEVATION: 47.70	GWL Depth 38.43 Date/Time 8/24/90	DATE STARTED: 8/21/90	
ENGINEER/GEOLOGIST: Paul D. Templet	Depth Date/Time	DATE COMPLETED: 8/21/90	
DRILLING METHODS: Solid Stem Auger with Shelby Tube		PAGE 1 OF 1	

DEPTH (ft.)	SAMPLE TYPE/NO.	HNU (ppm)	RECOVERY (%)	DESCRIPTION	USCS SYMBOL	SOIL PROFILE	WELL CONSTRUCTION	REMARKS
0								0
		5	75	Fill material; brown fine and medium sand, densely packed.	SM			Concrete
		6	80					Portland Cement
								Bentonite Seal
5		8	75	Brown silt, fining downwards to black silty clay with organics.	OL			5
		22	60	Tan and brown silty clay, black mottled, with organics, silt pockets from 8'-10'	CL			
		11	85					
10								10
		4	80	Tan clayey silt and silt, brown mottled, wet.	ML			4" Diameter PVC 0.01" slotted screen
		8	70					Sandpack
15	B-3 14-16	6	65	Tan clay, stiff, orange mottled silt-filled vert. burrow, 14-14.5'				1.5" Cap 15
				Boring terminated at 16' bls Completed monitor well MW-3 in borehole. All unified soil classifications based on visual field observation.				
20								20
25								25

KEY

■	Shelby Tube sampled interval
B-3 14-16	Sample sent to lab for physical tests
▽	Initial water level
▼	Static water level
bls	Below land surface
HC	Hydrocarbon

ENVIRONMENTAL MATERIALS, INC.

encor
Environmental Consulting and Remediation

September 12, 1990

Environmental Materials, Inc.
2237 South Acadian Thruway, Suite 301
Baton Rouge, LA 70808

Attention: Mr. Paul Templet, Jr.

Project No. 90C085

Dear Mr. Templet:

ENCOR appreciates the opportunity to provide the drilling and geotechnical laboratory services for your underground storage tank projects. The following tables present details of the information ENCOR obtained for Environmental Materials, Inc. (EMI) at the Star Video facility in Baton Rouge, Louisiana. Table 1 presents level surveying results at the top of each monitor well casing. Table 2 presents the results of the geotechnical laboratory testing performed on soil samples selected by a representative of EMI. Enclosed as Attachment A are the owner's copies of the monitor well registrations.

TABLE 1

Well No.	Top of Casing Elevation[1]
B-1	48.04
B-2	48.58
B-3	47.70

(1) Elevation relative to a temporary benchmark established as a nail driven into the wall on the northeast corner of the existing building and assigned a value of 50.00 feet.

We appreciate the opportunity to serve Environmental Materials, Inc. on this project. If you have any questions, please contact this office.

Very truly yours,
ENCOR

Charles D. Barber

CDB/arp
Enclosures

C190.085

A Division of OSCA
12021 Lakeland Park Blvd • Baton Rouge, LA 70809
(504) 756-2555 FAX: (504) 756 2562

TABLE 2

Boring No.	[1]Sample Depth (ft)	USCS Classification	% Water	Dry Weight (pcf)	Liquid Limit	Plastic Limit	Plasticity Index
B-1	6 - 8	CH	24.2	96.2	59	16	43
B-1	16 - 18	CL	20.8	104.2	48	14	34
B-2	10 - 12	CL	23.9	98.8	47	18	29
B-2	14 - 16	CL	25.7	95.7	35	19	16
B-3	14 - 16	CL	21.7	97.2	48	14	34

(1) Samples submitted to geotechnical laboratory on 8/22/90, testing performed on 9/5/90.

ENCOR
BATON ROUGE, LOUISIANA

TABLE 2
PROJECT NO. 90C085

C1T2.085

ATTACHMENT A

[redacted]ANA D[redacted]ENT [redacted]SPOR[redacted] AND D[redacted]PMENT[redacted]

WATER RESOURCES SECTION

WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1. USE OF WELL (Check Appropriate Box)
   - [ ] DOMESTIC
   - [ ] RIG SUPPLY
   - [x] MONITORING
   - [ ] HEAT PUMP SUPPLY
   - [ ] HEAT PUMP HOLE
   - [ ] ABANDONED PILOT HOLE
   - [ ] OTHER _____ (Please Specify)
2. WELL OWNER Star Video - Roger Barielle PHONE (504) 387-3141
3. ADDRESS 3235 Perkins Road BR, LA 70808
4. OWNER'S WELL NUMBER OR NAME (if any) MW-1
5. DATE COMPLETED 8/20/70 DEPTH OF HOLE 18.0 FT., DEPTH OF WELL 14.0 FT.
6. STATIC WATER LEVEL 1.9 FT BELOW GROUND SURFACE MEASURED ON 8.24 (Date)
7. CASING 4 IN. [ ] STEEL OR [x] PVC SCH. 40 LENGTH 3.0 FT.
8. SCREEN 4 IN. [ ] STEEL OR [x] PVC SCH. 40 SLOT SIZE 0.01 LENGTH 10.0 FT.
9. CEMENTED FROM 2.0 FT. TO GROUND SURFACE, USING [ ] PUMP-DOWN METHOD OR [x] GRAVITY METHOD
10. LOCATION OF WELL: PARISH East Baton Rouge WELL IS NEAR, Baton Rouge (Town or City)
    APPROXIMATELY 0.5 MILES FROM [illegible] Perkins Road Intersection with Anadian Rd (Crossroads Railroad, Any Landmark, etc.)
    (Please draw sketch on back of Original)
11. REMARKS: Site Address: 3235 Perkins Rd, BR LA
12. DRILLER'S LOG (Description and color of cuttings, such as shale, sand, etc, in feet)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	4	Sand			
4	6	Silty clay w/organics			
6	18	Clay			

13. FOR HEAT PUMP HOLES ONLY: AVG DEPTH _____ FT., NUMBER OF HOLES _____
    TUBING MATERIAL [ ] PVC, [ ] PE, [ ] PB, [ ] OTHER _____
14. ABANDONMENT INFORMATION: DOES THE NEW WELL REPLACE AN EXISTING WELL? YES [ ] NO [x]

(REV. 11/85)

OWNER'S COPY

ENVOR
Name of Water Well Contractor

LICENSE NUMBER WWC-376

[illegible] 1/11/90
Authorized Signature Date

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
ATTN: CHIEF - WATER RESOURCES SECTION
P.O. BOX 94245
BATON ROUGE, LA 70804-9245
(504) 379-1434

FOR OFFICE USE ONLY

STATE 22 PARISH LOCAL WELL NO -

IDENTIFICATION NUMBER 302522 011085001

OWNERS NAME

WELL DEPTH Ft

Use of Well

Date Completed MO YR

OWNER'S NO

Geologic Unit

CONTRACTOR'S NAME

SECTION -14 TOWNSHIP -7S RANGE -1E

HOLE DEPTH ELEV -35 QUAD NO. 163A

Inspected By _____
Date _____
Remarks _____

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1 USE OF WELL (Check Appropriate Box)
☐ DOMESTIC ☐ RIG SUPPLY ☑ MONITORING ☐ HEAT PUMP SUPPLY
☐ HEAT PUMP HOLE ☐ ABANDONED PILOT HOLE ☐ OTHER (Please Specify)

2. WELL OWNER Regi Barrick PHONE (504) 387-3141
3 ADDRESS 3235 Parkview Rd. BR, LA 70816
4 OWNER'S WELL NUMBER OR NAME (if any) MW-2
5. DATE COMPLETED 6/21/90 DEPTH OF HOLE 20.0 FT., DEPTH OF WELL 20.0 FT.
6. STATIC WATER LEVEL 11.1 FT. BELOW GROUND SURFACE MEASURED ON 6/21/90 (Date)
7. CASING 4 IN. ☐ STEEL OR ☑ PVC SCH. 40 LENGTH 5.0 FT
8. SCREEN 4 IN. ☐ STEEL OR ☑ PVC SCH 40 SLOT SIZE 0.01 LENGTH 15.0 FT.
9 CEMENTED FROM 3.0 FT. TO GROUND SURFACE, USING ☐ PUMP-DOWN METHOD OR ☑ GRAVITY METHOD
10. LOCATION OF WELL. PARISH East Baton Rouge WELL IS NEAR, Baton Rouge (Town or City)
APPROXIMATELY 0.5 MILES FROM Airline Hwy & Perkins Rd. (Crossroads, Railroad, Any Landmark, etc.)
Intersection.
(Please draw sketch on back of Original)
11. REMARKS: Site address same as above

12. DRILLER'S LOG (Description and color of cuttings, such as shale, sand, etc, in feet)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	6	mod fine sand (fill)			
6	10	Silty clay w/ gravel			
10	12	Silty clay			
12	16	clayey silt			
16	20	Silty clay			

13. FOR HEAT PUMP HOLES ONLY: AVG DEPTH _____ FT., NUMBER OF HOLES _____
TUBING MATERIAL ☐ PVC, ☐ PE, ☐ PB, ☐ OTHER _____
14. ABANDONMENT INFORMATION: DOES THE NEW WELL REPLACE AN EXISTING WELL? YES ☐ NO ☑

(REV 11/85) OWNER'S COPY

EWRK
Name of Water Well Contractor
LICENSE NUMBER WWC-376
A. A. Pinnicank 1/11/90
Authorized Signature Date

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT
ATTN: CHIEF - WATER RESOURCES SECTION
P.O. BOX 94245
BATON ROUGE, LA 70804-9245
(504) 379-1434

FOR OFFICE USE ONLY
STATE 22 PARISH LOCAL WELL NO
IDENTIFICATION NUMBER 30E22071DE50DR
OWNERS NAME
WELL DEPTH Ft Use of Well
Date Completed MO YR
OWNER'S NO Geologic Unit
CONTRACTOR'S NAME
SECTION 7H TOWNSHIP 1E RANGE 1E
HOLE DEPTH ELEV 215 QUAD. NO 16BR

Inspected By _____
Date _____
Remarks _____

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1. USE OF WELL (Check Appropriate Box)
   - [ ] DOMESTIC
   - [ ] RIG SUPPLY
   - [x] MONITORING
   - [ ] HEAT PUMP SUPPLY
   - [ ] HEAT PUMP HOLE
   - [ ] ABANDONED PILOT HOLE
   - [ ] OTHER _____ (Please Specify)
2. WELL OWNER Roger Barielle PHONE (504) 387-3141
3. ADDRESS 3235 Perkins Rd, BR, LA 70808
4. OWNER'S WELL NUMBER OR NAME (If any) MW-3
5. DATE COMPLETED 8/21/90 DEPTH OF HOLE 16.0 FT., DEPTH OF WELL 15.0 FT.
6. STATIC WATER LEVEL 7.3 FT. BELOW GROUND SURFACE MEASURED ON 8/24/90 (Date)
7. CASING 4 IN. [ ] STEEL OR [x] PVC SCH. 40 LENGTH 5.0 FT
8. SCREEN 4 IN. [ ] STEEL OR [x] PVC SCH. 40 SLOT SIZE 0.01 LENGTH 10.0 FT.
9. CEMENTED FROM 3.0 FT. TO GROUND SURFACE, USING [ ] PUMP-DOWN METHOD OR [x] GRAVITY METHOD
10. LOCATION OF WELL PARISH East Baton Rouge WELL IS NEAR, Baton Rouge (Town or City)
    APPROXIMATELY 0.5 MILES FROM Acadian Thruway & Perkins Road Intersection (Crossroads, Railroad; Any Landmark, etc.)
    (Please draw sketch on back of Original)
11. REMARKS: Site Address same as above
12. DRILLER'S LOG (Description and color of cuttings, such as shale, sand, etc, in feet)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	4	Sand			
4	6	Silty Clay/organic			
6	10	Silty Clay			
10	14	Clayey Silt			
14	16	Clay			

13. FOR HEAT PUMP HOLES ONLY: AVG. DEPTH _____ FT., NUMBER OF HOLES _____
    TUBING MATERIAL [ ] PVC, [ ] PE, [ ] PB, [ ] OTHER _____
14. ABANDONMENT INFORMATION: DOES THE NEW WELL REPLACE AN EXISTING WELL? YES [ ] NO [x]

(REV. 11/85) OWNER'S COPY

ENCOR
Name of Water Well Contractor

LICENSE NUMBER WWC-396

U. D. Primeaux 9/11/90
Authorized Signature Date

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
ATTN: CHIEF - WATER RESOURCES SECTION
P.O. BOX 94245
BATON ROUGE, LA 70804-9245
(504) 379-1434

FOR OFFICE USE ONLY

STATE 22 PARISH LOCAL WELL NO -

IDENTIFICATION NUMBER 302522071085003

OWNERS NAME

WELL DEPTH Ft. Use of Well

Date Completed MO. YR

OWNER'S NO. Geologic Unit

CONTRACTOR'S NAME

SECTION -14 TOWNSHIP -7S RANGE -1E

HOLE DEPTH ELEV -35 QUAD NO 163A

Inspected By _____
Date _____
Remarks _____

APPENDIX

Randal Myers, Ph. D.
Laboratory Manager

Terry Wilks
Technical Director

DYNATECH ENVIRONMENTAL LABORATORIES

Analytical Environmental Services

August 27, 1990

To: Environmental Materials, Inc.
2237 South Acadian Thruway
Suite 301
Baton Rouge, LA 70808

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AA03093 Project account code: 903018
Location code: ENVIRMAT Location Description: MW-1
Sample collector: PAUL TEMPLET
Sample collection date: 08/24/90 Time: 10:35
Laboratory submittal date: 08/24/90 Time: 13:30
Received by: TRB Validated by: TRB

Parameter: Benzene,Toluene,EthylBz,Xylenes
Method reference: EPA 502/602
Result: see appended report
Date started: 08/27/90 Date finished: 08/27/90
Time started: 10:21 Analyst: DRJ

Data for Benzene,Toluene,EthylBz,Xylenes ug/L:

Component Name	Concentration	Component MDL
BENZENE	bdl	1
TOLUENE	Not Det	1
ETHYLBENZENE	Not Det	1
PM-XYLENE	Not Det	1
O-XYLENE	Not Det	1
BFB RECOVERY %	100	

If there are any questions regarding this data, please call.

Randal B. Myers

Randal B. Myers, Ph.D.
Laboratory Manager

Randal Myers, Ph. D.
Laboratory Manager

Terry Wilks
Technical Director

DYNATECH ENVIRONMENTAL LABORATORIES

Analytical Environmental Services

August 27, 1990

To: Environmental Materials, Inc.
2237 South Acadian Thruway
Suite 301
Baton Rouge, LA 70808

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AA03094 Project account code: 903018
Location code: ENVIRMAT Location Description: MW-2
Sample collector: PAUL TEMPLET
Sample collection date: 08/24/90 Time: 10:45
Laboratory submittal date: 08/24/90 Time: 13:30
Received by: TRB Validated by: TRB

Parameter: Benzene,Toluene,EthylBz,Xylenes
Method reference: EPA 502/602
Result: see appended report
Date started: 08/27/90 Date finished: 08/27/90
Time started: 12:03 Analyst: DRJ

Data for Benzene,Toluene,EthylBz,Xylenes ug/L:

Component Name	Concentration	Component MDL
BENZENE	7880	1
TOLUENE	5865	1
ETHYLBENZENE	192	1
PM-XYLENE	7063	1
O-XYLENE	2795	1
BFB RECOVERY %	99	

If there are any questions regarding this data, please call.

Randal B. Myers

Randal B. Myers, Ph.D.
Laboratory Manager

Randal Myers, Ph. D.
Laboratory Manager

Terry Wilks
Technical Director

DYNATECH ENVIRONMENTAL LABORATORIES

Analytical Environmental Services

August 27, 1990

To: Environmental Materials, Inc.
2237 South Acadian Thruway
Suite 301
Baton Rouge, LA 70808

The following analytical results have been obtained for the indicated sample which was submitted to this laboratory:

Sample I.D. AA03095 Project account code: 903018
Location code: ENVIRMAT Location Description: MW-3
Sample collector: PAUL TEMPLET
Sample collection date: 08/24/90 Time: 10:55
Laboratory submittal date: 08/24/90 Time: 13:30
Received by: TRB Validated by: TRB

Parameter: Benzene,Toluene,EthylBz,Xylenes
Method reference: EPA 502/602
Result: see appended report
Date started: 08/27/90 Date finished: 08/27/90
Time started: 11:12 Analyst: DRJ

Data for Benzene,Toluene,EthylBz,Xylenes ug/L:

Component Name	Concentration	Component MDL
BENZENE	bdl	1
TOLUENE	Not Det	1
ETHYLBENZENE	Not Det	1
PM-XYLENE	Not Det	1
O-XYLENE	Not Det	1
BFB RECOVERY %	99	

If there are any questions regarding this data, please call.

Randal B. Myers

Randal B. Myers, Ph.D.
Laboratory Manager

ENVIRONMENTAL MATERIALS, INC.

Dallas, Texas Baton Rouge, Louisiana

CHAIN OF CUSTODY RECORD

PROJECT NO.	PROJECT NAME
903018	Star Video

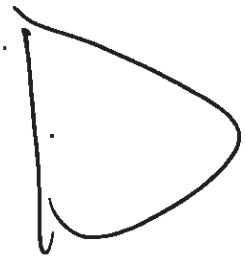
SAMPLERS: (Signature) Paul D. Templet

STATION NUMBER	DATE	TIME	STATION LOCATION	SAMPLE PARAMETER: BTEX (Eqn 8020)	OTHER	NUMBER OF CONTAINERS	REMARKS
MW-1	8/24/90	10:35				2	AA03093
MW-2	8/24/90	10:45				2	AA03094
MW-3	8/24/90	10:55				2	AA03095
			TOTAL NUMBER OF CONTAINERS			6	

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: Signature)	DATE	TIME	RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) Paul D. Templet	DATE 8/24	TIME 13:27	RECEIVED BY: (Signature)	RELINQUISHED BY: Signature)	DATE	TIME	RECEIVED BY: (Signature)

METHOD OF SHIPMENT	SHIPPED BY: (Signature)	COURIER: (Signature)	RECEIVED FOR LAB BY: (Signature)	DATE/TIME
In Person			Dammi Babin	8/24/90 1330

APPENDIX



WEST-PAINE Laboratories INC.
7575 GSRI AVE. • BATON ROUGE, LA 70820

Geosciences, Inc.
Baton Rouge, LA 70835
June 20, 1990

Sample receipt at West-Paine Laboratories, Inc. is documented for your designated sample(s). Chain-of-custody documentation, if provided, is included in this report. Sample analysis was in accordance with Environmental Protection Agency protocol.

A. Methods for Organic Chemical Analysis of Municipal & Industrial Wastewater, EPA-600/4-82-057, July 1982

Parameter	Method
Purgeable Aromatics	602

Documented results are shown on the following page(s).

Victor J. Blanchard III
General Manager

hal

90-5354

WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

Geosciences, Inc.
Baton Rouge, LA 70835
SAMPLE #: 900612-0054

Method 602
Purgeable Aromatics

All results in micrograms per liter

SAMPLE SOURCE: A-1/6-12
Sample Date: 90/06/12 Sample Time: 10:30

Parameter	Result	Detection Limit
Benzene	< 10	10
Toluene	< 10	10
Ethylbenzene	< 10	10
Xylene	< 10	10

Date of Analysis: 90/06/19 Analyst: JJM

hal

90-5354

WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

Geosciences, Inc.
Baton Rouge, LA 70835
SAMPLE #: 900612-0054

QUALITY ASSURANCE/QUALITY CONTROL
PERCENT RECOVERY

Purgeable Aromatics

Parameter	A-1/6-12
Benzene	97
Toluene	93
Ethylbenzene	91
Xylene	91
Bromofluorobenzene (IS)	95

hal

90-5354

WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

Geosciences, Inc.
Baton Rouge, LA 70835
SAMPLE #: 900612-0055

Method 602
Purgeable Aromatics

All results in micrograms per liter

SAMPLE SOURCE: A-2/6-12
Sample Date: 90/06/12 Sample Time: 10:35

Parameter	Result	Detection Limit
Benzene	< 10	10
Toluene	< 10	10
Ethylbenzene	< 10	10
Xylene	< 10	10

Date of Analysis: 90/06/19 Analyst: JJM

hal

90-5354

WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

Geosciences, Inc.
Baton Rouge, LA 70835
SAMPLE #: 900612-0055

QUALITY ASSURANCE/QUALITY CONTROL
PERCENT RECOVERY

Purgeable Aromatics

Parameter	A-2/6-12
Benzene	97
Toluene	93
Ethylbenzene	91
Xylene	91
Bromofluorobenzene (IS)	95

hal

WEST-PAINE Laboratories INC.
7979 OSRI AVE. • BATON ROUGE, LA 70820

Geosciences, Inc.
Baton Rouge, LA 70835
SAMPLE #: 900612-0056

Method 602
Purgeable Aromatics

All results in micrograms per liter

SAMPLE SOURCE: B-1/6-12
Sample Date: 90/06/12 Sample Time: 10:45

Parameter	Result	Detection Limit
Benzene	< 10	10
Toluene	< 10	10
Ethylbenzene	< 10	10
Xylene	< 10	10

Date of Analysis: 90/06/20 Analyst: JJM

hal

90-5354

WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

Geosciences, Inc.
Baton Rouge, LA 70835
SAMPLE #: 900612-0056

QUALITY ASSURANCE/QUALITY CONTROL
PERCENT RECOVERY

Purgeable Aromatics

Parameter	B-1/6-12
Benzene	97
Toluene	93
Ethylbenzene	91
Xylene	91
Bromofluorobenzene (IS)	95

hal

90-5354

GEOSCIENCES, INC.
ENGINEERING CONSULTANTS

PO BOX 40185
BATON ROUGE, LA 70835

CHAIN-OF-CUSTODY RECORD

Proj. No.

Project Name: Envir. Property Audit; Richland Estates Tract 1-B

Samplers: (Signatures) 1. Donald A. Collette III, P.E.
2.
3.

Sample I.D.	Date	Time	Comp.	Grab	Coll. By 1,2,3	No. of Containers	ANALYSES: BTEX	Remarks
A-1/6-12	6-12-90	10:30am			1	2	✓	
A-2/6-12	"	10:35am			1	2	✓	
B-1/6-12	"	10:45am			1	2	✓	

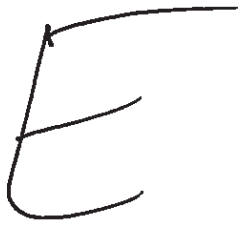
Relinquished by:	Date	Time	Received by:	Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by:	Relinquished by:	Date	Time	Received for Laboratory by:
				Donald A. Collette III	6-12-90	1:30 pm	Daria Haydel

Remarks: ALL SAMPLES ICED IN THE FIELD AND DURING TRANSPORT TO THE LAB.
✓ YES ___ NO

TRANSPORTED BY: Donald A. Collette III

ANALYSES TO BE COMPLETED:
___ CALLOUT ___ NORMAL TURNAROUND PERIOD
✓ PRIORITY (NO CALLOUT)

APPENDIX



WELL2071 REGISTERED WATER WELLS IN E BATON ROUGE PARISH --WITHIN GIVEN COORDINATES PAGE 1
09/11/90
NORTH- 302610 SOUTH- 302457 EAST- 910849 WEST- 910949

IDENTIFICATION NUMBER	OWNERS NAME	WELL NUMBER	OWNERS WELL NUMBER	WELL DEPTH	WELL USE	SUB USE	DATE COMPLETED	PUMPING RATE(GPD)	AVAILABLE INFORMATION	
AQUIFER--SHALLOW SANDS OF BATON ROUGE AREA										
302504091084501	PHILLIPS, H	854		284	PUBLIC SUPPLY	-R	1153	700000	L C	
TOTAL NUMBER OF REGISTERED WATER WELLS BY AQUIFER CODE 1										
AQUIFER--NO WELL MADE LOG DEPTH SHOWN										
302536091091201	PUEA, WAYNE	-5354Z		250	HEAT PUMP	HH	1185		L	
302555091085401	LEA, MAXWELL	-5635Z		250	HEAT PUMP	HH	0188		L	
TOTAL NUMBER OF REGISTERED WATER WELLS BY AQUIFER CODE 2										
AQUIFER--AQUIFER CODE NOT ASSIGNED										
302601091094101	SOUTHLAND CORP	-5458Z	MW-1	16	MONITOR	--	1286		L	
302601091094102	SOUTHLAND CORP	-5459Z	MW-2	16	MONITOR	--	1286		L	
302601091094103	SOUTHLAND CORP	-5460Z	MW-3	16	MONITOR	--	1286		L	
302601091094104	SOUTHLAND CORP	-5461Z	MW-4	16	MONITOR	--	1286		L	
302530091090201	GULF OIL	-5636Z	MW-1	16	MONITOR	--	0288		L	
302530091090202	GULF OIL	-5637Z	MW-2	16	MONITOR	--	0288		L	
302530091090203	GULF OIL	-5638Z	MW-3	11	MONITOR	--	0288		L	
302530091090204	GULF OIL	-5639Z	MW-4	16	MONITOR	--	0288		L	
302532091090007	CHEVRON	-6266Z	MW6A	11	MONITOR	PA	0889		L W	
302532091090011	CHEVRON	-6267Z	MW-9	16	MONITOR	PA	0889		L W	
302533091090001	CHEVRON	-6399Z	MW-3		MONITOR	PA				
302533091090002	CHEVRON	-6400Z	MW-5		MONITOR	PA				
TOTAL NUMBER OF REGISTERED WATER WELLS BY AQUIFER CODE 12										
AQUIFER--400-FOOT SAND OF BATON ROUGE AREA										
302551091085901	RAMSEY, J	- 734		504	DOMESTIC	--	0960			
302500091085801	LA W R R INST	- 823	ALOY	582	OBSERVATION	-O	0967		E C	
302553091092002	LA W R R INST	- 825	CATL	475	OBSERVATION	-W	0967		C	
TOTAL NUMBER OF REGISTERED WATER WELLS BY AQUIFER CODE 3										

NORTH- 302610 SOUTH- 302457 EAST- 910848 WEST- 910949

IDENTIFICATION NUMBER	OWNERS NAME	WELL NUMBER	OWNERS WELL NUMBER	WELL DEPTH	WELL USE	SUB USE	DATE COMPLETED	PUMPING RATE(GPD)	AVAILABLE INFORMATION
----------AQUIFER--600-FOOT SAND OF BATON ROUGE AREA----------									
302553091092001	LA W R R INST	824	CATS	581	OBSERVATION	W	0967		E C
TOTAL NUMBER OF REGISTERED WATER WELLS BY AQUIFER CODE 1									
----------AQUIFER--800-FOOT SAND OF BATON ROUGE AREA----------									
302520091092001	JOLLY, HENRY	130		1147	ABANDONED		0720		L
TOTAL NUMBER OF REGISTERED WATER WELLS BY AQUIFER CODE 1									
----------AQUIFER--1000-FOOT SAND OF BATON ROUGE AREA----------									
302535091090402	U S GEOL SURVEY	782A		1189	OBSERVATION	D	0465		DC
TOTAL NUMBER OF REGISTERED WATER WELLS BY AQUIFER CODE 1									
----------AQUIFER--1200-FOOT SAND OF BATON ROUGE AREA----------									
302541091091901	BATES, C	156		1200	ABANDONED		0618		L
TOTAL NUMBER OF REGISTERED WATER WELLS BY AQUIFER CODE 1									
----------AQUIFER--1500-FOOT SAND OF BATON ROUGE AREA----------									
302541091091902	BATES, C	157		1552	IRRIGATION		0642	140000	L C
302535091090403	U S GEOL SURVEY	782B		1681	OBSERVATION	D	0465		DC
TOTAL NUMBER OF REGISTERED WATER WELLS BY AQUIFER CODE 2									
----------AQUIFER--2000-FOOT SAND OF BATON ROUGE AREA----------									
302535091090401	U S GEOL SURVEY	781		2286	OBSERVATION	D	0465		ELDC
TOTAL NUMBER OF REGISTERED WATER WELLS BY AQUIFER CODE 1									
----------AQUIFER--ALL AQUIFERS----------									
TOTAL NUMBER OF REGISTERED WATER WELLS IN PARISH WITHIN COORDINATES 25									

ENVIRONMENTAL MATERIALS, INC.

RECEIVED
OCT 29 1991
UNDERGROUND STORAGE
TANK DIVISION

ENVIRONMENTAL SITE ASSESSMENT
OLD SPUR STATION
(STAR VIDEO)
BATON ROUGE, LOUISIANA

AUGUST, 1991

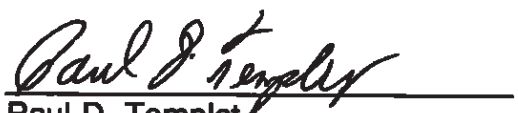
Prepared For:

STAR VIDEO
3235 PERKINS ROAD
BATON ROUGE, LA 70808

Prepared By:

ENVIRONMENTAL MATERIALS, INC.
7916 WRENWOOD BLVD., SUITE F
BATON ROUGE, LOUISIANA 70809
(504) 927-4850

EMI PROJECT NO. 903018



Paul D. Templet
Project Manager

George H. Cramer, II
Vice President
Registered Geologist

ENVIRONMENTAL MATERIALS, INC.

5930 LBJ FREEWAY, SUITE 300
DALLAS, TX 75240
(214) 458-8162
(214) 239-3649 FAX

7916 WRENWOOD, SUITE F
BATON ROUGE, LA 70809
(504) 927-4850
(504) 928-2660 FAX

October 29, 1991

RECEIVED
OCT 29 1991
UNDERGROUND STORAGE
TANK DIVISION

Mr. Dennis Strickland Acting Program Manager
Underground Storage Tank Division
Office of Solid and Hazardous Waste
LA Department of Environmental Quality
P.O. Box 82178
Baton Rouge, LA 70884-2178

RE: Additional Site Assessment
Star Video (Old Spur Station)
3235 Perkins Road
Baton Rouge, Louisiana
East Baton Rouge Parish
Incident #90-02-140

Dear Mr. Strickland:

Attached for your review are three (3) copies of the additional Assessment Report for the above referenced facility. I would like to meet with you to review this report and discuss my client's options.

Your cooperation in this matter is greatly appreciated. If you have any questions, please call at your convenience (504) 927-4850.

Sincerely,

Paul D. Templet

Paul D. Templet
Environmental Geologist

PDT/rds

attachment

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A. Boring Logs and Monitor Well Registration Forms
B. Analytical Report and Chain-of-Custody Documentation

1. INTRODUCTION AND BACKGROUND

Environmental Materials, Inc. (EMI) was contracted by the owner of Star Video, located on the site of a former Spur service station, (see Figure 1), to conduct an initial environmental site assessment in June, 1990. During the removal of the old tanks at the site (May, 1990), hydrocarbon constituents were found at two locations. Subsequent investigation by EMI in June of 1990 at the waste oil tank showed that the source of hydrocarbons came from a surface spill resulting from a over flowing 55-gallon drum containing unused industrial oil. A hydrocarbon release was confirmed by a hand auger sample in June, 1991 near the former gasoline tank bed. These results were reported by EMI to the Louisiana Department of Environmental Quality (LDEQ) in a report dated June 13, 1990.

EMI conducted a site assessment in August, 1990 which consisted of a soil vapor survey and the installation of three (3) monitor wells. This site assessment, in conjunction with other information available, had defined the plume of contamination. A soil gas survey was used to locate the southern extent of the plume, and to give an indication of the levels of BTEX constituents remaining in the tank bed.

The corrective action recommended for this site was to remove the contaminated soil in the tank bed (and at the waste oil location) for on-site land treatment. The soils will be returned to the excavation once the treatment standard has been reached. Groundwater would be monitored during this period to measure the effect of natural degradation on the BTEX constituents. An alternative corrective action measure would be to treat the soil as above, partially backfill the excavation with pea gravel and create a large sump. Groundwater would be removed from a well screen placed in the sump and treated through an on-site air stripper, or through filtration, prior to discharge to Dawson Creek. EMI submitted the assessment report to LDEQ in September, 1991.
LDEQ responded to the assessment report in a letter dated March 19, 1991. The option to aerate the soils on the adjacent property (authorized in LDEQ's response) is no longer

feasible because property access to the adjacent property has been denied. Due to economic considerations by the current owner/operator EMI requested an extension to respond to LDEQ's request.

On July 11, 1991 EMI, Roger Barielle (the owner) and LDEQ met to discuss alternatives to the corrective actions recommended by EMI in the October report. This additional assessment report is in response to that July 11, 1991 meeting.

2.0 SCOPE OF WORK

- Install two additional borings to be completed as monitor wells. The location and specifications will meet the requirements agreed upon with LDEQ in the meeting on July 10, 1991 and site visit on July 11, 1991. Soil samples will be collected based on HNU field screening results and analyzed for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) using EPA Method 5020.

- Sample the ground water in the newly installed monitor wells MW-4 and MW-5 and in the existing wells MW-1, MW-2, and MW-3. The groundwater samples will be analyzed for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) using EPA Method 602.

- Prepare a report including laboratory analytical results, conclusions, and recommendations.

3.0 BORING PROGRAM AND MONITOR WELL INSTALLATION

The field program began on July 25, 1991. Two monitor wells were installed at the locations and specifications agreed upon with the LDEQ representative Mr. Dennis Piper during the July 11, 1991 site visit. EMI subcontracted drilling services to Custom Coring, Inc. of Baton Rouge, Louisiana. Two borings were drilled, continuously sampled and

completed as two shallow monitoring wells. The well locations are displayed in Figure 2. Borings logs, and well construction details and monitor well registration forms are presented in Appendix A.

The borings were drilled and the monitor wells completed in each boring using the hollow stem auger method. The borings were advanced at 2-foot intervals using a 12-inch outside diameter hollow stem auger. The borehole was continuously sampled ahead of the auger by hydraulically pushing a thin walled Shelby tube sampler into the soil at 2-foot intervals. Soil samples were collected from each interval, classified by the on-site EMI geologist using the Unified Soil Classification System and recorded on the boring log. A representative soil sample was retained from each interval for headspace analysis of organic vapors representing gasoline constituents.

Soil samples collected for field screening of gasoline constituents were selected from the undisturbed portion of the shelby tube sampler. The ends and the exterior surface of each core sample were removed and the undisturbed portion placed in a clean ziplock bag and sealed. The soil samples were allowed to warm in the ambient air for a minimum of 20 minutes to allow warming to the atmospheric temperature (>70^{0}F). This promoted the volatilization of organic compounds present in the soil sampled. The headspace above the soil sampled in each ziplock bag was measured for organic vapors with a HNU photoionization instrument. After a sufficient period of time to allow volatilization of the organic vapors, the seal on the ziplock bag was broken and the HNU probe inserted into the ziplock bag. The measured organic vapor level was recorded on the boring log.

Following completion of the boring, a monitor well was installed in each borehole. Both monitor wells were constructed using 4-inch diameter flush threaded Schedule 40 PVC casing and well screen. The well screens for both monitor wells were 10-foot long continuously slotted (0.01-inch slot size). Monitor well construction details are provided on the boring logs in Appendix A.

All drilling equipment including the drilling rig, were pressure washed initially and between each borehole to decrease the chance of cross-contamination between boreholes. To prevent cross contamination between sample intervals all shelby tubes were decontaminated by scrubbing with soap and water and using a pressure washer between each sample.

The development of the wells at the site was accomplished using a bottom discharging/filling PVC bailer and a peristaltic pump. The wells were bailed in a manner as to not to damage the well screen or disrupt the filter pack. Both wells were surged with a bailer, pumped dry, then were allowed to recover and were pumped dry again.

After the monitor wells MW-4 and MW-5 were developed, the top-of-casing (TOC) elevations were resurveyed including the three existing wells and referenced to a common datum point with an assumed elevation of 100 feet.

4.0 HYDROGEOLOGY

Water level measurements were made on the same day that the groundwater was sampled, July 31, 1991. All measurements were made relative to the Reference Elevation of 100 feet. The water table measurements are shown in Table 1.

TABLE 1
WATER LEVEL ELEVATIONS
JULY 31, 1991

Monitoring Well No.	Relative Elevation TOC*	Depth to Water	Relative Water Elevation
MW-1	98.35	6.17	92.18
MW-2	98.89	4.42	94.47
MW-3	98.00	6.58	91.42
MW-4	97.28	5.07	92.21
MW-5	99.24	7.36	91.88

* Reference Elevation = 100.00 feet.

The direction of groundwater flow is illustrated in Figure 3. Based on groundwater measurements collected on July 31, 1991 the groundwater flow is radial away from the former tank pit with the steeper gradient of 0.1 ft/ft toward the east. The steeper gradient is in direct relation with the surface topography which drops 4 to 5 feet to the adjacent property line. The radial groundwater flow is probably due to the unpaved former UST Pit acting as a recharge area.

5.0 SOIL SAMPLES

Soil samples were collected from the borings for MW-4 and MW-5. The soil sample indicating the highest organic vapor measurement (HNU reading) was selected for laboratory analysis. The samples were immediately put on ice, chilled to 4° C and transported to Environmental Laboratories, Inc. for analysis for Benzene, Ethylbenzene, Toluene, and Xylene by EPA Method 5020. Proper chain-of-custody documentation was filled out for the samples and is included, along with the test results, in Appendix B. The analytical results are tabulated in Table 2, below.

TABLE 2

SOIL SAMPLE ANALYTICAL RESULTS

Boring	Benzene	Toluene	Ethlybenzene	Xylene	Total
MW-4 (12-14')	**6.2**	**15.3**	**10.7**	**50.9**	**83.1**
MW-5 (8-10')	**BDL***	**BDL**	**BDL**	**BDL**	**BDL**

BDL = Below Method Detection

Method Detection Limit = 0.1 for MW-4 and 0.01 Mg/Kg for MW-5

Results given in parts per million Mg/Kg

6.0 GROUNDWATER SAMPLES

Groundwater samples from monitor wells MW-1 through MW-5 were collected on July 31, 1991. An electric water level indicator was used to take water level measurements in all wells prior to sampling. The electric water level indicator was decontaminated with Liquinox soap, followed by a potable water rinse followed by a distilled water rinse. All wells were purged dry prior to sampling using a peristaltic pump and dedicated polyethylene tubing. The wells were allowed to recover then the groundwater samples were collected with a disposable polyethylene bailer.

The samples were immediately put on ice, chilled to 4° C and transported to Environmental Laboratories, Inc. for analysis for Benzene, Ethylbenzene, Toluene, and Xylene by EPA Method 602. Proper chain-of-custody documentation was filled out for the samples and is included, along with the test results, as Appendix B. The analytical results are tabulated in Table 3, below, and shown in Figure 4.

TABLE 3

ANALYTICAL RESULTS

Monitor Well	Benzene	Toluene	Ethyl Benzene	Xylene	Detection Limit	Total BTEX
MW-1	BDL*	BDL	BDL	BDL	1	BDL
MW-2	1580	100	95	1440	10	3215
MW-3	BDL	BDL	BDL	BDL	1	BDL
MW-4	8940	8950	597	9940	20	28,427
MW-5	2	2	BDL	3	1	7

BDL = Below Method Detection Method

Results given in parts per billion

7.0 CONCLUSIONS

- A total BTEX concentration of 83.1 ppm was detected in the soil sample collected from boring MW-4.
- Total BTEX concentrations were detected in monitor wells MW-2 (3215 ppb), MW-4 (28,427 ppb), and MW-5 (7 ppb).
- Ground water flow is radial with the steepest gradient approximated at 0.1 ft/ft toward the east.
- The BTEX plume has migrated off-site to the east.
- The plume has not migrated off-site to the northwest as determined from the soil and water samples collected from MW-5.

8.0 RECOMMENDATIONS

- EMI recommends the continued monitoring of the 5 existing monitor wells. Water levels will be measured to determine the groundwater flow direction. If the BTEX concentrations remain at their current levels or decrease in concentration in the groundwater, this should be considered the basis for application for closure after three quarters of monitoring.

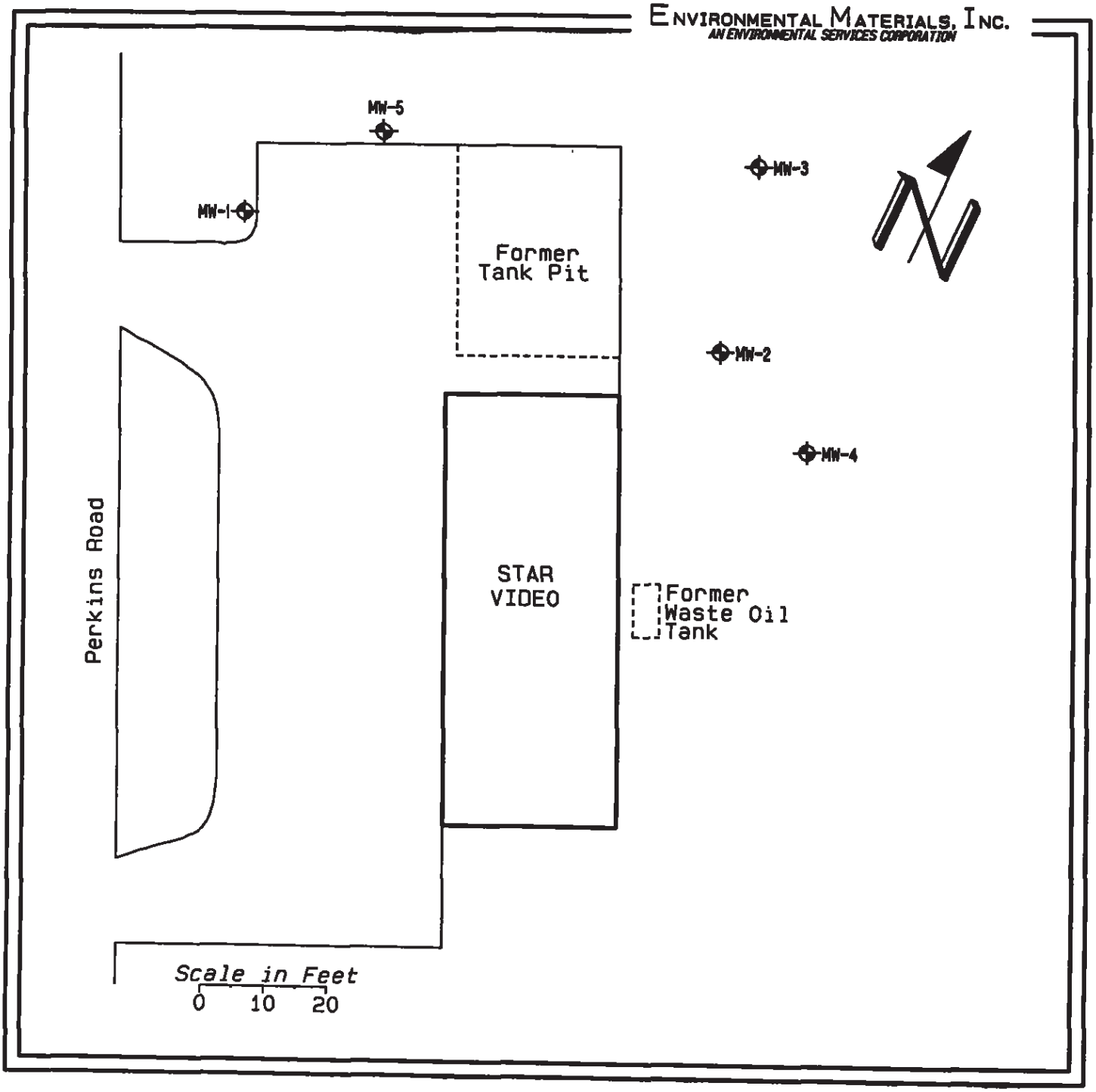
FIGURES

SITE MAP

Old Spur Station
Star Video

Scale 1:24,000 EMI Project #903018 Figure 1

ENVIRONMENTAL MATERIALS, INC.
AN ENVIRONMENTAL SERVICES CORPORATION



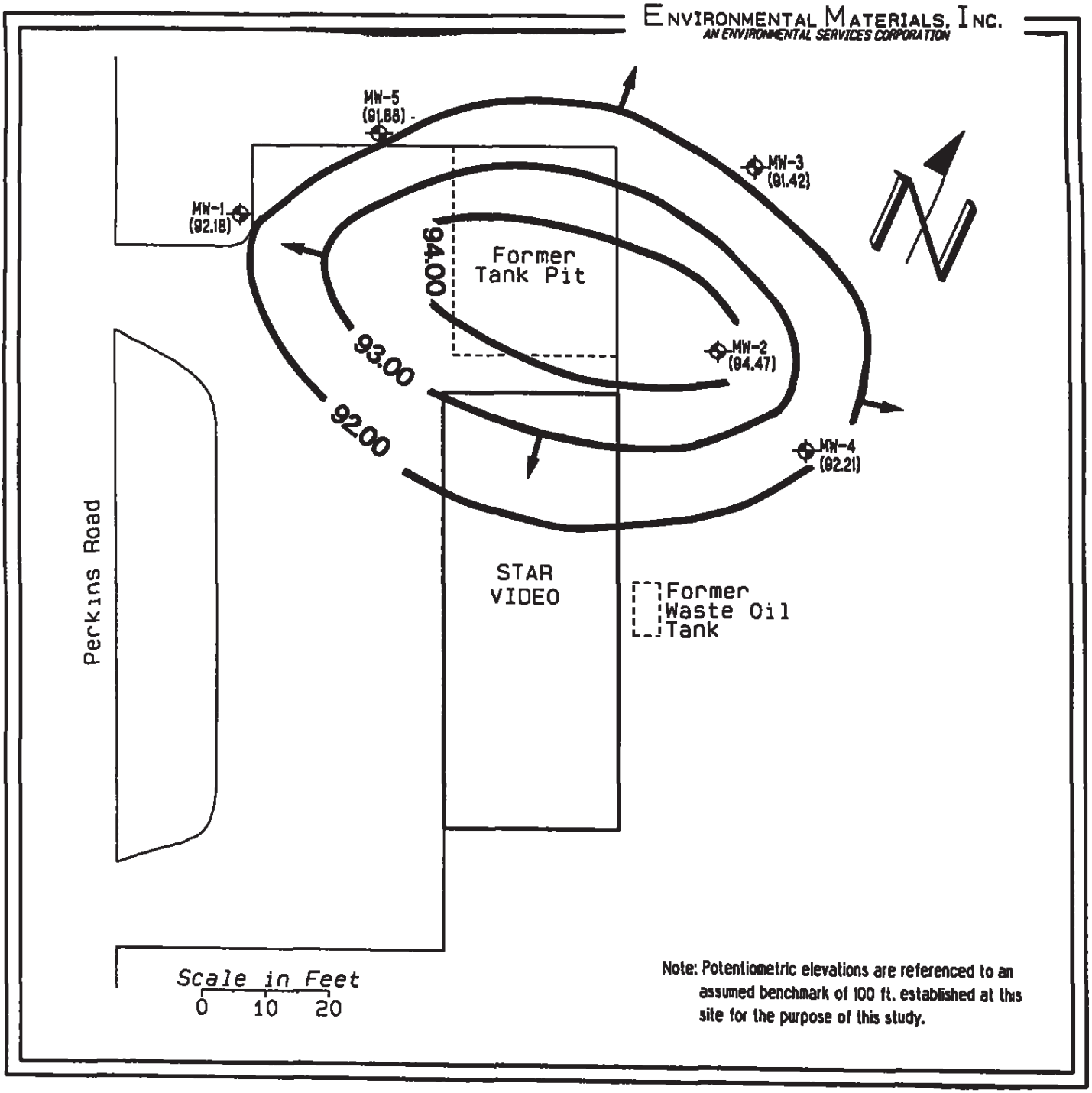
SITE DIAGRAM

Star Video
3236 Perkins Road
Baton Rouge, Louisiana
Project #903018

KEY:

Existing Monitor Well

Figure 2



POTENTIOMETRIC SURFACE MAP

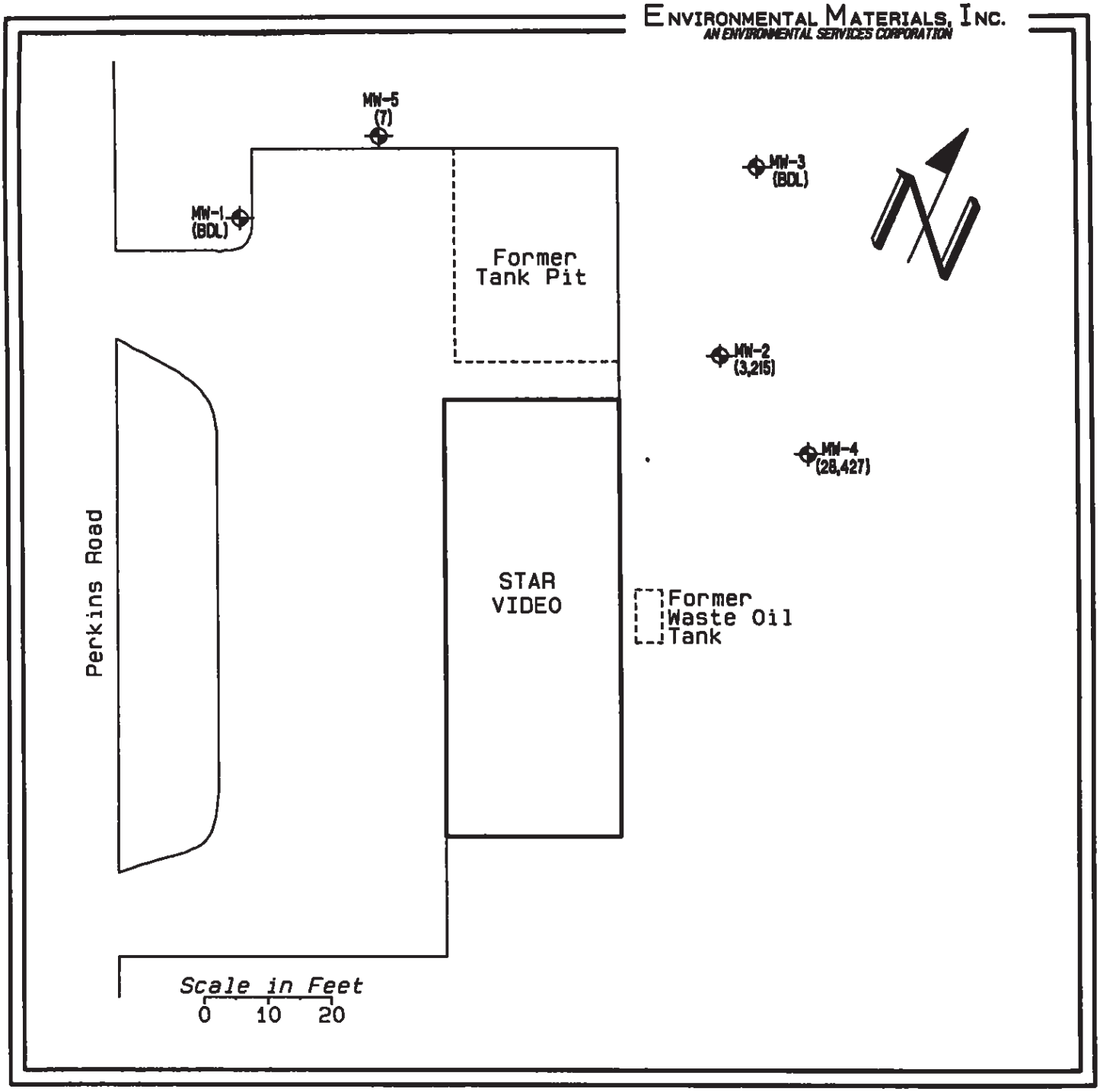
Star Video
3236 Perkins Road
Baton Rouge, Louisiana
Project #903018
07/31/91

KEY:

- Groundwater Flow
- Existing Monitor Well
- (98.41) Potentiometric Elevation

Figure 3

ENVIRONMENTAL MATERIALS, INC.
AN ENVIRONMENTAL SERVICES CORPORATION



TOTAL BTEX CONCENTRATION MAP

Star Video
3236 Perkins Road
Baton Rouge, Louisiana
Project #903018
07/31/91

KEY:

⊕	*Existing Monitor Well*
(PSH)	*Phase Separated Hydrocarbon*
(4530)	*Total BTEX in ppb*
(BDL)	*Below Detection Limits*

Figure 4

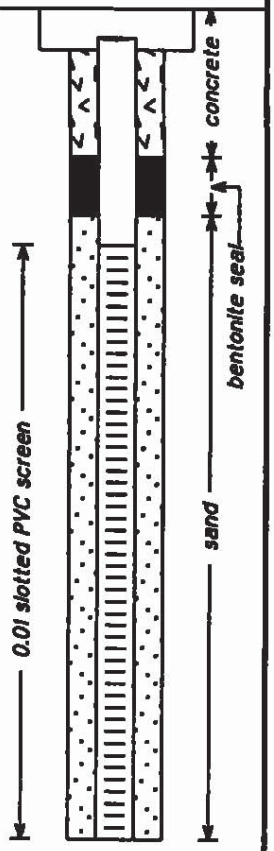
APPENDIX

ENVIRONMENTAL MATERIALS, INC. AN ENVIRONMENTAL SERVICES CORPORATION	LOG OF BORING MW-4	Page 1 of 1

PROJECT NAME: *Star Video*	PROJECT NUMBER: *903018*
DATE STARTED: *07-24-91*	LOCATION: *Baton Rouge, Louisiana*
DATE COMPLETED: *07-24-91*	RELATIVE ELEVATION: *97.28 Feet*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *16 Feet*
DRILLING COMPANY: *Custom Coring Inc.*	GEOLOGIST: *P. Templet*

DEPTH (feet)	SAMPLE NUMBER	CORE SAMPLE	PID (ppm) VALUES	PID (ppm) GRAPHIC PROFILE (Scale 0:1000)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION AND REMARKS
	A		3				FILL MATERIAL brown silty clay with brick fragments
	B		30			ML	CLAYEY SILT brown and gray with roots and iron staining
5	C		8			CL	SILTY CLAY brown ,tan, and gray with roots and iron staining
	D		8				
	E		90				slight HC odor
10	F		900				
	G*		1000			ML	CLAYEY SILT tan and gray with iron staining mild HC odor
						CL	CLAY medium stiff, trace silt tan and gray with iron nodules
15	H		200				
							Boring terminated in this strata. *All unified soil classifications based on visual field observations.*

WELL CONSTRUCTION



KEY: * - Sample Selected for Lab Analysis
▼ - Groundwater

CORE SAMPLES: Split Spoon | Shelby Tube | No Sample Recovered

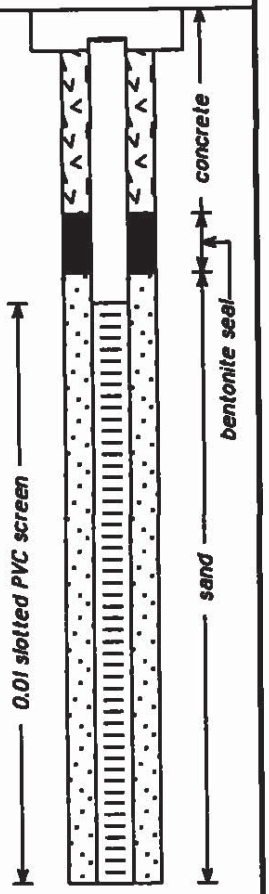
ENVIRONMENTAL MATERIALS, INC. AN ENVIRONMENTAL SERVICES CORPORATION	LOG OF BORING MW-5	Page 1 of 1

PROJECT NAME: *Star Video*	PROJECT NUMBER: *903018*
DATE STARTED: *07-24-91*	LOCATION: *Baton Rouge, Louisiana*
DATE COMPLETED: *07-24-91*	RELATIVE ELEVATION: *99.24 Feet*
DRILLING METHOD: *Hollow Stem Auger*	TOTAL DEPTH: *16 Feet*
DRILLING COMPANY: *EMI*	GEOLOGIST: *P. Templet*

DEPTH (feet)	SAMPLE NUMBER	CORE SAMPLE	PID (ppm) VALUES	PID (ppm) GRAPHIC PROFILE (Scale 0:200)	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION AND REMARKS
	A		2				FILL MATERIAL dark brown organic clayey silt
	B		12			SM	SILTY SAND brown
5	C		10			ML	SILT tan, fining downward
	D		22			CL	SILTY CLAY organic dark gray to black grading to medium gray
	E*		92				silt lenses
10	F		38				iron staining
	G		5			ML	SILT AND CLAYEY SILT tan and brown fining to gray with iron staining and wood fragments
15	H		2				SILT tan and brown fining downward
						CL	SILTY CLAY gray

Boring terminated in this strata.
All unified soil classifications based on visual field observations.

WELL CONSTRUCTION



KEY: * - Sample Selected for Lab Analysis
▼ - Groundwater

CORE SAMPLES: Split Spoon - Shelby Tube - No Sample Recovered

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1 USE OF WELL (Check Appropriate Box)
☐ DOMESTIC ☐ RIG SUPPLY ☒ MONITORING ☐ HEAT PUMP SUPPLY
☐ HEAT PUMP HOLE ☐ ABANDONED PILOT HOLE ☐ OTHER _____ (Please Specify)

2 WELL OWNER Roger Barielle PHONE (504) 337-3141

3 ADDRESS 3235 Perkins Rd, B.R. LA. 70808

4 OWNER'S WELL NUMBER OR NAME (if any) McW-5

5. DATE COMPLETED 7-24-91 DEPTH OF HOLE 16 FT DEPTH OF WELL 16 FT

6 STATIC WATER LEVEL 12.0 FT BELOW GROUND SURFACE MEASURED ON 7-24-91 (Date)

7 CASING 4 IN ☐ STEEL OR ☒ PVC SCH 40 LENGTH 6 FT

8 SCREEN 4 IN ☐ STEEL OR ☒ PVC SCH 40 SLOT SIZE .010 LENGTH 10 FT

9 CEMENTED FROM 2.5 FT TO GROUND SURFACE, USING ☐ PUMP DOWN METHOD OR ☒ GRAVITY METHOD

10 LOCATION OF WELL PARISH East Baton Rouge WELL IS NEAR Baton Rouge (Town or City)

APPROXIMATELY 0.5 MILES FROM Acadian Thruway & Perkins Rd. (Crossroads Railroad Any Landmark etc.)

(Please draw sketch on back of Original)

11 REMARKS Star Video Store, Address Above

12 DRILLER'S LOG (Description and color of cuttings such as shale sand, etc in feet)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	2	Fill material	15.5	16	Gray silty clay
2	4	Brown silty sand			
4	6	Tan silt			
6	12	Dark gry silty clay			
12	14	Tan silt & clayey silt			
14	15.5	Tan silt			

13 FOR HEAT PUMP HOLES ONLY AVG DEPTH _____ FT NUMBER OF HOLES _____

TUBING MATERIAL ☐ PVC. ☐ PE. ☐ PB. ☐ OTHER _____

14 ABANDONMENT INFORMATION DOES THE NEW WELL REPLACE AN EXISTING WELL? YES ☐ NO ☒

(REV 11/85) OWNER'S COPY

Custom Coring, Inc.
Name of Water Well Contractor

LICENSE NUMBER WWC-320

Robert F. Walker 8-12-91
Authorized Signature Date

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
ATTN CHIEF WATER RESOURCES SECTION
P O BOX 94245
BATON ROUGE, LA 70804-9245
(504) 379-1434

FOR OFFICE USE ONLY

STATE 22 PARISH LOCAL WELL NO –

IDENTIFICATION NUMBER 302522 0910350

OWNERS NAME

WELL DEPTH Ft Use of Well

Date Completed MO YR

OWNER'S NO Geologic Unit

CONTRACTOR'S NAME

SECTION 14 TOWNSHIP 7S RANGE 1E

HOLE DEPTH ELEV 35 QUAD NO 1634

Inspected By _____
Date _____
Remarks _____

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL REGISTRATION SHORT FORM (DOTD-GW-1S)

PLEASE PRINT IN INK OR TYPE WHEN COMPLETING THIS FORM

1 USE OF WELL (Check Appropriate Box)
☐ DOMESTIC ☐ RIG SUPPLY ☒ MONITORING ☐ HEAT PUMP SUPPLY
☐ HEAT PUMP HOLE ☐ ABANDONED PILOT HOLE ☐ OTHER _____ (Please Specify)

2 WELL OWNER Roger Bourgeois PHONE (504) 387-3141

3 ADDRESS 3235 Perkins Rd. B.R. LA. 70808

4 OWNER'S WELL NUMBER OR NAME (if any) M.W - 4

5 DATE COMPLETED 7-24-91 DEPTH OF HOLE 16 FT. DEPTH OF WELL 16 FT

6 STATIC WATER LEVEL 12.0 FT BELOW GROUND SURFACE MEASURED ON 7-24-91 (Date)

7 CASING 4 IN ☐ STEEL OR ☒ PVC SCH 40 LENGTH 6 FT

8 SCREEN 4 IN ☐ STEEL OR ☒ PVC SCH 40 SLOT SIZE .010 LENGTH 10 FT

9 CEMENTED FROM 2.5 FT TO GROUND SURFACE USING ☐ PUMP DOWN METHOD OR ☒ GRAVITY METHOD

10 LOCATION OF WELL PARISH East Baton Rouge WELL IS NEAR, Baton Rouge (Town or City)

APPROXIMATELY 0.5 MILES FROM Acadian Thruway & Perkins Rd (Crossroads Railroad/Any Landmark etc.)

(Please draw sketch on back of Original)

11 REMARKS STAR VIDEO STORE, Address Above

12 DRILLER S LOG (Description and color of cuttings such as shale sand etc in feet)

FROM	TO	DESCRIPTION	FROM	TO	DESCRIPTION
0	2	Fill material			
2	4	Brn clay & silt			
4	12	Brn-tan silty clay			
12	13	Tan & Gray clayey silt			
13	16	Tan & Gray clay			

13 FOR HEAT PUMP HOLES ONLY AVG DEPTH _____ FT. NUMBER OF HOLES _____
TUBING MATERIAL ☐ PVC. ☐ PE ☐ PB ☐ OTHER _____

14 ABANDONMENT INFORMATION DOES THE NEW WELL REPLACE AN EXISTING WELL? YES ☐ NO ☒

(REV 11/85) OWNER'S COPY

Custom Coring, Inc.
Name of Water Well Contractor

LICENSE NUMBER WWC - 320

Richard A. Walker 8-12-91
Authorized Signature Date

MAIL ORIGINAL TO:
LOUISIANA DEPARTMENT OF
TRANSPORTATION AND DEVELOPMENT
ATTN CHIEF WATER RESOURCES SECTION
PO BOX 94245
BATON ROUGE, LA 70804-9245
(504) 379-1434

FOR OFFICE USE ONLY
STATE 22 PARISH LOCAL WELL NO –
IDENTIFICATION NUMBER 302522091050
OWNERS NAME
WELL DEPTH Ft Use of Well
Date Completed MO YR
OWNER S NO Geologic Unit
CONTRACTOR S NAME
SECTION 14 TOWNSHIP 7S RANGE 1E
HOLE DEPTH ELEV 35 QUAD NO 163A

Inspected By _____
Date _____
Remarks _____

APPENDIX

B

environmental laboratories, incorporated
9425 Lindale Avenue, Suite A, Baton Rouge, LA, 70815 (504) 926-2288

07-31-91

E.L.I. Analysis No. P107542-1

Client: Environmental Materials, Inc.
7916 Wrenwood Drive, Suite F
Baton Rouge, LA 70809-1772

RECEIVED 08/01/91

Attn: Paul Templet

Project Name: Star Video
Job No.: 903018
Sample ID.: MW-4
Sample Matrix: Soil
Sampled By: P. Templet / Environmental Materials, Inc.
Date Collected: 07-25-91 @ 8:00AM

COMPOUND	CONCENTRATION (MG/KG)	DETECTION LIMIT (MG/KG)
Benzene	6.20	0.10
Toluene	15.3	0.10
Ethylbenzene	10.7	0.10
Xylene	50.9	0.10

*METHOD: EPA Test Method 5030/8020 (SW-846, 3rd. Edition)

Date/Time Analyzed: 07-30-91 @ 11:55AM

BDL = Below Detection Limits

John D. Trahan

Quality Assurance
Quality Control

environmental laboratories, incorporated
9425 Lindale Avenue, Suite A, Baton Rouge, LA, 70815 (504) 926-2288

07-31-91

E.L.I. Analysis No. P107542-2

Client: Environmental Materials, Inc.
7916 Wrenwood Drive, Suite F
Baton Rouge, LA 70809-1772

Attn: Paul Templet

Project Name: Star Video
Job No.: 903018
Sample ID.: MW-5
Sample Matrix: Soil
Sampled By: P. Templet / Environmental Materials, Inc.
Date Collected: 07-25-91 @ 10:00AM

COMPOUND	CONCENTRATION (MG/KG)	DETECTION LIMIT (MG/KG)
Benzene	BDL	0.01
Toluene	BDL	0.01
Ethylbenzene	BDL	0.01
Xylene	BDL	0.01

*METHOD: EPA Test Method 5030/8020 (SW-846, 3rd. Edition)

Date/Time Analyzed: 07-30-91 @ 12:29PM

BDL = Below Detection Limits

John D. Trahan

Quality Assurance
Quality Control

QA/QC DATA

SOIL MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

E.L.I. Sample No.: P107541-1

Analysis Date: 07-30-91

COMPOUND	BLANK CONC.	CONC. SPIKE ADDED (UG/KG)	SAMPLE RESULT	CONC. MS	% REC	CONC. MSD	% REC	RPD	QC LIMITS RPD	QC LIMITS RECOVERY
BENZENE	BDL	50	BDL	45	90	42	84	7	20	39-150
TOLUENE	BDL	50	BDL	47	94	43	86	9	20	46-148
ETHYLBENZENE	BDL	50	BDL	47	94	44	88	7	20	32-160
P&M XYLENE	BDL	100	BDL	100	100	92	92	8	20	32-160
O XYLENE	BDL	50	BDL	53	106	49	98	8	20	32-160

$$\text{Matrix Spike Percent Recovery (\%REC)} = \frac{\text{Spike Sample Result (Conc. MS)} - \text{Sample Result}}{\text{Concentration of Spike Added}}$$

$$\text{Relative Percent Difference (RPD)} = \frac{\text{Matrix Spike Conc.} - \text{Matrix Spike Duplicate Conc.}}{(\text{Matrix Spike Conc.} + \text{Matrix Spike Duplicate Conc.}) / 2} \times 100$$

*UNITS = UG/KG

environmental laboratories, incorporated
9425 Lindale Avenue, Suite A, Baton Rouge, LA, 70815 (504) 926-2288

* SUMMARY REPORT *

CLIENT: ENVIRONMENTAL MATERIALS, INC.
7916 WRENWOOD DRIVE, SUITE F
BATON ROUGE, LA 70809-1772

ATTN: PAUL TEMPLET

PROJECT: STAR VIDEO

PROJECT NO.: 903018

MATRIX: SOIL

E.L.I. NO.	SAMPLE ID	BENZENE	TOLUENE	ETHYLBENZENE	XYLENE
P107542-1	MW-4	6.20	15.3	10.7	50.9
P107542-2	MW-5	BDL	BDL	BDL	BDL

BDL = Below Detection Limits

* All values have units of MG/KG

Quality Assurance
Quality Control

ENVIRONMENTAL MATERIALS, INC.

Dallas, Texas Baton Rouge, Louisiana

CHAIN OF CUSTODY RECORD

PROJECT NO.	PROJECT NAME
903018	STAR VIDEO

SAMPLERS: (Signature) Paul D. Templeton

STATION NUMBER	DATE	TIME	STATION LOCATION	SAMPLE PARAMETER: BTEX (8020)	OTHER	NUMBER OF CONTAINERS	REMARKS
MW-4	7/25/91	8:00	Below Land (12-14)	-		1	
MW-5	7/25/91	10:00	Below Surface (8-10)	-		1	
			TOTAL NUMBER OF CONTAINERS			2	

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: Signature)	DATE	TIME	RECEIVED BY: (Signature)
Steven H. Hilliard	2-25-91	3:12					
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: Signature)	DATE	TIME	RECEIVED BY: (Signature)

METHOD OF SHIPMENT	SHIPPED BY: (Signature)	COURIER: (Signature)	RECEIVED FOR LAB BY: (Signature)	DATE/TIME

environmental laboratories, incorporated

9425 Lindale Avenue, Suite A, Baton Rouge, LA, 70815 (504) 926-2288

08-02-91

E.L.I. Analysis No. P107556-1

Client: Environmental Materials, Inc.
7916 Wrenwood Drive, Suite F
Baton Rouge, LA 70809-1772

RECEIVED 08/02/91

Attn: Paul Templet

Project Name: Star Video (Perkins Rd.)
Job No.: 903018
Sample ID.: MW-1
Sample Matrix: Water
Sampled By: S. Hilliard / Environmental Materials, Inc.
Date Collected: 07-31-91 @ 11:10AM

COMPOUND	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
Benzene	BDL	1
Toluene	BDL	1
Ethylbenzene	BDL	1
Xylene	BDL	1

*METHOD: EPA Test Method 602 (40 CFR Pt. 136, Appendix A)

Date/Time Analyzed: 08-01-91 @ 2:52PM

BDL = Below Detection Limits

John D. Trahan

Quality Assurance
Quality Control

environmental laboratories, incorporated

9425 Lindale Avenue, Suite A, Baton Rouge, LA, 70815 (504) 926-2288

08-02-91

E.L.I. Analysis No. P107556-2

Client: Environmental Materials, Inc.
7916 Wrenwood Drive, Suite F
Baton Rouge, LA 70809-1772

Attn: Paul Templet

Project Name: Star Video (Perkins Rd.)
Job No.: 903018
Sample ID.: MW-2
Sample Matrix: Water
Sampled By: S. Hilliard / Environmental Materials, Inc.
Date Collected: 07-31-91 @ 11:32AM

COMPOUND	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
Benzene	1580	10
Toluene	100	10
Ethylbenzene	95	10
Xylene	1440	10

*METHOD: EPA Test Method 602 (40 CFR Pt. 136, Appendix A)

Date/Time Analyzed: 08-01-91 @ 3:27PM

BDL = Below Detection Limits

John D. Trahan

Quality Assurance
Quality Control

environmental laboratories, incorporated

9425 Lindale Avenue, Suite A, Baton Rouge, LA. 70815 (504) 926-2288

08-02-91

E.L.I. Analysis No. P107556-3

Client: Environmental Materials, Inc.
7916 Wrenwood Drive, Suite F
Baton Rouge, LA 70809-1772

Attn: Paul Templet

Project Name: Star Video (Perkins Rd.)
Job No.: 903018
Sample ID.: MW-3
Sample Matrix: Water
Sampled By: S. Hilliard / Environmental Materials, Inc.
Date Collected: 07-31-91 @ 11:25AM

COMPOUND	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
Benzene	BDL	1
Toluene	BDL	1
Ethylbenzene	BDL	1
Xylene	BDL	1

*METHOD: EPA Test Method 602 (40 CFR Pt. 136, Appendix A)

Date/Time Analyzed: 08-01-91 @ 4:02PM

BDL = Below Detection Limits

John D. Trahan

Quality Assurance
Quality Control

environmental laboratories, incorporated

9425 Lindale Avenue, Suite A, Baton Rouge, LA, 70815 (504) 926-2288

08-02-91

E.L.I. Analysis No. P107556-4

Client: Environmental Materials, Inc.
7916 Wrenwood Drive, Suite F
Baton Rouge, LA 70809-1772

Attn: Paul Templet

Project Name: Star Video (Perkins Rd.)
Job No.: 903018
Sample ID.: MW-4
Sample Matrix: Water
Sampled By: S. Hilliard / Environmental Materials, Inc.
Date Collected: 07-31-91 @ 11:45AM

COMPOUND	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
Benzene	8940	20
Toluene	8950	20
Ethylbenzene	597	20
Xylene	9940	20

*METHOD: EPA Test Method 602 (40 CFR Pt. 136, Appendix A)

Date/Time Analyzed: 08-02-91 @ 8:19AM

BDL = Below Detection Limits

John D. Trahan

Quality Assurance
Quality Control

environmental laboratories, incorporated

9425 Lindale Avenue, Suite A, Baton Rouge, LA, 70815 (504) 926-2288

08-02-91

E.L.I. Analysis No. P107556-5

Client: Environmental Materials, Inc.
7916 Wrenwood Drive, Suite F
Baton Rouge, LA 70809-1772

Attn: Paul Templet

Project Name: Star Video (Perkins Rd.)
Job No.: 903018
Sample ID.: MW-5
Sample Matrix: Water
Sampled By: S. Hilliard / Environmental Materials, Inc.
Date Collected: 07-31-91 @ 11:15AM

COMPOUND	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
Benzene	2	1
Toluene	2	1
Ethylbenzene	BDL	1
Xylene	3	1

*METHOD: EPA Test Method 602 (40 CFR Pt. 136, Appendix A)

Date/Time Analyzed: 08-01-91 @ 5:12PM

BDL = Below Detection Limits

John D. Trahan

Quality Assurance
Quality Control

QA/QC DATA

WATER MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

E.L.I. Sample No.: P107556-1

Analysis Date: 08-01-91

COMPOUND	BLANK CONC.	CONC. SPIKE ADDED (UG/L)	SAMPLE RESULT	CONC. MS	% REC	CONC. MSD	% REC	RPD	QC LIMITS RPD	QC LIMITS RECOVERY
BENZENE	BDL	50	BDL	45	90	43	86	5	20	39-150
TOLUENE	BDL	50	BDL	46	92	43	86	7	20	46-148
ETHYLBENZENE	BDL	50	BDL	45	90	43	86	5	20	32-160
P&M XYLENE	BDL	100	BDL	92	92	88	88	4	20	32-160
O XYLENE	BDL	50	BDL	46	92	44	88	4	20	32-160

$$\text{Matrix Spike Percent Recovery (\%REC)} = \frac{\text{Spike Sample Result (Conc. MS)} - \text{Sample Result}}{\text{Concentration of Spike Added}}$$

$$\text{Relative Percent Difference (RPD)} = \frac{\text{Matrix Spike Conc.} - \text{Matrix Spike Duplicate Conc.}}{(\text{Matrix Spike Conc.} + \text{Matrix Spike Duplicate Conc.}) / 2} \times 100$$

* UNITS = UG/L

environmental laboratories, incorporated

9425 Lindale Avenue, Suite A, Baton Rouge, LA, 70815 (504) 926-2288

* SUMMARY REPORT *

CLIENT: ENVIRONMENTAL MATERIALS, INC.
7916 WRENWOOD DRIVE, SUITE F
BATON ROUGE, LA 70809-1772

ATTN: PAUL TEMPLET

PROJECT: STAR VIDEO (PERKINS RD.)

PROJECT NO.: 903018

MATRIX: WATER

E.L.I. NO.	SAMPLE ID	BENZENE	TOLUENE	ETHYLBENZENE	XYLENE
P107556-1	MW-1	BDL	BDL	BDL	BDL
P107556-2	MW-2	1580	100	95	1440
P107556-3	MW-3	BDL	BDL	BDL	BDL
P107556-4	MW-4	8940	8950	597	9940
P107556-5	MW-5	2	2	BDL	3

BDL = Below Detection Limits

* All values have units of UG/L

Quality Assurance
Quality Control

ENVIRONMENTAL MATERIALS, INC.

Dallas, Texas Baton Rouge, Louisiana

CHAIN OF CUSTODY RECORD

PROJECT NO.	PROJECT NAME
903018	Star Video (Perkins 2d)

SAMPLERS: (Signature) Steve Hilliard

STATION NUMBER	DATE	TIME	STATION LOCATION	SAMPLE PARAMETER: BETX 602	OTHER	NUMBER OF CONTAINERS	REMARKS
MW 1	7-31-91	11:10	Acc	2		2	Test Per LDEQ Regulations
MW 2	"	11:32	"	2		2	
MW 3	"	11:25	"	2		2	
MW 4	"	11:45	"	2		2	
MW 5	"	11:15	"	2		2	
			TOTAL NUMBER OF CONTAINERS			10	

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: Signature)	DATE	TIME	RECEIVED BY: (Signature)
Steve Hilliard	7-31-91						
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: Signature)	DATE	TIME	RECEIVED BY: (Signature)

METHOD OF SHIPMENT	SHIPPED BY: (Signature)	COURIER: (Signature)	RECEIVED FOR LAB BY: (Signature)	DATE/TIME
				7/31/91 1:30pm

ENVIRONMENTAL MATERIALS, INC.

RECEIVED
DEC 16 1992
UNDERGROUND STORAGE
TANK DIVISION

GROUNDWATER MONITORING REPORT
STAR VIDEO
BATON ROUGE, LOUISIANA

DECEMBER 11, 1992

Prepared For:

MR. ROGER BARIELLE
CORPORATE INVESTMENT
BATON ROUGE, LOUISIANA

Prepared By:

ENVIRONMENTAL MATERIALS, INC.
2237 S. ACADIAN THRUWAY, SUITE 604
BATON ROUGE, LOUISIANA 70808
(504) 927-4850

EMI PROJECT NO. 903018

Charles A. Hudson, Project Manager

12/14/92
Date

ENVIRONMENTAL MATERIALS, INC.

5930 LBJ FREEWAY, SUITE 300
DALLAS, TX 75240
(214) 458-8162
(214) 239-3649 FAX

2237 S. ACADIAN THRUWAY, SUITE 604
BATON ROUGE, LA 70808
(504) 927-4850
(504) 928-2660 FAX

11251 NORTHWEST FWY., SUITE 300
HOUSTON, TX 77092
(713) 688-9254
(713) 688-5638 FAX

December 14, 1992

Mr. Dennis Strickland
Enforcement Program Director
Underground Storage Tank Division
Louisiana Department of Environmental Quality
Post Office Box 82178
Baton Rouge, Louisiana 70884-2178

RECEIVED
DEC 16 1992
UNDERGROUND STORAGE
TANK DIVISION

Re: **Request for No Further Action**
Star Video
3235 Perkins Road
Baton Rouge, Louisiana

Dear Mr. Strickland:

Enclosed please find three (3) copies of the Groundwater Monitoring Report for the above referenced facility.

It is our recommendation that No Further Action towards site assessment or remediation should be granted for this facility, and that the existing monitor wells (MW-1 through MW-5) be removed by plugging and abandonment procedures as established by the Louisiana Department of Environmental Quality.

If you have any questions or if I may be of any further assistance to you, please let me know.

Sincerely,

Charles A. Hudson
Project Manager

CAH/rmm

Enclosures

cc: Mr. Roger Barielle
Corporate Investment

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

TABLE OF CONTENTS

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4.0	CONCLUSIONS	4
5.0	RECOMMENDATIONS	4

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2.	Historical Groundwater Analytical Results	3

FIGURES

1. Location Diagram
2. Potentiometric Map
3. Total BTEX Concentrations Graph

APPENDICES

A. Louisiana Department of Environmental Quality (LDEQ) Communications Record
B. Quality Assurance (QA) / Quality Control (QC) Plan
C. Laboratory Results and Chain-of-Custody Documentation

1.0 SUMMARY

Mr. Roger Barielle of Corporate Investments, Inc., contracted Environmental Materials, Inc. (EMI), in June 1990 to conduct an Initial Site Assessment (ISA) on the property known as Star Video (a former Spur retail gasoline distribution facility and service station) located at 3235 Perkins Road in Baton Rouge, Louisiana (**Figure 1**). The ISA was conducted in August 1990 after evidence of a hydrocarbon release was detected during removal of the underground storage tanks (UST's) in May 1990. The ISA consisted of the installation of three (3) soil borings/monitor wells MW-1 through MW-3, five (5) soil gas survey points, and associated soil and groundwater sampling.

A subsequent comprehensive site assessment (CSA) was conducted in July 1991, which consisted of the installation of two (2) additional soil borings/monitor wells, MW-4 and MW-5. The locations of all monitor wells are illustrated on the potentiometric map in **Figure 2.**

Based on the data collected during the ISA and CSA, a groundwater sampling program was instituted and approved by LDEQ as stipulated in the LDEQ communication record dated December 16, 1991 (**Appendix A**). As stated in the LDEQ Communication Record, if levels of Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) decrease significantly in the groundwater, site closure will be considered.

2.0 GROUNDWATER SAMPLES

On November 13, 1992, the groundwater samples were collected from monitor wells MW-1 through MW-5. An electronic interface probe (probe) was used to gauge water levels in all wells prior to sampling and to check for phase-separated hydrocarbons (PSH). There were no PSH detected during the sampling event, and PSH has not been detected in any of the wells since their installation. A Quality Assurance (QA) / Quality Control (QC) Plan is provided in **Appendix B** which describes the groundwater

sampling procedures and analytical methods used to ensure validity of the samples and analytical results.

Groundwater elevations measured on November 13, 1992, from monitor wells MW-1 through MW-5 were contoured to form a potentiometric surface map (**Figure 2**). Measurements were referenced to a benchmark with an assumed elevation of 100 feet for the purpose of this investigation. Predominant groundwater flow is toward the northwest with a gradient of approximately 1 foot per 100 feet.

3.0 GROUNDWATER ANALYTICAL RESULTS

The groundwater samples collected from the five (5) monitor wells were analyzed by West-Paine Laboratories for BTEX using Waste Water Method 602. The laboratory results and chain-of-custody documentation are included in **Appendix C**. A summary of the November 1992 analytical results is presented in **Table 1**. Historical analytical data is provided in **Table 2**.

TABLE 1
GROUNDWATER ANALYTICAL DATA (BTEX)
NOVEMBER 13, 1992

SAMPLE NO.	BENZENE	TOLUENE	ETHYL-BENZENE	XYLENES	TOTAL BTEX
MW-1	<1	<1	<1	<1	<4
MW-2	1,750	86.2	533.0	1,610.0	3,979.0
MW-3	<1	<1	<1	<1	<4
MW-4	3,110	1,250	964	4,410	9,734
MW-5	<1	<1	<1	<1	<4

Results are given in parts per billion.
Total BTEX is the sum of the concentrations of Benzene, Toluene, Ethylbenzene, and Xylenes.

Concentrations of dissolved BTEX were detected in MW-2 and MW-4 during the November 13, 1992, sampling event. There were no dissolved BTEX concentrations detected in MW-1, MW-3 or MW-5.

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL RESULTS

DATE	MW-1 BTEX	MW-2 BTEX	MW-3 BTEX	MW-4 BTEX	MW-5 BTEX
08/90	ND	23,795	BDL	*	*
07/91	BDL	3,215	BDL	28,427	7
02/92	BDL	2,780	BDL	22,080	BDL
05/92	BDL	1,845	BDL	11,860	BDL
11/92	BDL	3,979	BDL	9,734	BDL

NOTE: Concentrations are given in parts per billion (ppb).
BTEX concentrations equal sum of Benzene, Toluene, Ethylbenzene, and Xylenes.
ND = Below Detection Limit
BDL = Below Detection Limit
* Wells installed after 08/24/90.

4.0 CONCLUSIONS

- The facility is not an operating gasoline distribution facility.
- The UST's with associated ancillary equipment were removed in May 1990.
- BTEX concentrations in monitor wells MW-1, MW-3, and MW-5 have been BDL or less than three (3) times the detection limit for each of the five (5) sampling events.
- Historical analytical laboratory data indicate a decreasing trend of BTEX concentrations in MW-2 and MW-4.
- Groundwater flow is toward the north and west with a gradient of 1 foot per 100 feet.

5.0 RECOMMENDATIONS

Based on the information provided in this report, EMI recommends the following:

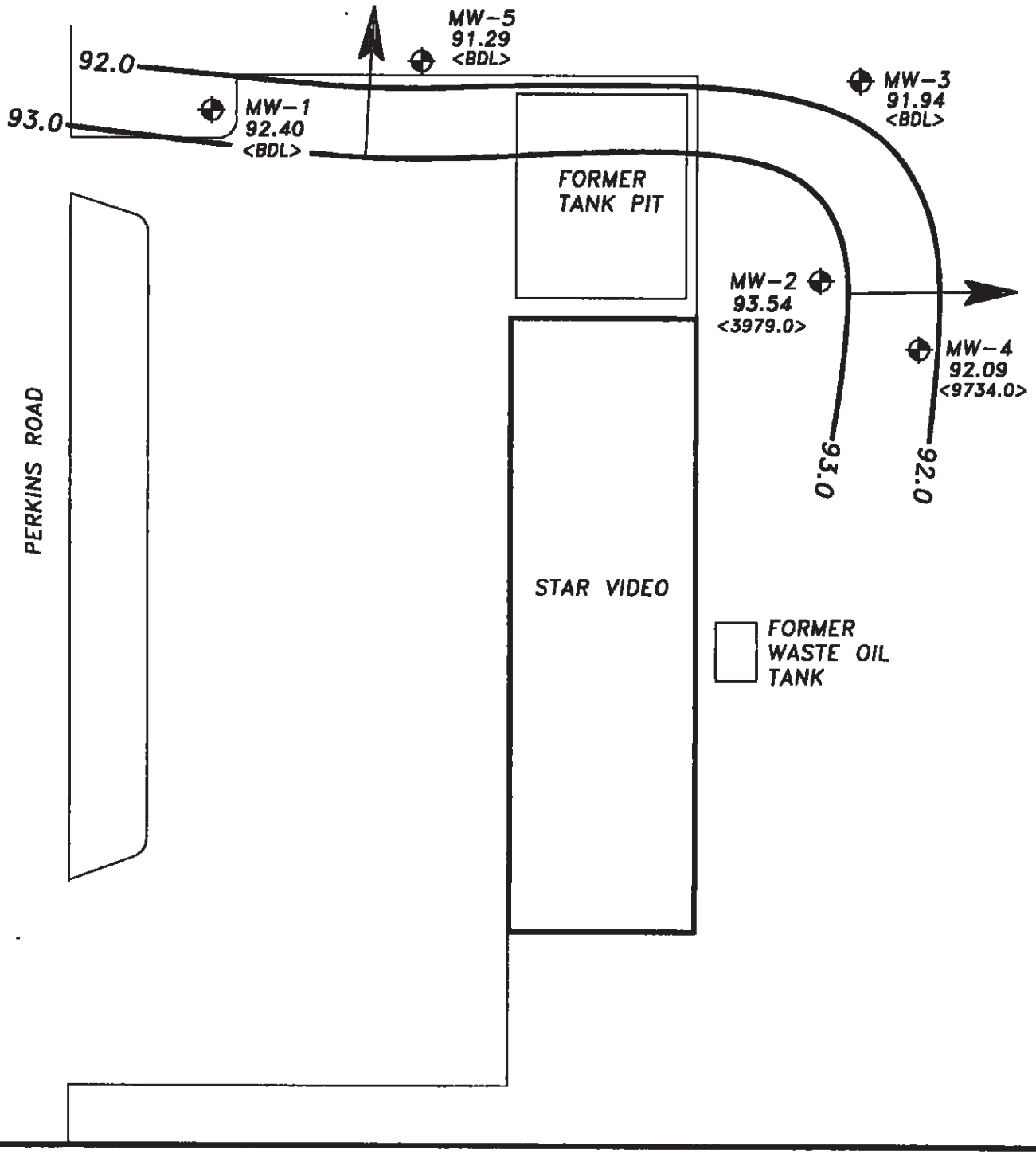
- LDEQ should grant No Further Action towards site assessment or remediation, and the monitor wells at the site should be properly plugged and abandoned.

FIGURES

Reference Sheet

REF+34350

09/30/99 9:30 AM



LEGEND

- EXISTING MONITOR WELL
- POTENTIOMETRIC CONTOUR
- DIRECTION OF GROUNDWATER FLOW
- 92.65 GROUNDWATER ELEVATIONS
- <2235> TOTAL BTEX (PPB)
- <BDL> BELOW DETECTION LIMITS

NOTES:
POTENTIOMETRIC ELEVATIONS ARE REFERENCED TO AN ASSUMED BENCHMARK OF 100.0'

NORTH

20' 0' 10' 20'

STAR VIDEO

8290 PERKINS ROAD
BATON ROUGE, LOUISIANA

Environmental Materials, Inc.
AN ENVIRONMENTAL SERVICES CORPORATION
2237 SOUTH ACADIAN THRUWAY • SUITE 804
BATON ROUGE, LOUISIANA • 70808 • (504) 927-4850

PROJECT MANAGER:	PROJECT NUMBER:
P. TEMPLET	EMI# 903018
DATE DRAWN:	DRAWN BY:
MAY 21, 1992	S. T. KOJIS
DATE REVISED:	DRAWING FILE:
DECEMBER 4, 1992	\18-SITE.DWG

POTENTIOMETRIC SURFACE DIAGRAM — FIGURE NO. **2**

Reference Sheet

REF+34351

09/30/99 9:30 AM

RECORD OF COMMUNICATION
UNDERGROUND STORAGE TANK DIVISION
LA. DEPT. OF ENVIRONMENTAL QUALITY

DATE: 12-16-91 | TIME:

☑ Phone Call ☐ Discussion ☐ Field Trip ☐ Conference

PHONE NO: 927-4850

☐ Other (Specify)

TO: Paul Templet
Environmental Materials Inc

FROM: Dennis Strickland

SUBJECT: old Spur Station
Star Vedor, Baton Rouge

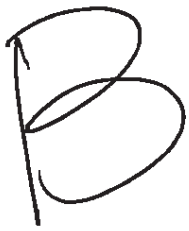
Summary of Communication

Based on 8-91 Site Assessment Report, I agreed to accept a proposal to do 2 more quarterly samples at the site and if levels of BTEX decrease significantly in the monitor wells, closure could be considered.

Conclusions, Action Taken or Required

Information Copies
TO:

APPENDIX



QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES

Included in this section are the groundwater sampling procedures and analytical methods used to ensure validity of the samples and laboratory results.

Prior to purging and sampling the monitoring wells, static water levels and the presence and thickness of phase-separated hydrocarbons were measured to provide data for determining the corrected depth to groundwater. The wells were then purged of three (3) well volumes of groundwater to ensure the collection of representative samples of the formation water.

Groundwater samples were collected, after a suitable period of time to allow recharge of the wells, with disposable polyethylene bailers (one per well). They were then immediately transferred to glass sample containers, processed, and chilled to 4°C until received by the laboratory. Each Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) sample was contained in two (2) 40 ml vials with teflon sealed caps.

Care was taken to ensure that each of the BTEX samples were put in vials with no visible air bubbles.

The groundwater samples were analyzed for BTEX by EPA Method 602.

All samples collected for laboratory analysis were documented on chain-of-custody forms that included:

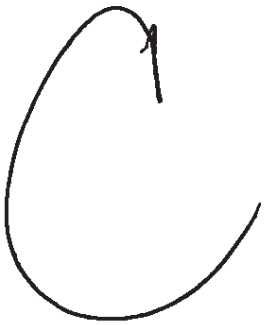
- The identification number of the sample, the date and time collected, and the signature of the sampler;

QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES (continued)

- The signature of the person receiving the sample, including the time of receipt;
- The shipping method;
- A description of the sample condition upon receipt, if the sample condition did not meet the strict protocol of the laboratory.
- The date of analysis;
- The report date; and
- The method detection limit*.

* To be submitted upon request.

APPENDIX



WEST-PAINE Laboratories INC
7979 GSRI AVE • BATON ROUGE, LA 70820

SAMPLE ANALYSES

for

ENVIRONMENTAL MATERIALS, Inc.
2237 S ACADIAN THRUWAY
SUITE 604
BATON ROUGE, LA 70808

ATTENTION: MR CHUCK HUDSON

November 17, 1992

hal

208673

WEST-PAINE Laboratories INC.
7979 GSRI AVE • BATON ROUGE, LA 70820

ENVIRONMENTAL MATERIALS, Inc.
BATON ROUGE, LA 70808
November 17, 1992

Sample receipt at WEST-PAINE LABORATORIES INC is documented for your designated sample(s). Chain-of-custody documentation, if provided, is included in this report. Sample analysis was in accordance with Environmental Protection Agency protocol.

A. Test Methods for Evaluating Solid Waste, SW-846, July 1982

Parameter	Method
Purgeable Aromatics	8020

Documented results are shown on the following page(s).

W. R. Palmer
Chief Operating Officer

hal

208673

WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

ENVIRONMENTAL MATERIALS, Inc.
BATON ROUGE, LA 70808
SAMPLE #: 9211130011

Method 8020
Purgeable Aromatics

All results in micrograms per liter

SAMPLE SOURCE: MW-1 PROJECT #903018
Sample Date: 92/11/13 Sample Time: 11:35

Parameter	Result	Detection Limit
Benzene	< 1.0	1.0
Toluene	< 1.0	1.0
Ethylbenzene	< 1.0	1.0
Xylene	< 1.0	1.0

Date of Analysis: 92/11/16 Analyst: JEA

hal

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WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

ENVIRONMENTAL MATERIALS, Inc.
BATON ROUGE, LA 70808
SAMPLE #: 9211130011

QUALITY ASSURANCE/QUALITY CONTROL
PERCENT RECOVERY

Purgeable Aromatics

Parameter	MW-1 PROJECT #903018
Bromofluorobenzene	98

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WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

ENVIRONMENTAL MATERIALS, Inc.
BATON ROUGE, LA 70808
SAMPLE #: 9211130012

Method 8020
Purgeable Aromatics

All results in micrograms per liter

SAMPLE SOURCE: MW-5 PROJECT #903018
Sample Date: 92/11/13 Sample Time: 11:50

Parameter	Result	Detection Limit
Benzene	< 1.0	1.0
Toluene	< 1.0	1.0
Ethylbenzene	< 1.0	1.0
Xylene	< 1.0	1.0

Date of Analysis: 92/11/16 Analyst: JEA

hal

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WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

ENVIRONMENTAL MATERIALS, Inc.
BATON ROUGE, LA 70808
SAMPLE #: 9211130012

QUALITY ASSURANCE/QUALITY CONTROL
PERCENT RECOVERY

Purgeable Aromatics

Parameter	MW-5 PROJECT #903018
Bromofluorobenzene	99

hal

208673

WEST-PAINE Laboratories INC.
7979 GSRI AVE • BATON ROUGE, LA 70820

ENVIRONMENTAL MATERIALS, Inc.
BATON ROUGE, LA 70808
SAMPLE #: 9211130013

Method 8020
Purgeable Aromatics

All results in micrograms per liter

SAMPLE SOURCE: MW-3 PROJECT #903018
Sample Date: 92/11/13 Sample Time: 12:08

Parameter	Result	Detection Limit
Benzene	< 1.0	1.0
Toluene	< 1.0	1.0
Ethylbenzene	< 1.0	1.0
Xylene	< 1.0	1.0

Date of Analysis: 92/11/16 Analyst: JEA

hal

208673

WEST-PAINE Laboratories INC.
7979 GSRI AVE • BATON ROUGE, LA 70820

ENVIRONMENTAL MATERIALS, Inc.
BATON ROUGE, LA 70808
SAMPLE #: 9211130013

QUALITY ASSURANCE/QUALITY CONTROL
PERCENT RECOVERY

Purgeable Aromatics

Parameter	MW-3 PROJECT #903018
Bromofluorobenzene	98

hal

208673

WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

ENVIRONMENTAL MATERIALS, Inc.
BATON ROUGE, LA 70808
SAMPLE #: 9211130014

Method 8020
Purgeable Aromatics

All results in micrograms per liter

SAMPLE SOURCE: MW-2 PROJECT #903018
Sample Date: 92/11/13 Sample Time: 12:30

Parameter	Result	Detection Limit
Benzene	1,750	50.0
Toluene	86.2	50.0
Ethylbenzene	533	50.0
Xylene	1,610	50.0

Date of Analysis: 92/11/16 Analyst: JEA

hal

208673

WEST-PAINE Laboratories INC.
7979 GSRI AVE • BATON ROUGE, LA 70820

ENVIRONMENTAL MATERIALS, Inc.
BATON ROUGE, LA 70808
SAMPLE #: 9211130014

QUALITY ASSURANCE/QUALITY CONTROL
PERCENT RECOVERY

Purgeable Aromatics

Parameter	MW-2 PROJECT #903018
Bromofluorobenzene	95

hal

208673

WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

ENVIRONMENTAL MATERIALS, Inc.
BATON ROUGE, LA 70808
SAMPLE #: 9211130015

Method 8020
Purgeable Aromatics

All results in micrograms per liter

SAMPLE SOURCE: MW-4 PROJECT #903018
Sample Date: 92/11/13 Sample Time: 12:30

Parameter	Result	Detection Limit
Benzene	3,110	50.0
Toluene	1,250	50.0
Ethylbenzene	964	50.0
Xylene	4,410	50.0

Date of Analysis: 92/11/16 Analyst: JEA

hal

208673

WEST-PAINE Laboratories INC.
7979 GSRI AVE. • BATON ROUGE, LA 70820

ENVIRONMENTAL MATERIALS, Inc.
BATON ROUGE, LA 70808
SAMPLE #: 9211130015

QUALITY ASSURANCE/QUALITY CONTROL
PERCENT RECOVERY

Purgeable Aromatics

Parameter	MW-4 PROJECT #903018
Bromofluorobenzene	95

hal

208673

WEST-PAINE Laboratories INC.
7979 GSRI AVE • BATON ROUGE, LA 70820

GAS CHROMOTOGRAPHY
WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Sample No: 9211090051 **Level:(low/med): Low**

COMPOUND	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC#	QC LIMITS REC.
Benzene	20.0	2.44	23.10	103.29	78-121
Toluene	20.0	<1.0	18.15	90.73	75-124
Ethylbenzene	20.0	<1.0	18.40	91.98	75-126
M,P-Xylene	40.0	<1.0	41.14	102.86	81-122
O-Xylene	40.0	<1.0	40.36	100.90	81-128

COMPOUND	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Benzene	20.0	23.08	103.20	0.08	0-14	78-121
Toluene	20.0	18.09	90.45	0.30	0-12	75-124
Ethylbenzene	20.0	18.25	91.23	0.82	0-15	75-126
M,P-Xylene	40.0	41.05	102.62	0.23	0-14	81-122
O-Xylene	40.0	40.26	100.65	0.25	0-11	81-128

\# Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: ABTEX-028
** QC Limits are currently being evaluated.

ENVIRONMENTAL MATERIALS, INC. #1204/926322/Due 11-13-92

CHAIN OF CUSTODY RECORD

Dallas, Texas Baton Rouge, Louisiana

ORIGINAL

PROJECT NO.	PROJECT NAME
903018	Star Video

SAMPLERS: (Signature) Steven Holland / Robert C. Schmidt

STATION NUMBER	DATE	TIME	STATION LOCATION	SAMPLE PARAMETER: BTEX 602	OTHER	NUMBER OF CONTAINERS	LABM REMARKS GC
11/13 -11 MW1	11/13/92	1135		2		2	All samples preserved with HCL
-12 MW5		1150		2		2	
-13 MW3		1208		2		2	
-14 MW2		1230		2		2	
-15 MW4		1230		2		2	
							Temp = 0°C water
							5 sets of vials
			TOTAL NUMBER OF CONTAINERS				

RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: Signature)	DATE	TIME	RECEIVED BY: (Signature)
Steven Holland	11/13/92	1255					
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	RELINQUISHED BY: Signature)	DATE	TIME	RECEIVED BY: (Signature)

METHOD OF SHIPMENT	SHIPPED BY: (Signature)	COURIER: (Signature)	RECEIVED FOR LAB BY: (Signature)	DATE/TIME
FED EX			Dana Hayden	11-13-92/1250

DH

State of Louisiana

Department of Environmental Quality

Edwin W. Edwards
Governor

Kai David Midboe
Secretary

May 18, 1993

Mr. Roger Barielle
3235 Perkins Road
Baton Rouge, La. 70808

Attention: Mr. Roger Barielle

RE: Termination of Remediation
Star Video (Old Spur Station)
3235 Perkins Road
Baton Rouge, Louisiana 70808
East Baton Rouge Parish
Facility ID# 17-013030
Incident #UE-90-2-0140

Dear Mr. Barielle:

We are in receipt of your March 19, 1993 correspondence regarding the above-referenced facility. Based upon the information submitted we concur with your decision that no further action is warranted at this time.

All existing wells are to be plugged and abandoned in accordance with all regulations administered by the Louisiana Department of Transportation and Development. Thank you for your cooperation in this matter. If you have any questions please contact Verretta Johnson at (504) 295-8583.

Sincerely,

Dennis D. Strickland

Dennis Strickland, Program Manager
Enforcement Section
Underground Storage Tank Division

DS\VJ\tb

ENVIRONMENTAL MATERIALS, INC.

5930 LBJ FREEWAY, SUITE 300
DALLAS, TX 75240
(214) 458-8162
(214) 239-3649 FAX

2237 S. ACADIAN THRUWAY, SUITE 604
BATON ROUGE, LA 70808
(504) 927-4850
(504) 928-2660 FAX

11251 NORTHWEST FWY., SUITE 300
HOUSTON, TX 77092
(713) 688-9254
(713) 688-5638 FAX

March 19, 1993

Ms. Verretta Johnson
Louisiana Department of Environmental Quality
Underground Storage Tanks Division
Post Office Box 82178
Baton Rouge, Louisiana 70884-2178

RE: Star Video (Old Spur Station)
3235 Perkins Road
Baton Rouge, Louisiana
Incident #90-02-140

Dear Ms. Johnson:

Pursuant to the letter of March 11, 1993, from your office regarding the above referenced site, Environmental Materials, Inc. (EMI), proposes to conduct a hand auger boring east of Monitor Well 4 to determine if natural degradation is occurring. The site diagram enclosed with this letter illustrates the proposed location of the hand auger boring.

EMI proposes to install a hand auger boring of approximately 12 feet, or until groundwater is encountered. A groundwater sample will be collected from the boring for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) and Total Petroleum Hydrocarbons - Gasoline (TPH-G) analysis. A letter report will be sent to your office describing the boring activities to include the analytical results.

Provided the groundwater sample is below the action levels established by Louisiana Department of Environmental Quality (LDEQ), EMI will again petition for termination of remediation.

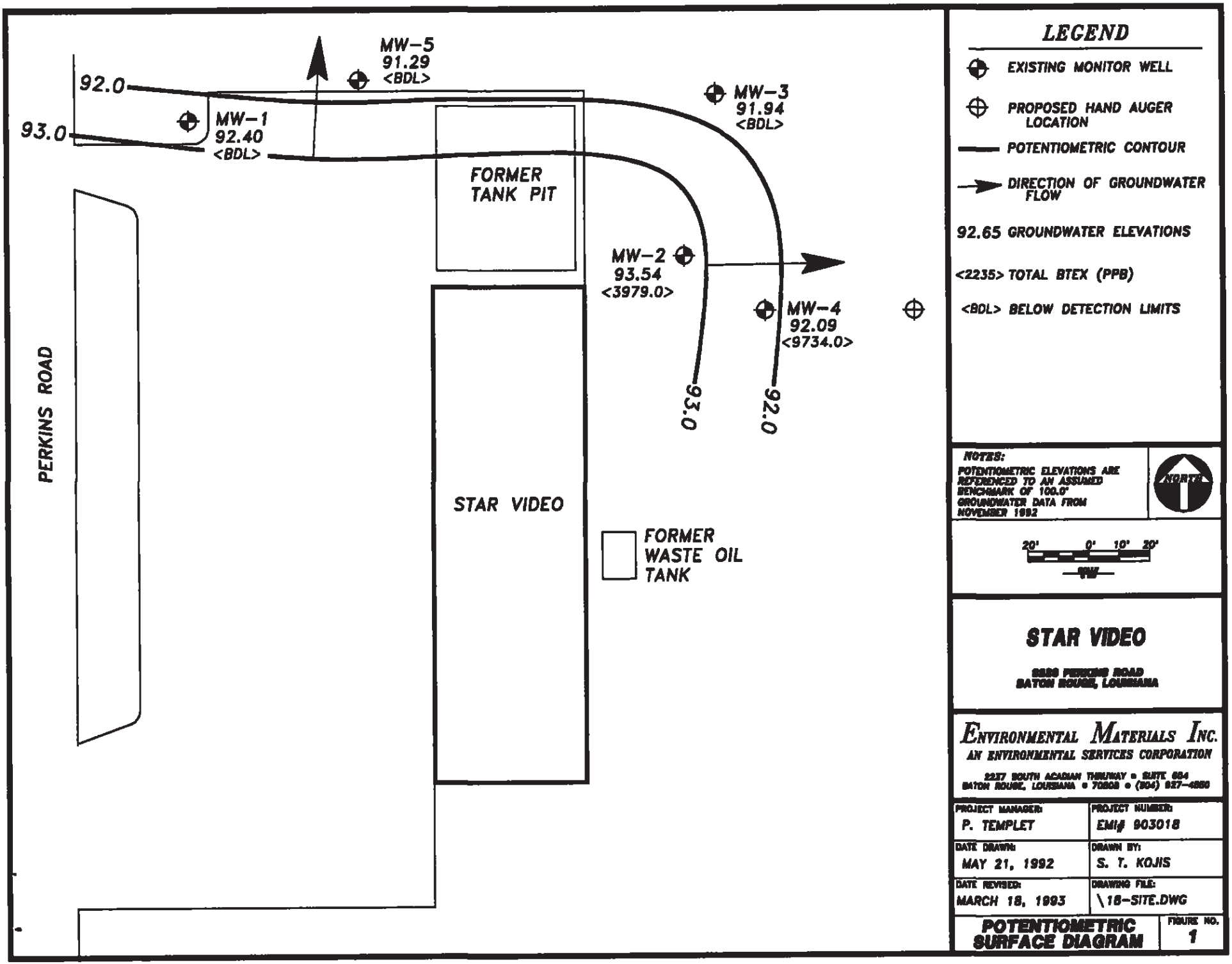
Please contact this office to discuss this project and to comment on this proposal. I look forward to hearing from your soon.

Sincerely,

Charles A. Hudson
Project Manager

CAH/rmm
Attachment
cc: Mr. Roger Barielle

903018\VJOHNSON.LTR



LEGEND

- EXISTING MONITOR WELL
- PROPOSED HAND AUGER LOCATION
- POTENTIOMETRIC CONTOUR
- DIRECTION OF GROUNDWATER FLOW
- 92.65 GROUNDWATER ELEVATIONS
- <2235> TOTAL BTEX (PPB)
- <BDL> BELOW DETECTION LIMITS

NOTES:
POTENTIOMETRIC ELEVATIONS ARE REFERENCED TO AN ASSUMED BENCHMARK OF 100.0'
GROUNDWATER DATA FROM NOVEMBER 1992

NORTH

20' 0' 10' 20'

STAR VIDEO

9888 PERKINS ROAD
BATON ROUGE, LOUISIANA

ENVIRONMENTAL MATERIALS INC.
AN ENVIRONMENTAL SERVICES CORPORATION
2237 SOUTH ACADIAN THRUWAY • SUITE 654
BATON ROUGE, LOUISIANA • 70808 • (504) 927-4660

PROJECT MANAGER:	PROJECT NUMBER:
P. TEMPLET	EMI# 903018
DATE DRAWN:	DRAWN BY:
MAY 21, 1992	S. T. KOJIS
DATE REVISED:	DRAWING FILE:
MARCH 18, 1993	\18-SITE.DWG

POTENTIOMETRIC SURFACE DIAGRAM

FIGURE NO. 1

State of Louisiana

Department of Environmental Quality

Edwin W. Edwards
Governor

Kai David Midboe
Secretary

March 11, 1993

Mr. Roger Barielle
3235 Perkins Road
Baton Rouge, Louisiana 70808

ATTENTION: Roger Barielle

RE: Request for Termination of Remediation
Star Video (Old Spur Station)
3235 Perkins Road
Baton Rouge, Louisiana
East Baton Rouge Parish
Unregistered
Incident #90-02-140

EBR Parish

Dear Mr. Barielle:

This is to acknowledge receipt of your December 16, 1992, correspondence requesting termination of remediation for the above-referenced facility. Due to the variable direction of Groundwater Flow a new boring/well need to be added east of Monitor Well 4 to determine if natural degradation is occurring.

Thank you for your cooperation in this matter, if you have any question please contact Ms. Verretta Johnson at (504) 295-8583.

Sincerely,

Dennis D Strickland

Dennis Strickland, Program Manager
Enforcement Section
Underground Storage Tank Division

DDS\VAJ\tb

REGISTRATION FOR UNDERGROUND STORAGE TANKS

RECEIVED BY

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF SOLID AND HAZARDOUS WASTE
UNDERGROUND STORAGE TANK PROGRAM
P.O. BOX 44274 BATON ROUGE, LA 70804-4274

MAY 02 1986
GROUND WATER PROTECTION DIVISION

STATE USE ONLY	
I.D. NUMBER	17-604226
DATE RECEIVED	
DATE CHECKED	11/7/86
CHECKED BY	DW

GENERAL INFORMATION

Registration is required by State and Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by the Louisiana Environmental Quality Act, L.R.S. 30:1051 et seq, as amended.

The primary purpose of this registration program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Register? The Louisiana Environmental Quality Act, L.R.S. 30:1051 et seq, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify the Louisiana Department of Environmental Quality of the existence of their tanks. Owner means—

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

AMENDED Removal

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

NOTE: Underground storage tanks of less than 500 gallon capacity, which are required to be registered by the Environmental Protection Agency, shall likewise register with the state; however, these tanks are exempt from Louisiana fees and regulations.

What Tanks Are Excluded? Tanks excluded from Louisiana registration are

1. farm or residential tanks with a capacity of less than 500 gallons used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored.
3. septic tanks.
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws.
5. surface impoundments, pits, ponds or lagoons;
6. storm water or waste water collection systems.
7. flow-through process tanks.
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations.
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor

What Substances Are Covered? The registration requirements apply to underground storage tanks that contain regulated substances. This includes 1.) any substance defined in section 101(14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (but not including any substance regulated as a hazardous waste under Subtitle C of the Solid Waste Disposal Act as amended by RCRA), and 2.) petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute.)

Where to Register? Completed registration forms should be sent to the address given at the top of this page.

When to Register? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must register by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must register within 30 days of bringing the tanks into use.

Registration Fee: The owners of operational or non-operational underground storage tanks containing regulated substances must submit with the registration form the payment of the registration fee for each underground storage tank according to the following schedule:

1. For any substance defined in the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (but not including any substance regulated as a hazardous waste under Subtitle C of the Solid Waste Disposal Act as amended by RCRA)—$25.00 per tank.
2. For petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute) —$15.00 per tank.

In no case shall one owner be required to pay an aggregate registration fee in excess of one thousand dollars ($1,000.00). In addition to the registration fee, an annual monitoring and maintenance fee is required commencing May 8, 1987 in accordance with the regulations.

Penalties: Any owner who knowingly fails to register or submits false information shall be subject to a civil penalty not to exceed $25,000 per day for each tank for which registration is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. **This form must be completed for each location containing underground storage tanks.** If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form. Make checks payable to the Louisiana Department of Environmental Quality.

Indicate number of continuation sheets attached: ☐

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity): Exxon Company, U.S.A.

Street Address: P.O. Box 380,

Parish: Shelby County

City: Memphis | State: Tn. | Zip Code: 38101

Area Code: 901 | Phone Number: 947-2684

Type of Owner (*Mark all that apply* ☒)

☒ Current ☐ State or Local Gov't. ☒ Private or Corporate

☐ Former ☐ Federal Gov't. (GSA facility I.D. no. _____) ☐ Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section I, mark box here ☒)

Facility Name or Company Site Identifier, as applicable: 1052

Street Address or State Road, as applicable: 3191 S. Acadian Thrwy./Perkins

Parish: E. Baton Rouge

City (nearest): Baton Rouge | State: LA | Zip Code: 70808

Latitude: 30 °(deg.) 25 '(min.) 14 "(sec.)

Longitude: 91 °(deg.) 01 '(min.) 09 "(sec.)

Indicate number of tanks at this location: 4

Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands ☐

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here ☐): Elizabeth Shavers

Job Title: Mgr

Area Code / Phone Number: 504-344-8658

IV. TYPE OF REGISTRATION

☐ Mark Box here only if this is an amended or subsequent registration for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative	Signature	Date Signed
J. C. BUGGEL J C BUGGEL MAINTENANCE REP	J C Buggel	4/12/86

CONTINUE ON REVERSE SIDE

105'

Owner Name (from Section I) Exxon Company, U.S.A. Location (from Section II) _____ Page No. 2 of 2 Pages

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3 . . .)	Tank No. 1	Tank No. 2	Tank No. 3	Tank No. 4	Tank No.
1. Status of Tank (Mark all that apply ☒)	12007	12008	12009	12010	
Currently in Use	☒	☒	☒	☒	☐
Temporarily Out of Use	☐	☐	☐	☐	☐
Permanently Out of Use	☐	☐	☐	☐	☐
Brought into Use after 5/8/86	☐	☐	☐	☐	☐
2. Age (Years)	16	16	16	16	
3. Total Capacity (Gallons)	8000	8000	6000	1000	
4. Is Tank and/or Piping Leaking? (YES or NO)	NO	NO	NO	NO	
5. Material of Construction (Mark one ☒)					
Steel	☒	☒	☒	☒	☐
Concrete	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
6. Internal Protection (Mark all that apply ☒)					
Cathodic Protection	☐	☐	☐	☐	☐
Interior Lining (e g., epoxy resins)	☐	☐	☐	☐	☐
None	☒	☒	☒	☒	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
7. External Protection (Mark all that apply ☒)					
Cathodic Protection	☒	☒	☒	☒	☐
Painted (e g., asphaltic)	☐	☐	☐	☐	☐
Fiberglass Reinforced Plastic Coated	☐	☐	☐	☐	☐
None	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
8. Piping (Mark all that apply ☒)					
Bare Steel	☐	☐	☐	☐	☐
Galvanized Steel	☒	☒	☒	☒	☐
Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
Cathodically Protected	☐	☐	☐	☐	☐
Unknown	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
9. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply ☒)					
a. Empty	☐	☐	☐	☐	☐
b. Petroleum	☒	☒	☒	☐	☐
Diesel	☐	☐	☐	☐	☐
Kerosene	☐	☐	☐	☐	☐
Gasoline (including alcohol blends)	☒	☒	☒	☐	☐
Used Oil	☐	☐	☐	☐	☐
Other, Please Specify	_____	_____	_____	_____	_____
c. Hazardous Substance	☐	☐	☐	☐	☐
Please Indicate Name of Principal CERCLA Substance	_____	_____	_____	_____	_____
OR					
Chemical Abstract Service (CAS) No.	_____	_____	_____	_____	_____
Mark box ☒ if tank stores a mixture of substances	☐	☐	☐	☐	☐
d. Unknown	☐	☐	☐	☐	☐
10. Additional Information (for tanks permanently taken out of service)					
a. Estimated date last used (mo./yr.)	NONE T	/	/	/	/
b. Estimated quantity of substance remaining (gal.)	_____	_____	_____	_____	_____
c. Mark box ☒ if tank was filled with inert material (e.g , sand, concrete)	☐	☐	☐	☐	☐
11. Additional Information (for replacement tanks installed after January 1, 1974)					
a. Is the tank currently in use a replacement tank for one previously in use at the same site? (YES or NO)	NO	NO	NO	NO	
b. When was the previous tank removed? (mo /yr.)	/	/	/	/	/
c. What was the age of the previous tank at time of removal? (years)	/	/	/	/	/
d. Was the tank and/or piping previously removed found to be leaking? (YES or NO)					
e. If so, was contamination of the regulated substance removed from the soil and/or ground water? (YES or NO)					

DATA BASE TRACKING CHART

Inspector's Initials DSS Standard Exxon 5-102

LEAK # 91-2-0181	DATE FOUND 12/24/90
DATE RPT 12/24/90	DATE CONF 12/24/90
ASSESS RQD. (equest'd) 6/25/91 DK	ASSESS. RCD. 8/20/91
ASSESS. APD.	ADD'L INFO
Assessment not conducted - Ltr received stating they will remove tanks and over-excavate.	
C.A. RQD.	C.A. RCD. 8/20/91
ADD. INFO	C.A. APPD. 10/28/91
REMED. METHOD Over-excavate	TERM. REMED.

12/4/90

File/Dennis
1/3/91

RECEIVED
JAN 0 3 1991
UNDERGROUND STORAGE
TANK DIVISION

INCIDENT # _____

LOUISIANA NOTIFICATION REQUIREMENTS

This form should be completed and submitted to the Underground Storage Tank Division within seven (7) calendar days after verbal notification.

If mailed, submittal date will be the postmark date of the written notification. Forward to:

ADMINISTRATOR
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
Underground Storage Tank Division
P. O. Box 44274
Baton Rouge, Louisiana 70804

- -

1. **Name of person, company or other party who is filing the written report.**
   Donald W. Simpson, Exxon Co. U.S.A.
   Construction & Maintenance Engineer

2. **Time and date of verbal notification, name of person making the notification and identification of the site or facility. (Name and address).**
   Donald W. Simpson, Exxon Co, U.S.A
   Stanford Exxon, Store No. S-1052
   9191 S. Acadian Thruway
   Baton Rouge, La. 70808

3. **Release date and time.**
   Dec. 24, 1990, 7:00 pm.

4. **Incident details and/or emergency condition.**
   During routine store operations, a small leak was discovered on the impact valve under the #1/2 Plus Unlead dispenser.

5. Product released and estimated quantity released in gallons.
Plus Unlead gasoline was released. The amount is undetermined but believed to be very small. No inventory losses have been found.

6. Surface or groundwater impact.
No surface impacts were caused by this incident. Further assessment will be done to determine if incident caused any subsurface impacts.

7. Action taken to stop release.
Impact valve was replaced.

8. Measures taken to prevent recurrence of the incident.

9. Is the U.S.T. System registered?

YES ✔ U.S.T. ID# _____
NO _____

ANSWER THE FOLLOWING ONLY IF GROUNDWATER CONTAMINATION IS CONFIRMED

1. Reporting party status (owner, operator, consultant, etc.)

2. Attach groundwater contamination data and/or analytical results.

3. Possible routes of migration.

4. List all abandoned or active water wells within the immediate area.

5. Names of all other responsible parties.

File Dennis

EXXON COMPANY, U.S.A.

P.O. BOX 4415-HOUSTON, TEXAS 77210-4415
MARKETING DEPARTMENT
REAL ESTATE & ENGINEERING
ENVIRONMENTAL ENGINEERING

G. T. EWING
SR. ENVIRONMENTAL ENGINEER

RECEIVED
APR 8 1991
UNDERGROUND STORAGE
TANK DIVISION

April 12, 1991

RE: Exxon RAS #5-1052
3191 S. Acadian Thruway
Baton Rouge, Louisiana

LADEQ - UST Division
P. O. Box 82178
Baton Rouge, Louisiana 70884-2178
Attn: Mr. Frank L. Dautriel

Dear Mr. Dautriel:

Enclosed are three (3) copies of the initial soil boring report for the above-referenced location. The investigation was conducted in response to our report to your office on December 24, 1990 of a small piping leak discovered and repaired in one of the product lines. Four hand-augured soil borings were installed and a composite sample taken which 714 ppm Total BTEX. As a result of these findings, we plan to conduct further investigative work in the form of an initial subsurface investigation. I. T. Corporation will be our approved trust fund consultant for site management in this matter. They are presently preparing a workplan for submittal to your office and approval prior to work commencement.

Should any questions arise, please contact me at (713)-656-7698. Exxon appreciates the opportunity to work together with the LADEQ to ensure a safe and quality future for our environment.

Sincerely,

GTE;7420D

c - w/o attachment:

Mr. P. J. Brininstool
Mr. P. G. Liebman
Mr. John Rachel - I. T. Corporation, Baton Rouge, Louisiana

RECYCLED

C-K ASSOCIATES • INC
ENVIRONMENTAL & ENGINEERING CONSULTANTS

BATON ROUGE
17170 PERKINS ROAD
BATON ROUGE, LA 70810
PH (504) 755-1000
FAX (504) 751-2010

LAKE CHARLES
600 BAYOU PINES EAST, SUITE E
LAKE CHARLES, LA 70601
PH (318) 494 0303
FAX (318) 439-1145

SHREVEPORT
2001 EAST 70TH STREET, SUITE 503
SHREVEPORT, LA 71105
PH (318) 797 8636
FAX (318) 798-0478

February 28, 1991

Exxon Company, U.S.A.
P. O. Box 52919, Istrouma Station
Baton Rouge, Louisiana 70805
Attn: Mr. Don Simpson

Ref: Soil Boring Investigation
Exxon Station No. 5-1052
3191 S. Acadian Thruway
East Baton Rouge Parish, Baton Rouge, Louisiana 70808
C-K Associates' Project No. 34-668-2

Dear Mr. Simpson:

Exxon Company, U.S.A. (Exxon) of Baton Rouge, Louisiana requested C-K Associates, Inc. to complete four hand augered soil borings, collect soil samples, submit samples to a laboratory for analysis, and document in a report, findings at Exxon Station No. 5-1052 (Stanford Exxon). The station is located on the corner of South Acadian Thruway and Perkins Road at 3191 South Acadian Thruway in Baton Rouge, Louisiana (Figure 1.) A small leak was discovered at a product dispenser island at the station and was subsequently repaired. The purpose of this investigation is to determine if the leak caused an environmental impact on the soil surrounding the dispenser island.

During a routine operations inspection of the product dispensers on December 24, 1990 at Station No. 5-1052, a leak was discovered under unleaded plus dispenser Nos. 1 and 2. The leak was located at the impact valve which connects the fuel supply lines with the dispenser. The leak was repaired by replacing the impact valve and the dispenser was returned to service.

The leak did not cause a great enough pressure loss in the product supply system to trip the leak detector. An unknown amount of product was lost due to the leak, but is estimated to be a very small quantity because the leak detectors did not trip and no loss of inventory has been discovered. The Underground Storage Tank Division of the Louisiana Department of Environmental Quality (DEQ) was given the required notification after the discovery of the leak.

On January 8, 1991, personnel from C-K Associates, Inc. arrived on site to begin investigating the area where the leak had occurred. To complete this task, C-K Associates, Inc. contracted the services of A & B Concrete Coring Company of Zachary, Louisiana to core four holes in the concrete surrounding the dispenser island. After completion of the concrete coring, it was possible to hand auger soil borings into the soil beneath the concrete slab. While completing the concrete coring for B-2, a 3/4- inch copper pipe was cut; however, no repairs were made to the line since it was an abandoned air or water supply line which at one time served the island but has since been removed. Soil borings were completed on four sides of the repaired dispenser and were located as close as possible to the area of the leak to prevent damaging the fuel supply lines with coring equipment or the hand auger. The location of the dispenser island and the four soil borings are illustrated in Figure 2.

The four soil borings were completed to a depth of eight feet. The soil removed from the borings were sampled at two foot intervals and screened with an Organic Vapor Analyzer (OVA) to determine if there were any organic vapors in the soil. The samples were placed in plastic Ziplock[R] bags to prevent any volatiles from escaping the soil sample without detection and to ensure that gasoline vapors in the ambient air surrounding the dispensers would not affect the OVA readings.

Each two foot sample interval was screened with a portable OVA to determine which interval had the highest reading. A composite sample was made up of soil from the interval with the highest readings from the deepest depth of each boring. This procedure produced a composite sample (Comp E) which was composed of soil collected from each of the four borings. The sample was transported to Dynatech Environmental Laboratories in Baton Rouge, Louisiana and analyzed for benzene, toluene, ethylbenzene and xylene (BTEX) and total petroleum hydrocarbons (TPH). A summary of the analytical results is presented in Table 1 and the complete laboratory reports are included as Attachment 1.

After the borings were completed, the four borings were grouted with a mixture of bentonite and cement. Although not required for shallow geotechnical borings, bentonite was utilized to grout the borings since the borings are located in an area where future product spills are possible due to motorists overfilling their automobile fuel tanks. The bentonite will help prevent the migration of any future surface contamination into the borings. All soil removed from the borings has been stored until it can be determined if it is contaminated. If laboratory results indicate the soil is contaminated, the soil will be disposed of at an approved industrial landfill. If the soil is not contaminated, the soil will be reused at the station as fill.

This report serves to document the activities performed by C-K Associates, Inc. personnel at Station No. 5-1052 in response to the gasoline leak which was discovered on December 24, 1990. If you have any questions or comments regarding this project please feel free to call me or the Project Geologist, Mike Kyle, at (504) 755-1000.

Very truly yours,
C-K Associates, Inc.

Brad Morris
Project Manager

BM/fhb

cc: Glen Ewing
Exxon Company, U.S.A.
Houston, Texas

TABLE 1

SUMMARY OF ANALYTICAL RESULTS

Sample Identification	Parameters	Results (ppb)
Comp-E	Benzene	24,966
	Toluene	365,407
	Ethylbenzene	53,590
	PM-Xylene	60,387
	O-Xylene	210,154
	Total BTEX	714,504
	Total Petroleum Hydrocarbons (TPH)	ND

Note: ND = Not Detected
Sample collected on 1/8/91

File/Dennis

State of Louisiana

Department of Environmental Quality

BUDDY ROEMER
Governor

October 9, 1991

PAUL TEMPLET
Secretary

Exxon Co., USA
3301 Scenic Hwy.
Baton Rouge, LA

RE: Stanford Exxon, 3191 S. Acadian, B.R., LA
Four Tank Closure - FAC ID# 17-004226

Dear Sir:

We acknowledge receipt of your "Underground Storage Tank (UST) Closure Notification Form" dated October 2, 1991 for the above referenced facility.

Guidelines for permanent closure of USTs may be found in the American Petroleum Institute Publication #1604, or the National Fire Protection Association Handbook #30. The State Fire Marshal's Office must be contacted prior to tank closure; however, in cases where the USTs are located within a city's corporate limits, the local fire department is the appropriate body to contact. There may also be some local building demolition permit(s) required from the parish or municipality.

After UST closure, we require the completion of the following forms to be submitted in duplicate: 1) UST Removal Information (form attached); 2) an amended copy of the UST Registration Form; 3) results of soil or groundwater analyses with a completed chain of custody form and 4) a sketch of the site depicting UST and sampling locations. This information will be used to update our inventory data base.

If you have any questions, please contact Mr. Dennis Strickland of our Capitol Regional Office at (504) 765-0243. We require you to contact him the week prior to the anticipated tank(s) closure. Thank you for your assistance in this matter.

Sincerely,

Dennis D Strickland

Dennis D. Strickland
Acting Enforcement Program Manager
Underground Storage Tank Division

DDS,DS:tb

RECEIVED

UNDERGROUND STORAGE TANK NOTIFICATION FORM

OCT 0 2 1991

UNDERGROUND STORAGE TANK DIVISION

State Use Only

I.D. Number 17-004226

Date Received

Regional Office Lemin

Return to: State of Louisiana
Department of Environmental Quality
Office of Solid and Hazardous Waste
Underground Storage Tank Division
P.O. Box 44274 Baton Rouge, LA 70804-4274

INSTRUCTIONS

Please complete and return thirty (30) days prior to permanent tank(s) closure.

I. Ownership of Tank

Owner Name (Corporation, Individual, Public Agency, or other Entity): Exxon Co., USA

Street Address: 3301 Scenic Hwy.

Parish:

City: Baton Rouge State: La. Zip Code:

Area Code: (504) Phone Number: 359-4255

II. Location of Tank

Facility Name or Company Site Identifier: Stanford Exxon (Loc. No. 5-1052)

Street Address or State Road: 3191 South Acadian Thruway.

Parish:

City(Nearest): Baton Rouge State: La. Zip Code: 70808

Contact Person: Don Simpson Area Code: (504) Phone Number: 359-4255

ADDITIONAL INFORMATION

1. Type of closure: (check one) ✓ Removal _____ Close in Place

2. Number of tank(s) to be permanently closed: 4

3. If the tank(s) are to be closed in place, indicate cleaning method and type of fill material to be used:

Not applicable

4. Name and contractor number of contractor/individual performing tank closure and the scheduled date:

E.L. Hall & Assoc., Inc. Closure date scheduled: Oct. 28, 1991

5. Name of analytical laboratory to conduct sample analysis: E.T. Corporation (Contact person, Deborah Daigle

6. Soil and/or groundwater samples must be collected to determine if a release has occurred. Proper sampling protocol should be obtained from the laboratory prior to commencement of closure activities.
   a. Tank(s) closed by removal: Soil samples must be taken immediately after tank removal and placed on ice. Samples should be collected approximately two (2) feet beneath the tank pad fill material at both ends of each tank's elongated portion. If groundwater is encountered during removal, soil samples should be collected from the excavation side wall at the uppermost level of the encountered groundwater. Groundwater samples are also acceptable.
   b. In-Place Closure: Samples must be obtained as described above utilizing an auger or similar instrument.
   c. Below is a chart depicting analytical requirements. The type of analysis is dependent upon the product last stored in greatest quantity by volume.

PRODUCT STORED	SAMPLE MEDIA	ANALYSIS REQUIRED	ANALYTICAL PROCEDURE
Gasoline	Soil	BTEX*	Solid Waste 846-Method 8020
	Groundwater	BTEX* and Total Lead	
Diesel	Soil	TPH-Diesel**	Modified California Department of Health Services Method
	Groundwater	TPH-Diesel**	
Waste Oil	Soil	E.P. Toxicity Metals	Solid Waste 846-Method 1310
	Groundwater	Total Organic Halogens	ASTM Method D808
		Oil and Grease	503 E Standard Methods
		Volatile Organic Hydrocarbons	Solid Waste 846-Method 8240

*BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
**TPH-Diesel = Total Petroleum Hydrocarbons for diesel

CERTIFICATION

I certify the above submitted information is correct and I agree to submit the analytical results within 60 days after tank(s) closure:

(1) Analytical Results.
(2) Site Diagram indicating location(s) where sample(s) were collected.
(3) Amended Registration Form.

Exxon Co., USA
Owner's Name

D. M. Simpson
Owner's Signature

6-20-91
Date Signed

INTERNATIONAL
TECHNOLOGY
CORPORATION

August 30, 1991

Project No. 435564

Mr. Glen Ewing
Exxon Company, USA
P.O. Box 4415
Houston, Texas 77210-4415

RECEIVED
RE & E
Environmental Engineering
SEP 19 91

Site Remediation Work Plan
Exxon Station 5-1052
3191 South Acadian Thruway
Baton Rouge, Louisiana

Dear Mr. Ewing:

IT Corporation (IT) is pleased to submit the following work plan for performing site investigation and remediation activities at Exxon station 5-1052 in Baton Rouge, Louisiana. Information obtained from an initial report (by a previous consultant) indicates that a release was discovered at the dispenser during a routine inspection on December 24, 1990. The incident was properly reported to the Louisiana Department of Environmental Quality (LDEQ) following discovery and the defective value was subsequently replaced.

The preliminary study (C-K Associates, 1991) included four hand auger borings installed near the release and analysis of a composite soil sample. Results of the preliminary soil analysis indicates hydrocarbon constituents in the soil adjacent to the release.

This proposed scope of work is based on the above site specific information, and correspondence between Exxon and the LDEQ concerning further investigation and remediation of the site.

Scope of Work

In order to further investigate the site for subsurface hydrocarbons and prevent any further hydrocarbon migration, Exxon has elected to remove and replace all underground storage tanks and associated product lines from the site. This method is proposed instead of typical plume delineation by monitoring wells and subsequent remediation, which may take years to accomplish similar goals. During the excavation procedures, an IT geologist will be on site to screen soil samples for hydrocarbon vapors and to collect soil samples as required by the Louisiana UST regulations. Soil samples will also be screened near the area of the release and along all product line trenches.

1150 LeBlanc Road ▪ Port Allen, LA 70767 ▪ (504) 344-8530

Soil samples will be collected from approximately 24 inches beneath the tankhold fill material at both ends of each tank's elongated portion. Each sample will be placed in an airtight plastic container for headspace analysis with a portable photoionization detection (PID) meter. Samples will also be collected from the sidewalls of the excavation for field screening with a PID meter. Should elevated PID readings (> 150 ppm) be detected, further excavation of the tankhold will be performed, if feasible. Samples collected from the base of the tankhold will be submitted to the laboratory for BTEX and TPH-G analysis.

During excavation of the product lines, soil samples will be collected along the base of the trench at approximately 50 foot spacings and screened with a PID meter. This will include the immediate area of the release near the single dispenser island (Figure 1). Over excavation will be performed if necessary based on PID readings and observations by the on site geologist.

All soil removed during the excavation will be properly disposed at an industrial landfill, specifically Waste Management Inc.'s Woodside Landfill in Walker, Louisiana. The soil will be properly manifested by IT personnel on site. It is anticipated that a majority, possibly all soil disposal costs will be covered under the LDEQ underground storage tank trust fund, pending approval of this work plan by the LDEQ.

An Excavation Assessment report will be prepared summarizing the procedures utilized on site and the results of the investigation.

Project Schedule

The schedule provided (in working days) is conditional and is based on information gathered during similar investigations. Note that Day 1 of the proposed schedule coincides with approval of proposed work plan by LDEQ to proceed with the work, reimbursable under the terms of the Trust Fund, and receipt of an authorized work release form Exxon Company, USA.

Day 1 - 30	Exxon Company, USA, C & M Engineer to organize tank excavation procedures and notify LDEQ of start date.
Day 30 - 60	Tank removal, soil excavation, hauling and disposal activities in progress. New tanks and lines installed at site.
Day 60 - 90	Data reduction, Excavation Assessment Report preparation.
Day 90 - 95	Submittal of draft report for Exxon review.
Day 95 - 100	Submittal of final report to Exxon.

The excavation of the tankhold and line trenches is expected to remediate the site of any

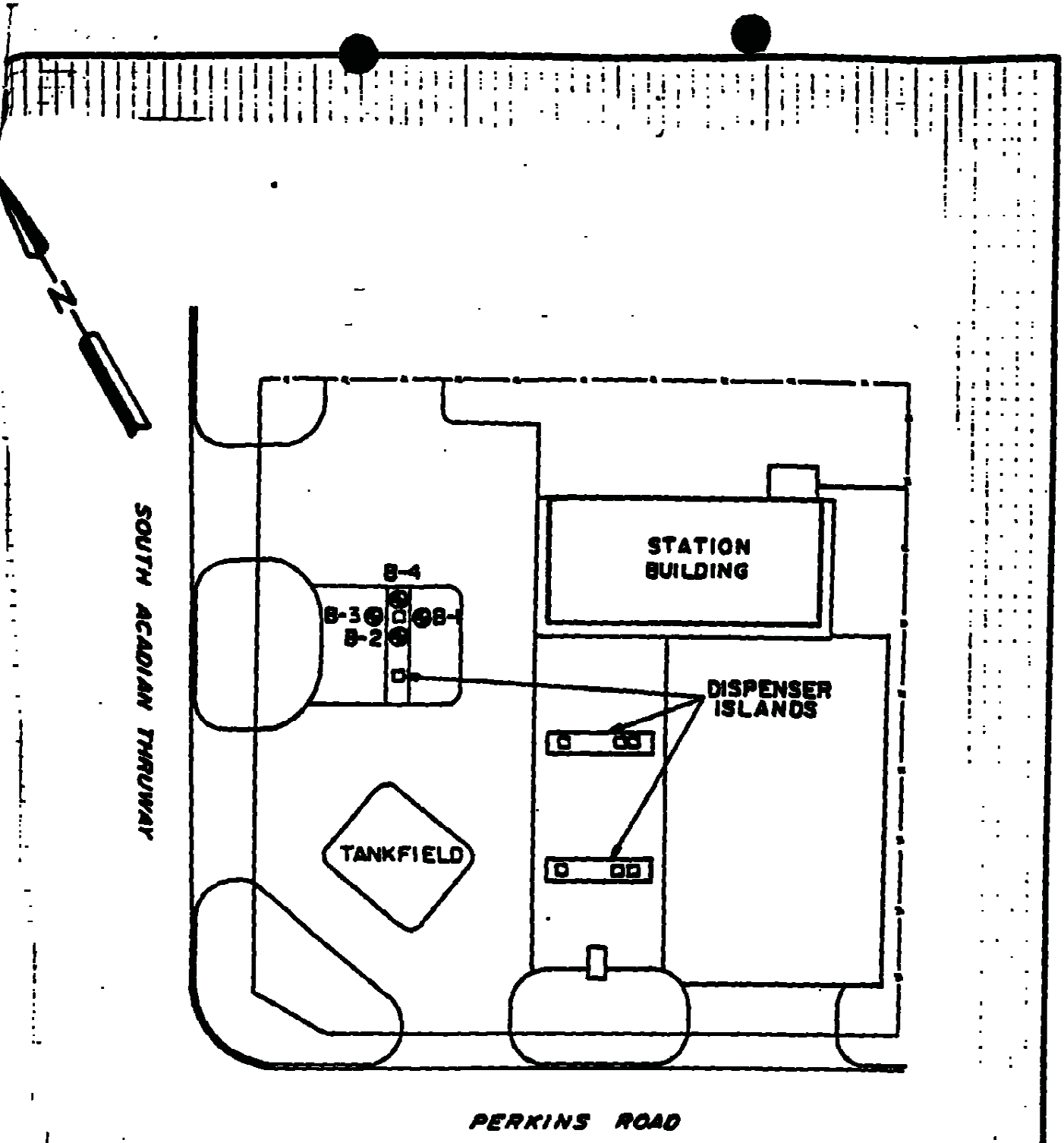
subsurface hydrocarbons released from the current UST system at Exxon Station 5-1052. Based on observations made during the excavation procedure and sample analysis data, recommendations for site closure or further investigation work will be proposed to Exxon by IT Corporation.

We trust that this information is sufficient for your needs. A cost estimate sheet for soil disposal is attached for your review. This work plan and cost estimate should be approved by the LDEQ in order to be eligible for reimbursement. Should you have any questions or desire additional information, please contact me at our Baton Rouge office at 504-291-0362. IT Corporation appreciates the opportunity to be of service to you on this project.

Sincerely,
IT CORPORATION

Deborah Daigle
Project Hydrogeologist

DD:jma



LEGEND

● Soil Boring (From Previous Investigation)

FIGURE 1

SITE PLAN

Exxon Station 5-1052
Baton Rouge, LA

PREPARED FOR

EXXON CO., USA
HOUSTON, TX

STATE OF LOUISIANA
REGISTRATION FOR UNDERGROUND STORAGE TANKS

RETURN COMPLETED FORM TO: DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF SOLID AND HAZARDOUS WASTE
UNDERGROUND STORAGE TANK DIVISION
P.O. BOX 44274
BATON ROUGE, LA. 70804-4274

RECEIVED
JAN 0 2 1991
UNDERGROUND STORAGE TANK DIVISION

AMENDED REGISTRATION **

Use this form ONLY when submitting corrections/changes to previous submitted registration. ONLY amended information needs to be included.

Check the ones that apply:

- [x] Changes are to Facility ID# 17-004226
- [x] Replacement Tank(s) Previous Tank #'s 1, 2, 3, 4
- [ ] Additional Tank(s)
- [ ] Changes to current tank(s) Tank #'s ____, ____, ____, ____
- [ ] Change in ownership
- [ ] Other changes ____

STATE USE ONLY
Date entered: 1-2-92
Data entry clerk: R

**Please submit a copy of original registration form when submitting any alterations to present registration.

- [ ] Closure
  Facility ID# ____

Owner response comments: ____

AMENDED
Replacement Tank

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 4 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.
Indicate number of continuation sheets attached [ ]

I. OWNERSHIP OF TANK(S)

Exxon Co., U.S.A.
Owner Name: (Corporation, Individual, Public Agency, or Other Entity)
P.O. Box 4386
Mailing Address
Houston Texas. 77210-4386
City State Zip Code
Harris County
Parish
(713) 680-5122
Phone Number (include Area Code)

II. LOCATION OF TANKS

If same as Section 1, mark box here. [ ]
Stamford Exxon (Store No. 5-1052)
Facility Name or Company Site Identifier, as applicable
3191 S. Acadian Thruway
Street Address (P.O. Box not acceptable)
Baton Rouge, La. 70808
City State Zip Code
Parish

NOTICE: A current copy of the registration form must be kept on-site or at the nearest staffed facility.

Rev. 1/91

III. TYPE OF OWNER

- ☐ Federal Government
- ☒ Commercial
- ☐ State Government
- ☐ Private
- ☐ Local Government

IV. INDIAN LANDS

Tanks are located on land within an Indian Reservation or on other trust lands. ☐

Tanks are owned by native American nation, tribe, or individual. ☐

Tribe or Nation: _____

V. TYPE OF FACILITY

Select the Appropriate Facility Description

✓ Gas Station	Railroad	Trucking/Transport
Petroleum Distributor	Federal-No-Military	Utilities
Air Taxi(Airline)	Federal-Military	Residential
Aircraft Owner	Industrial	Farm
Auto Dealership	Contractor	Other(Explain)

VI. CONTACT PERSON IN CHARGE OF TANKS Exxon Co. USA

Name:	Job Title	Address
Donald W. Simpson	Constr. & Mzint. Engr.	3301 Scenic Hwy. Baton Rouge, La. 70805

Phone Number (Include Area Code)
(504) 359-4255

VII. FINANCIAL RESPONSIBILITY

I have met the financial responsibility requirements in accordance with 40 CFR Subpart H ✓

Check all that apply

- ☒ Self Insurance
- ☐ Commercial Insurance
- ☐ Risk Retention Group
- ☐ Guarantee
- ☐ Surety Bond
- ☐ Letter of Credit
- ☐ State Funds
- ☐ Trust Fund
- ☐ Other Method Allowed Specify _____

VIII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiarwith the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
B. C. TREVINO REGULATORY ANALYST	B C Trevino	12/23/91

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)

Tank Identification Number	Tank No. 1	Tank No. 2	Tank No. 3	Tank No. 4
1. Status of Tank (mark only one)	39271	39272	39273	
Currently In Use	✓	✓	✓	
Temporarily Out of Use				
Permanently Out of Use				
Amendment of Information				
Is Tank or Piping leaking?	Yes ___ No ✓	Yes ___ No ✓	Yes ___ No ✓	Yes ___ No ___
2. Date of Installation (mo/year)	10/91	10/91	10/91	
3. Estimated Total Capacity (gallons)	12000	12000	12000	
4. Is there an Active or Abandoned Water Well within 50 ft.?	Yes ___ No ✓	Yes ___ No ✓	Yes ___ No ✓	Yes ___ No ___
If yes, specify # Active	-	-	-	
# Abandoned	-	-	-	
5. Material of Construction (Mark all that apply)				
Asphalt Coated or Bare Steel				
Cathodically Protected Steel				
Epoxy Coated Steel				
Composite (Steel with Fiberglass)				
Fiberglass Reinforced Plastic	✓	✓	✓	
Lined Interior				
Double Walled	✓	✓	✓	
Polyethylene Tank Jacket				
Concrete				
Excavation Liner				
Unknown				
Other, Please specify				
Has tank been repaired?				
6. Piping (Material) (Mark all that apply)				
Bare Steel				
Galvanized Steel				
Fiberglass Reinforced Plastic	✓	✓	✓	
Copper				
Cathodically Protected				
Double Walled	✓	✓	✓	
Secondary Containment	✓	✓	✓	
Unknown				
Other, Please specify				

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS(Complete for each tank at this location.)				
Tank Identification Number	**Tank No. 1**	**Tank No. 2**	**Tank No. 3**	**Tank No. ____**
7. Piping (Type) (Mark all that apply) — Suction: no valve at tank				
Suction: valve at tank				
Pressure	✓	✓	✓	
Gravity Feed				
Has piping been repaired?	No	No	No	
8. Substance Currently or Last Stored in Greatest Quantity by Volume — Gasoline	✓	✓	✓	
Diesel				
Gasohol				
Kerosene				
Heating Oil				
Used Oil				
Other, Please specify				
Hazardous Substance				
CERCLA name and/or,				
CAS number				
Mixture of Substances				
Please specify				

X. TANKS OUT OF USE, OR CHANGE IN SERVICE				
1. Closing of Tank — A. Estimated date last used (mo/day/year)	10/27/91	10/27/91	10/27/91	10/27/91
B. Estimate date tank closed (mo/day/year)	10/28/91	10/28/91	10/28/91	10/28/91
C. Tank was removed from ground	yes	yes	yes	yes
D. Tank was closed in ground				
E. Tank filled with inert material				
Describe				
F. Change in service				
2. Site Assessment Complete	No	No	No	No

Tank Identification Number	Tank No.	Tank No.	Tank No.	Tank No.
Evidence of a leak detected	1	2	3	5,3

XI. CERTIFICATION OF COMPLIANCE (Complete for all new and upgraded tanks at this location.)

1. Installation (Effective January 20, 1992, only those persons certified by the Louisiana Department of Environmental Quality may install USTs) (Mark all that apply)				
A. Installer certified by the LDEQ	yes	yes	yes	—
B. Installer certified by tank and piping manufacturers	yes	yes	yes	—
C. Installation inspected by a registered engineer.	yes	yes	yes	—
D. Manufacturer's installation checklists have been completed				

2. Release Detection (Mark all that apply)	Tank	Piping	Tank	Piping	Tank	Piping	Tank	Piping
A. Manual tank gauging	X		X		X			
B. Tank tightness testing	X		X		X			
C. Inventory controls								
D. Automatic tank gauging								
E. Vapor monitoring								
F. Groundwater monitoring								
G. Interstitial monitoring doubled walled tank/piping	X		X		X			
H. Interstitial monitoring/secondary containment	X	X	X	X	X	X		
I. Automatic line leak detectors	[illegible]	X		X		X		
J. Line tightness testing		X		X		X		
K. Other method allowed by implementing agency. Please specify.								

3. Spill and Overfill Protection				
A. Overfill device installed	yes	yes	yes	
B. Spill device installed	yes	yes	yes	

Oath: I certify the information concerning installation that is provided in section XI is true to the best of my belief and knowledge.

Installer: R.L. Hall & Assoc. (Name) — R.L. Hall (Signature) — 11-20-91 (Date)

(Certificate Number (Issued by the LDEQ))

R.L. Hall & Assoc. (Company)

REGISTRATION FOR UNDERGROUND STORAGE TANKS

GENERAL INFORMATION

Registration is required by State law for all underground tanks that have been used to store regulated substances, unless, the underground storage tanks have been filled with a solid inert material.

WHO MUST REGISTER? The Louisiana Environmental Quality Act, L.R.S. 30:2194 et seq, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify the Louisiana Department of Environmental Quality of the existence of their tanks.

Owner means-

a) the current owner of the land under which the tank is buried;
b) any legal owner of the tank;
c) any known operator of the tank;
d) any lessee;
e) any lessor.

If one person defined as an owner complies it shall be deemed compliance by all persons defined as owners.

WHAT TANKS ARE INCLUDED? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing:

1. Gasoline, used oil, or diesel fuel, and 2. Industrial solvents, pesticides, herbicides or fumigants.

WHAT TANKS ARE EXCLUDED? Tanks removed from the ground are not subject to registration. Other tanks excluded from registration are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;
4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws:
5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly

STATE OF LOUISIANA
UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM – PLEASE TYPE

Please complete and return withing sixty (60) days after UST system closure or change-in-service. AI-20629

Return to: LDEQ - UST DIVISION Questions: (504) 765-0243
P. O. Box 82178
Baton Rouge, LA 70884-2178

DEQ Facility Number 17-004226
DEQ Owner ID Number 0109200

I. OWNERSHIP OF TANKS

IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐

Exxon Mobil Corporation
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)

601 Jefferson Street
MAILING ADDRESS

Houston TX 77002
CITY STATE ZIP

Harris
PARISH/COUNTY

(713) 656-9216
TELEPHONE (INCLUDE AREA CODE)

Roxana Brom
NAME OF CONTACT PERSON

II. LOCATION OF TANKS

IF SAME AS SECTION I, PLEASE CHECK ☐

Former Exxon Retail Store No. 5-1052
FACILITY NAME OR COMPANY SITE IDENTIFIER

3191 South Acadian Thruway
STREET ADDRESS (P. O. BOX NOT ACCEPTABLE)

Baton Rouge LA 70808
CITY STATE ZIP

East Baton Rouge
PARISH

( ) N/A
TELEPHONE (INCLUDE AREA CODE)

CONTACT PERSON AT THIS LOCATION

III. TANK INFORMATION (Attach Continuation Sheets If Necessary)

DEQ ASSIGNED TANK NUMBERS	SIZE OF TANKS (GALLONS)	PRODUCT LAST STORED IN TANK	CHOOSE ONE PER TANK 1 = Removed 2 = Closed-in-Place 3 = Change-in-Service[1] 4 = Removed & Replaced[2]	TANK PROPERLY LABELED? CIRCLE		HIGHEST LEL OR OXYGEN READING[3] LEL[4]	Oxygen	DATE OF CLOSURE OR CHANGE-IN-SERVICE
39271	12,000	Gasoline	1	(Y)	N		4%	03 / 15 / 01
39272	12,000	Gasoline	1	(Y)	N		3%	03 / 15 / 01
39273	12,000	Gasoline	1	(Y)	N		4%	03 / 15 / 01
				Y	N			/ /
				Y	N			/ /

1 - Indicate the non-regulated substance to be stored in the tank.
2 - A registration form addressing the replacement tank must be completed.
3 - Highest reading recorded just before tank removed from excavation.
4 - Lower Explosive Limit

IV. TANK	V. TANK SLUDGES	VI. TANK WATERS/WASHWATERS
A. Date cleaned 03 / 15 / 01	A. Date disposed/recycled N/A /	A. Date disposed/recycled 03 / 15 /01
B. Date disposed/recycled 03/27/01	B. Volume removed None cu/yds	B. Volume removed 5,300 gals
C. Name of disposal site/recycling site Jefferson Parish Landfill	C. Name of disposal site N/A	C. Name of disposal/recycling site U.S.Filter Recovery Services

VII. CONTAMINATED SOIL		VIII. CONTAMINATED GROUNDWATER	
A. Date removed N/A /	D. Date disposed N/A /	A. Date removed 03 / 14 /01	D. Date disposed 03 / 14 / 01
B. Volume of soil removed None cu/yds		B. Volume of groundwater removed 12,863 gals	
C. Name of disposal site N/A		C. Name of disposal site/recycler U.S. Filter Recovery Services	

IX. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Roxanna Brom — PRINT OR TYPE OWNER'S NAME
OWNER'S SIGNATURE
5/11/01 — DATE

Cliff D. Corder — PRINT OR TYPE NAME OF CERTIFIED WORKER
SIGNATURE OF CERTIFIED UST WORKER
C-0676 — CERTIFICATE NO.
05/10/01 — DATE

FORMS THAT DO NOT INCLUDE THE OWNER'S AND UST WORKER'S SIGNATURES WILL BE REJECTED.

LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

☐ UST system removed from database; no further action required.
☑ UST system removed from database; additional information required Contamination is present in soil and groundwater. Refer to Remediation Services Division.

Reviewer's Signature Charles J. McClain Telephone No. (225) 765-2682 Date 7/2/01

Signature of LDEQ Representative Bobby Mayweather Date 7/02/01 Supervisor's Initials

UST-ENF-02 **** INCOMPLETE FORMS MAY BE REJECTED ***** Revised 12/94

UST DIV. MAIN OFFICE FILE

UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM

INSTRUCTIONS

Within **SIXTY DAYS** after completing a UST closure or change-in-service, this form along with **two copies** of the following must be provided to the Underground Storage Tank Division:

1. site drawing;
2. analytical results with chain-of-custody documents; and
3. copies of all manifests, bills of lading or receipts for the disposition of tank(s), tank contents, soil and waters.

All applicable information required on the form must be addressed. Forms that are incomplete may be rejected.

Please **PRINT** clearly (press hard, as you are making six copies). After completion, the owner is to retain the bottom (canary) copy and forward all remaining copies of the form to:

UNDERGROUND STORAGE TANK DIVISION
P. O. BOX 82178
BATON ROUGE, LA 70884-2178.

The UST Division will distribute the remaining copies of the form as follows:

1. Original (White) - UST Main Office File
2. Pink - UST Regional Office File
3. Goldenrod - Registration Files
4. Blue - UST Owner (After DEQ Processing)
5. White - UST Closure Reading File
6. Green - UST Main Office File (Before DEQ Processing)

PROCEDURES TO BE FOLLOWED

The procedures which must be followed when performing a UST closure or change-in-service are provided in the "Underground Storage Tank Closure/Change-in-Service Assessment Guidelines." To obtain a copy of this document call the UST Division at (504) 765-0243 or write to the address noted above.

NOTICE

Chapter 13 of the UST Regulations requires that owners of USTs ensure that the contractor chosen to perform the UST closure/change-in-service employs an individual who holds a current Louisiana DEQ certificate for closure. The certified person must be present at the site and exercising responsible supervisory control during the closure/change-in-service process. A list of contractors who employ DEQ certified workers can be obtained from the UST Division at (504) 765-0243.

CONESTOGA-ROVERS
& ASSOCIATES

4915 S. Sherwood Forest Blvd., Baton Rouge, LA 70816
Telephone: 225.292.9007 Facsimile: 225.292.3614
www.CRAworld.com

September 26, 2001

Reference No. 26809-00

acl

Remediation Services Division
Manager: Bradford
Team Leader: Pegan
AI #: 20629
TEMPO Task #:
Desk Copy File Room: UST

Mr. Keith L. Casanova, Administrator
Louisiana Department of Environmental Quality
Remediation Services Division
P.O. Box 82178
Baton Rouge, LA 70884-2178

Re: Work Plan and Cost Estimate for Additional Site Investigation
Former Exxon Retail Store No. 5-1052
3191 South Acadian Thruway
Baton Rouge, Louisiana
Facility UST I.D. No.: 17-004226
Agency Interest No.: ~~20629~~ 22413

RECEIVED
SEP 2 8 2001
LA. DEPT. OF ENV. QUALITY
REMEDIATION SERVICES DIVISION
LOG # FY 2002 - 1634

Dear Mr. Casanova:

As requested in Louisiana Department of Environmental Quality (LDEQ) correspondence dated August 29, 2001, Conestoga-Rovers & Associates (CRA), on behalf of Exxon Mobil Corporation (ExxonMobil), herein submits a work plan and cost estimate to perform an investigation (exclusive of RECAP evaluation costs) at the above-referenced facility in accordance with the LDEQ's Risk Evaluation/Corrective Action Program (RECAP), Appendix B, as revised on June 20, 2000. Within ninety days following receipt of written LDEQ approval of this investigation plan, a site investigation report detailing the extent of subsurface hydrocarbon impact will be submitted that will include a RECAP evaluation of the analytical laboratory results of the investigation. Prior to completing this RECAP evaluation, a RECAP proposal detailing the management option, input parameters, and estimated cost to complete the evaluation will be submitted for LDEQ Remediation Services Division (RSD) approval. A site plan depicting the former underground storage tanks (USTs), dispenser island locations, former used oil tank, and other pertinent features of the property are presented as Figure 1.

CRA proposes to utilize existing soil and groundwater analytical data obtained during Initial Subsurface Investigation (ISI) activities conducted in May 2001. CRA has determined, however, that some additional data is needed. Soil and groundwater data should be collected from the five proposed boring locations, presented in Figure 1. The soil and groundwater samples should be analyzed for the appropriate parameters designated for gasoline in Table D-1 of the LDEQ RECAP document. In addition, fractional organic carbon (foc), total dissolved solids (TDS), and geotechnical information will be collected to comply with RECAP. Also, all existing monitoring wells will be resampled and analyzed for the appropriate parameters designated in Table D-1. One of the existing monitoring wells will be resampled for Chromium VI as previous laboratory analysis of combined Chromium indicated levels above RECAP screening standards (SS). In addition, CRA will collect a non-impacted soil sample to confirm the suspected background

source of elevated concentrations of arsenic. The appropriate QA/QC samples will be collected. This data, as well as all recent data collected from the site by CRA, will be incorporated into the RECAP evaluation.

SCOPE OF WORK

CRA proposes the following scope of work to be conducted in accordance with the LDEQ's Risk Evaluation/Corrective Action Program (RECAP), Appendix B:

- Install five soil exploration borings to approximately 18 feet below ground surface (bgs), or at least 10 feet below the water table, using a small diameter, hydraulically advanced direct push drilling method. Borehole depth may vary depending on soil/groundwater interface.
- Collect representative soil samples continuously (two-foot centers) from the borings.
- Inspect and classify soil samples in the field, and conduct headspace screening of the soil samples for petroleum hydrocarbon vapors using a portable photoionization detector (PID).
- Collect groundwater samples from existing monitoring wells (MW-1 through MW-5).
- Submit one soil sample from each distinct change in lithology for geotechnical characterization. In addition, one soil sample submitted for geotechnical testing will also be analyzed for foc by ASTM D2974.
- Submit a minimum of three soil samples from each of the borings and groundwater samples from the existing monitoring wells (MW-1 through MW-5) to ExxonMobil's contract, LDEQ approved, laboratory, Test America, Inc. (TAI) of Nashville, Tennessee. Soil and groundwater samples will be analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by U.S. Environmental Protection Agency (EPA) Method 8021B, total petroleum hydrocarbon-gasoline (TPH-G) by EPA Method 8015B and total lead by Method 6010B. Submit one soil sample for arsenic analysis by EPA Method 6010B. A groundwater sample, from one well, will also be analyzed for total dissolved solids (TDS) by EPA Method 160.1. Additionally, the groundwater sample collected from monitoring well MW-5 will be analyzed for Chromium VI (total and dissolved) by EPA Method 7196. The soil samples to be submitted will be determined by the following criteria: highest PID reading; first-encountered groundwater; and the total depth of the borehole; and at all significant lithology changes. In addition, QA/QC samples will be collected. Submit one soil sample for arsenic analysis by EPA Method 6010B.

CONESTOGA-ROVERS & ASSOCIATES

- Grout the boreholes to the surface with a cement-bentonite mixture following sample collection and repair the concrete parking lot area where necessary.
- Conduct rising head slug test in order to define groundwater yield if the TDS concentration is determined to be < 10,000 milligrams per liter.
- Conduct a sensitive receptor and water well survey for a one-mile radius surrounding the site.
- Prepare a RECAP proposal detailing the management option, input parameters, and estimated cost to complete the evaluation

CRA will conduct the recommended evaluation in accordance with applicable LDEQ/RECAP requirements. Laboratory analyses will be performed utilizing EPA and LDEQ approved analytical methods. Soil cuttings generated from the borings will be minimal due to the small diameter of the sampling equipment and will be spread on-site.

CRA's cost estimate for this plan proposal is $ 7,298. If during the course of the project, CRA determines that additional tasks are advisable or additional data collection will be required beyond the scope of work defined herein, approval will be obtained prior to proceeding and incurring additional costs.

If you have any questions or comments concerning this submittal, please call CRA, or Roxanna Brom, ExxonMobil Territory Manager, at 713/656-9216.

Sincerely,
CONESTOGA-ROVERS & ASSOCIATES

Troy S. Bernal
Project Coordinator

Thomas B. Powers, PG
Project Manager

TSB:pla

Attachments: Figure 1 - Site Plan and Proposed Boring Locations
Exhibit 1 - Estimated Budget

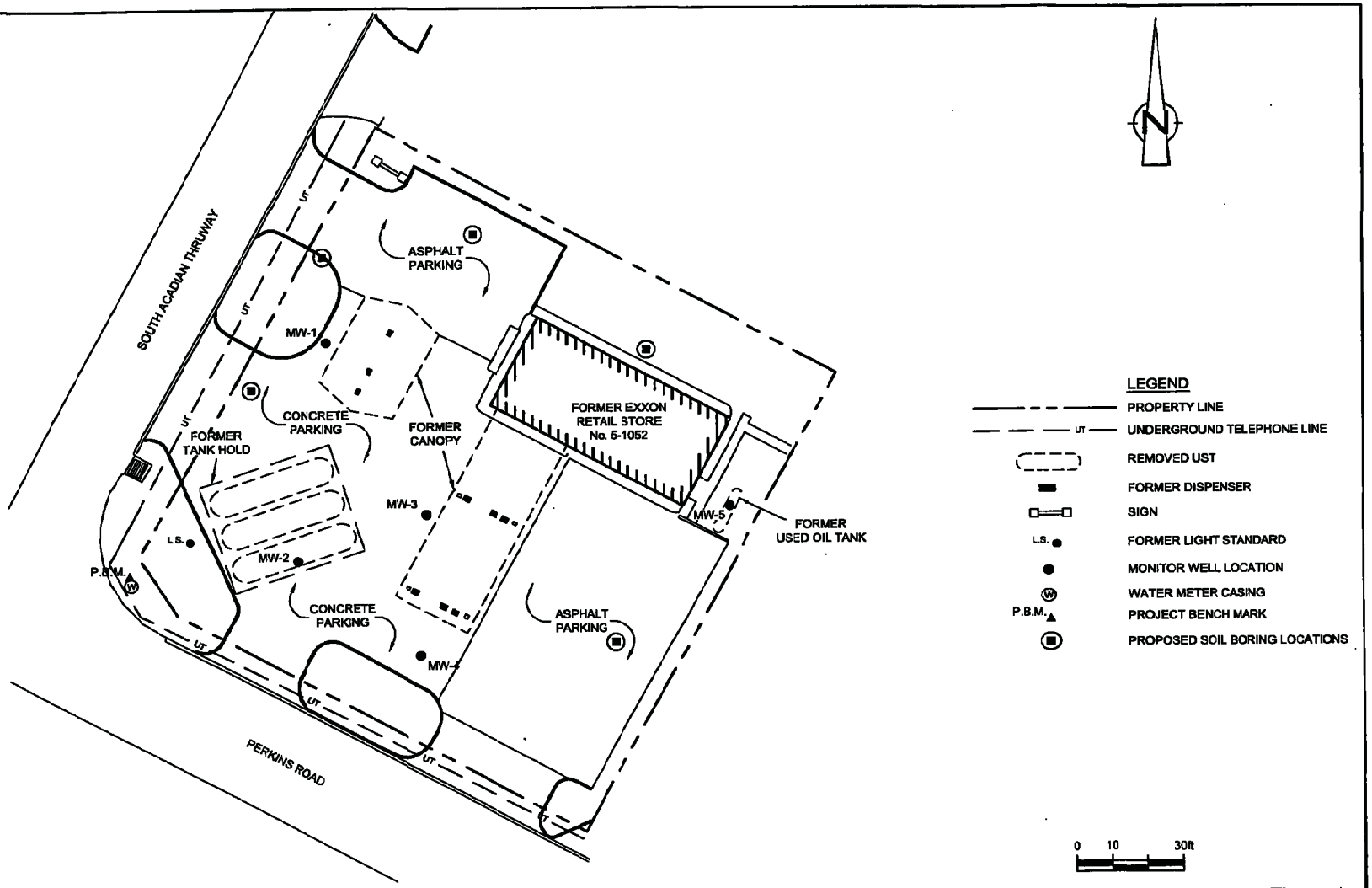


Figure 1

SITE PLAN
FORMER EXXON RETAIL STORE NO. 5-1052
3191 SOUTH ACADIAN THRUWAY, BATON ROUGE, LOUISIANA
EXXON MOBIL CORPORATION, HOUSTON, TEXAS

26809-00(002)GN-BR006 SEP 26/2001

LDEQ-EDMS Document 1020399, Page 4 of 6

RECAP FORM 1
RECAP SUBMITTAL SUMMARY

A completed RECAP Submittal Summary form shall be included as the first page of the RECAP Submittal.

Facility Owner Name:	ExxonMobil Corporation
Facility Owner Mailing Address:	Roxanna Brom Exxon Mobil Corporation 601 Jefferson Street, Room 1268 Houston, Texas 77002
Facility Physical Address:	3191 South Acadian Thruway Baton Rouge, Louisiana
Parish:	East Baton Rouge
Latitude/Longitude of Primary Facility Entrance:	Latitude 30:25:16 Longitude 91:09:09
Latitude/Longitude Method:	Derived from USGS topographic map
Facility Contact Person:	Roxanna Brom
Facility Contact Person's Phone Number:	713-656-9216
Facility Contact Person's Mailing Address:	ExxonMobil Corporation 601 Jefferson Street, Room 1268 Houston, Texas 77002
Facility LDEQ Identification Numbers:	AI: 22413 UST ID No.: 17-004226
Area of Investigation Name:	SOIL AOI
Area of Investigation Location:	Northern end of former UST, both dispenser islands
Area of Investigation Size:	90 feet by 105 feet
Indicate How Release Occurred (if known):	Unknown leak from UST and/or piping.
List Constituents Released (if known):	Benzene, toluene, ethylbenzene, xylene, TPH-GRO, and lead
RECAP Submittal Date:	04/02/03
RECAP Submittal Prepared by:	David Dickey
RECAP Submittal Preparer's Employer:	Conestoga-Rovers & Associates

Site Ranking: [ ] Class 1 [ ] Class 2 [ ] Class 3 [X] Class 4

Media Impacted:

[X] Surface Soil	[ ] Groundwater 1A	[ ] Surface water
[X] Potential Surface Soil	[ ] Groundwater 1B	[ ] Sediment
[ ] Subsurface Soil	[ ] Groundwater 2A	[ ] Biota
	[ ] Groundwater 2B	
	[ ] Groundwater 2C	
	[X] Groundwater 3A	
	[ ] Groundwater 3B	
	[ ] Groundwater Classification Unknown	

Aquifer: N/A

Depth Groundwater First Encountered: 5-9 feet bgs

Fractional Organic Carbon Content: 0.020 g/g

Distance from POC to POE: 1950 feet
Dilution Factor Applied: 310

Is NAPL Present? [ ] Yes [X] No

Current Land Use: [ ] Non-Industrial [X] Industrial NAICS: 44711

Potential Future Land Use: [ ] Non-Industrial [X] Industrial

Is There Offsite Contamination? [ ] Yes [X] No
If Yes, Land Use Offsite: [ ] Non-Industrial [ ] Industrial NAICS:

Management Option(s) Used:

[X]SO: Are the maximum detected concentrations for all COC in all impacted media less than or equal to the limiting SS? [ ] Yes [X] No

[ ] MO-1: Are the exposure concentrations for all COC in all impacted media less than or equal to the limiting MO-1 RS? [ ] Yes [ ] No

[X] MO-2: Are the exposure concentrations for all COC in all impacted media less than or equal to the limiting MO-2 RS? [X] Yes [ ] No

[X] Appendix K: Are the exposure concentrations for all COC in all impacted media less than or equal to the limiting Appendix K MO-2 RS? [X] Yes [ ] No

[ ] MO-3A Is the cumulative cancer risk less than or equal to 1E-06? [ ] Yes [ ] No

Is the total hazard index less than or equal to 1.0? [ ] Yes [ ] No

[ ] MO-3B: Are the exposure concentrations for all COC in all impacted media less than or equal to the limiting MO-1 RS? [ ] Yes [ ] No

Is Corrective Action Proposed? [ ] Yes [X] No

Are Institutional Controls Proposed? [X] Yes [ ] No

Have Interim Corrective Actions Been Performed? [X] Yes [ ] No

If yes, explain. USTs and piping removed.

Is There a Current or Potential Ecological Impact? [ ] Yes [X] No

What is the Action Being Requested for Management of this AOI?

[X] NFA-ATT [ ] CAP Approval [ ] Closure Plan Approval

RECAP Standards Applied at the AOI:

Constituents of Concern	Soil RECAP Standards (mg/kg)	Groundwater RECAP Standards (mg/L)
Benzene	12.0	4.03
Toluene	1600	530
Ethylbenzene	720	170
Xylene	440	10
TPH-GRO (C6-C12)	5667	9610
Lead	100	15.5
Arsenic	9.82 (background)	0.05

EXECUTIVE SUMMARY

This site investigation was conducted by Conestoga-Rovers & Associates (CRA) in accordance with the Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) dated June 20, 2000, in order to assess the lateral and vertical limits of petroleum hydrocarbon constituents in the subsurface soils and groundwater. Soil and groundwater samples were collected during the time period March 2001 to December 2002 for analysis of parameters specified in RECAP. A summary of CRA's work and findings follows:

Area of Investigation (AOI) History

Reason for Investigation - The investigation was conducted to evaluate the site in accordance with the LDEQ's RECAP as requested by the LDEQ/Remediation Services Division following UST tank closure confirmatory sampling and a Divestment Initial Subsurface Investigation (DISI) conducted by CRA on behalf of ExxonMobil Corporation which determined the presence of petroleum hydrocarbon constituents in the subsurface.

Site Characteristics – The site, located on the northeast corner of the intersection of South Acadian Thruway and Perkins Road, is paved with concrete. The underground storage tank (UST) system has been removed and the building demolished.

Site Status – The site is currently vacant. Site closure is sought under RECAP in accordance with LDEQ UST regulations.

Release Source - The source of the release was not clearly identified, but apparently resulted from a leak from the former UST system and/or the dispenser lines. Based on analytical concentrations, the release is believed to be from a former fuel dispenser.

Soil Type - The soils encountered at the site are described as silty clays.

Analytical results obtained during the site investigation were compared with LDEQ RECAP-derived Screening Option Screening Standards (SO SS). Based on the findings from the work, one Area of Investigation (AOI) has been identified as an area that exhibits constituent concentrations above SO SS.

The AOI represents an area encompassing soil borings/monitor wells S-1 through S-4, SB-3 through SB-7, and MW-1 and MW-3 in the area of the former UST hold and the former fuel dispenser islands (see Figure 5).

Highest Concentrations in all Impacted Media - Six constituents had soil concentrations that exceeded the limiting SO SS. They are arsenic (8.96 milligrams per kilogram (mg/kg), benzene (8.81 mg/kg), toluene (158 mg/kg), ethylbenzene (56.5 mg/kg), xylene (215 mg/kg), and TPH-Gasoline Range Organics: C-6 to C12 (2940 mg/kg).

Also for the AOI, there were five constituents with groundwater concentrations that exceeded the limiting SO SS including benzene (2.638 milligrams per liter (mg/L)), toluene (13.28 mg/L), ethylbenzene (1.974 mg/L), TPH-GRO (60.7 mg/L), and lead (0.036 mg/L).

The groundwater and soil concentrations of the constituents that were above the SO SS were then evaluated under RECAP Appendix K and Management Option 2. A comparison of the Limiting RECAP Standard (RS) concentrations with the exposure/source concentrations for the soil and compliance concentrations for groundwater (See Tables 11 and 12) demonstrates that none of the reported concentrations in soil and groundwater are above their respective Limiting RS.

Free Product Conditions – Phase-separated hydrocarbon (PSH) was not encountered in any of the soil borings or monitor wells.

Potential and/or Affected Receptors – On-site workers are the potential receptors for soil and ambient air. Dawson Creek, located approximately 1,950 feet downgradient of the site is the potential point of exposure for groundwater.

Problem Evaluation – Based on the findings of the site investigations and RECAP evaluation, CRA recommends that a "no further action-at this time" be granted for this site.

State of Louisiana

Department of Environmental Quality

KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY

SEP 2 7 2005

CERTIFIED – RETURN RECEIPT REQUESTED (7003 2260 0001 2752 4823)

Mr. Dale L. Gomm
ExxonMobil Territory Manager
16825 Northchase Dr.
Room 928 C
Houston, TX 77060

RE: No Further Action Notification
Former Exxon Service Station #5-1052; **AI Number 22413**
FID # 17-004226; UST ID # UE-91-02-0181
3191 South Acadian Thruway, Baton Rouge, East Baton Rouge Parish

Dear Mr. Gomm:

The Louisiana Department of Environmental Quality – Environmental Technology Division (LDEQ-ETD) has completed its review of your RECAP Evaluation dated April 2, 2003, for the above-referenced area of investigation located at 3191 South Acadian Thruway in East Baton Rouge Parish. Based on our review of this document and all previously submitted information, we have determined that no further action is necessary at this time. The Basis of Decision for this notification is attached.

No soils may be removed from this site without prior approval from LDEQ unless they are removed and disposed at a permitted disposal facility. Prior to the construction of enclosed structures over any portion of the impacted area, further evaluation and approval from LDEQ is warranted.

If you have any questions or need further information, please call Melissa Boles Ashour at (225) 219-3409.

Thank you for your cooperation in addressing this area.

Sincerely,

Keith L. Casanova

Keith L. Casanova, Administrator
Remediation Services Division

mba
Attachment

c: Imaging Operations – UST
Claire Greer, Motor Fuels Trust Fund
Terri Gibson, RSD
Seth Domangue, CRA
4915 S. Sherwood Forest Blvd.
Baton Rouge, LA 70816
Larry Brooks
P.O. Box 64862
Baton Rouge, LA 70896

BASIS OF DECISION FOR NO FURTHER ACTION

Former Exxon Retail Store # 5-1052
AI # 22413

The Louisiana Department of Environmental Quality – Environmental Technology Division (LDEQ-ETD) has determined that the Former Exxon Retail Store # 5-1052 requires No Further Action At This Time.

The property has historically been operated as an Exxon gasoline service station. The site is currently inactive. The building has been demolished and underground storage tanks have been removed. Future land use is projected to remain commercial/industrial. In March 2001, the underground storage tank system, including dispenser islands, product piping, and three 12,000-gallon fiberglass gasoline USTs were removed from the site. Five soil borings/monitor wells were installed during the Divestment Initial Subsurface Investigation (May 2001) to determine conditions of soils and groundwater. In April and December 2002, nine additional soil borings were installed to completely assess the horizontal and vertical extent of impacted soil and groundwater.

Remedial standards were developed for this property using the 2000 LDEQ's RECAP Appendix K Standards. The standards that were applied to this site are listed in the table that appears at the end of this BOD. The initial depth to groundwater measured in the soil borings at the site ranged from 5 to 9 feet bgs. The direction of groundwater flow is approximately due east toward Dawson Creek which is approximately 1,950 feet downgradient from the site. Groundwater at this site is designated as classification 3A.

Soil and groundwater sampling has confirmed that constituents of concern concentrations do not exceed the established site-specific remediation standards, so no remedial action was required. No Further Action At This Time is granted when contamination is confirmed to exist at concentrations that do not exceed the established standards.

In accordance with LAC 33:I. Chapter 13, if land use is going to be changed from industrial to non-industrial, the responsible party shall notify the LDEQ within thirty (30) days and the Exxon Service Station #5-1052 shall be reevaluated to determine if conditions are appropriate for the proposed land use. Future use may dictate additional remedial activities. A conveyance notice has been filed with the East Baton Rouge Parish Clerk of Court noting that the Exxon Service Station #5-1052 was closed under industrial standards.

The last inspection of the site was preformed on June 7, 2005, confirming that no investigation derived waste remains on site. No contaminated soils may be moved from this location without written authorization from the LDEQ unless they are removed and disposed at a permitted disposal facility.

All monitoring wells onsite were properly plugged and abandoned on December 12, 2003.

The impacted soil and groundwater, constituents of concern, maximum concentration remaining on site and limiting RECAP standard established for this site are listed in the following table:

Medium	Constituent of Concern	Maximum Remaining Concentration	Limiting RECAP Standard
Soil	Benzene	8.81 mg/kg	12 mg/kg
Soil	Toluene	158 mg/kg	1600 mg/kg
Soil	Ethylbenzene	56.5 mg/kg	720 mg/kg
Soil	Xylene	215 mg/kg	440 mg/kg
Soil	TPH-GRO (C6-C12)	2940 mg/kg	5667 mg/kg
Soil	Lead	24.2 mg/kg	100 mg/kg
Soil	Arsenic	8.96 mg/kg	9.82 mg/kg (background)
Groundwater	Benzene	2.638 mg/L	4.03 mg/L
Groundwater	Toluene	13.28 mg/L	530 mg/L
Groundwater	Ethylbenzene	1.974 mg/L	170 mg/L
Groundwater	Xylene	6.144 mg/L	10 mg/L
Groundwater	TPH-GRO (C6-C12)	60.7 mg/L	9610 mg/L
Groundwater	Lead	0.036 mg/L	15.5 mg/L

Additional information on the details of the investigation and evaluation of this site may be obtained from LDEQ's Public Records Center located in the Galvez Building, Room 127, 602 N. Fifth Street, Baton Rouge, LA 70802. Additional information regarding the Public Records may be obtained by calling (225) 219-3168 or by emailing publicrecords@la.gov.

Vicki "Riedel" Thibodeaux

From: SPOC <spoc.otrs@la.gov>
Sent: Friday, March 28, 2014 3:46 PM
To: Vicki "Riedel" Thibodeaux
Cc: Alan Karr
Subject: [Incident#1440614] CRO s14-40614 T 154846 UST 8401UnitedPlaza-BR diesel-missing
Attachments: CRO s14-40614 T 154846 UST 8401UnitedPlaza-BR diesel-missing.txt

Remediation Services Division
Manager: Blanchard
Team Leader:
AI #: 79956
TEMPO Task #:
Desk Copy File Room:

Alan Karr copied (called SPOC asking about this 3/26/14)
SPOC
Cindy LaFosse

--
Louisiana Department of Environmental Quality
Single Point Of Contact
Phone: (225) 219-3640
Fax: (225) 219-4044
--
---- Forwarded message from <Elizabeth.Ecker@dps.la.gov> ---

From: <Elizabeth.Ecker@dps.la.gov>
To: <singlepointof.contact@la.gov>, <HSEESStaff@la.gov>, <oil.spill@la.gov>, <seddy@stmartinsheriff.org>, <GOHSEP-HazMatAlerts@LA.GOV>, <lafusion.center@dps.la.gov>, <abmcconnell@nola.gov>, <dnrincidents@la.gov>, <hazmat@nola.gov>, <Lcarver@wlf.la.gov>, <John.Nicholas@dps.la.gov>, <R6_SpillReports@epamail.epa.gov>, <Spiers.Brett@epa.gov>
Subject: LSP Hazardous Material Incident Incident # 14-01345
Date: 2014-03-25 15:26:03

THIS INFORMATION IS FOR EMERGENCY RESPONSE PURPOSES
AND NOT FOR PUBLIC DISTRIBUTION WITHOUT PRIOR STATE POLICE APPROVAL

INCIDENT # 14-01345 SOURCE: STATE POLICE HAZMAT HOTLINE
877-925-6595 / 225-925-6595

RECEIVED
APR 24 2014
LA DEPT OF ENV QUALITY
REMEDIATION SERVICES
FY2014-2860

** (INITIAL REPORT) DATE AND TIME **********
HOTLINE NOTIFIED: 03/25/14 15:17
INCIDENT DISCOVERED: 03/25/14 09:30

** (INITIAL REPORT) INCIDENT LOCATION **********
PARISH: East Baton Rouge
ADDRESS: 8401 United Plaza Blvd
CITY: Baton Rouge

** (INITIAL REPORT) CALLER INFORMATION **********
CALLER'S NAME: Layne Roberts
CALLER'S ADDRESS OR EMPLOYER: Beau Box Property Management
CALLER'S PHONE NUMBER: 225-330-9806

** (INITIAL REPORT) RESPONSIBLE PARTY **********
NAME: Beau Box Property Management
MAILING ADDRESS: 8710 Jefferson Hwy
CITY,STATE,ZIP: Baton Rouge, LA 70809

** (INITIAL REPORT) DETAILS **********
There is an underground storage tank that operates the generator for their facility... It was discovered this morning that 1,700 to 1,800 gallons of diesel was missing... There are no signs of a leak anywhere

near the tank or surrounding areas... They brought in a company (Southern Tank Testers) to perform a test to see if there was a possible leak, and the company determined that the tank would not hold a vacuum- that he could not seal the tank all the way to pressurize... It is possible that the diesel was stolen... No release is suspected since the plant life is still alive and well, knowing that if diesel had affected the area that plant life would be dead...

** (INITIAL REPORT) CHEMICAL INFORMATION **********
CHEMICAL 1: Diesel
QTY: 1,700-1,80gal
RELEASED STATE: Liquid CLASS: Combustible Liqui ID: 1993 EHS: No

** (INITIAL REPORT) RELEASE INFORMATION **********
INCIDENT CLASSIFICATION: Unusual Event
POTENTIAL TO ESCAPE FACILITY? No
DID MATERIAL GO OFFSITE? No
RELEASED TO: No release
ANY OFF-SITE PROTECTIVE ACTION?
No
RELEASE EFFECTS:
FIRE: No
INJURIES: No :
FATALITIES: No :

** (INITIAL REPORT) FIXED SITE **********
Storage Unit

---- End forwarded message ---

TANK EXCAVATION ASSESSMENT REPORT

BEAU BOX PROPERTY MANAGEMENT
THE RETIREMENT SYSTEMS BUILDING PARTNERSHIP
8401 UNITED PLAZA BOULEVARD
BATON ROUGE, LOUISIANA
EAST BATON ROUGE PARISH

INCIDENT ID NO. 154846
FACILITY UST ID NO. 17-017472
LDEQ AGENCY INTEREST NO. 79956

PPM PROJECT NO. 503124

NOVEMBER 2014

Environmental Science and Engineering

PPM CONSULTANTS

STATE OF LOUISIANA
UNDERGROUND STORAGE TANK CLOSURE/ASSESSMENT FORM – PLEASE TYPE

Please complete and return within sixty (60) days after UST system closure or change-in-service

Return to:
LDEQ - UNDERGROUND STORAGE TANK & REMEDIATION DIVISION
Appropriate Regional Office *See attached mailing list or USTRD Submittal information at www.deq.louisiana.gov*
Questions: (225) 219-3181

DEQ Agency Interest Number: 79956
DEQ Facility ID Number: 17-017472

I. OWNERSHIP OF TANKS

IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐
LA. RETIRMENT SYSTEMS BLDG. PART.
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)
8401 UNITED PLAZA BLVD.
MAILING ADDRESS
BATON ROUGE LA 70809
CITY STATE ZIP
EAST BATON ROUGE PARISH
PARISH/COUNTY
(225) 330-9806
TELEPHONE (INCLUDE AREA CODE)
LAYNE ROBERTS
NAME OF CONTACT PERSON

II. LOCATION OF TANKS

IF SAME AS SECTION I, PLEASE CHECK ☒
FACILITY NAME OR COMPANY SITE IDENTIFIER
STREET ADDRESS (P. O. BOX NOT ACCEPTABLE)
CITY STATE ZIP
PARISH
( ) TELEPHONE (INCLUDE AREA CODE)
CONTACT PERSON AT THIS LOCATION

LA Dept. of Environmental Quality UST
FEB 4 2014
RECEIVED

III. TANK INFORMATION (Attach Continuation Sheets If Necessary)

DEQ ASSIGNED TANK NUMBERS	SIZE OF TANKS (GALLONS)	PRODUCT LAST STORED IN TANK	CHOOSE ONE PER TANK 1 = Removed 2 = Closed-in-Place 3 = Change-In-Service 1 4 = Removed & Replaced 2	TANK PROPERLY LABELED? Yes	No	HIGHEST LEL OR OXYGEN READING 3 LEL 4	Oxygen	DATE OF CLOSURE OR CHANGE-IN-SERVICE
53049	2,000	DIESEL	1	☐	☐	0%	18%	4/23/14
				☐	☐			
				☐	☐			
				☐	☐			
				☐	☐			

1 - Indicate the non-regulated substance to be stored in the tank.
2 - A registration form addressing the replacement tank must be completed.
3 - Highest reading recorded just before tank removed from excavation.
4 - Lower Explosive Limit

IV. TANK	V. TANK SLUDGES	VI. TANK WATERS/WASHWATERS
A. Date cleaned: 4/23/14	A. Date disposed/recycled:	A. Date disposed/recycled: 4/23/2014
B. Date disposed/recycled: 4/23/2014	B. Volume removed (cu/yds):	B. Volume removed (gals): 1,000
C. Name of disposal site/recycling site: Clean Fuels Facility	C. Name of disposal site: None Generated	C. Name of disposal/recycling site: Clean Fuels Facility

VII. CONTAMINATED SOIL		VIII. CONTAMINATED GROUNDWATER	
A. Date removed: 4/28/2014	D. Date disposed: 4/28/2014	A. Date removed:	D. Date disposed:
B. Volume of soil removed (cu/yds): 48.06 Tons		B. Volume of groundwater removed (gals):	
C. Name of disposal site: Woodside Land Fill		C. Name of disposal site/recycler: None Generated	

IX. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Layne Roberts — PRINT OR TYPE OWNER'S NAME
[signature] — OWNER'S SIGNATURE
8-25-14 — DATE

Jacob Poirier — PRINT OR TYPE NAME OF CERTIFIED WORKER
[signature] — SIGNATURE OF CERTIFIED UST WORKER
0774 — CERTIFICATE NO.
4-23-14 — DATE

FORMS THAT DO NOT INCLUDE THE OWNER'S AND UST WORKER'S SIGNATURES WILL BE REJECTED.

LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

☐ UST system removed from database; no further action required at this time.
☑ Referred for remediation review.
☑ UST system removed from database; additional information required. DIESEL SPLP & FRACTION ANALYSIS ABOVE RECAP SS. SITE IN REMEDIATION/INVESTIGATION. ASSIGNED INCIDENT # 154846

Signature of LDEQ Representative [signature] Telephone No. 225 219-3440 Date 12/1/14 Supervisor's Initials KSB

PPM CONSULTANTS

Environmental Science and Engineering

7936 Office Park Boulevard • Baton Rouge, LA 70809 • tel 225.293.7270 • fax 225.293.7271 • www.ppmco.com

November 18, 2014

RECEIVED
NOV 24 2014
LA DEPT. OF ENV. QUALITY
REMEDIATION SERVICES DIVISION
LOG # FY2015-1342

Remediation Services Division
Manager: Blanchard
Team Leader: Messina
AI #: 79956
TEMPO Task #:
Desk Copy File Room: UST

Mr. Gary Fulton, Administrator
Louisiana Department of Environmental Quality
Office of Environmental Compliance
Remediation and Underground Storage Tank Division
Post Office Box 4312
Baton Rouge, Louisiana 70821-4312

Re: Tank Excavation Assessment Report
Beau Box Property Management
The Retirement Systems Building Partnership
8401 United Plaza Boulevard
Baton Rouge, Louisiana
East Baton Rouge Parish
Incident ID No. 154846
Facility UST ID No. 17-017472
LDEQ Agency Interest No. 79956
PPM Project No. 503124

TRANSMITTAL LETTER

Dear Mr. Fulton:

Enclosed please find three copies of the Tank Excavation Assessment Report prepared by PPM Consultants, Inc. for the above-referenced site.

If you have any questions or need any additional information, please do not hesitate to contact me at (225) 293-7270.

Sincerely,

Peter T. Smith, PG, CHMM
Senior Project Director

Enclosures

cc: Mr. Layne Roberts, Beau Box Property Management

TANK EXCAVATION ASSESSMENT REPORT

BEAU BOX PROPERTY MANAGEMENT
THE RETIREMENT SYSTEMS BUILDING PARTNERSHIP
8401 UNITED PLAZA BOULEVARD
BATON ROUGE, LOUISIANA
EAST BATON ROUGE PARISH

INCIDENT ID NO. 154846
FACILITY UST ID NO. 17-017472
LDEQ AGENCY INTEREST NO. 79956

PPM PROJECT NO. 503124

NOVEMBER 2014

TANK EXCAVATION ASSESSMENT REPORT

AT

THE RETIREMENT SYSTEMS BUILDING PARTNERSHIP
8401 UNITED PLAZA BOULEVARD
BATON ROUGE, LOUISIANA
EAST BATON ROUGE PARISH

INCIDENT ID NO. 154846
FACILITY UST ID NO. 17-017472
LDEQ AGENCY INTEREST NO. 79956

PREPARED FOR:

BEAU BOX PROPERTY MANAGEMENT
POST OFFICE BOX 66865
BATON ROUGE, LOUISIANA 70896
MR. LAYNE ROBERTS
(225) 237-3343

PPM PROJECT NO. 503124

NOVEMBER 2014

PREPARED BY:

JASON BEAUVAIS
ENVIRONMENTAL SPECIALIST IV

REVIEWED BY:

PETER T. SMITH, PG, CHMM
SENIOR PROJECT DIRECTOR

PPM CONSULTANTS, INC.
7936 OFFICE PARK BOULEVARD, SUITE A
BATON ROUGE, LOUISIANA 70809
(225) 293-7270

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1.0 INTRODUCTION

PPM Consultants, Inc. (PPM) herein submits this report documenting the removal of one underground storage tank (UST) at The Retirement Systems Building Partnership facility located at 8401 United Plaza Boulevard in Baton Rouge, East Baton Rouge Parish, Louisiana. The location of the former UST, soil samples, and other pertinent site features are presented on **Figure 1, Site Map with Soil Boring Well Locations**, in **Appendix A, Figure**.

Southern Tank Testers, Inc. (STT) of Breaux Bridge, Louisiana removed one 2,000-gallon diesel UST from the site on April 23, 2014. Oversight and documentation of the removal activities were provided by STT (Jacob Poirier) and PPM (Adrian Bain). Compliance sampling was provided by STT (Certification No. 0774). A State of Louisiana Notification of Intent to Perform a Closure or Change-In-Service to an Underground Storage Tank System form was submitted by Layne Roberts to the Louisiana Department of Environmental Quality (LDEQ) on April 17, 2014, and is provided in **Appendix B, State of Louisiana, Notification of Intent to Perform a Closure or Change-In-Service to an Underground Storage Tank System Form**.

2.0 UST EXCAVATION PROCESS

STT utilized an excavator to remove soil backfill from the ground surface to the top of the UST (approximately two feet below grade) and along the sides of the UST on April 23, 2014. Excavated soil was temporarily stockpiled adjacent to the tank hold for possible re-use as backfill. Prior to exposing the tank, the fill ports were opened, and the tank was purged of residual fluids. The tank was then cleaned and degassed utilizing a vacuum truck operated by Clean Fuels. Dry ice was added to the tank for the purpose of reducing the oxygen levels. An oxygen reading of zero percent (0%) was measured in the tank. A chain was then attached to the UST which the excavator used to lift the tank from the tank hold.

3.0 UST FLUIDS REMOVAL AND DISPOSAL

Approximately 1,000 gallons of residual fluids and wash water were removed from the UST by Clean Fuels and transported off-site to their facility in Belle Chase, Louisiana. A copy of Clean Fuel's service order for the waste fluids removed from the UST at the site is presented in **Appendix C, Waste Fluids Transportation and Disposal Manifest**.

4.0 UST CONDITION AND DISPOSAL

Following removal of the UST, the tank was visually inspected and found to be in poor condition. Following inspection, the tank was crushed and placed in a roll-off container, pending proper disposal. The UST was then transported off-site by Gator Environmental to the Woodside Landfill located at 29340 Woodside Drive in Walker, Louisiana, for disposal/recycling. Copies of the Non-Hazardous Waste Manifests are presented in **Appendix D, Non-Hazardous Wastes Manifests**. The UST closure / assessment form is provided in **Appendix E, State of Louisiana, Underground Storage Tank Closure / Assessment Form**.

5.0 SOIL SAMPLE COLLECTION AND ANALYSES

Following removal of the UST system, soil samples were collected from the tank hold and backfill, and analyzed in accordance with the UST closure guidelines specified in the LDEQ UST Closure / Change-In-Service Guidance Document, October 20, 2003.

Soil samples BF-1 and BF-2 were collected beneath each end of the UST at a depth of approximately 10 feet below ground surface (BGS) and soil samples T-1 and T-2 were collected beneath each end of the UST in native soil at approximately 12 feet BGS on April 23, 2014.

Soil samples BF-1 and T-1 were placed in laboratory-supplied containers, stored on ice, and transported to Accutest Laboratories (Accutest) of Scott, Louisiana for analysis for Total Petroleum Hydrocarbons - Diesel (TPH-D) and Polycyclic Aromatic Hydrocarbons (PAHs). The soil sample analytical laboratory results are depicted on **Figure 1, Site Map with Soil Boring Well Locations**, in **Appendix A**, and presented in **Table 1, Soil Analytical Laboratory Summary,** in **Appendix F, Table**. The analytical laboratory report and chain-of-custody document are included in **Appendix G, Soil Sample Analytical Laboratory Reports and Chain-of-Custody Documents**.

6.0 SOIL EXCAVATION

Approximately 70 tons of soil backfill were excavated from the UST hold, placed in lined roll-off boxes, and transported off-site by Gator Environmental to the Woodside Landfill in Walker, Louisiana, for disposal. Copies of the Non-Hazardous Waste Manifests are presented in **Appendix D, Non-Hazardous Wastes Manifests**.

7.0 FINDINGS AND CONCLUSIONS

One (1) 2,000-gallon diesel UST was removed from 8401 United Plaza Boulevard in Baton Rouge, East Baton Rouge Parish, Louisiana on April 23, 2014.

Soil samples BF-1 and BF-2 were collected beneath each end of the UST at a depth of approximately 10 feet BGS and soil samples T-1 and T-2 were collected beneath each end of the UST in native soil at approximately 12 feet BGS on April 23, 2014. Soil samples BF-1 and T-1 were submitted to Accutest and analyzed for TPH-D by Environmental Protection Agency (EPA) Method 8015B and PAHs by EPA Method 8270B.

The soil sample analytical laboratory data indicated TPH-D and 2-methylnaphthalene in soil samples BF-1 and T-1 exceeded their respective UST Screening Standards (SS) and naphthalene in soil sample BF-1 exceeded its UST SS. Soil sample BF-1 was further analyzed for 2-methylnaphthalene and naphthalene using the Synthetic Precipitation Leaching Procedure (SPLP) and aliphatics / aromatics in the appropriate carbon ranges by the Massachusetts Department of Environmental Protection (MADEP) Extractable Petroleum Hydrocarbons (EPH) Method. The analytical laboratory results indicated that SPLP 2-methylnaphthalene, aliphatics $>C_{12}$-C_{16}, aromatics $>C_{12}$-C_{16}, aromatics $>C_{16}$-C_{21} were above their respective SS.

Approximately 70 tons of soil backfill was excavated from the UST hold, placed in lined roll-off boxes, and transported off-site by Gator Environmental to the Woodside Landfill in Walker, Louisiana, for disposal.

APPENDICES

APPENDIX A – FIGURE

BF-1	04/23/14
TPH-D (ppm)	12,000
ALIPHATICS >C10-C12 (ppm)	30
ALIPHATICS >C12-C16 (ppm)	1,100
ALIPHATICS >C16-C35 (ppm)	1,500
AROMATICS >C10-C12 (ppm)	6.8
AROMATICS >C12-C16 (ppm)	270
AROMATICS >C16-C21 (ppm)	550
AROMATICS >C21-C35 (ppm)	91
ACENAPHTHENE (ppm)	<0.033
ACENAPHTHYLENE (ppm)	<0.033
ANTHRACENE (ppm)	<0.033
BENZO(A)ANTHRACENE (ppm)	<0.033
BENZO(A)PYRENE (ppm)	<0.033
BENZO(B)FLUORANTHENE (ppm)	<0.033
BENZO(K)FLUORANTHENE (ppm)	<0.033
CHRYSENE (ppm)	<0.033
DIBENZ(A,H)ANTHRACENE (ppm)	<0.033
FLUORANTHENE (ppm)	<0.033
FLUORENE (ppm)	3.7
INDENO(1,2,3-CD)PYRENE (ppm)	<0.033
2-METHYLNAPHTHALENE (ppm)	37
SPLP 2-METHYLNAPHTHALENE (ppm)	0.26
NAPHTHALENE (ppm)	6.7
SPLP NAPHTHALENE (ppm)	<0.025
PHENANTHRENE (ppm)	9.8
PYRENE (ppm)	1.8

T-1	04/23/14
TPH-D (ppm)	440
ACENAPHTHENE (ppm)	<0.033
ACENAPHTHYLENE (ppm)	<0.033
ANTHRACENE (ppm)	<0.033
BENZO(A)ANTHRACENE (ppm)	<0.033
BENZO(A)PYRENE (ppm)	<0.033
BENZO(B)FLUORANTHENE (ppm)	<0.033
BENZO(K)FLUORANTHENE (ppm)	<0.033
CHRYSENE (ppm)	<0.033
DIBENZ(A,H)ANTHRACENE (ppm)	<0.033
FLUORANTHENE (ppm)	0.07
FLUORENE (ppm)	0.42
INDENO(1,2,3-CD)PYRENE (ppm)	<0.033
2-METHYLNAPHTHALENE (ppm)	3.9
NAPHTHALENE (ppm)	0.5
PHENANTHRENE (ppm)	1.2
PYRENE (ppm)	0.22

LEGEND:

- SAMPLE LOCATION
- SOIL BORING LOCATION
- 3.9 RED TEXT INDICATES CONCENTRATION EXCEEDS THE RECAP SCREENING STANDARD

PPM CONSULTANTS, INC.
www.ppmco.com

DRAWN BY:	DRAWN DATE:
JCP	08/20/14
PROJECT NUMBER:	BILLING GROUP:
503124	USTCL

BEAU BOX INVESTMENTS, LLC
THE RETIREMENT SYSTEMS BUILDING PARTNERSHIP
8401 UNITED PLAZA BOULEVARD
BATON ROUGE, LOUISIANA

SITE MAP WITH SOIL BORING WELL LOCATIONS

FIGURE NUMBER
1

Z:\Beau Box Investments, LLC\503124 - La Retirement Systems Building Partnership\ustcl\503124-USTCL.dwg, 1 Site Map, 8/21/2014 8:21:05 AM, jay prickett

APPENDIX B – STATE OF LOUISIANA, NOTIFICATION OF INTENT TO PERFORM A CLOSURE OR CHANGE-IN-SERVICE TO AN UNDERGROUND STORAGE TANK SYSTEM FORM

STATE OF LOUISIANA

NOTIFICATION OF INTENT TO PERFORM A CLOSURE OR CHANGE-IN-SERVICE TO AN UNDERGROUND STORAGE TANK SYSTEM

Please complete and return thirty (30) days prior to permanent UST system closure or change-in-service.

Return: LDEQ- UNDERGROUND STORAGE TANK & REMEDIATION DIVISION
Appropriate Regional Office
See attached mailing list or USTRD
Submittal info @ www.deq.louisiana.gov Questions: (225) 219-3181

DEQ Facility Number 17-017472

DEQ AI Number 79956 79956

I. OWNERSHIP OF TANKS

IF OWNER'S ADDRESS CHANGED, PLEASE CHECK ☐

LA RETIREMENT SYSTEMS BLDG PARTNERSHIP
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)

8401 UNITED PLAZA BLVD.
MAILING ADDRESS

BATON ROUGE LA 70809
CITY STATE ZIP

EAST BATON ROUGE
PARISH/COUNTY

(225) 925-1825
TELEPHONE (INCLUDE AREA CODE)

LANE ROBERTS
NAME OF CONTACT

II. LOCATION OF TANKS

IF SAME AS SECTION I. PLEASE CHECK ☒

FACILITY NAME OR COMPANY SITE IDENTIFIER

STREET ADDRESS (P. O. BOX NOT ACCEPTABLE)

CITY STATE ZIP

PARISH

( )
TELEPHONE (INCLUDE AREA CODE)

CONTACT PERSON AT THIS LOCATION

RECEIVED
APR 17 2014
LA Dept. of Environmental Quality
UST

III. TANK INFORMATION

DATE SCHEDULED FOR CLOSURE/REMOVAL OR CHANGE-IN-SERVICE 4/23/2014

DEQ ASSIGNED TANK NUMBERS	SIZE OF TANK (GALLONS)	PRODUCT LAST STORED IN TANK	DEQ ASSIGNED TANK NUMBERS	SIZE OF TANK (GALLONS)	PRODUCT LAST STORED IN TANK
53045 53049	2,000	DIESEL			

ATTACH CONTINUATION SHEETS IF NECESSARY

IV. TANK CLOSURE INFORMATION

A. If the tank(s) are to be closed in place, indicate cleaning method and the type of fill material to be used:

B. Name of UST Certified Worker JACOB POIRIER Certificate No. IRC #0774

C. Name of Contracting Company STT SERVICES, LLC

D. Name of laboratory to conduct sample analysis ESC

FORMS THAT INCLUDE "TO BE DETERMINED" OR "UNKNOWN" AS A RESPONSE WILL BE REJECTED

V. CERTIFICATION

I certify that the above information is correct to the best of my knowledge and that the appropriate UST Regional Office will be contacted seven days prior to performing the UST system closure or change-in-service. I agree if closure or change-in-service of the UST system does not begin within 90 days after DEQ's approval, that this form becomes invalid. I also agree to submit the following information within 60 days after closure/change-in-service of the UST system:

(1) the 'UST Closure/Assessment Form' (UST-SURV-02);
(2) two copies of a site drawing to include the information required by the "Underground Storage Tank Closure/Change-in-Service Assessment Guidelines";
(3) two copies of analytical results with chain-of-custody documents; and
(4) two copies of all manifests, bills of lading or receipts for the disposition of tank(s), tank contents, soil and waters.

LANE ROBERTS
PRINT OR TYPE OWNER'S NAME

OWNER'S SIGNATURE

4-17-14
DATE

FORMS THAT DO NOT INCLUDE THE OWNER'S SIGNATURE WILL BE REJECTED

LDEQ RESPONSE - DO NOT WRITE BELOW THIS LINE

☑ DEQ AI No. 79956
☑ Approved for the indicated activity
☐ Rejected for the following reason.
- ☐ DEQ records indicate that the contractor you have selected is not a UST worker certified by DEQ for closure. You must select, from the enclosed list, a contractor that is a certified UST worker.
- ☐ DEQ records indicate that the UST system has not been registered. You must complete the attached registration form and return it to this office IMMEDIATELY
- ☐ _____

☐ The noted highlighted section(s) of this form must be completed in order for LDEQ to process
☐ This form has not been signed by the owner. Please resubmit with the required signature.

Signature of LDEQ Representative _____ Telephone No. (225) 219-3440 Date 4/17/14

UST-SURV-01

**** INCOMPLETE FORMS MAY BE REJECTED ****

Revised 12/10

APPENDIX C – WASTE FLUIDS TRANSPORTATION AND DISPOSAL MANIFEST

FIELD OPERATING REPORT AND MANIFEST

EPA# LAR000072280

Clean Fuels

Emergency Contact: Lee Parrish 504-912-8602 – 800-453-8265
Emergency Response Team: Oil Mop, LLC 800-645-6671

Operator: Paul M. Hebert III Job# or PO#: _____ Date: 4-23-14 Assistant: Dwayne Johnson

Product on truck from job site:

NA 1993 Diesel Fuel, 3, III	_____(gal)
UN 1203 Gasoline, 3, II	_____(gal)
Contaminated Water	400+ 600 (gal)
Lube Oil	_____(gal)
Solid Waste/Sludge	_____(gal)
Other: _____	_____(gal)

Truck# 16 Mileage start 32,377
Trailer#_____ Mileage end 32,464

Customer: Southern Tank Testers
[ ] Commercial [ ] Residential [ ] Marine
Contact: _____
Phone: _____
Site Name: United Plaza
Address: 8401 United Plaza Blvd. Westminister, LA 70809
Billing: _____

Arrival Time: 12:00 Departure Time: 2:15

Tank #	Size/ Contents		Fuel Depth	Gallons	Water Depth	Gallons	Sludge Depth	Gallons	After Sample	Biocide/ Stabilizer Gal Treated	Filter Flush/ Pump off/ or Transfer
1		Before									
		After									
2		Before									
		After									
3		Before									
		After									
4		Before									
		After									

*If your equipment or station pumps are operating during our service, you will need to check your own records to verify fuel quantities.
Clean Fuels is not responsible for fuel level discrepancies when customer equipment is being operated during filtration.

Operator Comments: Impingment cleaning of 2K tank.

Quoted Price: $_____ (Customer initials):_____

I am the owner or an authorized representative responsible for the tanks listed above. I have inspected the tanks and I am satisfied with the work that has been completed. I further acknowledge that the fuel levels and amounts listed are correct. I understand the 30 day guarantee and will call Clean Fuels if I experience any problems in that time. I certify that, to my knowledge, the material removed is not hazardous waste, does not contain PCB's and has not be mixed with any listed hazardous waste.

Signature: _____ Print: Jacob Poirier Title: _____ Date: 4-23-14

Off-Load Information:
Released/Transferred to: _____ (COMPANY NAME) Address of transfer: _____
Company Representative: _____
Contact # (_____)_____-_____ EPA ID# (as needed): _____

I certify that this material is not a hazardous waste. I further certify that the material does not contain PCBs, has not been mixed with any listed hazardous waste, is not ignitable and does not contain more than 1,000 parts per million halogens. I understand my business will be responsible for any and all costs of proper disposal, testing and transportation if this material contains PCBs or is determined to be a hazardous waste. I further Certify that the material in this shipment is exempt from 49 CFR 279 IAW part (g)6.

Carrier Driver: _____ Print: _____

I am the owner or authorized representative of the transfer site named above. I have received the contaminated materials listed. I certify that the person(s) responsible for this site is/are authorized under, or exempt from, Title 40 CFR to transfer, store or properly dispose of the hazardous material I have received.

Signature _____ Title _____ Print: _____ Date _____

APPENDIX D – NON-HAZARDOUS WASTE MANIFESTS

BEST COPY

NEXT 3 PAGES

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of	
3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number	WMNA 00409993
4. Generator's Phone		B. State Generator's ID	
5. Transporter 1 Company Name	6. US EPA ID Number LNR000068940	C. State Transporter's ID	
		D. Transporter's Phone	
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID	
		F. Transporter's Phone	
9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID	
		H. State Facility Phone	

GENERATOR

11. Description of Waste Materials	12. Containers No	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. WM Profile #					
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number	
		WMNA	00409998
		B. State Generator's ID	
4. Generator's Phone			

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
		H. State Facility Phone

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. WM Profile #					
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Joseph Calentine	Joseph Calentine	4	30	14

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. / Manifest Doc No.	2. Page 1 of	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number: WMNA 00410044
4. Generator's Phone		B. State Generator's ID
5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID / D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID / F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID / H. State Facility Phone

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. WM Profile #					
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location: Cell / Level / Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Byron Boylston	Byron Boylston	4	30	14

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY

APPENDIX E – STATE OF LOUISIANA, UNDERGROUND STORAGE TANK CLOSURE / ASSESSMENT FORM

APPENDIX F – TABLE

TABLE 1

SOIL ANALYTICAL LABORATORY SUMMARY
THE RETIREMENT SYSTEMS BUILDING PARTNERSHIP
8401 UNITED PLAZA BOULEVARD
BATON ROUGE, LOUISIANA

Boring ID	Top Interval (ft)	Bottom Interval (ft)	Sample Date	Code	TPH-D	Code	Aliphatics >C10-C12	Code	Aliphatics >C12-C16	Code	Aliphatics >C16-C35	Code	Aromatics >C10-C12	Code	Aromatics >C12-C16	Code	Aromatics >C16-C21
T-1	NA	NA	04/23/14		440		NA		NA		NA		NA		NA		NA
BF-1	NA	NA	04/23/14		12,000		30		1,100		1,500		6.8		270		550
Minimum Concentration					440		30		1,100		1,500		6.8		270		550
Maximum Concentration					12,000		30		1,100		1,500		6.8		270		550
Screening Standards					65		230		370		7,100		100		180		150

Boring ID	Top Interval (ft)	Bottom Interval (ft)	Sample Date	Code	Aromatics >C21-C35	Code	Acenaphthene	Code	Acenaphthylene	Code	Anthracene	Code	Benzo(a)anthracene	Code	Benzo(a)pyrene	Code	Benzo(b)fluoranthene
T-1	NA	NA	04/23/14		NA	<	0.033	<	0.033	<	0.033	<	0.033	<	0.033	<	0.033
BF-1	NA	NA	04/23/14		91	<	0.033	<	0.033	<	0.033	<	0.033	<	0.033	<	0.033
Minimum Concentration					91	<	0.033	<	0.033	<	0.033	<	0.033	<	0.033	<	0.033
Maximum Concentration					91	<	0.033	<	0.033	<	0.033	<	0.033	<	0.033	<	0.033
Screening Standards					180		220		88		120		0.62		0.33		0.62

Boring ID	Top Interval (ft)	Bottom Interval (ft)	Sample Date	Code	Benzo(k)fluoranthene	Code	Chrysene	Code	Dibenz(a,h)anthracene	Code	Fluoranthene	Code	Fluorene	Code	Indeno(1,2,3-cd)pyrene	Code	Methylnaphthalene,2-
T-1	NA	NA	04/23/14	<	0.033	<	0.033	<	0.033		0.07		0.42	<	0.033		3.9
BF-1	NA	NA	04/23/14	<	0.033	<	0.033	<	0.033	<	0.033		3.7	<	0.033		37
Minimum Concentration				<	0.033	<	0.033	<	0.033	<	0.033		0.42	<	0.033		3.9
Maximum Concentration				<	0.033	<	0.033	<	0.033		0.07		3.7	<	0.033		37
Screening Standards					6.2		62		0.33		220		230		0.62		1.7

Boring ID	Top Interval (ft)	Bottom Interval (ft)	Sample Date	Code	SPLP Methylnaphthalene,2-	Code	Naphthalene	Code	SPLP Naphthalene	Code	Phenanthrene	Code	Pyrene
T-1	NA	NA	04/23/14		NA		0.5		NA		1.2		0.22
BF-1	NA	NA	04/23/14		0.26		6.7	<	0.025		9.8		1.8
Minimum Concentration					0.26		0.5	<	0.025		1.2		0.22
Maximum Concentration					0.26		6.7	<	0.025		9.8		1.8
Screening Standards					0.12		1.5		0.2		660		230

Notes:

Bold RED type indicates concentration exceeds the RECAP Screening Standard.
Bold BLUE type indicates highest concentration for each COC.

ND - Not Detected
NA - Not Analyzed for Parameter
All concentrations are in parts per million (ppm)

J - Indicates data are estimated by laboratory
U - Indicates that the data are considered to be undetected at the elevated detection limit due to blank contamination; data are usable as undetected values
B - Indicates blank contamination exceeding MDL

APPENDIX G – SOIL SAMPLE ANALYTICAL LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Case Narrative for:

PPM CONSULTANTS, INC.

Certificate of Analysis Number:

L0042235

Report To:		Project Name:	503124-USTCL
PPM CONSULTANTS, INC.		Site:	LA RETIREMENT SYSTEMS
JASON BEAUVAIS		Site Address:	
7936 OFFICE PARK BLVD STE. A			
BATON ROUGE		PO Number:	
LA		State:	Louisiana
70809-		State Cert. No.:	02048
ph: (225) 293-7270	fax: (225) 293-7271	Date Reported:	5/12/2014

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data for those samples spiked by the laboratory and may be applicable to other samples of similar matrix from the site. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group.

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process. If insufficient sample is supplied for MS/MSD, a Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) are reported with the analytical batch and serve as the batch quality control (QC).

Results are reported on a Wet Weight Basis unless otherwise noted in the sample unit field as -dry.

This report may contain data results from tests performed in the field by non-laboratory personnel. Such data will be indicated within the report using the method code, FIELD, and analyst initials of FT indicating results obtained by a field technician.

The collection of samples using encores, terracores or other field collection devices may result in inconsistent initial sample weights for the parent sample and MS/MSD samples.

The MS/MSD recovery and precision data are calculated based on detected spike concentrations that are adjusted for initial sample weights. As a result of the variability between initial sample weights, the calculated RPD may have increased bias.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

Accutest Gulf Coast is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs. Prep Comments for PR3510_SPLP_8270, Sample L0042235-02A: The preparation hold time was exceeded by 8 days for preparation code PR3510_SPLP_8270. Prep Comments for PR3510_SPLP_8270, Sample L0042235-02A: The preparation hold time was exceeded by 8 days for preparation code PR3510_SPLP_8270. Prep Comments for PR3510_SPLP_8270, Sample L0042235-02A: The preparation hold time was exceeded by 8 days for preparation code PR3510_SPLP_8270.

Rebecca Hebert — 5/12/2014

Rebecca Hebert
Project Manager

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

Version 2.1 - Modified February 11, 2011

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

PPM CONSULTANTS, INC.

Certificate of Analysis Number:

L0042235

Report To: PPM CONSULTANTS, INC.
JASON BEAUVAIS
7936 OFFICE PARK BLVD STE. A

BATON ROUGE
LA
70809-
ph: (225) 293-7270 fax: (225) 293-7271

Fax To:

Project Name: 503124-USTCL
Site: LA RETIREMENT SYSTEMS
Site Address:

PO Number:
State: Louisiana
State Cert. No.: 02048
Date Reported: 5/12/2014

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
-1	L0042235-01	Soil	04/23/2014 16:15	4/24/2014 3:30:00 PM		☐
DF-1	L0042235-02	Soil	04/23/2014 16:10	4/24/2014 3:30:00 PM		☐
COMP	L0042235-03	Soil	04/24/2014 9:30	4/24/2014 3:30:00 PM		☐

Rebecca Hebert
Project Manager

5/12/2014
Date

Ron Benjamin
Laboratory Director

Karen Rodrigue-Varnado
Quality Assurance Officer

Date: Monday, May 12, 2014

*****CHRONOLOGY REPORT*****

Workorder	Sample_ID	Matrix	Collected	Received	Analyzed	Test Name	Method
L0042235	L0042235-01A	Soil	4/23/2014 4:10:00 PM	4/24/2014 3:30:00 PM			
					4/25/2014 8:24:00 PM	RECAP PAH by EPA 8270D	SW8270D
					4/25/2014 8:50:00 PM	RECAP PAH by EPA 8270D	SW8270D
					4/25/2014 9:16:00 PM	RECAP PAH by EPA 8270D	SW8270D
					4/26/2014 12:27:00 AM	RECAP Diesel Range Organics by Method 8015C	SW8015C
					4/26/2014 12:46:00 AM	RECAP Diesel Range Organics by Method 8015C	SW8015C
					4/26/2014 1:22:00 AM	RECAP Diesel Range Organics by Method 8015C	SW8015C
					4/26/2014 10:43:00 AM	RECAP PAH by EPA 8270D	SW8270D
					5/5/2014 7:45:30 PM	Extractable Petroleum Hydrocarbons- RECAP	MA_VPH_EPH
					5/8/2014 6:55:00 PM	SPLP Semivolatile Organics by EPA 8270D	SW8270D

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Date: Monday, May 12, 2014

*****SUMMARY REPORT*****

Company: PPM CONSULTANTS, INC. **Project:** 503124-USTCL

Site: LA RETIREMENT SYSTEMS

Workorder	Matrix	Client ID	Collected	Compound	Result	Det Limit	Method
L0042235-01A	Soil	T-1	4/23/2014 4:15:00 PM	Diesel Range Organics (C10-C28)	440	5 mg/Kg	SW8015C
				2-Methylnaphthalene	3.9	0.033 mg/Kg	SW8270D
				Acenaphthene	ND	0.033 mg/Kg	SW8270D
				Acenaphthylene	ND	0.033 mg/Kg	SW8270D
				Anthracene	ND	0.033 mg/Kg	SW8270D
				Benz(a)anthracene	ND	0.033 mg/Kg	SW8270D
				Benzo(a)pyrene	ND	0.033 mg/Kg	SW8270D
				Benzo(b)fluoranthene	ND	0.033 mg/Kg	SW8270D
				Benzo(k)fluoranthene	ND	0.033 mg/Kg	SW8270D
				Chrysene	ND	0.033 mg/Kg	SW8270D
				Dibenz(a,h)anthracene	ND	0.033 mg/Kg	SW8270D
				Fluoranthene	0.07	0.033 mg/Kg	SW8270D
				Fluorene	0.42	0.033 mg/Kg	SW8270D
				Indeno(1,2,3-cd)pyrene	ND	0.033 mg/Kg	SW8270D
				Naphthalene	0.5	0.033 mg/Kg	SW8270D
				Phenanthrene	1.2	0.033 mg/Kg	SW8270D
				Pyrene	0.22	0.033 mg/Kg	SW8270D

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

ACCUTEST LABORATORIES

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Date: Monday, May 12, 2014

*****SUMMARY REPORT*****

Company: PPM CONSULTANTS, INC. **Project:** 503124-USTCL

Site: LA RETIREMENT SYSTEMS

Workorder	Matrix	Client ID	Collected	Compound	Result	Det Limit	Method
L0042235-02A	Soil	BF-1	4/23/2014 4:10:00 PM	C10-C12 Aliphatics	30	1.7 mg/Kg	MA_VPH_EPH
				C10-C12 Aromatics	6.8	1.7 mg/Kg	MA_VPH_EPH
				C12-C16 Aliphatics	1100	3.3 mg/Kg	MA_VPH_EPH
				C12-C16 Aromatics	270	5 mg/Kg	MA_VPH_EPH
				C16-C21 Aromatics	550	8.3 mg/Kg	MA_VPH_EPH
				C16-C35 Aliphatics	1500	10 mg/Kg	MA_VPH_EPH
				C21-C35 Aromatics	91	10 mg/Kg	MA_VPH_EPH
				Diesel Range Organics (C10-C28)	12000	100 mg/Kg	SW8015C
				2-Methylnaphthalene	0.26	0.025 mg/L	SW8270D
				2-Methylnaphthalene	37	0.65 mg/Kg	SW8270D
				Acenaphthene	ND	0.033 mg/Kg	SW8270D
				Acenaphthylene	ND	0.033 mg/Kg	SW8270D
				Anthracene	ND	0.033 mg/Kg	SW8270D
				Benz(a)anthracene	ND	0.033 mg/Kg	SW8270D
				Benzo(a)pyrene	ND	0.033 mg/Kg	SW8270D
				Benzo(b)fluoranthene	ND	0.033 mg/Kg	SW8270D
				Benzo(k)fluoranthene	ND	0.033 mg/Kg	SW8270D
				Chrysene	ND	0.033 mg/Kg	SW8270D
				Dibenz(a,h)anthracene	ND	0.033 mg/Kg	SW8270D
				Fluoranthene	ND	0.033 mg/Kg	SW8270D
				Fluorene	3.7	0.033 mg/Kg	SW8270D
				Indeno(1,2,3-cd)pyrene	ND	0.033 mg/Kg	SW8270D
				Naphthalene	6.7	0.65 mg/Kg	SW8270D
				Naphthalene	ND	0.025 mg/L	SW8270D
				Phenanthrene	9.8	0.65 mg/Kg	SW8270D
				Pyrene	1.8	0.033 mg/Kg	SW8270D

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

ACCUTEST LABORATORIES

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Date: Monday, May 12, 2014

*******SUMMARY REPORT*******

Company: PPM CONSULTANTS, INC. **Project:** 503124-USTCL
Site: LA RETIREMENT SYSTEMS

Workorder	Matrix	Client ID	Collected	Compound	Result	Det Limit	Method
L0042235-03A	Soil	COMP	4/24/2014 9:30:00 AM	Diesel Range Organics (C10-C28)	33	5 mg/Kg	SW8015C
				2-Methylnaphthalene	0.065	0.033 mg/Kg	SW8270D
				Acenaphthene	ND	0.033 mg/Kg	SW8270D
				Acenaphthylene	ND	0.033 mg/Kg	SW8270D
				Anthracene	ND	0.033 mg/Kg	SW8270D
				Benz(a)anthracene	ND	0.033 mg/Kg	SW8270D
				Benzo(a)pyrene	ND	0.033 mg/Kg	SW8270D
				Benzo(b)fluoranthene	ND	0.033 mg/Kg	SW8270D
				Benzo(k)fluoranthene	ND	0.033 mg/Kg	SW8270D
				Chrysene	ND	0.033 mg/Kg	SW8270D
				Dibenz(a,h)anthracene	ND	0.033 mg/Kg	SW8270D
				Fluoranthene	ND	0.033 mg/Kg	SW8270D
				Fluorene	ND	0.033 mg/Kg	SW8270D
				Indeno(1,2,3-cd)pyrene	ND	0.033 mg/Kg	SW8270D
				Naphthalene	ND	0.033 mg/Kg	SW8270D
				Phenanthrene	0.041	0.033 mg/Kg	SW8270D
				Pyrene	ND	0.033 mg/Kg	SW8270D

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

ACCUTEST LABORATORIES

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: T-1 **Collected:** 04/23/2014 16:15 **Lab Sample ID:** L0042235-01

Site: LA RETIREMENT SYSTEMS

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
RECAP DIESEL RANGE ORGANICS BY METHOD 8015C				**MCL**	**SW8015C**	**Units: mg/Kg**		
Diesel Range Organics (C10-C28)	**440**	**>MCL**	**5**	**65**	**1**	**04/26/14 0:27**	**DF**	**5511540**
Surr: o-Terphenyl	86.3		% 38-135		1	04/26/14 0:27	DF	5511540

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	04/25/2014 14:37	CT	1.00

RECAP PAH BY EPA 8270D				MCL	SW8270D	Units: mg/Kg		
2-Methylnaphthalene	**3.9**	**>MCL**	**0.033**	**1.7**	**1**	**04/25/14 20:24**	**IHK**	**5511072**
Acenaphthene	ND		0.033	220	1	04/25/14 20:24	IHK	5511072
Acenaphthylene	ND		0.033	88	1	04/25/14 20:24	IHK	5511072
Anthracene	ND		0.033	120	1	04/25/14 20:24	IHK	5511072
Benz(a)anthracene	ND		0.033	0.62	1	04/25/14 20:24	IHK	5511072
Benzo(a)pyrene	ND		0.033	0.33	1	04/25/14 20:24	IHK	5511072
Benzo(b)fluoranthene	ND		0.033	0.62	1	04/25/14 20:24	IHK	5511072
Benzo(k)fluoranthene	ND		0.033	6.2	1	04/25/14 20:24	IHK	5511072
Chrysene	ND		0.033	62	1	04/25/14 20:24	IHK	5511072
Dibenz(a,h)anthracene	ND		0.033	0.33	1	04/25/14 20:24	IHK	5511072
Fluoranthene	0.07		0.033	220	1	04/25/14 20:24	IHK	5511072
Fluorene	0.42		0.033	230	1	04/25/14 20:24	IHK	5511072
Indeno(1,2,3-cd)pyrene	ND		0.033	0.62	1	04/25/14 20:24	IHK	5511072
Naphthalene	0.5		0.033	1.5	1	04/25/14 20:24	IHK	5511072
Phenanthrene	1.2		0.033	660	1	04/25/14 20:24	IHK	5511072
Pyrene	0.22		0.033	230	1	04/25/14 20:24	IHK	5511072
Surr: 2-Fluorobiphenyl	67.0		% 43-128		1	04/25/14 20:24	IHK	5511072
Surr: 4-Terphenyl-d14	81.1		% 51-136		1	04/25/14 20:24	IHK	5511072
Surr: Nitrobenzene-d5	70.2		% 47-134		1	04/25/14 20:24	IHK	5511072

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	04/25/2014 17:08	CT	0.98

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

5/12/2014 8:02:45 AM

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: BF-1 **Collected:** 04/23/2014 16:10 **Lab Sample ID:** L0042235-02

Site: LA RETIREMENT SYSTEMS

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
EXTRACTABLE PETROLEUM HYDROCARBONS- RECAP				**MCL**	**MA_VPH_EPH**	**Units: mg/Kg**		
C10-C12 Aliphatics	30		1.7	230	1	05/05/14 19:45	E_G	5528069
C10-C12 Aromatics	6.8		1.7	100	1	05/05/14 19:45	E_G	5527987
C12-C16 Aliphatics	**1100**	**>MCL**	**3.3**	**370**	**1**	**05/05/14 19:45**	**E_G**	**5528069**
C12-C16 Aromatics	**270**	**>MCL**	**5**	**180**	**1**	**05/05/14 19:45**	**E_G**	**5527987**
C16-C21 Aromatics	**550**	**>MCL**	**8.3**	**180**	**1**	**05/05/14 19:45**	**E_G**	**5527987**
C16-C35 Aliphatics	1500		10	7100	1	05/05/14 19:45	E_G	5528069
C21-C35 Aromatics	91		10	180	1	05/05/14 19:45	E_G	5527987
Surr: 2-Fluorobiphenyl	107		% 40-140		1	05/05/14 19:45	E_G	5527987
Surr: Chloro-octadecane	52.0		% 40-140		1	05/05/14 19:45	E_G	5528069
Surr: o-Terphenyl	97.3		% 40-140		1	05/05/14 19:45	E_G	5527987

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	05/04/2014 13:00	TJH	1.00

RECAP DIESEL RANGE ORGANICS BY METHOD 8015C				**MCL**	**SW8015C**	**Units: mg/Kg**		
Diesel Range Organics (C10-C28)	**12000**	**>MCL**	**100**	**65**	**20**	**04/26/14 1:22**	**DF**	**5511542**
Surr: o-Terphenyl	D	*	% 38-135		20	04/26/14 1:22	DF	5511542

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	04/25/2014 14:37	CT	1.00

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

5/12/2014 8:02:47 AM

ACCUTEST LABORATORIES

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: BF-1 **Collected:** 04/23/2014 16:10 **Lab Sample ID:** L0042235-02

Site: LA RETIREMENT SYSTEMS

Analyses/Method	Result	QUAL	Rep.Limit	MCL	Dil. Factor	Date Analyzed	Analyst	Seq. #
RECAP PAH BY EPA 8270D				**MCL**	**SW8270D**	**Units: mg/Kg**		
2-Methylnaphthalene	**37**	**>MCL**	**0.65**	**1.7**	**20**	**04/26/14 10:43**	**IHK**	**5511260**
Acenaphthene	ND		0.033	220	1	04/25/14 20:50	IHK	5511073
Acenaphthylene	ND		0.033	88	1	04/25/14 20:50	IHK	5511073
Anthracene	ND		0.033	120	1	04/25/14 20:50	IHK	5511073
Benz(a)anthracene	ND		0.033	0.62	1	04/25/14 20:50	IHK	5511073
Benzo(a)pyrene	ND		0.033	0.33	1	04/25/14 20:50	IHK	5511073
Benzo(b)fluoranthene	ND		0.033	0.62	1	04/25/14 20:50	IHK	5511073
Benzo(k)fluoranthene	ND		0.033	6.2	1	04/25/14 20:50	IHK	5511073
Chrysene	ND		0.033	62	1	04/25/14 20:50	IHK	5511073
Dibenz(a,h)anthracene	ND		0.033	0.33	1	04/25/14 20:50	IHK	5511073
Fluoranthene	ND		0.033	220	1	04/25/14 20:50	IHK	5511073
Fluorene	3.7		0.033	230	1	04/25/14 20:50	IHK	5511073
Indeno(1,2,3-cd)pyrene	ND		0.033	0.62	1	04/25/14 20:50	IHK	5511073
Naphthalene	**6.7**	**>MCL**	**0.65**	**1.5**	**20**	**04/26/14 10:43**	**IHK**	**5511260**
Phenanthrene	9.8		0.65	660	20	04/26/14 10:43	IHK	5511260
Pyrene	1.8		0.033	230	1	04/25/14 20:50	IHK	5511073
Surr: 2-Fluorobiphenyl	80.3		% 43-128		1	04/25/14 20:50	IHK	5511073
Surr: 2-Fluorobiphenyl	79.9		% 43-128		20	04/26/14 10:43	IHK	5511260
Surr: 4-Terphenyl-d14	99.8		% 51-136		1	04/25/14 20:50	IHK	5511073
Surr: 4-Terphenyl-d14	116		% 51-136		20	04/26/14 10:43	IHK	5511260
Surr: Nitrobenzene-d5	62.5		% 47-134		20	04/26/14 10:43	IHK	5511260
Surr: Nitrobenzene-d5	81.2		% 47-134		1	04/25/14 20:50	IHK	5511073

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	04/25/2014 17:08	CT	0.98

SPLP SEMIVOLATILE ORGANICS BY EPA 8270D				MCL	SW8270D	Units: mg/L		
2-Methylnaphthalene	0.26		0.025		5	05/08/14 18:55	IHK	5534680
Naphthalene	ND		0.025		5	05/08/14 18:55	IHK	5534680
Surr: 2-Fluorobiphenyl	71.2		% 50-124		5	05/08/14 18:55	IHK	5534680
Surr: 4-Terphenyl-d14	85.2		% 57-133		5	05/08/14 18:55	IHK	5534680
Surr: Nitrobenzene-d5	100		% 51-138		5	05/08/14 18:55	IHK	5534680

Prep Method	Prep Date	Prep Initials	Prep Factor	Leach Method	Leachate Date	Leach Initials
SW3510B	05/08/2014 9:30	KRJ	1.00	SW1312	05/04/2014	JBW

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

5/12/2014 8:02:49 AM

ACCUTEST LABORATORIES

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: COMP **Collected:** 04/24/2014 9:30 **Lab Sample ID:** L0042235-03

Site: LA RETIREMENT SYSTEMS

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
RECAP DIESEL RANGE ORGANICS BY METHOD 8015C				**MCL**	**SW8015C**	**Units: mg/Kg**		
Diesel Range Organics (C10-C28)	33		5	65	1	04/26/14 0:46	DF	5511541
Surr: o-Terphenyl	61.8		% 38-135		1	04/26/14 0:46	DF	5511541

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	04/25/2014 14:37	CT	1.00

RECAP PAH BY EPA 8270D				**MCL**	**SW8270D**	**Units: mg/Kg**		
2-Methylnaphthalene	0.065		0.033	1.7	1	04/25/14 21:16	IHK	5511074
Acenaphthene	ND		0.033	220	1	04/25/14 21:16	IHK	5511074
Acenaphthylene	ND		0.033	88	1	04/25/14 21:16	IHK	5511074
Anthracene	ND		0.033	120	1	04/25/14 21:16	IHK	5511074
Benz(a)anthracene	ND		0.033	0.62	1	04/25/14 21:16	IHK	5511074
Benzo(a)pyrene	ND		0.033	0.33	1	04/25/14 21:16	IHK	5511074
Benzo(b)fluoranthene	ND		0.033	0.62	1	04/25/14 21:16	IHK	5511074
Benzo(k)fluoranthene	ND		0.033	6.2	1	04/25/14 21:16	IHK	5511074
Chrysene	ND		0.033	62	1	04/25/14 21:16	IHK	5511074
Dibenz(a,h)anthracene	ND		0.033	0.33	1	04/25/14 21:16	IHK	5511074
Fluoranthene	ND		0.033	220	1	04/25/14 21:16	IHK	5511074
Fluorene	ND		0.033	230	1	04/25/14 21:16	IHK	5511074
Indeno(1,2,3-cd)pyrene	ND		0.033	0.62	1	04/25/14 21:16	IHK	5511074
Naphthalene	ND		0.033	1.5	1	04/25/14 21:16	IHK	5511074
Phenanthrene	0.041		0.033	660	1	04/25/14 21:16	IHK	5511074
Pyrene	ND		0.033	230	1	04/25/14 21:16	IHK	5511074
Surr: 2-Fluorobiphenyl	80.9		% 43-128		1	04/25/14 21:16	IHK	5511074
Surr: 4-Terphenyl-d14	90.8		% 51-136		1	04/25/14 21:16	IHK	5511074
Surr: Nitrobenzene-d5	71.8		% 47-134		1	04/25/14 21:16	IHK	5511074

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	04/25/2014 17:08	CT	1.00

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

5/12/2014 8:02:51 AM

Quality Control Documentation

ACCUTEST LABORATORIES

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

PPM CONSULTANTS, INC.

503124-USTCL

nalysis: RECAP Diesel Range Organics by Method 8015C — **WorkOrder:** L0042235
ethod: SW8015C — **Lab Batch ID:** 130991

Method Blank

unID: TPHB_140425E-5511533 Units: mg/Kg
nalysis Date: 04/25/2014 20:32 Analyst: DF
Preparation Date: 04/25/2014 14:37 Prep By: CT Method: SW3546

Analyte	Result	Rep Limit
Diesel Range Organics (C10-C28)	ND	5.0
Surr: o-Terphenyl	71.7	38-135

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
L0042235-01A	T-1
L0042235-02A	BF-1
L0042235-03A	COMP

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: TPHB_140425E-5511534 Units: mg/Kg
Analysis Date: 04/25/2014 20:50 Analyst: DF
Preparation Date: 04/25/2014 14:37 Prep By: CT Method: SW3546

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
iesel Range Organics (C10-C28)	150	116	77.1	150	112	74.5	3.4	20	45	102
Surr: o-Terphenyl	2.50	2.00	80.0	2.50	1.95	78.2	2.3	30	38	135

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: L0042178-02
RunID: TPHB_140425E-5511547 Units: mg/Kg
Analysis Date: 04/26/2014 2:53 Analyst: DF
Preparation Date: 04/25/2014 14:37 Prep By: CT Method: SW3546

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Diesel Range Organics (C10-C28)	ND	147	121	79.0	150	119	76.1	1.67	20	45	102
Surr: o-Terphenyl	ND	2.45	1.97	80.3	2.5	2.01	80.2	1.86	30	38	135

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

5/12/2014 8:02:52 AM

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ACCUTEST LABORATORIES

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

PPM CONSULTANTS, INC.

503124-USTCL

nalysis: Extractable Petroleum Hydrocarbons- RECAP
ethod: MA_VPH_EPH

WorkOrder: L0042235
Lab Batch ID: 131339

Method Blank

unID: TPHA_140505B-5528053 Units: mg/Kg
nalysis Date: 05/05/2014 16:19 Analyst: E_G
Preparation Date: 05/04/2014 13:00 Prep By: TJH Method: SW3546

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
L0042235-02A	BF-1

Analyte	Result	Rep Limit
C10-C12 Aliphatics	ND	1.7
C12-C16 Aliphatics	ND	3.3
C16-C35 Aliphatics	ND	10
Surr: Chloro-octadecane	43.7	40-140

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: TPHA_140505B-5528054 Units: mg/Kg
Analysis Date: 05/05/2014 16:49 Analyst: E_G
Preparation Date: 05/04/2014 13:00 Prep By: TJH Method: SW3546

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
C10-C12 Aliphatics	5.00	3.38	67.7	5.00	3.02	60.3	11.5	25	40	140
12-C16 Aliphatics	10.0	6.38	63.8	10.0	5.85	58.5	8.7	25	40	140
16-C35 Aliphatics	45.0	25.5	56.7	45.0	23.9	53.2	6.4	25	40	140
Surr: Chloro-octadecane	5.00	2.43	48.7	5.00	2.37	47.4	2.7	30	40	140

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: L0042219-01
RunID: TPHA_140505B-5528063 Units: mg/Kg
Analysis Date: 05/05/2014 18:18 Analyst: E_G
Preparation Date: 05/04/2014 13:00 Prep By: TJH Method: SW3546

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
C10-C12 Aliphatics	ND	5	2.36	45.8	5	2.67	52.1	12.5	50	40	140

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

5/12/2014 8:02:52 AM

Version 2.1 - Modified February 11, 2011

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

PPM CONSULTANTS, INC.

503124-USTCL

Analysis: Extractable Petroleum Hydrocarbons- RECAP **WorkOrder:** L0042235
Method: MA_VPH_EPH **Lab Batch ID:** 131339

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: L0042219-01
RunID: TPHA_140505B-5528063 Units: mg/Kg
Analysis Date: 05/05/2014 18:18 Analyst: E_G
Preparation Date: 05/04/2014 13:00 Prep By: TJH Method: SW3546

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
C12-C16 Aliphatics	ND	10	4.89	26.1 *	10	5.37	30.9 *	9.35	50	40	140
16-C35 Aliphatics	9.45	45	27.6	40.3	45	26.6	38.1 *	3.68	50	40	140
Surr: Chloro-octadecane	ND	5	2.91	58.2	5	2.86	57.1	1.82	30	40	140

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Version 2.1 - Modified February 11, 2011

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

PPM CONSULTANTS, INC.

503124-USTCL

nalysis: Extractable Petroleum Hydrocarbons- RECAP **WorkOrder:** L0042235
lethod: MA_VPH_EPH **Lab Batch ID:** 131339

Method Blank

:unID: TPHA_140505A-5527980 Units: mg/Kg
.nalysis Date: 05/05/2014 16:19 Analyst: E_G
Preparation Date: 05/04/2014 13:00 Prep By: TJH Method: SW3546

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
L0042235-02A	BF-1

Analyte	Result	Rep Limit
C10-C12 Aromatics	ND	1.7
C12-C16 Aromatics	ND	5.0
C16-C21 Aromatics	ND	8.3
C21-C35 Aromatics	ND	10
Surr: 2-Fluorobiphenyl	61.4	40-140
Surr: o-Terphenyl	57.2	40-140

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: TPHA_140505A-5527981 Units: mg/Kg
Analysis Date: 05/05/2014 16:49 Analyst: E_G
Preparation Date: 05/04/2014 13:00 Prep By: TJH Method: SW3546

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
10-C12 Aromatics	5.00	2.65	53.0	5.00	2.79	55.9	5.3	25	40	140
C12-C16 Aromatics	15.0	8.86	59.1	15.0	9.06	60.4	2.2	25	40	140
C16-C21 Aromatics	25.0	15.3	61.0	25.0	15.2	60.7	0.6	25	40	140
21-C35 Aromatics	40.0	25.5	63.7	40.0	24.6	61.5	3.6	25	40	140
Surr: 2-Fluorobiphenyl	12.5	9.16	73.2	12.5	9.31	74.5	1.7	30	40	140
Surr: o-Terphenyl	5.00	2.93	58.7	5.00	3.15	62.9	7.0	30	40	140

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: L0042219-01
RunID: TPHA_140505A-5527984 Units: mg/Kg
Analysis Date: 05/05/2014 18:18 Analyst: E_G
Preparation Date: 05/04/2014 13:00 Prep By: TJH Method: SW3546

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Version 2.1 - Modified February 11, 2011

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

PPM CONSULTANTS, INC.

503124-USTCL

nalysis: **Extractable Petroleum Hydrocarbons- RECAP** **WorkOrder:** **L0042235**
ethod: **MA_VPH_EPH** **Lab Batch ID:** **131339**

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
C10-C12 Aromatics	ND	5	3.02	60.4	5	2.35	47.0	25.1	50	40	140
C12-C16 Aromatics	ND	15	9.99	62.4	15	8.08	49.7	21.1	50	40	140
16-C21 Aromatics	ND	25	16.9	60.8	25	13.6	47.9	21.2	50	40	140
C21-C35 Aromatics	ND	40	27.2	62.6	40	23.2	52.8	15.6	50	40	140
Surr: 2-Fluorobiphenyl	ND	12.5	9.77	78.1	12.5	9.65	77.2	1.17	30	40	140
Surr: o-Terphenyl	ND	5	3.53	70.6	5	3.04	60.7	15.1	30	40	140

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

PPM CONSULTANTS, INC.

503124-USTCL

Analysis: RECAP PAH by EPA 8270D
Method: SW8270D
WorkOrder: L0042235
Lab Batch ID: 131001

Method Blank

RunID: A_140425A-5511069 Units: mg/Kg
Analysis Date: 04/25/2014 19:06 Analyst: IHK
Preparation Date: 04/25/2014 17:08 Prep By: CT Method: SW3546

Analyte	Result	Rep Limit
2-Methylnaphthalene	ND	0.033
Acenaphthene	ND	0.033
Acenaphthylene	ND	0.033
Anthracene	ND	0.033
Benz(a)anthracene	ND	0.033
Benzo(a)pyrene	ND	0.033
Benzo(b)fluoranthene	ND	0.033
Benzo(k)fluoranthene	ND	0.033
Chrysene	ND	0.033
Dibenz(a,h)anthracene	ND	0.033
Fluoranthene	ND	0.033
Fluorene	ND	0.033
Indeno(1,2,3-cd)pyrene	ND	0.033
Naphthalene	ND	0.033
Phenanthrene	ND	0.033
Pyrene	ND	0.033
Surr: 2-Fluorobiphenyl	88.2	43-128
Surr: 4-Terphenyl-d14	97.6	51-136
Surr: Nitrobenzene-d5	80.5	47-134

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
L0042235-01A	T-1
L0042235-02A	BF-1
L0042235-03A	COMP

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: A_140425A-5511070 Units: mg/Kg
Analysis Date: 04/25/2014 19:32 Analyst: IHK
Preparation Date: 04/25/2014 17:08 Prep By: CT Method: SW3546

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
-Methylnaphthalene	2.50	2.14	85.6	2.50	2.37	94.9	10.3	26	57	112
cenaphthene	2.50	2.19	87.5	2.50	2.46	98.6	11.9	26	56	115
Acenaphthylene	2.50	2.28	91.4	2.50	2.57	103	11.9	27	55	120
nthracene	2.50	2.30	92.1	2.50	2.56	102	10.6	27	55	115
enz(a)anthracene	2.50	2.28	91.1	2.50	2.52	101	10.1	22	60	109
Benzo(a)pyrene	2.50	2.42	97.0	2.50	2.73	109	11.8	27	59	115

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte Detected In The Associated Method Blank
J - Estimated Value Between MDL And PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

PPM CONSULTANTS, INC.

503124-USTCL

nalysis: RECAP PAH by EPA 8270D **WorkOrder:** L0042235
lethod: SW8270D **Lab Batch ID:** 131001

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: A_140425A-5511070 Units: mg/Kg
Analysis Date: 04/25/2014 19:32 Analyst: IHK
Preparation Date: 04/25/2014 17:08 Prep By: CT Method: SW3546

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
enzo(b)fluoranthene	2.50	2.29	91.6	2.50	2.59	104	12.3	28	56	115
enzo(k)fluoranthene	2.50	2.65	106	2.50	2.89	116	8.8	35	46	131
hrysene	2.50	2.29	91.4	2.50	2.55	102	10.9	24	54	116
ibenz(a,h)anthracene	2.50	2.43	97.1	2.50	2.71	108	10.8	20	56	121
luoranthene	2.50	2.25	90.0	2.50	2.58	103	13.8	28	55	118
Fluorene	2.50	2.18	87.1	2.50	2.48	99.4	13.2	27	51	123
deno(1,2,3-cd)pyrene	2.50	2.35	94.0	2.50	2.64	106	11.8	29	50	125
aphthalene	2.50	2.14	85.4	2.50	2.40	96.1	11.7	27	51	118
Phenanthrene	2.50	2.46	98.2	2.50	2.71	109	10.0	27	55	118
yrene	2.50	2.33	93.2	2.50	2.50	99.9	6.9	27	57	115
Surr: 2-Fluorobiphenyl	2500	2100	84.2	2500	2340	93.6	10.6	30	43	128
Surr: 4-Terphenyl-d14	2500	2410	96.4	2500	2540	101	5.1	30	51	136
Surr: Nitrobenzene-d5	2500	2040	81.7	2500	2240	89.6	9.2	30	47	134

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: L0042260-05
RunID: A_140426B-5512519 Units: mg/Kg
Analysis Date: 04/27/2014 13:33 Analyst: IHK
Preparation Date: 04/25/2014 17:08 Prep By: CT Method: SW3546

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
2-Methylnaphthalene	ND	2.46	2.25	91.2	2.5	2.23	89.3	0.560	26	57	112
cenaphthene	ND	2.46	2.32	94.1	2.5	2.25	90.1	2.84	26	56	115
cenaphthylene	ND	2.46	2.40	97.5	2.5	2.36	94.3	1.86	27	55	120
Anthracene	ND	2.46	2.44	99.0	2.5	2.35	93.8	3.89	27	55	115

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TNTC - Too numerous to count

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5/12/2014 8:02:52 AM

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ACCUTEST LABORATORIES

ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

PPM CONSULTANTS, INC.

503124-USTCL

nalysis: **RECAP PAH by EPA 8270D** **WorkOrder:** **L0042235**
lethod: **SW8270D** **Lab Batch ID:** **131001**

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: L0042260-05
RunID: A_140426B-5512519 Units: mg/Kg
Analysis Date: 04/27/2014 13:33 Analyst: IHK
Preparation Date: 04/25/2014 17:08 Prep By: CT Method: SW3546

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benz(a)anthracene	ND	2.46	2.40	97.6	2.5	2.34	93.6	2.71	22	60	109
enzo(a)pyrene	ND	2.46	2.64	107	2.5	2.52	101	4.42	27	59	115
enzo(b)fluoranthene	ND	2.46	2.52	102	2.5	2.54	101	0.700	28	56	115
Benzo(k)fluoranthene	ND	2.46	2.92	118	2.5	2.69	108	7.97	35	46	131
hrysene	ND	2.46	2.43	98.6	2.5	2.33	93.1	4.27	24	54	116
ibenz(a,h)anthracene	ND	2.46	2.46	100	2.5	2.38	95.2	3.54	20	56	121
luoranthene	ND	2.46	2.36	96.0	2.5	2.32	92.9	1.81	28	55	118
Fluorene	ND	2.46	2.24	90.8	2.5	2.18	87.1	2.66	27	51	123
ideno(1,2,3-cd)pyrene	ND	2.46	2.37	96.1	2.5	2.33	93.3	1.51	29	50	125
aphthalene	ND	2.46	2.26	92.0	2.5	2.23	89.2	1.53	27	51	118
Phenanthrene	ND	2.46	2.60	106	2.5	2.50	100	3.97	27	55	118
yrene	ND	2.46	2.59	105	2.5	2.46	98.3	5.11	27	57	115
Surr: 2-Fluorobiphenyl	ND	2460	2260	91.9	2500	2200	88.1	2.67	30	43	128
Surr: 4-Terphenyl-d14	ND	2460	2660	108	2500	2560	102	3.95	30	51	136
Surr: Nitrobenzene-d5	ND	2460	2210	89.5	2500	2200	87.9	0.368	30	47	134

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ACCUTEST GULF COAST
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Quality Control Report

PPM CONSULTANTS, INC.

503124-USTCL

nalysis: SPLP Semivolatile Organics by EPA 8270D **WorkOrder:** L0042235
lethod: SW8270D **Lab Batch ID:** 131507

Method Blank

:unID: F_140508B-5534326 Units: mg/L
.nalysis Date: 05/08/2014 16:24 Analyst: IHK
Preparation Date: 05/08/2014 9:30 Prep By: KRJ Method: SW3510B

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
L0042235-02A	BF-1

Analyte	Result	Rep Limit
2-Methylnaphthalene	ND	0.0050
Naphthalene	ND	0.0050
Surr: 2-Fluorobiphenyl	100.3	50-124
Surr: 4-Terphenyl-d14	94.7	57-133
Surr: Nitrobenzene-d5	95.7	51-138

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: F_140508B-5534327 Units: mg/L
Analysis Date: 05/08/2014 16:46 Analyst: IHK
Preparation Date: 05/08/2014 9:30 Prep By: KRJ Method: SW3510B

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
-Methylnaphthalene	0.0500	0.0468	93.5	0.0500	0.0482	96.5	3.1	18	53	118
laphthalene	0.0500	0.0476	95.1	0.0500	0.0501	100	5.2	40	45	125
Surr: 2-Fluorobiphenyl	50.0	48.9	97.8	50.0	50.4	101	3.1	30	50	124
Surr: 4-Terphenyl-d14	50.0	46.9	93.7	50.0	50.3	101	7.1	30	57	133
Surr: Nitrobenzene-d5	50.0	49.9	99.7	50.0	50.2	100	0.6	30	51	138

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