

State of Louisiana



Department of Environmental Quality

KATHLEEN BABINEAUX BLANCO GOVERNOR April 14, 2005 MIKE D. McDANIEL, Ph.D. SECRETARY

CERTIFIED MAIL - RETURN RECEIPT REQUESTED 7003 2260 0000 5823 6819

Ms. Amy Sierra Chevron Environmental Management Company P.O. Box 4256 Houston, TX 77210-4256

RE: Conveyance Notice/Well Plugging and Abandonment Requirements for No Further Action Chevron #60109392; Agency Interest (AI) No. 18777
UST FID No. 61-001981, Incident No. 62718
111 Lobdell Highway
Port Allen, Louisiana; West Baton Rouge Parish

Dear Ms. Amy Sierra:

We have completed review of the Appendix I RECAP Evaluation dated March 2005 verifying that residual contaminant concentrations do not exceed the remediation standards established for this facility. Since remedial standards were based upon an industrial exposure scenario, a mortgage and conveyance notification must be filed in the parish conveyance records prior to the issuance of a No Further Action-At This Time (NFA-ATT) decision by the Department. Accompanying this letter is the format for the notice that must be filed. Site-specific information must be provided in the *italicized* portions of the form. A scaled site plan showing the affected soil and groundwater zones must be attached to this notice. A true copy of the notice certified by the Clerk of Court should be submitted to LDEQ within ninety days after receipt of this letter.

Additionally, monitoring/recovery wells present at the site must be properly plugged and abandoned prior to consideration of NFA-ATT. Please contact this office at least five business days in advance of the initiation of field activities to allow for field oversight. Within ninety days, please provide a report detailing the completion of plugging and abandonment activities in accordance with the latest version of the Construction of Geotechnical Boreholes and Groundwater Monitoring Systems Handbook prepared by LDEQ and the Louisiana Department





Ms. Amy Sierra April 14, 2005 Page 2

of Transportation and Development. If the facility is eligible for the Louisiana Motor Fuels Underground Storage Tank Trust Fund and you wish to ensure maximum potential eligibility under the fund, all site activities relevant to this incident must be conducted in accordance with the latest edition of the Louisiana Motor Fuels Underground Storage Tank Cost Control Guidance Document.

Please contact this office at (225) 219-3227 with any questions. All correspondence must include the **AI number** and be submitted in triplicate to:

Keith L. Casanova, Administrator LA Department of Environmental Quality Remediation Services Division P.O. Box 4314 Baton Rouge, Louisiana 70821-4314.

Sincerely,

Charles S. Andrews

Staff Environmental Scientist

Challes A. anders

Enclosure

c: Mr. Seth P. Domangue-CRA LDEQ File Scanning Room 144-UST File

CONVEYANCE NOTIFICATION

(Name of current property owner) hereby notifies the public that the following described Area of Investigation (AOI), Louisiana Department of Environmental Quality (LDEQ) Agency Interest Number (list AI number), was closed with contaminant levels present that are acceptable for industrial/commercial use of the property as described in LDEQ's Risk Evaluation/Corrective Action Program (RECAP), Section 2.9. In accordance with LAC 33:I., Chapter 13, if land use changes from industrial to non-industrial, the responsible party shall notify the LDEQ within 30 days and the AOI shall be reevaluated to determine if conditions are appropriate for the proposed land use.

This site was closed in accordance with the Louisiana Administrative Code, Title 33:I., Chapter 13. Information regarding this site is available in the LDEQ public record and may be obtained by contacting the LDEQ Records Manager at (225) 219-3168. Inquiries regarding the contents of this site may be directed to (name of person with knowledge of the content of the AOI) at (address of person with knowledge of the content of the AOI).

AOI Description:

(Provide the legal description of the property upon which the AOI is located. Also attach a scaled site plan showing the affected soil and groundwater zones and a table listing the maximum remaining contaminant concentrations in each medium.)

Signature of Person Filing Parish Record
Typed Name and Title of Person Filing Parish Record
Date

(A true copy of the document certified by the parish clerk of court must be sent to the Remediation Services Division, Post Office Box 4314, Baton Rouge, Louisiana 70821-4314.)

REMEDIATION SERVICES DIVISION

ORIGINATOR: ANDREWS	SECTION: (F) 3
DATE: 14 APR OS	PROJECT: # 60109392
Other #	AJ# 18777

	Req'd.	Signature	Date	Comments
Immediate Supervisor				
Section Mgr./Supvr.	ベ	J. Halle	5-41-la	
Section Secretary	X	Manust Luvio	20/11/1/12	
Executive Secretary				3
Administrator				
Legal				
Assistant Secretary				
Deputy Secretary				
Secretary				

08/28/2001

1	U.S. Postal Service CERTIFIED MAIL (Domestic Mail Only; No Insurance Coverage Provided) For delivery information visit our website at www.usps.com To delivery information visit our website at www.usps.com
	OFFICIAL USE Postage \$ Certified Fee X
; !	Return Reciept Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) Total Postage & Fees \$ X
) 	Sent To Amy Sierra Siriest, Apr. No. Cheeren Environmental Management Co. Physics Boss 4256 Hougton, TX 77210-4256 PS Form 2300, June 2002 See Reverse for Instructions

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OFFICE OF ENVIRONMENTAL COMPLIANCE UNDERGROUND STORAGE TANK & REMEDIATION DIVISION PROuting/Approval Slip

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Other ID No.		Locati			y., Port Allen			
Activity No.		31 Sir		Origi	nator:	Chris Means	3	
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	N	IFA 🗌	N	OD 🗌	Persor	nnel 🗌	Other	
Technical R	eview	Req'd.	In	itials	Date	Return to Originator?	Con	nments
Environmenta	Scientist					□ Y □ N		
	Geology					□ Y □ N		
	Legal					□Y□N		-
Technica	al Advisor					□ Y □ N		
Other (_)					□Y□N		
Additional C	omments							
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Revised 11/3010

BOBBY JINDAL GOVERNOR



PEGGY M. HATCH SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY OFFICE OF ENVIRONMENTAL COMPLIANCE

March 15, 2013

CERTIFIED-RETURN RECEIPT REQUESTED (7005 0390 0001 6875 4528)

Ms. Suzanne Kapesis McDonald's Corporation 3850 Causeway Blvd., Suite 1200 Metairie, LA 70002

RE: Environmental Site Assessment Report

McBR Management Co. - McDonalds; AI Number 18806

UST Incident No. 146348

150 Lobdell Hwy.; Port Allen; West Baton Rouge

Dear Ms. Kapesis:

We have received the Phase II Environmental Site Assessment Report dated January 29, 2013, submitted on your behalf by Professional Service Industries, Inc. We are also in receipt of the 7-Day Notification Report filed on February 8, 2013. It is our understanding that this investigation was conducted in response to a proposed real estate transaction.

This facility is an active fast food restaurant. Results of the site investigation indicated levels of TPH-G in groundwater exceeding RECAP Screening Standards (SS). After further evaluation by this Division it is evident that the facility would be classified as a GW3DW site based on data gathered from a facility currently operating and located within one (1) mile at 123 Lobdell Highway. The point of exposure (POE) would be an unnamed drainage canal which is located approximately 375 feet from the point of compliance (POC). This canal is not considered to be a drinking water source. All constituent of concern (COC) concentrations found in soil would fall below the applicable RECAP Non-Industrial Screening Standards (SS) as listed in Table 1 under the RECAP Screening Option. Groundwater sampling indicated that TPH-G would fall below the applicable GW3DW RECAP standard in Table 3 under RECAP MO-1.

Based on the limited information submitted, sampling being performed in areas most likely to have the greatest impact and contaminant levels being below RECAP standards that would be developed for this site; the Department does not intend to respond further regarding this matter. This decision is contingent upon meeting the following conditions:

- All borehole and/or monitoring/recovery wells present at the site have been properly plugged and abandoned in accordance with the latest version of the LDEQ/LDOTD Construction of Geotechnical Boreholes and Groundwater Monitoring Systems Handbook.
- All investigation-derived waste (IDW) has been properly containerized and has been properly disposed of.

Should you discover any discharges in future monitoring efforts, reporting must be in accordance with the Department's regulations. Please note that this letter is not intended and should not be construed to be a concurrence that the information provided is adequate to ascertain the condition of the property in question.

This letter closes out Incident No. 146348 and subsequent notification to SPOC on January 31, 2013.

If you have any questions, please contact Chris Means at the Capital Regional Office at (225) 219-3443. All correspondence must include the AI number and be submitted in triplicate to:

Thomas F. Harris, Administrator
Underground Storage Tank and Remediation Division—Remediation Process
P. O. Box 4312
Baton Rouge, LA 70821-4312.

Thank you for your cooperation.

Sincerely,

Thomas F. Harris, Administrator

TX FAL

Underground Storage Tank and Remediation Division

спп

c: Imaging Operations - UST

Terri Gibson, USTRD

Steve E. Whitting, Professional Service Industries, Inc.

18806

February 4, 2013

Louisiana Department of Environmental Quality Post Office Box 4312 Baton Rouge, LA 70821-4312

RECEIVED

FEB 0 8 2013

DEQ Single Point of Contact

ATTENTION: EMEREGENCY AND RADIOLOGICAL SERVICES DIVISION - SPOC "UNAUTHORIZED DISCHARGE NOTIFICATION REPORT" 513-22679 T146348 Alan Karr

Re:

Phase II Environmental Site Assessment

McDonald's Restaurant (0.48 Acre Parking Lot)

150 Lobdell Highway

Port Allen, West Baton Rouge Parish, Louisiana

To Whom It May Concern:

Professional Service Industries, Inc. (PSI) performed a Phase II Environmental Site Assessment of the above referenced site (PSI Project No. 0259422 dated January 29, 2013). The Phase II ESA was performed for our client, McDonald's Corporation, USA to evaluate whether possible impacts to soil and groundwater on the subject property have occurred in connection with the off-site UST/AST site at LA Express #9 service center (Agency Interest #76897). McDonald's Corporation is not the property owner, but has an interest in purchasing the property and obtained permission from the owner, Mr. Charles Valluzzo, for PSI to conduct the sampling.

As shown in the enclosed Phase II ESA report, gasoline indicator Total Petroleum Hydrocarbon-Gasoline Range Organics (TPH-GRO) was detected in water samples B-2-15W at 0.28 milligrams per liter (mg/L) and B-3-15W at 0.21 mg/L. The concentrations were above the LDEQ RECAP Groundwater Screening Standard of 0.15 mg/L.

Because the gasoline indicator TPH-GRO was reported by the laboratory above the LDEQ regulatory limit adjacent to the off-site UST/AST site, PSI made a notification to the LDEQ within 24 hours of receiving the laboratory report as required under LAC 33:XI 707. Notification of the release was made via LDEQ's Single Point of Contact web portal (confirmation number K0V7 11339) on January 31, 2013.

This submittal serves as written notification of a release. If you have any questions, please do not hesitate to call the undersigned at (225) 293-8378.

Respectfully submitted,

1.1:lliam 7. Panick

PROFESSIONAL SERVICE INDUSTRIES, INC.

William F. Penick Project Scientist

Cc: Ms. Kayleen Bergeron, McDonald's Corporation

Enclosures: Phase II ESA Report

Steve E. Whitting, CPG Principal Consultant



Report of

Phase II Environmental Site Assessment

McDonald's Restaurant 150 Lobdell Highway Port Allen, Louisiana 70767

Prepared for

McDonald's Corporation 3850 Causeway Boulevard, Suite 1200 Metairie, Louisiana 70002

Prepared by

Professional Service Industries, Inc. 11950 Industriplex Boulevard Baton Rouge, Louisiana 70810

January 29, 2013

PSI Project 0259422



January 29, 2013

McDonald's Corporation 3850 North Causeway Boulevard, Suite 1200 Metairie, Louisiana 70002

Attention:

Ms. Kayleen Bergeron

Subject:

Phase II Environmental Site Assessment Report

McDonald's Restaurant 150 Lobdell Highway

Port Allen, Louisiana 70767 PSI Project Number: 0259422

Dear Ms. Bergeron:

Professional Service Industries, Inc. (PSI) performed the Phase II Environmental Site Assessment that you requested. PSI provided its services in general accordance with our agreement dated December 21, 2012.

PSI thanks you for choosing us as your consultant for this project. Please contact us at 225-293-8378 if you have any questions or we may be of further service.

Respectfully Submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.

William Penick

Environmental Professional

William Penick

Steve E. Whitting, CPG Principle Consultant

Attachment: Phase II Environmental Site Assessment Report

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FIGURES

FIGURE 1 – SITE LOCATION MAP FIGURE 2 – BORING LOCATION MAP

TABLES

TABLE 1 – SOIL ANALYTICAL SUMMARY
TABLE 2 – GROUNDWATER ANALYTICAL SUMMARY

LIST OF APPENDICES

APPENDIX A – BORING LOGS APPENDIX B – LABORATORY ANALYTICAL REPORTS



ACRONYM LIST

AMSL Above Mean Sea Level

ASTM American Society for Testing and Materials BTEX Benzene, toluene, ethylbenzene and xylene

BGS Below Ground Surface

CERCLA Comprehensive Environmental Response, Compensation and Liability Act

DRO Diesel Range Organics

DNAPLs Dense Non-Aqueous Phase Liquids

EDMS Electronic Document Management System

EDR Environmental Data Resources

EPA United States Environmental Protection Agency

ESA Environmental Site Assessment GRO Gasoline Range Organics

GW_SS Groundwater Screening Standard

LDEQ Louisiana Department of Environmental Quality

LNAPLs Light Non-Aqueous Phase Liquids

MTBE Methyl tert-butyl ether

OVM-PID Organic Vapor Monitor - Photo-ionization Detector

PSI Professional Service Industries, Inc.

RECAP Risk Evaluation Corrective Action Program

RQ Reportable Quantity

TPH Total Petroleum Hydrocarbons
UST Underground Storage Tank
VOCs Volatile Organic Compounds



1 EXECUTIVE SUMMARY

PSI has conducted a Phase II Environmental Site Assessment (ESA) at the subject property located at 150 Lobdell Highway in Port Allen, Louisiana. The assessment was performed in general accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard E 1903-11 and the contract between PSI and McDonald's Corporation dated December 21, 2012. The assessment was performed for McDonald's Corporation to address specific objectives that were stated by the client. Exceptions or deletions from the contracted scope of work are described in Section 2.4 of this report.

The subject property consists of approximately 0.48 acre of open developed land with a concrete parking lot and landscaped areas. According to review of historical documents, past property conditions consist of wooded undeveloped and open developed land in a rural setting.

The current adjoining and surrounding conditions include open commercially developed land to the north, east and south and Lobdell Highway (Louisiana Highway 415) followed by open, commercially developed land to the west.

PSI conducted a Phase I Environmental Site Assessment (ESA) of the subject property (PSI Project No.: 0259417, dated December 13, 2012). The Phase I ESA noted one (1) off-site recognized environmental condition (REC) in association with the subject property as follows:

• OFF SITE CONDITION: PSI identified a potential REC in connection with the gasoline and diesel underground storage tanks (USTs) located within 15 feet of the subject property. EDR did not reference the site (LA Express #9 service center) adjoining the subject property to the north. PSI accessed the on-line Louisiana Department of Environmental Quality (LDEQ) Electronic Document Management System (EDMS) and researched the site. The station was built in 1992 and there were no violations or incidents noted since that time on the web site. Although no violations or incidents were noted, the close proximity of the USTs to the subject property is of concern due to possible undocumented or unknown spills or releases associated with the USTs. Therefore, the USTs associated with the LA Express service center are considered evidence of a potential REC in connection with the subject property.

Based on the above, McDonald's Corporation desired that soil and groundwater sampling be performed to determine if gasoline constituents were present in soil and groundwater on the subject property at concentrations exceeding LDEQ Risk Evaluation Corrective Action Program (RECAP) Screening Standards. Permission to conduct the Phase II ESA was granted by Ms. Suzanne Kapesis with McDoanld's Corporation.



The Phase II ESA was conducted to address the following objectives which were defined through a discussion between the Phase II Assessor and the client:

 Assess whether there has been a gasoline or diesel spill or release to soil and/or groundwater to the subject property from the off-site REC. The assessment was conducted to determine if LDEQ-specified gasoline and/or diesel fuel indicator compounds are present in shallow soil and groundwater at concentrations above RECAP Screening Standards.

The scope of work described in PSI Proposal No. 0259-85132 generally included the installation of three (3) borings by direct-push techniques. The borings were installed along the northwestern property boundary next to the La Express Exxon for the collection of soil samples, and then converted to temporary groundwater sampling points for the collection of groundwater samples. Laboratory analysis of the soil and groundwater samples consisted of gasoline and diesel fuel indicators: benzene, toluene, ethylbenzene, and xylene (BTEX); methyl tert-butyl ether (MTBE); total petroleum hydrocarbon-gasoline range organics (TPH-GRO); total petroleum hydrocarbon-diesel range organics (TPH-DRO); and Polynuclear Aromatic Hydrocarbons (PAH).

1.1 CONCLUSIONS

As previously stated, the scope of the Phase II ESA investigation was designed specifically for the client's stated objective(s). Based on the collected data, the investigation is considered sufficient to meet the client's objectives.

Soil and groundwater samples collected from borings B-1 through B-3 were used to evaluate the potential impact to the subject property from the off-site USTs. Please refer to Table 1.

TPH-DRO was detected in soil samples B-1-2-4S at 7.2 milligrams per kilogram (mg/kg), B-2-12-14S at 5.2 mg/kg and B-3-14-15S at 5.3 mg/kg. TPH-GRO was detected in B-1-2-4S at 4.7 mg/kg and B-3-14-15S at 6.6 mg/kg. The TPH-DRO and TPH-GRO detections were below the LDEQ-RECAP Screening Standard for soil protective of groundwater (Soil_{ssgw} = 65 mg/kg). All other analytes were below the laboratory reporting limits.

TPH-GRO was detected in groundwater samples B-2-15W at 0.28 milligrams per liter (mg/L) and B-3-15W at 0.21 mg/L. The reported TPH-GRO concentrations exceeded the LDEQ-RECAP Groundwater Screening Standard (GW $_{\rm SS}$ = 0.15 mg/L).

Based on the methodologies described in this report, the Phase II ESA has provided sufficient information to confirm for the recognized environmental conditions assessed at the subject property, the presence of TPH-GRO in groundwater under conditions that indicate disposal or release and exceed applicable or relevant and appropriate requirements.



1.1.1 PRELIMINARY MO-1 EVALUATION

PSI performed a <u>preliminary</u> RECAP Management Option 1 (MO-1) evaluation to determine if the aforementioned exceedances would risk away. Our preliminary evaluation assumes that the highest reported constituent concentrations represent the site maximums. Certain other reasonable assumptions were made for the preliminary evaluation based on previous experiences in similar settings and are discussed below.

Assuming that the Groundwater Classification for the site is the most conservative Groundwater 1 (GW1), the preliminary MO-1 Standard for TPH-GRO in groundwater is 0.34 mg/L (LDEQ RECAP Table 3).

Based on the above, the TPH-GRO exceedances of GW_{SS} would risk away under MO-1. However, concurrence with this finding by the LDEQ will be required in order to obtain a "No Further Interest" determination for the subject property. Additional information may be required to obtain LDEQ concurrence with this finding.

1.2 RECOMMENDATIONS

Because the reported TPH-GRO exceedances of GWss are likely associated with an adjoining off-site UST system, prompt notification of the release should be made to the LDEQ via the agency's Single Point of Contact (SPOC). This report should be submitted to the LDEQ with the required seven-day written notification and a request for incident closure based on the above preliminary RECAP MO-1 evaluation.



2 INTRODUCTION

PSI conducted a Phase II Environmental Site Assessment (ESA) at the subject property located at 150 Lobdell Highway in Port Allen, Louisiana. This report documents the user's objectives for performing the work, the scope of work and sampling rationale, field and laboratory methodologies, an evaluation of data and conclusions.

2.1 AUTHORIZATION

Authorization to perform the assessment was given on December 21, 2012 by a signed copy of PSI Proposal No 0259-85132, between McDonald's Corporation and PSI. Access to the property was provided by Ms. Kayleen Bergeron with the McDoanld's Corporation.

2.2 OVERVIEW OF ASTM E1903-11 STANDARD PRACTICE

This Phase II ESA was conducted in general accordance with ASTM Standard E 1903-11, Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process. This practice covers a process for conducting a Phase II ESA of a parcel of property with respect to evaluating the presence or likely presence of substances defined as "hazardous substances" under the Comprehensive Environmental Response Compensation Act (CERCLA or Superfund), and petroleum products. The Standard Practice specifies procedures based on the scientific method to characterize property conditions in an objective, representative, repeatable, and defensible manner.

The Standard Practice contemplates that the user (i.e., the client) and the Phase II Assessor will consult to define the scope and objectives of the investigation in light of relevant factors, such as the portion of the property or specific concerns to be investigated, the specific questions to be answered to satisfy the user's business needs, the degree of confidence needed or desired in the results, the degree of investigatory sampling needed to achieve such confidence, and any time and resource constraints. The scope of the Phase II ESA investigation is directly related to the user's objectives. The Standard Practice does not require full site characterization in every instance, but may be used to conduct an investigation that is sufficient to meet the user's objective.

As stated above, the Standard Practice utilizes the scientific method, which includes defining a problem for which a solution is sought, formulating a hypothesis that might resolve the problem, conducting investigation and collecting data to test the hypothesis, and evaluating the data to confirm or refute the hypothesis. The Standard Practice requires the Phase II assessor to define a hypothesis based on the user's objectives for each area of investigation (e.g., HYPOTHESIS – A release of petroleum products exceeding regulatory limits has impacted the soil in the vicinity of the off-site UST system), The investigation is designed to test the hypothesis. Once data are collected,



the Phase II Assessor must evaluate whether the hypothesis has been confirmed or refuted and whether the user's objectives have been met.

2.3 OBJECTIVES

The purpose of performing the Phase II ESA in accordance with the Standard Practice was to acquire and evaluate information sufficient to achieve the objectives outlined below, which were developed through consultation between PSI and the client.

PSI performed the Phase II ESA at the subject property at 150 Lobdell Highway in Port Allen, Louisiana in conformance with the scope and limitations of the ASTM Standard Practice E1903-11 and for the following objectives:

 Assess whether there has been a gasoline or diesel spill or release to soil and/or groundwater to the subject property from the off-site REC. The assessment was conducted to determine if LDEQ-specified gasoline and/or diesel fuel indicator compounds are present in shallow soil and/or groundwater at concentrations above RECAP Screening Standards.

The scope of work outlined in Section 4 was developed specifically to satisfy the objectives outlined above. Any areas where the data are insufficient to satisfy the objectives are discussed in the report conclusions.

2.4 DEVIATIONS FROM CONTRACT

PSI completed the work in accordance with scope of work outlined in the proposal. There were no significant deviations from the agreed upon scope of work.



3 BACKGROUND

3.1 SITE DESCRIPTION AND FEATURES

The subject property is located at 150 Lobdell Highway in Port Allen, Louisiana 70767. Figure 1 illustrates the general location of the subject site.

The subject property consists of approximately 0.48 acre of open developed land with a concrete parking lot and landscaped areas. According to review of historical documents, past property conditions consist of wooded undeveloped and open developed land in a rural setting.

The current adjoining and surrounding conditions include open commercially developed land to the north, east and south and Lobdell Highway (Louisiana Highway 415) followed by open, commercially developed land to the west.

3.2 PHYSICAL SETTING

PSI reviewed United States Geological Survey (USGS) Topographic (Topo) Maps and other information regarding the physical setting of the site to assist with the interpretation of subsurface water movement near the property. The subject property slopes generally to the southwest. According to the contour lines on the 1995 Baton Rouge West, Louisiana quadrangle map the approximate elevation is 19 feet above mean sea level. Potable water and sewage at the subject property is provided by the City of Port Allen.

Summary			
Source Name	Year Published/Issued		
USGS 7.5 Minute Topo Map	1995 Baton Rouge West, Louisiana		
EDR Soil Conservation Service data	Soil Survey Area: West Baton Rouge Parish, Louisiana		

A topographic map showing the subject property is provided as Figure 1.

The groundwater flow is generally to the east southeast. According to EDR, the soil type is Commerce silty clay loam, poorly drained with slow infiltration rates.

3.3 SITE HISTORY AND LAND USE

According to review of historical documents, the subject property appeared to be cleared vacant land from 1908 to 1993. From 1993 to 2011 the subject property appeared to be developed as a parking lot. The vicinity of the subject property can generally be described as commercial.



3.4 CURRENT AND HISTORIC ADJACENT LAND USE

The current adjoining and surrounding properties consist of LA Express service center to the north; entrances to the McDonald's restaurant followed by Court Street to the south; McDonald's restaurant followed by cleared land to the east; Lobdell Highway followed by Nino's service center and casino to the west.

Our interpretation of past uses of the adjoining and surrounding properties is tabulated below.

Summary

Year(s)	Interpreted Property Use
1908	According to historical data the subject property was located in a low lying swampy area in a rural setting.
1952 - 1962	According to historical documents the subject property was wooded undeveloped land that had been cleared by 1962 for agricultural development in a rural setting.
1971 - 1989	According to historical documents the subject property was spatially wooded land in a commercially developing area.
1993 - 2011	According to historical documents the subject property was open developed land with a parking lot visible.

3.5 SUMMARY OF PREVIOUS ASSESSMENTS

PSI conducted a Phase I Environmental Site Assessment (ESA) of the subject property (PSI Project No.: 0259417 dated December 13, 2012). The Phase I ESA noted one (1) off-site recognized environmental condition (REC) in association with the subject property as follows:

OFF SITE CONDITION: PSI identified a potential REC in connection with the gasoline and diesel USTs located within 15 feet of the subject property. EDR did not reference the site (LA Express #9 service center) adjoining the subject property to the north. PSI accessed the on-line LDEQ EDMS and researched the site. The station was built in 1992 and there were no violations or incidents noted since that time on the web site. Although no violations or incidents were noted, the close proximity of the USTs to the subject property is of concern due to possible undocumented or unknown spills or releases associated with the USTs. Therefore, the USTs associated with the LA Express service center are considered evidence of a potential REC in connection with the subject property.



4 SCOPE OF WORK AND SAMPLING RATIONALE

The scope of work and sampling rationale described below were intended to satisfy the data needs to meet the client's objectives for the Phase II ESA, which is described in Section 2 of this report.

4.1 SUPPLEMENTAL RESEARCH

PSI queried LDEQ EDMS. Refer to Section 4.2.1 for a discussion of our findings.

4.2 SITE CONCEPTUAL MODEL AND HYPOTHESIS STATEMENT(S)

PSI has prepared a site conceptual model for the area of concern where target analytes are likely to be present. The conceptual model was developed in order to evaluate what target analytes are most likely to be present and where the target analytes are likely to be currently located, in light of the environmental behavior, fate and transport characteristics of the potential target analytes. The conceptual model was based upon available information and assumptions regarding physical conditions, such as relative permeability, depth to the water table, and groundwater flow direction, as well as available information regarding the nature and physical properties of the target analytes. The conceptual model also takes into account potential release mechanisms and preferential pathways for contaminant travel at the area of concern.

The conceptual model was utilized to determine the sampling rationale, including most appropriate sampling locations and media to be sampled, sampling methodologies, and target analytes.

4.2.1 AREA OF CONCERN - AREA ADJACENT TO OFF SITE UST SYSTEM

PSI identified a potential REC in connection with the gasoline and diesel USTs located within 15 feet of the subject property. EDR did not reference the site (LA Express #9 service center) adjoining the subject property to the north. PSI accessed the on-line LDEQ EDMS and researched the site. The station was built in 1992 and there were no violations or incidents noted since that time on the web site. Although no violations or incidents were noted, the close proximity of the USTs to the subject property is of concern due to possible undocumented or unknown spills or releases associated with the USTs. Therefore, the USTs associated with the LA Express service center are considered evidence of a potential REC in connection with the subject property.

Common release mechanisms from UST systems include underground leaks from USTs, piping, and dispenser connections, and above ground releases from tank overfilling and spills during automobile fueling.



Target Analytes	Release Mechanism	Media/Locations Most Likely To Be Impacted
Gasoline indicators: benzene, toluene, ethylbenzene and xylenes (BTEX), methyl tert-butyl ether (MTBE), and Total Petroleum Hydrocarbons – Gasoline Range Organics (TPH-GRO), Diesel indicators: Total Petroleum Hydrocarbons-Diesel Range Organics (TPH-DRO) and Polynuclear Aermatic Hydrocarbons (PAH).	USTs, piping and dispenser leaks.	Shallow soils in the immediate vicinity of the dispensers and lines, particularly within granular backfill. Shallow soils adjacent to pavement cracks. Groundwater in the immediate vicinity and downgradient of USTs, lines, and dispensers.
BTEX, MTBE, TPH- GRO, TPH-DRO, and PAH	Overfilling of tanks and unreported surface spills.	Shallow soils adjacent to pavement cracks. Groundwater in the immediate vicinity and downgradient.

Petroleum constituents of concern associated with gasoline or diesel releases are generally relatively volatile, moderately soluble in groundwater, and have a strong affinity to bind to organic matter in the soil. Given the clay to silty clay soil types and the relatively shallow depth to groundwater (10 to 15 feet depth), it is likely that most significant releases would travel downward through the unsaturated zone with limited horizontal spreading and would enter the water table. The moderate permeability of the soils and the relatively low expected groundwater gradient would favor slow distribution of dissolved petroleum constituents in the groundwater to the southwest in the direction of groundwater flow.

Residual petroleum constituents are likely to be bound to the soil above the water table in the immediate vicinity of any release points, with the highest petroleum constituent concentrations in the soil found in immediate proximity to potential release points, such as tanks, piping, etc.

The Standard Practice requires the Phase II Assessor to develop a hypothesis statement based on the user's objectives for each area of concern. The following hypothesis was developed for Area of Concern #1, which was tested during the Phase II ESA:



Hypothesis: A gasoline or diesel release has occurred at the off-site UST area that has impacted soil and/or groundwater on the subject property at concentrations above RECAP Screening Standards.

4.3 FIELD INVESTIGATION SUMMARY

Field investigation and sampling activities were conducted on January 11, 2013, under the supervision of Mr. William Penick, Staff Scientist for PSI. The Phase II ESA was conducted under the direction of a qualified professional who meets the requirements of a "Phase II Assessor" under the ASTM Standard Practice E1903-11.

Prior to the commencement of assessment activities, Louisiana One Call, a utility locating service, was contacted to locate utilities on or adjacent to the subject site. Prior to the field investigation, utilities were marked by the respective utility companies where they entered or were located within the area designated for subsurface exploration. Details of field investigative activities are presented in the following sections.

4.3.1 SOIL BORING INSTALLATION AND SOIL SAMPLING

Drilling of the three (3) borings, designated B-1 through B-3, and the conversion of the borings to temporary groundwater sampling wells were performed by PSI, a Louisiana Licensed Water-Well Contractor (WWC 275), experienced in environmental soil and groundwater sampling.

Soil borings were installed and soil samples were collected using a track-mounted Geoprobe® 7822DT with direct-push techniques. This sampling technology utilizes the advancement of a core sampler consisting of an outer casing in conjunction with an inner removable plastic liner. The core sampler is hammered into the ground through the sample interval and a discrete soil sample is forced into the soil sampler. The sampler, together with the inner soil sample, is retracted from the boring and a soil core measuring 48 inches in length and 1 ½ inches in diameter is removed from the sampler. Two portions (one from each 24 inch interval) of each sample were removed and placed in a mason jar and covered with aluminum foil for field screening. The remaining portions of the sample were kept intact and placed on ice for possible laboratory analysis. Each recovered soil sample was described according to the Unified Soil Classification System by the PSI Phase II Assessor and recorded on a soil boring log. Continuous samples were collected to the completion depth of 15 feet below ground surface (bgs) from borings B-1 through B-3, inclusive. At the completion of each boring, all sampling and drilling equipment were decontaminated using a Liquinox® wash followed by a double rinse with distilled water. Boring logs are included in Appendix A and locations of the soil borings/temporary groundwater monitoring wells are shown on Figure 2.



4.3.2 FIELD SCREENING

Field screening of the soil samples for the presence of soil gas as volatile vapors was performed using a Rae Systems Model PGM 7600 MiniRae 2000 organic vapor monitor (OVM) photo-ionization detector (PID) equipped with a 10.6 eV lamp. The OVM-PID detects volatile vapors as they exist in the pore spaces of the soil. OVM-PID measurements were made by inserting the probe of the OVM-PID detector into the mason jar covered with aluminum foil.

Indications of petroleum hydrocarbons or OVM-PID readings above ambient background (1 part-per-million or ppm) were encountered in boring B-2. The soil sample collected from the 12 to 14 feet bgs interval exhibited an organic vapor reading of 1.5 ppm. Soil samples were collected from the 2 to 4 feet bgs interval (0.5 ppm) from boring B-1 and the 14 to 15 feet bgs interval (0 ppm/bottom of the boring) from boring B-3. Obvious indications of a saturated stratum were not encountered during the investigation.

4.3.3 GROUNDWATER INVESTIGATION

Each borehole was converted into a temporary groundwater sampling well by placing a 10-foot section of 3/4-inch diameter 0.010-inch machine-slotted polyvinyl chloride (PVC) well screen, with sufficient riser to reach ground surface, directly into each borehole. The temporary wells installed in borings B-1, B-2 and B-3 produced sufficient groundwater for sampling. Therefore, after all of the wells were sampled, the casings were removed and each borehole was grouted with cement-bentonite slurry from total depth to ground surface.

4.3.4 ANALYTICAL PROTOCOL

Selected soil samples were submitted by PSI personnel and under chain-of-custody documentation to Accutest Laboratories, an LDEQ-accredited laboratory located in Scott, Louisiana for analysis. Laboratory analysis of soil and groundwater samples consisted of the following LDEQ-specified gasoline indicators (RECAP Table D - 1):

- Gasoline Indicators: BTEX; MTBE by EPA Method 8260; and TPH-GRO by EPA Method 8015.
- <u>Diesel Indicators</u>: TPH-DRO by EPA Method 8015 and PAH by EPA Method 8270.

All volatile soil samples were collected using En Core® VOC samplers and preserved in general accordance with EPA Method 5035. A complete copy of the laboratory analytical report is included in Appendix B, and summaries of analytical results for soil and groundwater samples are included in Table 1 and Table 2.



4.4 SAMPLING RATIONALE AND METHODOLOGY

4.4.1 AREA OF CONCERN #1 - AREA ADJACENT TO OFF SITE UST SYSTEM

Based on the conceptual model for Area of Concern #1 described above, PSI conducted the following investigation to determine whether a release had occurred in this area.

Media Sampled	Location(s)	Target Analytes
Soil Gas	Soil gas screening was performed using an OVM-PID during drilling at two foot intervals in three (3) soil borings advanced on the subject property adjacent to the off-site UST system.	Volatile petroleum constituents
Soil	Three (3) soil borings were advanced along the northwestern property line closest to the off-site UST system. One soil sample was selected from each boring for laboratory analysis.	BTEX and MTBE by EPA Method 8260 TPH-GRO and TPH-DRO by EPA Method 8015 PAH by EPA Method 8270
Groundwater	Three (3) temporary groundwater sampling wells were installed and sampled at the soil boring locations.	BTEX and MTBE by EPA Method 8260 TPH-GRO and TPH-DRO by EPA Method 8015 PAH by EPA Method 8270

Sampling methodologies are further described below.

4.4.2 SOIL SAMPLE SELECTION

One soil sample from each boring was retained for laboratory analysis. Samples retained for laboratory analysis were selected from the two-foot soil screening interval with the highest OVM-PID reading. If all OVM-PID readings were similar, a soil sample was collected from the top of the groundwater-bearing stratum. If groundwater was not encountered, a soil sample was collected from the bottom of the boring. OVM-PID results were recorded on the boring logs in Appendix A.

4.4.3 TEMPORARY GROUNDWATER SAMPLING WELL INSTALLATIONS

Obvious indications of a saturated stratum were not encountered during the investigation. Accordingly, the temporary groundwater monitoring wells were installed with 10 feet of screen to intercept the upper portion of potential groundwater perched in the silty clay layer. Gasoline and diesel fuel constituents are lighter than water (light non-aqueous phase liquids or LNAPLs) and will tend to concentrate at the top of a saturated stratum. Installing the temporary wells to intercept the upper portion of the saturated stratum facilitated collection of discrete groundwater samples from the soil/groundwater interface, thereby increasing the probability of detecting a release



related to gasoline and/or diesel fuel. The temporary wells installed in borings B-1, B-2 and B-3 produced sufficient groundwater for sampling.

4.5 GROUNDWATER ELEVATION MEASUREMENT

The temporary groundwater sampling wells installed in borings B-1 through B-3 produced sufficient groundwater for measurement after waiting at least several hours. The groundwater elevations measured in the temporary wells were 9.10 feet bgs in B-1, 7.11 feet bgs in B-2 and 7.8 feet bgs in B-3.



5 DATA ANALYSIS & INTERPRETATION

The results of the field investigation and laboratory analyses are presented in Tables 1 and 2. Boring logs and laboratory reports are provided in Appendices A and B. Where appropriate, the results are compared with regulatory limits for the chemicals and compounds identified in the applicable media.

5.1 REGULATORY GUIDANCE CONCENTRATIONS

Analytical results were compared to LDEQ RECAP Screening Standards provided in Table 1 of the document, *Risk Evaluation/Corrective Action Program*, Louisiana Department of Environmental Quality, Corrective Action Group, October 20, 2003. Results of comparison to RECAP Screening Standards are discussed in Section 5.4.

5.2 SITE HYDROGEOLOGICAL CHARACTERISTICS

The description of the subsurface conditions provided herein was derived from on-site observations of soil samples and cuttings collected only from the locations where borings were installed. The soil stratigraphy at the subject site was generally constant between soil borings. Based on observations of soil samples and cuttings, the general soil stratigraphy is characterized as follows:

- Borings B-1, B-2, and B-3 were generally brown and gray clay from 0 to 10 feet below grade;
- Brown to gray silty clay from 10 to 12 feet below grade; and
- Brown and gray clay from 12 to 15 feet below grade.

Lithologic logs from borings installed at the site are contained in Appendix A.

All of the borings produced groundwater after conversion to temporary wells. Due to the limited number and linear arrangement of the borings, an accurate determination of groundwater flow direction could not be determined based on depth to groundwater measurements. However, based on surface topography, the groundwater flow would appear to be toward the east southeast.

5.3 DATA VALIDATION

Based on the data evaluation performed by the laboratory and PSI, the data set for the samples collected for this investigation as listed in Tables 1 and 2 is considered to be usable for the Phase II ESA.

All laboratory analysis by contract laboratories was performed in accordance with their laboratory Quality Assurance Plan and approved analytical methods specified in EPA SW-846 and the EPA method reference "Methods for Chemical Analyses of Water and Wastes". The laboratory produced tangible raw data in the form of paper printouts and



computer-generated electronic files. The analytical reports include a quality control (QC) summary section which presents information for the laboratory control samples (LCSs), matrix spike and matrix spike duplicate (MS/MSD) samples, laboratory duplicates, surrogate compound recoveries, and method blanks. All samples were prepared and analyzed within appropriate method holding times. Laboratory analytical data were generated using EPA and LDEQ approved analytical methods, sample quantitation limits are within acceptable limits, and quality control samples were provided periodically to assess potential contamination of samples during collection and shipping and to assess the adequacy of sampling equipment decontamination procedures. The laboratory used laboratory duplicates to assess sample-to-sample analytical precision. The sampling techniques and analytical methods are described above, and the QA/QC procedures, results, and quantitation limits are referenced and/or included in the analytical reports.

The laboratory indicates that the data package was reviewed for both completeness and technical specifications prior to issuance of the reports. The data was reviewed for overall QA/QC requirements of precision, accuracy, and consistency in data presentation and compliance against SW-846 Methods and the Methods for Chemical Analysis of Water and Wastes. The Laboratory Manager authorized the release of the data package through Quality Assurance review.

5.4 SUMMARY OF FIELD SCREENING AND ANALYTICAL RESULTS

5.4.1 AREA OF CONCERN - AREA ADJACENT TO OFF SITE UST SYSTEM

<u>SOIL</u>: PSI installed three (3) borings (B-1, B-2, and B-3) along the northwestern property line of the subject property. The soil samples representing the highest organic vapor reading from borings B-1 and B-2 were submitted for laboratory analysis. This corresponded to the soil samples from 2 to 4 feet bgs from B-1 and 12 to 14 feet bgs from B-2. Organic vapor readings above ambient background and a saturated stratum was not encountered in boring B-3. Therefore, the soil sample was collected from the 14 to 15 feet interval (bottom of the boring) from boring B-3. The soil samples were analyzed for LDEQ-specified gasoline and diesel indicators BTEX, MTBE, TPH-GRO, TPH-DRO, and PAH.

TPH-DRO was detected in soil samples B-1-2-4S at 7.2 milligrams per kilogram (mg/kg), B-2-12-14S at 5.2 mg/kg and B-3-14-15S at 5.3 mg/kg. TPH-GRO was detected in B-1-2-4S at 4.7 mg/kg and B-3-14-15S at 6.6 mg/kg. The TPH-DRO and TPH-GRO detections were below the LDEQ-RECAP Screening Standard for soil protective of groundwater (Soilssgw = 65 mg/kg). All other analytes were below the laboratory reporting limits.

<u>GROUNDWATER</u>: The temporary wells installed in boring B-1 through B-3 produced sufficient groundwater for sampling. Accordingly, groundwater was sampled and analyzed for LDEQ-specified gasoline and diesel indicators BTEX, MTBE, TPH-GRO, TPH-DRO, and PAH.



TPH-GRO was detected in groundwater samples B-2-15W at 0.28 milligrams per liter (mg/L) and B-3-15W at 0.21 mg/L. The TPH-GRO detections were above the LDEQ-RECAP Screening Standard protective of groundwater of 0.15 mg/L (GW_SS).

Based on the methodologies described in this report, the Phase II ESA has provided sufficient information to confirm for the recognized environmental conditions assessed at the subject property, the presence of TPH-GRO under conditions that indicate disposal or release and exceed applicable or relevant and appropriate requirements.

PSI confirmed a release in Area of Concern #1. The conceptual model that was developed for this area appears appropriate and PSI believes that the investigation was appropriate to confirm the hypothesis that a release had occurred, including testing for the appropriate analytes and testing of media and locations that were the most likely to be impacted.

PSI performed a <u>preliminary</u> RECAP Management Option 1 (MO-1) evaluation to determine if the aforementioned exceedances would risk away. Our preliminary evaluation assumes that the highest reported constituent concentrations represent the site maximums. Certain other reasonable assumptions were made for the preliminary evaluation based on previous experiences in similar settings and are discussed below.

Assuming that the Groundwater Classification for the site is the most conservative Groundwater 1 (GW1), the preliminary MO-1 Standard for TPH-GRO in groundwater is 0.34 mg/L (LDEQ RECAP Table 3).

Based on the above, the TPH-GRO exceedances of GW_{SS} would risk away under MO-1. However, concurrence with this finding by the LDEQ will be required in order to obtain a "No Further Interest" determination for the subject property. Additional information may be required to obtain LDEQ concurrence with this finding.



6 CONCLUSIONS

PSI has performed a Phase II Environmental Site Assessment in general conformance with the scope and limitations of the ASTM Standard E 1903-11 Standard Practice and PSI Proposal No. 0259-85132 for the subject property located at 150 Lobdell Highway in Port Allen, Louisiana. Any exceptions to or deletions from the work scope are discussed earlier in this report. Based on an evaluation of the findings of this assessment, the following conclusions and recommendations have been developed.

6.1 CONCLUSIONS FOR AREA OF CONCERN #1 – OFF SITE UST SYSTEM

Hypothesis Statement	Was the Hypothesis Confirmed?
A release of petroleum products has occurred in the off-site UST area that has impacted soil and/or groundwater at the subject property at concentrations above RECAP Screening Standards.	Yes.

TPH-DRO was detected in soil samples B-1-2-4S at 7.2 milligrams per kilogram (mg/kg), B-2-12-14S at 5.2 mg/kg and B-3-14-15S at 5.3 mg/kg. TPH-GRO was detected in B-1-2-4S at 4.7 mg/kg and B-3-14-15S at 6.6 mg/kg. The TPH-DRO and TPH-GRO detections were below the LDEQ-RECAP Screening Standard for soil protective of groundwater (Soilssgw = 65 mg/kg). All other analytes were below the laboratory reporting limits. Please refer to Table 1.

TPH-GRO was detected in groundwater samples B-2-15W at 0.28 milligrams per liter (mg/L) and B-3-15W at 0.21 mg/L. The TPH-GRO detections were above the LDEQ-RECAP Screening Standard protective of groundwater of 0.15 mg/L (GW_SS). Please refer to Table 2.

The Phase II ESA has provided sufficient information to confirm for the recognized environmental conditions assessed at the subject property, the presence of TPH-GRO under conditions that indicate disposal or release and exceed applicable or relevant and appropriate requirements, (i.e., RECAP Screening Standards).

PSI performed a <u>preliminary</u> RECAP Management Option 1 (MO-1) evaluation to determine if the aforementioned exceedances would risk away. Our preliminary evaluation assumes that the highest reported constituent concentrations represent the site maximums. Certain other reasonable assumptions were made for the preliminary evaluation based on previous experiences in similar settings and are discussed below.

Assuming that the Groundwater Classification for the site is the most conservative Groundwater 1 (GW1), the preliminary MO-1 Standard for TPH-GRO in groundwater is 0.34 mg/L (LDEQ RECAP Table 3).



Based on the above, the TPH-GRO exceedances of GW_{SS} would risk away under MO-1. However, concurrence with this finding by the LDEQ will be required in order to obtain a "No Further Interest" determination for the subject property. Additional information may be required to obtain LDEQ concurrence with this finding.



7 WARRANTY

7.1 WARRANTY

PSI warrants that the findings and conclusions reported herein were conducted in general accordance with ASTM E 1903-11 Standard Practice. These methodologies are described by the Standard Practice as representing good commercial and customary practice for conducting a Phase II Environmental Site Assessment of a parcel of property for the purpose of evaluating recognized environmental conditions. However, these findings and conclusions contain all of the limitations inherent in these methodologies which are referred to in the Standard Practice and some of which are more specifically set forth below. The conclusions presented in the report are based solely on the services described herein and not on scientific tasks or procedures beyond the scope of agreed upon services.

The Phase II Environmental Site Assessment has been developed to provide the client with information regarding apparent indications of recognized environmental conditions relating to the subject property. It is necessarily limited to the conditions observed and to the information available at the time of the work. The assessment and conclusions presented herein were based upon the subjective evaluation of limited data. They may not represent all conditions at the subject site as they reflect the information gathered from specific locations. PSI warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental investigation methodology and only for the site described in this report. The findings set forth in this report are strictly limited to the date of the evaluation.

The scope of the Phase II ESA was developed specifically to meet the client's stated objectives and the data that was developed may not be suitable for use to satisfy other objectives. Any limitations on the data to meet the client's stated objectives are described in the report.

Due to the limited nature of the work, there is a possibility that there may exist conditions which could not be identified within the scope of the assessment or which were not apparent at the time of report preparation. It is also possible that the testing methods employed at the time of the report may later be superseded by other methods. The description, type, and composition of what are commonly referred to as "hazardous materials or conditions" can also change over time. PSI does not accept responsibility for changes in the state of the art, nor for changes in the scope of various lists of hazardous materials or conditions. PSI believes that the findings and conclusions provided in this report are reasonable. However, no other warranties are implied or expressed.

The Phase II ESA did not include a quantitative human health risk assessment.



Analytical data contained in this report is limited to the corresponding sampling location, depth, sampled material, selected range of analyses and laboratory reporting limits. Additional chemical constituents not searched for during the current study, may be present in soil, soil gas and/or groundwater at the site.

The location and concentration of contaminants can vary over time due to seasonal water table fluctuations, past disposal practices, the passage of time and other factors.

The Phase II ESA is intended to develop and present sound, scientifically valid data concerning actual site conditions. It is not the role of the Phase II Assessor to provide legal or business advice.

7.2 USE BY THIRD PARTIES

This report was prepared pursuant to the contract PSI has with McDonald's Corporation. That contractual relationship included an exchange of information about the subject site that was unique and between PSI and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between PSI and its client, reliance or any use of this report by anyone other than McDonald's Corporation, for whom it was prepared, is prohibited and therefore not foreseeable to PSI.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to PSI's contract with McDonald's Corporation. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

Third party reliance letters may be issued on request and payment of the, then current fee for such letters. All third parties relying on PSI's reports, by such reliance, agree to be bound by the proposal and PSI's General Conditions. No reliance by any party is permitted without such agreement, regardless of the content of the reliance letter itself.



8 REFERENCES

Phase I Environmental Site Assessment, McDonald's Restaurant, Port Allen, Louisiana, PSI Project No. 0259417, December 13, 2012

ASTM E 1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process

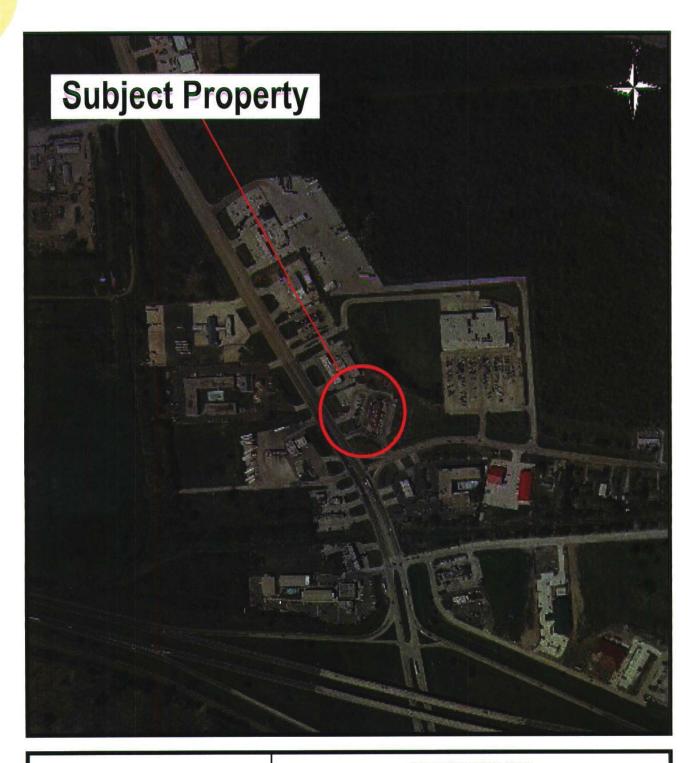
U.S. Environmental Protection Agency (EPA), 1986, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, Updates I, II, IIA, IIB, III, and IIIA, USEPA Publication SW-846, Office of Solid Waste, Washington, DC.

Louisiana Department of Environmental Quality (LDEQ) and Louisiana Department of Transportation and Development, 2000, Construction of Geotechnical Boreholes and Groundwater Monitoring Systems Handbook, December, 2000.

Risk Evaluation/Corrective Action Program (RECAP), Louisiana Department of Environmental Quality, Corrective Action Group, October 20, 2003.



FIGURES





SITE LOCATION MAP

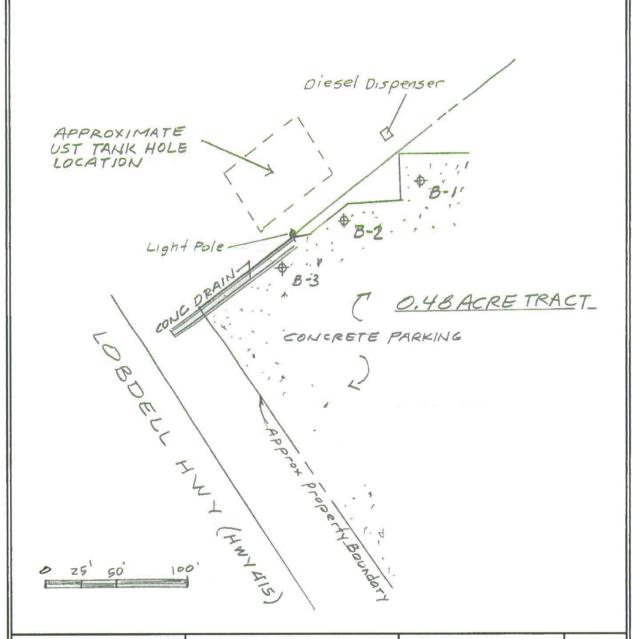
0.48 Acre Tract of Land - Port Allen, LA

150 Lobdell Hwy

Port Allen, Louisiana

PREPARED FOR: McDonald's Corporation

PROJ. MGR: William Penick DATE: 01/30/2013
DRAWN BY: William Penick PROJ. #: 0259422





PSI, Inc. 11950 Industriplex Blvd. Baton Rouge, Louisiana 70809 (225) 293-8378 Fax (225) 292-8132 PROJECT NAME:

Phase II ESA

0.48 Acre Tract Lobdell Hwy (LA 415) Port Allen, Louisiana

PROJECT NO.: 0259422

BORING LOCATION MAP



Figure 2

TABLES

Table 1 Soil Analytical Summary McDonald's Restaurant Port Allen, Louisiana

Sample ID	Units	TPH-GRO	TPH-DRO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	PAH
B-1-2-4S	mg/Kg	4.7	7.2	<0.023	<0.23	<0.23	<0.23	<0.046	<0.033
B-2-12-14S	mg/Kg	<5.1	5.2	<0.026	<0.26	<0.26	<0.26	<0.051	<0.033
B-3-14-15S	mg/Kg	6.6	5.3	<0.027	<0.27	<0.27	<0.27	<0.054	<0.033
RECAP Soilssgw	mg/Kg	65	65	0.051	20	19	150	0.077	Note ¹
RECAP Soil _{ssi}	mg/Kg	510	510	3.1	470	230	120	4,700	Note ¹
RECAP Soil _{ssni}	mg/Kg	65	65	1.5	68	160	18	650	Note ¹

Footnotes:

"<" = less than

mg/Kg = milligrams per kilogram

RECAP Soilssgw = Risk Evaluation Corrective Action Program

Screening Standard for soil protective of groundwater.

RECAP Soilssi = Risk Evaluation Corrective Action Program Screening Standard for

soil in an industrial setting.

RECAP Soil_{ssni} = Risk Evaluation Corrective Action Program Screening Standard

for soil in a non-industrial setting.

TPH – GRO = Total Petroleum Hydrocarbons – Gasoline Range Organics

TPH - DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

PAH = Polynuclear Aromatic Hydrocarbons

MTBE = Methyl tert-butyl ether

Note¹ = Refer to RECAP Table 1 for individual Screening Standards for PAHs. (No exceedances reported.)

Table 2 Groundwater Analytical Summary McDonald's Restaurant Port Allen, Louisiana

Sample ID	Units	TPH-GRO	TPH-DRO	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE	PAHs
B-1-15W	mg/L	<0.1	<0.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.00018
B-2-15W	mg/L	0.28	<0.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.00018
B-3-15W	mg/L	0.21	<0.15	<0.005	<0.005	<0.005	<0.005	<0.005	<0.00018
RECAP GW _{ss}	mg/L	0.15	0.15	0.005	1.0	0.7	10.0	0.02	Note ¹
RECAP MO-1 ²	mg/L	0.34							

Footnotes:

"<" = less than

mg/L = milligrams per liter

RECAP GW_{ss} = Risk Evaluation Corrective Action Program

Groundwater Screening Standard..

TPH - GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics

TPH - DRO = Total Petroleum Hydrocarbons - Diesel Range Organics

MTBE = Methyl tert-butyl ether

PAH = Polynuclear Aromatic Hydrocarbons

RED = Exceeds RECAP Groundwater Screening Standard

Note¹ = Refer to RECAP Table 1 for individual Screening Standards for PAHs. (No exceedances reported.)

Note² = Assumes a GW1 groundwater classification and LDEQ concurrence.

APPENDIX A BORING LOGS

LOG OF BORING B-1

McDonald's Phase II Port Allen, Louisiana

DRILLIN				Direct Push	BORING COORDINATES: GRADE ELEVATION: BORING DEPTH:		W FT NGVD Feet
DEPTH, FT.	SOIL TYPE	SAMPLES		DESCRIPTION	WATER LEVEL	OVA READING (ppm)	Sample sent to
5			(SM)	4 inches concrete and gravel to 2 feet followed by loose brown SAND to 3.7 feet loose, gray Medium gray and brown CLAY		0.1 0.5 0.3 0.1 0.1	2-4
15			(CL)	mostly gray with scattered ferrous nodules below 13 feet		0.1	
25 30 35 40 45				Boring terminated at 15 feet below grade and backfilled with cement/bentonite grout Background OVA = 0.0 ppm			
PSI PR		T NO		259422 CLIENT: McDonalld'a Corporation		SHEET	1 OF 1

LOG OF BORING B-2

McDonald's Phase II Port Allen, Louisiana

DRILLING CO.: PSI		BORING COORDINATES: GRADE ELEVATION:	N	W FT NGVD
TYPE OF BORING:	Direct Push	BORING DEPTH:	15	Feet
SOIL TYPE SAMPLES	DESCRIPTION	WATER LEVEL	OVA READING (ppm)	Sample sent to lab
10 (CL) (CH) 15 20 20 30 30 30 35	soft, with silt medium, gray with ferric stains soft, with silt medium gray and brown with scattered ferric nodules soft gray and dark gray Soft gray and dark gray SILTY CLAY		0.7 0.9 0.9 1.2 1.1 1.4 1.5	12-14
40 45 50 PSI PROJECT NO. : DATE: 01/11/2013	259422 CLIENT: McDonalld'a Corporation		SHEET	1 OF 1

LOG OF BORING B-3

McDonald's Phase II Port Allen, Louisiana

DESCRIPTION 4 inches concrete followed by soft Brown and gray CLAY soft, gray, with silt medium, brown and gray, with silt and scattered ferrous nodules and stains stiff soft, gray with small roots at 7 feet with calcareous nodules 9 to 10 feet Soft gray SILTY CLAY root at 11.5 feet Stiff gray Clay below 11.5 feet medium, with ferrous nodules	DRILLING CO. : PSI TYPE OF BORING:	Direct Push	BORING COORDINATES: GRADE ELEVATION: BORING DEPTH:		W FT NGVD Feet
4 inches concrete followed by soft Brown and gray CLAY soft, gray, with silt medium, brown and gray, with silt and scattered ferrous nodules and stains stiff soft, gray with small roots at 7 feet with calcareous nodules 9 to 10 feet Soft gray SiLTY CLAY not at 11.5 feet Stiff gray Clay below 11.5 feet medium, with ferrous nodules with silt Boring terminated at 15 feet below grade and backfilled with cement/bentonite grout Background OVA = 0.0 ppm 40 40 40 40					
medium, brown and gray, with silt and scattered ferrous nodules and stains stiff soft, gray with small roots at 7 feet with calcareous nodules 9 to 10 feet Soft gray SILTY CLAY root at 11.5 feet Stiff gray Clay below 11.5 feet medium, with ferrous nodules with silt Boring terminated at 15 feet below grade and backfilled with cement/bentonite grout Background OVA = 0.0 ppm 35 36 40 40 40	-(//)	4 inches concrete followed by soft Brown and gray CLAY		0.0	
5 medium, brown and gray, with silt and scattered ferrous nodules and stains stiff soft, gray with small roots at 7 feet with calcareous nodules 9 to 10 feet with calcareous nodules 9 to 10 feet mot at 11.5 feet medium, with ferrous nodules with silt medium, with ferrous nodules with silt Boring terminated at 15 feet below grade and backfilled with cement/bentonite grout Background OVA = 0.0 ppm Background OVA = 0.0 ppm	///	soft, gray, with silt	1 1	0.0	
and stains stiff soft, gray with small roots at 7 feet soft, gray SILTY CLAY root at 11.5 feet medium, with ferrous nodules with silt Boring terminated at 15 feet below grade and backfilled with cement/bentonite grout Background OVA = 0.0 ppm 35 36 40	. ///			0.0	
soft, gray with small roots at 7 feet with calcareous nodules 9 to 10 feet Soft gray SILTY CLAY root at 11.5 feet Sliff gray Clay below 11.5 feet medium, with ferrous nodules with silt Boring terminated at 15 feet below grade and backfilled with cement/bentonite grout Background OVA = 0.0 ppm 35 36 40	<u> </u>	and stains	1 1		
with calcareous nodules 9 to 10 feet Soft gray SILTY CLAY root at 11.5 feet Stiff gray Clay below 11.5 feet medium, with ferrous nodules with silt Boring terminated at 15 feet below grade and backfilled with cement/bentonite grout Background OVA = 0.0 ppm 35 40	///			0.0	
Soft gray SILTY CLAY root at 11.5 feet Stiff gray Clay below 11.5 feet medium, with ferrous nodules with silt Boring terminated at 15 feet below grade and backfilled with cement/bentonite grout Background OVA = 0.0 ppm 30 40				0.0	
root at 11.5 feet Stiff gray Clay below 11.5 feet medium, with ferrous nodules with silt Boring terminated at 15 feet below grade and backfilled with cement/bentonite grout Background OVA = 0.0 ppm 35 40	10		- 1	0.0	
medium, with ferrous nodules with silt Boring terminated at 15 feet below grade and backfilled with cement/bentonite grout Background OVA = 0.0 ppm 25 30 40		root at 11.5 feet	_		
Boring terminated at 15 feet below grade and backfilled with cement/bentonite grout Background OVA = 0.0 ppm 25 30 40				0.0	
with cement/bentonite grout Background OVA = 0.0 ppm 25 30 40	15		_	0.0	14-15
50	35 30 40 45	with cement/bentonite grout			

KEY TO TERMS AND SYMBOLS USED ON LOGS

SOIL TYPE













SAMPLER TYPE





TUBE



MODIFIERS











NO RECOVERY

NO

SAMPLE



SAMPLE





UNIFIED SOIL CLASSIFICATION SYSTEM - ASTM D 2487 (1980)

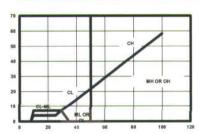
	MAJOR DIVISIONS		LETTER SYMBOL	TYPICAL DESCRIPTIONS
COARSE	GRAVEL & CLEAN SE GRAVELY GRAVEL		GW	WELL GRADED GRAVEL, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
GRAINED	SOILS	NO FINES	GP	POORLY GRADED GRAVEL, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
LESS	50% PASSING	W/ APPRECIA-	GM	SILTY GRAVEL, GRAVEL-SAND-SILT MIXTURES
THAN	NO. 4 SIEVE	BLE FINES	GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
50%	SANDS	CLEAN SANDS	SW	WELL GRADED SAND, GRAVELY SAND (LITTLE FINES)
PASSING	MORE THAN	LITTLE FINES	SP	POORLY GRADED SANDS, GRAVELY SAND (LITTLE FINES)
NO. 200	50% PASSING	SANDS WITH	SM	SILTY SANDS, SAND-SILT MIXTURES
SIEVE	NO. 4 SIEVE APPRE. FINES		SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE	SILTS AND CLAYS		ML	INORGANIC SILTS & VERY FINE SANDS, ROCK FLOUR SILTY OR CLAYEY FINE SANDS OR CLAYEY SILT W/LOW PI
GRAINED	1792-20	IID LIMIT	CL	INORGANIC CLAY OF LOW TO MEDIUM PI LEAN CLAY GRAVELY CLAYS, SANDY CLAYS, SILTY CLAYS
MORE	DESIGN.		OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PI
THAN	SILTS	AND CLAYS	мн	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
PASSING NO. 200	LIQUID LIMIT GREATER THAN 50		СН	INORGANIC CLAYS OF HIGH PLASTICITY FAT CLAYS
SIEVE			ОН	ORGANIC CLAYS OF MED TO HIGH PI, ORGANIC SILT
	HIGHLY ORGANI	C SOIL	PT	PEAT AND OTHER HIGHLY ORGANIC SOILS
UNCLASSIFIED FILL MATERIALS		ARTIFICIAL	LLY DEPOSITED AND OTHER UNCLASSIFIED SOILS AND MAI MADE SOIL MIXTURES	

CONSISTENCY OF COHESIVE SOILS

CONSISTENCY	UNCONFINED COMPRESSIVE STRENGTH IN TONS/FT ²
VERY SOFT	0.0 TO 0.25
SOFT	0.25 TO 0.50
FIRM	0.50 TO 1.0
STIFF	1.0 TO 2.0
VERY STIFF	2.0 TO 4.0
HARD	> 4.0 OR 4.0+

RELATIVE DENSITY - GRANULAR SOILS

CONSISTENCY	N-VALUE (BLOWS/FOOT)
VERY LOOSE	0-4
LOOSE	4-9
MEDIUM DENSE	10-29
DENSE	30-49
VERY DENSE	> 50 OR 50+



ABBREVIATIONS

HP - HAND PENETROMETER

UC - UNCONFINED COMPRESSION TEST

TV - TORVANE

UU - UNCONSOLIDATED UNDRAINED TRAIXIAL

MV - MINIATURE VANE

CU - CONSOLIDATED UNDRAINED

NOTE: PLOT INDICATES SHEAR STRENGTH AS OBTAINED BY ABOVE TESTS CLASSIFICATION OF GRANULAR SOILS - FIRST WATER ENCOUNTERED

SECOND WATER **ENCOUNTERED**

U.S. STANDARD SIEVE SIZE(S)

3/4" 10 40 200 3" BOUL-GRAVEL SAND SILT OR CLAY CLAY COARSE MEDIUM -DERS COBBLES COARSE FINE FINE 0.42 0.002 76.2 19.1 4.76 2.0 0.074 **GRAIN SIZE IN MM**

APPENDIX B LABORATORY ANALYTICAL REPORTS



500 AMBASSADOR CAFFERY PARKWAY SCOTT, LA 70583 (337) 237-4775

Case Narrative for:

PROFESSIONAL SERVICE INDUSTRIES

Certificate of Analysis Number:

L0024661

Report To:

PROFESSIONAL SERVICE INDUSTRIES

BILL PENICK

11950 INDUSTRIPLEX BLVD

BATON ROUGE

LA

70809-

ph: (225) 293-8378

fax: (225) 292-8132

Project Name:

0259422/ PHASE II

Site:

MCDONALDS-PORT ALLEN, LA

Site Address:

PO Number:

State:

Louisiana

State Cert. No.:

02048

Date Reported:

1/21/2013

NOTE: THIS REPORT HAS BEEN AMENDED FROM THE ORIGINAL. THIS REPORT REPLACES IN ITS ENTIRETY ANY PREVIOUSLY SUBMITTED COPY. The sample originally identified as B-2-15S collected 1/11/13 at 10:50am on the chain of custody has been changed to B-2-15W as per Bill Penick's email request.

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.

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.

austina C. Dhibeaux

L0024661 Page 1

1/21/2013

Cristina Thibeaux

Project Manager

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

0259422/ PHASE II

MCDONALDS-PORT ALLEN, LA

PROFESSIONAL SERVICE INDUSTRIES

Certificate of Analysis Number:

L0024661

Report To:

Fax To:

PROFESSIONAL SERVICE INDUSTRIES

BILL PENICK

11950 INDUSTRIPLEX BLVD

BATON ROUGE

LA

70809-

ph: (225) 293-8378

fax: (225) 292-8132

PO Number:

Project Name:

Site Address:

Site:

State:

State Cert. No.:

Louisiana 02048

Date Reported:

1/21/2013

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COCID	HOLD
B-1-2-4S	L0024661-01	Soil	01/11/2013 8:00	1/11/2013 4:50:00 PM		
B-1-15W	L0024661-02	Water	01/11/2013 10:30	1/11/2013 4:50:00 PM		
B-2-12-14S	L0024661-03	Soil	01/11/2013 9:00	1/11/2013 4:50:00 PM		
B-2-15W	L0024661-04	Water	01/11/2013 10:50	1/11/2013 4:50:00 PM		
B-3-14-15S	L0024661-05	Soil	01/11/2013 9:45	1/11/2013 4:50:00 PM		
B-3-15W	L0024661-06	Water	01/11/2013 11:25	1/11/2013 4:50:00 PM		
ТВ	L0024661-07	Water	01/11/2013 0:00	1/11/2013 4:50:00 PM		

austina C. Dhibeaus

1/21/2013

Date

Cristina Thibeaux Project Manager

> Ron Benjamin Laboratory Director

Rebecca Haryett

Quality Assurance Officer

Version 2.1 - Modified February 11, 2011

L0024661 Page 2 1/21/2013 10:30:17 AM



500 AMBASSADOR CAFFERY PARKWAY

SCOTT, LA 70583 (337) 237-4775

Client Sample ID: B-1-2-4S

Collected: 01/11/2013 8:00

Lab Sample ID:

L0024661-01

Site:	MCDON	ALDS-PORT	ALLEN,	LA
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Analyses/Method	Result	QUAL	R	ep.Limit		il. Fact	or Date Analy	zed	Analyst	Seq. #
RECAP DIESEL RANGE ORGANI	CS BY ME	THOD 801	5C		MCL		SW8015C	Un	its: mg/Kg	
Diesel Range Organics (C10-C28)	7.2			3.3		1	01/16/13	1:38	DF	4869966
Surr: o-Terphenyl	84.9		%	38-135		1	01/16/13	1:38	DF	4869966

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	01/15/2013 8:00	ARJ	1.00

RECAP GASOLINE RANGE ORGA	ANICS			MCL		SW8015C	Un	its: mg/Kg	
Gasoline Range Organics (C6-C10)	4.7		4.6		50	01/14/13 2	23:09	JHP	4867753
Surr: 1,4-Difluorobenzene	93.5	%	52-140		50	01/14/13 2	23:09	JHP	4867753
Surr: 4-Bromofluorobenzene	96.8	%	63-139		50	01/14/13 2	23:09	JHP	4867753

Prep Method	hod Prep Date		Prep Factor
SW 5035	01/12/2013 11:03	LP	0.93

ECAP PAH BY EPA 8270D				MCL		SW8270D	Un	its: mg/Kg	
2-Methylnaphthalene	ND		0.033		1	01/15/13	17:33	LDD	4869561
Acenaphthene	ND		0.033		1	01/15/13	17:33	LDD	486956
Acenaphthylene	ND		0.033		1	01/15/13	17:33	LDD	486956
Anthracene	ND		0.033		1	01/15/13	17:33	LDD	486956
Benz(a)anthracene	ND		0.033		1	01/15/13	17:33	LDD	486956
Benzo(a)pyrene	ND		0.033		1	01/15/13	17:33	LDD	486956
Benzo(b)fluoranthene	ND		0.033		1	01/15/13	17:33	LDD	486956
Benzo(k)fluoranthene	ND		0.033		1	01/15/13	17:33	LDD	486956
Chrysene	ND		0.033		1	01/15/13	17:33	LDD	486956
Dibenz(a,h)anthracene	ND		0.033		1	01/15/13	17:33	LDD	486956
Fluoranthene	ND		0.033		1	01/15/13	17:33	LDD	486956
Fluorene	ND		0.033		1	01/15/13	17:33	LDD	4869561
Indeno(1,2,3-cd)pyrene	ND		0.033		1	01/15/13	17:33	LDD	4869561
Naphthalene	ND		0.033		1	01/15/13	17:33	LDD	4869561
Phenanthrene	ND		0.033		1	01/15/13	17:33	LDD	4869561
Pyrene	ND		0.033		1	01/15/13	17:33	LDD	486956
Surr: 2-Fluorobiphenyl	70.9	%	43-128		1	01/15/13	17:33	LDD	4869561
Surr: 4-Terphenyl-d14	85.8	%	51-136		1	01/15/13	17:33	LDD	486956
Surr: Nitrobenzene-d5	83.2	%	47-134		1	01/15/13	17:33	LDD	486956

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	01/15/2013 8:00	ARJ	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

L0024661 Page 3 1/21/2013 10:31:03 AM



ACCUTEST GULF COAST 500 AMBASSADOR CAFFERY PARKWAY SCOTT, LA 70583 (337) 237-4775

Client Sample ID: B-1-2-4S

Collected: 01/11/2013 8:00

Lab Sample ID:

L0024661-01

Site:	MCDONAL	DS-PORT	ALLEN, I	_A

Analyses/Method	Result	QUAL	R	ep.Limit	Dil. Facto	or Date Analy	zed	Analyst	Seq. #
VOLATILE ORGANICS : METHO	DD 8260B				MCL	SW8260B	Un	its: mg/Kg	
Benzene	ND			0.023	50	01/14/13 1	6:19	IHK	4868400
Ethylbenzene	ND			0.23	50	01/14/13 1	6:19	IHK	4868400
Methyl tert-butyl ether	ND			0.046	50	01/14/13 1	6:19	IHK	4868400
Toluene	ND			0.23	50	01/14/13 1	6:19	IHK	4868400
m,p-Xylene	ND			0.23	50	01/14/13 1	6:19	IHK	4868400
o-Xylene	ND			0.23	50	01/14/13 1	6:19	IHK	4868400
Xylenes, Total	ND			0.23	50	01/14/13 1	6:19	IHK	4868400
Surr: 1,2-Dichloroethane-d4	88.2		%	59-143	50	01/14/13 1	6:19	IHK	4868400
Surr: 4-Bromofluorobenzene	97.4		%	38-183	50	01/14/13 1	6:19	IHK	4868400
Surr: Toluene-d8	90.3		%	52-159	50	01/14/13 1	6:19	IHK	4868400
The second secon						Annual Control of the			_

Prep Method	Prep Date	Prep Initials	Prep Factor
SW 5035	01/12/2013 11:03	LP	0.93

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

L0024661 Page 4 1/21/2013 10:31:05 AM



ACCUTEST GULF COAST 500 AMBASSADOR CAFFERY PARKWAY

SCOTT, LA 70583 (337) 237-4775

Client Sample ID: B-1-15W

Collected: 01/11/2013 10:30

Lab Sample ID:

L0024661-02

Site:	MCDONAL	DS-PORT	ALLEN, LA
Site.	MICOCIAME	DO-LOIVI	WEFFIA FW

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	d Analyst	Seq. #
PAHS BY EPA 8270D				MCL SV	V8270D L	Inits: mg/L	
2-Methylnaphthalene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Acenaphthene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Acenaphthylene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Anthracene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Benz(a)anthracene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Benzo(a)pyrene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Benzo(b)fluoranthene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Benzo(k)fluoranthene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Chrysene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Dibenz(a,h)anthracene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Fluoranthene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Fluorene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Indeno(1,2,3-cd)pyrene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Naphthalene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Phenanthrene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Pyrene	ND		0.00018	1	01/15/13 13:5	3 LDD	4868914
Surr: 2-Fluorobiphenyl	79.4		% 41-124	1	01/15/13 13:5	3 LDD	4868914
Surr: 4-Terphenyl-d14	92.8		% 36-129	1	01/15/13 13:5	3 LDD	4868914
Surr: Nitrobenzene-d5	89.8		% 40-134	1	01/15/13 13:5	3 LDD	4868914
Prep Method	Prep Date	Prep Initials	Prep Factor				
014105400	04/44/0040 0 04	17	0.04				

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/14/2013 8:04	JT	0.91

RECAP DIESEL RANGE ORGANIC	CS BY METHO	D 8015C		MCL	S	W8015C	Un	its: mg/L	
Diesel Range Organics (C10-C28)	ND		0.15		1	01/16/13	2:50	E_G	4871009
Surr: o-Terphenyl	106	%	47-125		1	01/16/13	2:50	E_G	4871009

Prep Method	Prep Date	Prep Initials	Prep Factor	
SW3511	01/14/2013 8:52	DGP	1.00	

RECAP GASOLINE RANGE ORGANICS				MCL	SW8015C	Un	its: mg/L	
Gasoline Range Organics (C6-C10)	ND		0.1	1	01/18/1			4873957
Surr: 1,4-Difluorobenzene	102	%	70-135	1	01/18/1	3 2:42	JHP	487395
Surr: 4-Bromofluorobenzene	102	%	89-126	1	01/18/1	3 2:42	JHP	487395

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

L0024661 Page 5 1/21/2013 10:31:09 AM



ACCUTEST GULF COAST 500 AMBASSADOR CAFFERY PARKWAY

SCOTT, LA 70583 (337) 237-4775

Client Sample ID: B-1-15W

Collected: 01/11/2013 10:30

Lab Sample ID:

L0024661-02

Site:	MCDONA	LDS-PORT	ALLEN, LA
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Analyses/Method	Result	QUAL	R	ep.Limit	Dil. Fact	or Date Analy	zed	Analyst	Seq. #
VOLATILE ORGANICS:METHO	D 8260B:BT	EX+MTBE			MCL	SW8260B	Ur	its: mg/L	
Benzene	ND			0.005	1	01/15/13 1	6:24	IHK	4870389
Ethylbenzene	ND			0.005	1	01/15/13 1	6:24	IHK	4870389
Methyl tert-butyl ether	ND			0.005	1	01/15/13 1	6:24	IHK	4870389
Toluene	ND			0.005	1	01/15/13 10	6:24	IHK	4870389
m,p-Xylene	ND			0.005	1	01/15/13 10	6:24	IHK	4870389
o-Xylene	ND			0.005	1	01/15/13 1	6:24	IHK	4870389
Xylenes,Total	ND			0.005	1	01/15/13 1	6:24	IHK	4870389
Surr: 1,2-Dichloroethane-d4	90.0		%	84-124	1	01/15/13 1	6:24	IHK	4870389
Surr: 4-Bromofluorobenzene	98.3		%	89-111	1	01/15/13 1	6:24	IHK	4870389
Surr: Toluene-d8	99.3		%	83-115	1	01/15/13 1	6:24	IHK	4870389

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

L0024661 Page 6 1/21/2013 10:31:11 AM



500 AMBASSADOR CAFFERY PARKWAY

SCOTT, LA 70583 (337) 237-4775

Client Sample ID: B-2-12-14S

Collected: 01/11/2013 9:00

Lab Sample ID:

L0024661-03

Site:	MCDONA	LDS-PORT	ALLEN,	LA
-------	--------	----------	--------	----

Analyses/Method	Result	QUAL	R	ep.Limit	D	il. Factor	Date Analyze	ed Analyst	Seq. #
RECAP DIESEL RANGE ORGANI	CS BY ME	THOD 80	15C		MCL	S	W8015C	Units: mg/Kg	
Diesel Range Organics (C10-C28)	5.2			3.3		1	01/15/13 22:	59 DF	4869957
Surr: o-Terphenyl	85.4		%	38-135		1	01/15/13 22:	59 DF	4869957

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	01/15/2013 8:00	ARJ	1.00

RECAP GASOLINE RANGE ORGA	ANICS			MCL		SW8015C	Un	its: mg/Kg	
Gasoline Range Organics (C6-C10)	ND		5.1		50	01/14/13	23:40	JHP	4867754
Surr: 1,4-Difluorobenzene	95.5	%	52-140	l)	50	01/14/13	23:40	JHP	4867754
Surr: 4-Bromofluorobenzene	97.6	%	63-139		50	01/14/13	23:40	JHP	4867754

Prep Method	Prep Date	Prep Initials	Prep Factor
SW 5035	01/12/2013 11:01	LP	1.02

ECAP PAH BY EPA 8270D				MCL		SW8270D	Ur	its: mg/Kg	
2-Methylnaphthalene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Acenaphthene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Acenaphthylene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Anthracene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Benz(a)anthracene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Benzo(a)pyrene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Benzo(b)fluoranthene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Benzo(k)fluoranthene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Chrysene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Dibenz(a,h)anthracene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Fluoranthene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Fluorene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Indeno(1,2,3-cd)pyrene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Naphthalene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Phenanthrene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Pyrene	ND		0.033		1	01/15/13	17:58	LDD	4869562
Surr: 2-Fluorobiphenyl	76.5	%	43-128		1	01/15/13	17:58	LDD	4869562
Surr: 4-Terphenyl-d14	92.4	%	51-136		1	01/15/13	17:58	LDD	4869562
Surr: Nitrobenzene-d5	90.3	%	47-134		1	01/15/13	17:58	LDD	4869562

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	01/15/2013 8:00	ARJ	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

L0024661 Page 7



ACCUTEST GULF COAST 500 AMBASSADOR CAFFERY PARKWAY

SCOTT, LA 70583 (337) 237-4775

Client Sample ID: B-2-12-14S

Collected: 01/11/2013 9:00

Lab Sample ID:

L0024661-03

Site:	MCDONAL	DS-PORT	ALLEN,	LA
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Analyses/Method	Result	QUAL	Rep	.Limit	Dil. Fact	or Date Anal	yzed	Analyst	Seq. #
VOLATILE ORGANICS : METH	OD 8260B				MCL	SW8260B	Uı	nits: mg/Kg	
Benzene	ND			0.026	50	01/14/13	16:48	IHK	4868401
Ethylbenzene	ND			0.26	50	01/14/13	16:48	IHK	4868401
Methyl tert-butyl ether	ND			0.051	50	01/14/13	16:48	IHK	4868401
Toluene	ND			0.26	50	01/14/13	16:48	IHK	4868401
m,p-Xylene	ND			0.26	50	01/14/13	16:48	IHK	4868401
o-Xylene	ND			0.26	50	01/14/13	16:48	IHK	4868401
Xylenes,Total	ND			0.26	50	01/14/13	16:48	IHK	4868401
Surr: 1,2-Dichloroethane-d4	85.9		%	59-143	50	01/14/13	16:48	IHK	4868401
Surr: 4-Bromofluorobenzene	97.0		%	38-183	50	01/14/13	16:48	IHK	4868401
Surr: Toluene-d8	91.5		%	52-159	50	01/14/13	16:48	IHK	4868401

Prep Method	Prep Date	Prep Initials	Prep Factor
SW 5035	01/12/2013 11:01	LP	1.02

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

L0024661 Page 8 1/21/2013 10:31:16 AM



ACCUTEST GULF COAST 500 AMBASSADOR CAFFERY PARKWAY SCOTT, LA 70583 (337) 237-4775

Client Sample ID:B-2-15W

Collected: 01/11/2013 10:50

Lab Sample ID:

L0024661-04

	Site:	MCDONA	LDS-PORT	ALLEN,	LA
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Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
PAHS BY EPA 8270D				MCL SV	V8270D U	nits: mg/L	
2-Methylnaphthalene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Acenaphthene	ND		0.00018	11	01/15/13 14:15	LDD	4868915
Acenaphthylene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Anthracene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Benz(a)anthracene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Benzo(a)pyrene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Benzo(b)fluoranthene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Benzo(k)fluoranthene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Chrysene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Dibenz(a,h)anthracene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Fluoranthene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Fluorene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Indeno(1,2,3-cd)pyrene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Naphthalene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Phenanthrene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Pyrene	ND		0.00018	1	01/15/13 14:15	LDD	4868915
Surr: 2-Fluorobiphenyl	79.2		% 41-124	1	01/15/13 14:15	LDD	4868915
Surr: 4-Terphenyl-d14	91.5		% 36-129	1	01/15/13 14:15	5 LDD	4868915
Surr: Nitrobenzene-d5	92.2		% 40-134	1	01/15/13 14:15	LDD	4868915
Pren Method	Pren Date	Pren Initials	Pren Factor				

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/14/2013 8:04	JT	0.91

RECAP DIESEL RANGE ORGANI	CS BY METHOD	8015C		MCL	SI	W8015C	Ur	its: mg/L	
Diesel Range Organics (C10-C28)	ND		0.15		1	01/16/13	3:13	E_G	4871010
Surr: o-Terphenyl	85.1	%	47-125		1	01/16/13	3:13	E_G	4871010

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3511	01/14/2013 8:52	DGP	1.00

RECAP GASOLINE RANGE ORGA	ANICS			MCL		SW8015C	Ur	its: mg/L	
Gasoline Range Organics (C6-C10)	0.28		0.1		1	01/18/13	3:13	JHP	4873958
Surr: 1,4-Difluorobenzene	91.6	%	70-135		1	01/18/13	3:13	JHP	4873958
Surr: 4-Bromofluorobenzene	92.6	%	89-126		1	01/18/13	3:13	JHP	4873958

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

L0024661 Page 9



ACCUTEST GULF COAST 500 AMBASSADOR CAFFERY PARKWAY SCOTT, LA 70583

SCOTT, LA 70583 (337) 237-4775

Client Sample ID: B-2-15W

Collected: 01/11/2013 10:50

Site: MCDONALDS-PORT ALLEN, LA

Lab Sample ID:

L0024661-04

Seq. #

Analyses/Method	Result	QUAL	Rep.Limit	Di	I. Factor	Date Anal	yzed	Analyst
OLATILE ORGANICS:N	IETHOD 8260B:BT	EX+MTBE		MCL	SV	V8260B	Un	its: mg/L
Benzene	ND		0.005		1	01/15/13	16:53	IHK
Ethylhenzene	ND		0.005		1	01/15/13	16.53	IHK

OLATILE ORGANICS.METHOL	OZOOD.DIEK-MIDE		MOL		34102000	inta. my/L	
Benzene	ND	0.0	005	1	01/15/13 16:53	IHK	4870390
Ethylbenzene	ND	0.0	005	1	01/15/13 16:53	IHK	4870390
Methyl tert-butyl ether	ND	0.0	005	1	01/15/13 16:53	IHK	4870390
Toluene	ND	0.0	005	1	01/15/13 16:53	IHK	4870390
m,p-Xylene	ND	0.0	005	1	01/15/13 16:53	IHK	4870390
o-Xylene	ND	0.0	005	1	01/15/13 16:53	IHK	4870390
Xylenes, Total	ND	0.0	005	1	01/15/13 16:53	IHK	4870390
Surr: 1,2-Dichloroethane-d4	93.4	% 84-	124	1	01/15/13 16:53	IHK	4870390
Surr: 4-Bromofluorobenzene	98.2	% 89-	111	1	01/15/13 16:53	IHK	4870390
Surr: Toluene-d8	100	% 83-	115	1	01/15/13 16:53	IHK	4870390

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

L0024661 Page 10 1/21/2013 10:31:21 AM



ACCUTEST GULF COAST 500 AMBASSADOR CAFFERY PARKWAY SCOTT, LA 70583

(337) 237-4775

Client Sample ID:B-3-14-15S Collected: 01/11/2013 9:45	Lab Sample ID:	L0024661-05
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			Site	e: MCE	DONALD	S-PORT	ALLEN, L	A		
Analyses/Method	Result	QUAL	Re	p.Limit	Į.	Dil. Factor	Date Analy	zed	Analyst	Seq.#
RECAP DIESEL RANGE ORGANI	CS BY ME	THOD 80	15C		MCL	SV	V8015C	Un	its: mg/Kg	
Diesel Range Organics (C10-C28)	5.3			3.3		1	01/15/13 2	23:16	DF	4869958
Surr: o-Terphenyl	93.8		%	38-135		1	01/15/13 2	23:16	DF	4869958

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	01/15/2013 8:00	ARJ	1.00

RECAP GASOLINE RANGE ORGA	ANICS			MCL		SW8015C	Units: mg/Kg	
Gasoline Range Organics (C6-C10)	6.6		5.4		50	01/15/13 0:	12 JHP	4867755
Surr: 1,4-Difluorobenzene	94.4	%	52-140		50	01/15/13 0:	12 JHP	4867755
Surr: 4-Bromofluorobenzene	97.9	%	63-139		50	01/15/13 0:	12 JHP	4867755

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/12/2013 11:02	LP	1.09

ECAP PAH BY EPA 8270D				MCL		SW8270D	Un	its: mg/Kg	
2-Methylnaphthalene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Acenaphthene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Acenaphthylene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Anthracene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Benz(a)anthracene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Benzo(a)pyrene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Benzo(b)fluoranthene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Benzo(k)fluoranthene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Chrysene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Dibenz(a,h)anthracene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Fluoranthene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Fluorene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Indeno(1,2,3-cd)pyrene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Naphthalene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Phenanthrene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Pyrene	ND		0.033		1	01/15/13	18:23	LDD	4869563
Surr: 2-Fluorobiphenyl	76.6	%	43-128		1	01/15/13	18:23	LDD	4869563
Surr: 4-Terphenyl-d14	96.9	%	51-136		1	01/15/13	18:23	LDD	4869563
Surr: Nitrobenzene-d5	91.5	%	47-134		1	01/15/13	18:23	LDD	4869563

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3546	01/15/2013 8:00	ARJ	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

L0024661 Page 11 1/21/2013 10:31:25 AM



500 AMBASSADOR CAFFERY PARKWAY

SCOTT, LA 70583 (337) 237-4775

Client Sample ID: B-3-14-15S

Collected: 01/11/2013 9:45

Lab Sample ID:

L0024661-05

Site: MCDONALDS-PORT ALLEN, LA

Analyses/Method	Result	QUAL	Re	ep.Limit	Dil, Fact	tor Date Analy	zed	Analyst	Seq. #
VOLATILE ORGANICS : METHO	DD 8260B				MCL	SW8260B	Ur	nits: mg/Kg	
Benzene	ND			0.027	50	01/15/13	19:54	DN	4871027
Ethylbenzene	ND			0.27	50	01/15/13	19:54	DN	4871027
Methyl tert-butyl ether	ND			0.054	50	01/15/13	19:54	DN	4871027
Toluene	ND			0.27	50	01/15/13	19:54	DN	4871027
m,p-Xylene	ND			0.27	50	01/15/13	19:54	DN	4871027
o-Xylene	ND			0.27	50	01/15/13	19:54	DN	4871027
Xylenes,Total	ND			0.27	50	01/15/13	19:54	DN	4871027
Surr: 1,2-Dichloroethane-d4	87.7		%	62-134	50	01/15/13	19:54	DN	4871027
Surr: 4-Bromofluorobenzene	99.7		%	75-128	50	01/15/13	19:54	DN	4871027
Surr: Toluene-d8	100		%	78-120	50	01/15/13	19:54	DN	4871027

Prep Method Prep Date		Prep Initials	Prep Factor
SW 5035	01/12/2013 11:02	LP	1.09

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

L0024661 Page 12 1/21/2013 10:31:26 AM



ACCUTEST GULF COAST 500 AMBASSADOR CAFFERY PARKWAY **SCOTT, LA 70583**

(337) 237-4775

Client Sample ID: B-3-15W

Collected: 01/11/2013 11:25 Lab Sample ID:

L0024661-06

Site:	MCDONA	ALDS-PORT	ALLEN,	LA
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Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyze	d Analyst	Seq. #
PAHS BY EPA 8270D				MCL SV	V8270D U	Jnits: mg/L	
2-Methylnaphthalene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Acenaphthene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Acenaphthylene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Anthracene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Benz(a)anthracene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Benzo(a)pyrene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Benzo(b)fluoranthene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Benzo(k)fluoranthene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Chrysene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Dibenz(a,h)anthracene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Fluoranthene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Fluorene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Indeno(1,2,3-cd)pyrene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Naphthalene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Phenanthrene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Pyrene	ND		0.00018	1	01/15/13 14:3	7 LDD	4868916
Surr: 2-Fluorobiphenyl	78.1		% 41-124	1	01/15/13 14:3	7 LDD	4868916
Surr: 4-Terphenyl-d14	90.4		% 36-129	1	01/15/13 14:3	7 LDD	4868916
Surr: Nitrobenzene-d5	90.2		% 40-134	1	01/15/13 14:3	7 LDD	4868916

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/14/2013 8:04	JT	0.91

RECAP DIESEL RANGE ORGANI	CS BY METHO	D 8015C		MCL	S	W8015C	Units: mg/L	
Diesel Range Organics (C10-C28)	ND		0.15		1	01/16/13 3:	36 E_G	4871011
Surr: o-Terphenyl	90.7	%	47-125		1	01/16/13 3:	36 E_G	4871011

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3511	01/14/2013 8:52	DGP	1.00

RECAP GASOLINE RANGE ORGA	ANICS			MCL		SW8015C	Ur	nits: mg/L	
Gasoline Range Organics (C6-C10)	0.21		0.1		1	01/18/13	3:45	JHP	4873959
Surr: 1,4-Difluorobenzene	99.5	%	70-135		1	01/18/13	3:45	JHP	4873959
Surr: 4-Bromofluorobenzene	100	%	89-126		1	01/18/13	3:45	JHP	4873959

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

L0024661 Page 13 1/21/2013 10:31:30 AM



ACCUTEST GULF COAST 500 AMBASSADOR CAFFERY PARKWAY

SCOTT, LA 70583 (337) 237-4775

Client Sample ID: B-3-15W

Collected: 01/11/2013 11:25 Lab Sample ID:

L0024661-06

Site: M	ICDONAL	DS-PORT	ALLEN,	LA
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Analyses/Method	Result	QUAL	Rep	.Limit	Dil. Fac	or Date Anal	yzed	Analyst	Seq. #
VOLATILE ORGANICS:METHO	D 8260B:BT	EX+MTBE			MCL	SW8260B	Ur	nits: mg/L	
Benzene	ND			0.005	1	01/15/13	17:23	IHK	4870391
Ethylbenzene	ND			0.005	1	01/15/13	17:23	IHK	4870391
Methyl tert-butyl ether	ND			0.005	1	01/15/13	17:23	IHK	4870391
Toluene	ND			0.005	1	01/15/13	17:23	IHK	4870391
m,p-Xylene	ND			0.005	1	01/15/13	17:23	IHK	4870391
o-Xylene	ND			0.005	1	01/15/13	17:23	IHK	4870391
Xylenes,Total	ND			0.005	1	01/15/13	17:23	IHK	4870391
Surr: 1,2-Dichloroethane-d4	94.2		%	84-124	1	01/15/13	17:23	IHK	4870391
Surr: 4-Bromofluorobenzene	99.8		%	89-111	1	01/15/13	17:23	IHK	4870391
Surr: Toluene-d8	99.3		%	83-115	1	01/15/13	17:23	IHK	4870391

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

L0024661 Page 14 1/21/2013 10:31:31 AM

Version 2.2 - Modified January 16, 2012



500 AMBASSADOR CAFFERY PARKWAY SCOTT, LA 70583 (337) 237-4775

Client Sample ID:TB

Collected: 01/11/2013 0:00

Lab Sample ID:

L0024661-07

Site: M	CDONAL	DS-PORT	ALLEN.	LA
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			OIL	e. WICL	DONALDS	-FOR	I ALLEN, LA	`		
Analyses/Method	Result	QUAL	R	ep.Limit	Di	. Facto	or Date Analy	zed	Analyst	Seq. #
RECAP GASOLINE RANGE ORG	ANICS				MCL		SW8015C	Ur	nits: mg/L	
Gasoline Range Organics (C6-C10)	ND			0.1		1	01/18/13	4:16	JHP	4873960
Surr: 1,4-Difluorobenzene	105		%	70-135		1	01/18/13	4:16	JHP	4873960
Surr: 4-Bromofluorobenzene	106		%	89-126		1	01/18/13	4:16	JHP	4873960
VOLATILE ORGANICS:METHOD	8260B:BT	EX+MTBE			MCL		SW8260B	Ur	nits: mg/L	
Benzene	ND			0.005		1	01/15/13 1	2:56	IHK	4870382
Ethylbenzene	ND			0.005		1	01/15/13 1	2:56	IHK	4870382
Methyl tert-butyl ether	ND			0.005		1	01/15/13 1	2:56	IHK	4870382
Toluene	ND			0.005		1	01/15/13 1	2:56	IHK	4870382
m,p-Xylene	ND			0.005		1	01/15/13 1	2:56	IHK	4870382
o-Xylene	ND			0.005		1	01/15/13 1	2:56	IHK	4870382
Xylenes,Total	ND			0.005		1	01/15/13 1	2:56	IHK	4870382
Surr: 1,2-Dichloroethane-d4	93.1		%	84-124		1	01/15/13 1	2:56	IHK	4870382
Surr: 4-Bromofluorobenzene	96.9		%	89-111		1	01/15/13 1	2:56	IHK	4870382
Surr: Toluene-d8	101		%	83-115		1	01/15/13 1	2:56	IHK	4870382
						7.5				

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

L0024661 Page 15 1/21/2013 10:31:34 AM

Quality Control Documentation



500 AMBASSADOR CAFFERY PARKWAY

SCOTT, LA 70583 (337) 237-4775

Quality Control Report

PROFESSIONAL SERVICE INDUSTRIES

0259422/ PHASE II

Analysis:

RECAP Diesel Range Organics by Method 8015C

Method:

SW8015C

WorkOrder:

L0024661

Lab Batch ID:

117972

Method Blank

RunID: TPHC_130115A-4870983

Units:

mg/L

Lab Sample ID L0024661-02B

Samples in Analytical Batch:

Client Sample ID

Analysis Date: Preparation Date:

01/15/2013 16:52 01/14/2013 12:03 Analyst: E G Prep By: DGP Method: SW3511

L0024661-04B

B-1-15W B-2-15W

L0024661-06B

B-3-15W

Analyte	Result	Rep Limit
Diesel Range Organics (C10-C28)	ND	0.15
Surr: o-Terphenyl	105.1	47-125

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID:

TPHC_130115A-4870984

Units:

mg/L

Analysis Date:

01/15/2013 17:15

Analyst: E G

Preparation Date: 01/14/2013 12:03

Prep By: DGP Method: SW3511

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower	Upper Limit
Diesel Range Organics (C10-C28)	6.00	4.36	72.6	6.00	4.54	75.6	4.0	26	21	140
Surr: o-Terphenyl	0.100	0.0951	95.1	0.100	0.0981	98.1	3.1	30	47	125

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked:

L0024612-05

TPHC_130115A-4870986 Units:

RunID: Analysis Date:

mg/L

01/15/2013 18:01

Analyst: E_G

Preparation Date: 01/14/2013 8:52 Prep By: DGP Method: SW3511

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	6	4.71	78.4	6	4.51	75.2	4.17	26	21	140
Surr: o-Terphenyl	ND	0.1	0.11	110	0.1	0.107	107	2.21	30	47	125

Qualifiers:

ND/U - Not Detected at the Reporting Limit

MI - Matrix Interference

B - Analyte Detected In The Associated Method Blank

D - Recovery Unreportable due to Dilution

J - Estimated Value Between MDL And PQL

* - Recovery Outside Advisable QC Limits

E - Estimated Value exceeds calibration curve

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

L0024661 Page 17

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.

1/21/2013 10:31:54 AM



500 AMBASSADOR CAFFERY PARKWAY

SCOTT, LA 70583 (337) 237-4775

Quality Control Report

PROFESSIONAL SERVICE INDUSTRIES

0259422/ PHASE II

Analysis:

RECAP Diesel Range Organics by Method 8015C

Method:

SW8015C

WorkOrder:

L0024661

Lab Batch ID:

117999

Method Blank

RunID: TPHB_130115C-4869950

Units:

mg/Kg

Lab Sample ID

Samples in Analytical Batch:

Client Sample ID

Analysis Date: 01/15/2013 19:09 Preparation Date:

01/15/2013 8:00

Analyst: DF

Prep By: ARJ Method: SW3546

L0024661-01B L0024661-03B B-1-2-4S

L0024661-05B

B-2-12-14S B-3-14-15S

Analyte	Result	Rep Limit
Diesel Range Organics (C10-C28)	ND	3.3
Surr: o-Terphenyl	101.1	38-135

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID:

TPHB 130115C-4869951

Units:

mg/Kg

Analysis Date: Preparation Date:

01/15/2013 19:27 01/15/2013 8:00

Analyst: DF

Prep By: ARJ Method: SW3546

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower	Upper Limit
Diesel Range Organics (C10-C28)	150	125	83.5	150	129	86.2	3.2	20	45	102
Surr: o-Terphenyl	2.50	2.91	116	2.50	2.88	115	0.9	30	38	135

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked:

L0024665-03

Units:

mg/Kg

RunID: Analysis Date: TPHB_130115C-4869953 01/15/2013 20:37

Analyst: DF

Preparation Date: 01/15/2013 8:00

Prep By: ARJ 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	150	107	68.0	150	111	70.8	3.83	20	45	102
Surr: o-Terphenyl	ND	2.5	2.24	89.6	2.5	2.33	93.2	3.95	30	38	135

Qualifiers:

ND/U - Not Detected at the Reporting Limit

MI - Matrix Interference

B - Analyte Detected In The Associated Method Blank

D - Recovery Unreportable due to Dilution * - Recovery Outside Advisable QC Limits

J - Estimated Value Between MDL And PQL E - Estimated Value exceeds calibration curve

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

L0024661 Page 18

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.

1/21/2013 10:31:55 AM



500 AMBASSADOR CAFFERY PARKWAY

SCOTT, LA 70583

(337) 237-4775

Quality Control Report

PROFESSIONAL SERVICE INDUSTRIES

0259422/ PHASE II

Analysis:

RECAP Gasoline Range Organics

Method:

SW8015C

WorkOrder:

L0024661

Lab Batch ID:

R302042

Method Blank

RunID: HPOO_130114A-4867746

Units: mg/Kg

Lab Sample ID

Client Sample ID

Analysis Date:

01/14/2013 12:43

Analyst: JHP

L0024661-01A

Samples in Analytical Batch:

B-1-2-4S

L0024661-03A

B-2-12-14S

L0024661-05A

B-3-14-15S

Analyte	Result	Rep Limit
Gasoline Range Organics (C6-C10)	ND	5.0
Surr: 1,4-Difluorobenzene	94.3	52-140
Surr: 4-Bromofluorobenzene	96.3	63-139

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID:

HPOO_130114A-4867744 Units:

mg/Kg

Analysis Date:

01/14/2013 11:41

Analyst: JHP

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Gasoline Range Organics (C6-C10)	250	239	95.5	250	239	95.6	0.1	10	74	121
Surr: 1,4-Difluorobenzene	1500	1480	98.9	1500	1480	98.9	0.0	30	52	140
Surr: 4-Bromofluorobenzene	1500	1480	98.5	1500	1630	109	9.9	30	63	139

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: RunID: L0023940-01

HPOO_130114A-4867748 Units:

mg/Kg

Analysis Date: Preparation Date: 01/14/2013 15:22 01/09/2013 16:38 Analyst: JHP

Prep By: mf Method: SW 5035

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics (C6-C10)	4570	25000	29700	101	25000	28600	96.3	3.73	10	74	121
Surr: 1,4-Difluorobenzene	ND	150000	149000	99.4	150000	141000	94.3	5.25	30	52	140
Surr: 4-Bromofluorobenzene	ND	150000	145000	96.7	150000	149000	99.5	2.78	30	63	139

Qualifiers:

ND/U - Not Detected at the Reporting Limit

MI - Matrix Interference

B - Analyte Detected In The Associated Method Blank

D - Recovery Unreportable due to Dilution

J - Estimated Value Between MDL And PQL

* - Recovery Outside Advisable QC Limits

E - Estimated Value exceeds calibration curve

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

L0024661 Page 19

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.

1/21/2013 10:31:57 AM



500 AMBASSADOR CAFFERY PARKWAY SCOTT, LA 70583 (337) 237-4775

Quality Control Report

PROFESSIONAL SERVICE INDUSTRIES 0259422/ PHASE II

Analysis:

RECAP Gasoline Range Organics

Method:

SW8015C

WorkOrder:

L0024661

Lab Batch ID:

R302042

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

L0024661 Page 20

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.

1/21/2013 10:31:57 AM



500 AMBASSADOR CAFFERY PARKWAY

SCOTT, LA 70583 (337) 237-4775

Quality Control Report

PROFESSIONAL SERVICE INDUSTRIES

0259422/ PHASE II

Analysis:

RECAP Gasoline Range Organics

Method:

Analysis Date:

SW8015C

WorkOrder:

L0024661

Lab Batch ID:

R302339

Method Blank

RunID: HPOO_130117A-4873943

01/17/2013 15:48

Units: mg/L

Analyst:

Lab Sample ID

Samples in Analytical Batch:

Client Sample ID

JHP

L0024661-02A L0024661-04A B-1-15W

B-2-15W

L0024661-06A

B-3-15W

L0024661-07A

TB

Analyte	Result	Rep Limit		
Gasoline Range Organics (C6-C10)	ND	0.10		
Surr: 1,4-Difluorobenzene	98.4	70-135		
Surr: 4-Bromofluorobenzene	98.7	89-126		

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID:

HPOO_130117A-4873941 Units:

mg/L

Analysis Date:

01/17/2013 14:46

Analyst: JHP

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower	Upper Limit
Gasoline Range Organics (C6-C10)	5.00	4.74	94.7	5.00	4.75	94.9	0.2	7	77	118
Surr: 1,4-Difluorobenzene	30.0	30.2	101	30.0	30.8	103	2.0	30	70	135
Surr: 4-Bromofluorobenzene	30.0	31.5	105	30.0	32.0	107	1.8	30	89	126

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked:

L0024613-12

RunID:

HPOO_130117A-4873949 Units:

mg/L

Analysis Date:

01/17/2013 18:54

JHP Analyst:

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics (C6-C10)	252	1000	1160	90.3	1000	1140	89.2	0.927	7	77	118
Surr: 1,4-Difluorobenzene	ND	6000	5870	97.8	6000	6120	102	4.27	30	70	135
Surr: 4-Bromofluorobenzene	ND	6000	6400	107	6000	6420	107	0.238	30	89	126

Qualifiers:

ND/U - Not Detected at the Reporting Limit

MI - Matrix Interference

B - Analyte Detected In The Associated Method Blank

D - Recovery Unreportable due to Dilution

J - Estimated Value Between MDL And PQL

* - Recovery Outside Advisable QC Limits

E - Estimated Value exceeds calibration curve

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

L0024661 Page 21 1/21/2013 10:31:59 AM

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.



PPM CONSULTANTS, INC.

15556 PERKINS ROAD · BATON ROUGE, LA 70810 · 225.293.7270 · fax 225.293.7271

June 3, 2009

Louisiana Department of Environmental Quality Office of Environmental Compliance Surveillance Division - SPOC Post Office Box 4312 Baton Rouge, LA 70821-4312

Re: Unauthorized Discharge Notification Report
RaceTrac Petroleum, Inc.
RaceTrac Store No. 365
214 Lobdell Highway
Port Allen, Louisiana
West Baton Rouge Parish
Facility UST ID No. 61012207
LDEQ Agency Interest No. 71928
PPM Project No. 566120

Dear Sirs:

PPM Consultants, Inc. (PPM), on behalf of RaceTrac Petroleum, Inc., herewith submits an Unauthorized Discharge Notification Report for the above-referenced site.

If you have any questions or need additional information, please do not hesitate to contact PPM at (225) 293-7270

Sincerely,

Thomas B. (Tim) Powers, PG

District Manager

TP/md

Attachments

cc: Mrs. Lisa Ciotoli, RaceTrac Petroleum, Inc. Mr. Chris Means, LDEQ RECEIVED

509-16598 Mens

JUN - 8 2009

Single Point of Contact

SPOC Confirmation Number: CUOY 6588

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 Surveillance Division - SPOC Unauthorized Discharge Notification Report Post Office Box 4312 Baton Rouge, LA 70821-4312

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

Johnny Guillot PPM Consultants, Inc. 15556 Perkins Road Baton Rouge, LA 70810 (225)293-7270

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

May 28, 2009 (gasoline), 9:09 AM, to LDEQ/SPOC, Baton Rouge, Mr. Peter Smith, PPM Consultants, Inc. 15556 Perkins Road, Baton Rouge, LA 70810.

RaceTrac Store No. 365
214 Lobdell Highway
Port Allen, West Baton Rouge Parish, Louisiana

3. Release date and time.

The release occurred at an unknown time; however, soil samples were collected by PPM Consultants Inc. on April 8, 2009. Soil samples were collected during the UST removal.

4. Incident details and/or emergency condition.

Hydrocarbon concentrations were detected through laboratory analyses from soil samples collected during the UST removal. Laboratory data indicated hydrocarbon concentrations above the Louisiana Department of Environmental Quality (LDEQ) Risk Evaluation/Corrective Action Program (RECAP) Table 1 Screening Standards. See the attached Site Map (Attachment A), Tables (Attachment B), and Laboratory Report (Attachment C).

5. Product released and estimated quantity released in gallons.

Product Released: Gasoline Quantity Released: Unknown

6. Surface or groundwater impact.

No surface impact was observed.

7. Action taken to stop release.

Not Applicable.

8. Measures taken to prevent recurrence of the incident.

Not Applicable.

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

All tanks were removed on 04/07/09

YES	U.S.T.	ID	#	NA
NO				

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.

Soil samples were collected and are attached; no groundwater samples were collected.

3. Possible routes of migration.

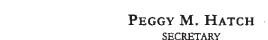
Not Applicable.

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

See Attachment D.

5. Names of all other responsible parties.

Not Applicable.



BOBBY JINDAL GOVERNOR



State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY ENVIRONMENTAL SERVICES

October 25, 2010

CERTIFIED - RETURN RECEIPT REQUESTED (7005 0390 0001 6875 2845)

Ms. Lisa Ciotoli RaceTrac Petroleum, Inc. 3225 Cumberland Blvd., Suite 100 Atlanta, GA 30339

Re: RECAP Evaluation Report Approval
RaceTrac No. 365; Agency Interest (AI) No. 71928
UST FID No. 61-012207; UST Incident No. 115298
214 LA Hwy. 415; Port Allen, West Baton Rouge Parish

Dear Ms. Ciotoli:

We have completed our review of your Risk Evaluation/Corrective Action Program Report (RECAP) dated September 30, 2010, submitted on your behalf by PPM Consultants, Inc. Thank you for providing this information.

Based on a technical review of your document, we have the following comment:

RECAP Form 1 and RECAP Form 13: The MO-2 standards listed in these forms for xylene and aromatics> C_8 - C_{10} at AOI No. 1 are incorrect. The correct standards, as listed in Table 4-12 of your report, should be 270 ppm for xylene and 900 ppm for aromatics> C_8 - C_{10} . Please make these corrections in your files.

The Site Investigation and RECAP Evaluation report have confirmed the presence of benzene contamination in groundwater at levels exceeding site-specific RECAP standards. It is recommended that permanent monitoring wells be installed on the property for the purpose of evaluating current groundwater conditions near boring locations SB-2, SB-4, and between SB-6 and SB-7. Groundwater at all three monitoring wells should be sampled and analyzed for benzene. Within 60 days following receipt of this letter, please provide a detailed work plan and cost estimate to perform the investigation in accordance with the latest edition of the LDEQ's RECAP, Appendix B. The work plan must address all requirements of Appendix B, Section B.2.4. If the facility is eligible for the Louisiana Motor Fuels Underground Storage Tank Trust Fund and you wish to ensure maximum potential eligibility under the fund, all site activities relevant to this incident must be conducted in accordance with the latest edition of the Louisiana Motor Fuels Underground Storage Tank Cost Control Guidance Document.

If you have any questions, please contact this office at (225) 219-3430. All correspondence must include the **AI number** and be submitted in triplicate to:

Tim B. Knight, Administrator
Underground Storage Tank Division—Remediation Process
P. O. Box 4313
Baton Rouge, LA 70821-4313.

Thank you for your cooperation.

Sincerely,

Chris Means, Geologist

Min Means

Underground Storage Tank Division

crm

c: Imaging Operations – UST
Peter T. Smith, PPM Consultants, Inc.

SENDER: COMPLETE THIS SEC	TION	COMPLETE THIS SECTION ON DELIVERY			
 Complete items 1, 2, and 3. Also item 4 if Restricted Delivery is delivery in the Print your name and address on 	esired. the reverse	A. Signature	•	☐ Agent ☐ Addressee	
 so that we can return the card to Attach this card to the back of the or on the front if space permits. 	o you. ne mailpiece,	B. Received by (Printed	C. Date of Delivery		
Article Addressed to:		 D. Is delivery address dif If YES, enter delivery 			
Ms. Lisa Ciotoli	i	1			
Race Trac Petroleum 3225 Cumberland B	001 of hul		,	· .	
Atlanta, GA. 30330	₹	☐ Registered ☐	DEXPRESS Ma Return Reco	ill elpt for Merchandise	
AI: 71928	TZU	4. Restricted Delivery?	Extra Fee)	☐ Yes	
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	7005	Sort To MS. Lisa C:0toli Race Trac Petroleum, Trac Stroot, Apt. No.; or PO Box No. 3225 Cumberland Blvd., Ste. 100 City, State, ZIPH Atlanta (A. 30339 PS Form 3800, June 2002 See Reverse for Instructions

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UNITED STATES POSTAL SERVICE



First-Class Mail Postage & Fees Paid USPS Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Department of Environmental Quality
Office of Environmental Services
Underground Storage Tank Division
Post Office Box 4313
Baton Rouge, Louislana 70821-4313
OES/UST/GP2/Cm/Vm

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DE LOS		005	Sento Ms. Lisa Ciotoli Race Trac Detroleum	Inc
		V	Street, Apt. No.; or PO Box No. 3225 Cumberland	
<u> </u>		!	City, State, ZIP+4	-
		'	PS Form 3800, June 2002	. See Reverse for Instructions

BOBBY JINDAL GOVERNOR



PEGGY M. HATCH
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY OFFICE OF ENVIRONMENTAL COMPLIANCE

MAR 2 7 2014

Ms. Lisa Ciotoli RaceTrac Petroleum, Inc. 3225 Cumberland Blvd., Suite 100 Atlanta, GA 30339

Re: No Further Action Notification

RaceTrac No. 365; Agency Interest (AI) No. 71928 UST FID No. 61-012207; UST Incident No. 115298 214 LA Hwy. 415; Port Allen, West Baton Rouge Parish

Dear Ms. Ciotoli:

The Louisiana Department of Environmental Quality – Underground Storage Tank and Remediation Division (LDEQ-USTRD) has completed its review of your monitoring well plugging and abandonment report dated February 20, 2014, for the above referenced area of investigation located at 214 LA Highway 415 in West 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.

Prior to the construction of enclosed structures over any portion of the impacted area, further evaluation and approval from LDEQ is warranted.

Ms. Lisa Ciotoli Page 2

If you have any questions or need further information, please call Chris Means at (225) 219-3583. Thank you for your cooperation in addressing this area.

Sincerely,

Gary A. Fulton, Jr., Administrator

Underground Storage Tank and Remediation Division—Remediation Process

P. O. Box 4312

Baton Rouge, LA 70821-4312.

crm

Attachment

c: Imaging Operations – UST
Terri Gibson – USTRD
Melissa Vizinat – MFTF
Jeff Baker – MFTF

Peter T. Smith, PPM Consultants, Inc.

BASIS OF DECISION FOR NO FURTHER ACTION

RaceTrac No. 365 AI No. 71928

The Louisiana Department of Environmental Quality - Underground Storage Tank and Remediation Division - Remediation Process (LDEQ-USTRD-RP) has determined that RaceTrac No. 365 requires No Further Action At This Time.

The property was previously a fueling station and convenience store. Three 12,000 gallon underground storage tanks (USTs) were removed from the property on April 7, 2009. A total of 22 soil samples (CS-1A, CS-1B, CS-2A, CS-2B, CS-3A, CS-3B, DS-1A, DS-1B, DS-1C, DS-2A, DS-2B, DS-2C, DS-3A, DS-3B, DS-3C, DS-4A, DS-4B, DS-5A, DS-6A, BF-1, BF-2, and BF-3) were taken as part of UST closure activities. Investigation results indicated levels of benzene, xylene, and aromatics>C₈-C₁₀ in soil exceeding RECAP Screening Standards (SS).

Additional investigation activities were conducted in October of 2009. The investigation included the installation of sixteen borings (SB-1 through SB-16) and the collection of soil and groundwater samples for laboratory analyses. Investigation results indicated levels of xylene in soil and benzene, ethyl benzene, MTBE, aliphatics> C_8 - C_{10} , and aromatics> C_8 - C_{10} in groundwater exceeding RECAP SS.

Additional investigation activities were conducted in March of 2011. The investigation included the installation of three monitoring wells (MW-1 through MW-3) and the collection of groundwater samples for laboratory analyses. Investigation results indicated levels of benzene in groundwater exceeding RECAP SS.

RECAP Management Option 1 (MO-1) standards were developed for soils between 0-15 ft. BGS, which contained levels of benzene, ethyl benzene, xylene, MTBE, aliphatics>C₈-C₁₀, and aromatics>C₈-C₁₀ exceeding RECAP SS. Groundwater was classified as GW_{3NDW}. The distance between the Point of Compliance (POC) and an unnamed drainage canal, which is the Point of Exposure (POE), is 75 feet. Using the MO-1 Dilution Factor (DF) table in Appendix H of the RECAP document, the DF was determined to be 2.6 based on this distance between the POC and POE and a groundwater source thickness (Sd) of <5 feet. The MO-1 Soil GW_{3NDW} values were multiplied by this longitudinal DF to account for attenuation from the POC to the POE. The Soil GW_{3NDW} values were compared to the Soil_{NI} and Soil_{SAT} values with the lowest value taken as the closure standard. Benzene, xylene, aliphatics>C₈-C₁₀, and aromatics>C₈-C₁₀ exceeded MO-1 standards and were forwarded to a MO-2 evaluation. The impacted media, constituents of concern (COCs), maximum concentration remaining on site and limiting MO-1 RECAP standards established for soils between 0-15 ft. BGS are listed in the following table:

Constituents of Concern (Soil 0- 15 ft. BGS)	Maximum Remaining Concentration	Limiting MO-1 RECAP Standard
Ethyl benzene	189 ppm	230 ppm ²
MTBE	1.51 ppm	217 ppm 1

SoilNI; SoilSAT

Soils contained levels of benzene, xylene, aliphatics>C₈-C₁₀, and aromatics>C₈-C₁₀ exceeding MO-1 standards. A site specific Management Option 2 (MO-2) evaluation using the RECAP MO-2 Spreadsheet was used to develop closure standards. The Soil GW_{3NDW} values were multiplied by a DF of 9.1 to account for attenuation from the POC to the POE. The Soil GW_{3NDW} value was compared to the Soil_{NI} and Soil_{SAT} value with the lowest value taken as the closure standard. The impacted media, COCs, maximum concentration remaining on site and limiting MO-2 standards established for soils between 0-15 ft. BGS are listed in the following table:

Constituents of Concern (Soil 0- 15 ft. BGS)	Maximum Remaining . Concentration	Limiting MO-2 RECAP Standard
Benzene	1.379 ppm (95% UCL)	2.1 ppm
Xylene	53.94 ppm (95% UCL)	270 ppm
Aliphatics>C ₈ -C ₁₀	430 ppm	1,700 ppm
Aromatics>C ₈ -C ₁₀	670 ppm	900 ppm ¹

SoilNI

Soils greater than 15 ft. BGS contained levels of benzene, xylene, and TPH-G exceeding RECAP SS. The MO-1 Soil GW_{3NDW} values were multiplied by a DF of 2.6 to account for attenuation from the POC to the POE. The Soil GW_{3NDW} values were compared to the Soil_{SAT} values with the lowest value taken as the RECAP clean-up standard. The impacted media, constituents of concern (COCs), maximum concentration remaining on site and limiting MO-1 RECAP standards established for soils greater than 15 ft. BGS are listed in the following table:

Constituents of Concern (Soil >15 ft. BGS)	Maximum Remaining Concentration	Limiting MO-1 Standard
Benzene	0.461 ppm	1,500 ppm ²
Xylene	42.8 ppm	260 ppm ²
TPH-G	886 ppm	10,000 ppm

SoilGW3NDW; SoilSAT

RECAP MO-2 standards were developed for groundwater, which contained levels of benzene, ethyl benzene, MTBE, aliphatics>C₈-C₁₀, and aromatics>C₈-C₁₀ exceeding RECAP SS. A site specific MO-2 evaluation using the RECAP MO-2 Spreadsheet was used to develop closure standards. The GW_{3NDW} value was multiplied by a DF of 9.1 to account for attenuation from the POC to the POE. The GW_{3NDW} value was compared to the Water_{SOL} and GW_{AIRNI} value with the lowest value taken as the closure standard. The impacted media, COCs, maximum concentration remaining on site and limiting MO-2 standards established for groundwater are listed in the following table:

AOI-2 Constituents of Concern (Groundwater)	Maximum Remaining Concentration	Limiting MO-2 RECAP Standard
Benzene	0.120 ppm	0.26 ppm ¹
Ethyl benzene	1.6 ppm	162 ppm
MTBE	0.248 ppm	11,000 ppm ¹
Aliphatics>C ₈ -C ₁₀	3.3 ppm	327 ppm ²
Aromatics>C ₈ -C ₁₀	6.5 ppm	620 ppm ¹

GW3NDW; 2GWAIRNI

*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.

Remedial actions taken included the installation of oxygen release compound (ORC) socks. No Further Action At This Time is granted when contamination is reduced to the extent necessary to achieve the established standards.

Basis of Decision Page 3

There are no institutional controls on this property.

An inspection of the site was performed on February 25, 2014, confirming that no investigation derived waste remains on site and that all monitoring wells were plugged and abandoned.

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.

Office of Environmental Compliance Underground Storage Tank and Remediation Division NFA, COC, or NFI Letters ONLY

9

(Use this form as an attachment to the OEC Route Slip for NFA, COC, or NFI Letters)

Originator:	Chris Means			One or Both NFA Letter					
as Applicable: No Further Interest Letter Required Cost/Fee Info									
Final Invoicing	Verification Conta	PROPERTY AND INCIDENCE AND INC		Fee Payment V	erification Con	tact	HEADS WILLIAM		
PRP – Bridget J				Solid Waste – Vicki Thibodeaux					
	Conditions Review	– Vicki Thibodea	ux						
VRP – Vicki Thil	bodeaux			GW Fee – Vicki Thibodeaux					
Date Fee Paid:		Fee Type:	sw (\$13	20) ECR	(\$1500)	SW (\$)		
Date Final Invoice Paid:		Invoice Type:	PRP	VRP	ECR (if costs in	curred > \$1	500 fee)		
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LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY FIELD INTERVIEW FORM

A A CONTRACTOR OF THE PARTY OF	CTION DATE: 2/25/14 TIME OF ARRIVA		
ALTERNATE ID#: DEPARTUR (ID Type/Number)	RE DATE: ** TIME OF DEPARTURE	: 10:45	pM
FACILITY NAME: Ruce Track U. 365	PH #:		
LOCATION: 214 Hwy. 415, Por.			
RECEIVING STREAM (BASIN/SUBSEGMENT):	PARISH NAME: West Ry	ton Ray	0
MAILING ADDRESS:			
(Street/P.O. Box)	(City) (State)		(ZIP)
FACILITY REPRESENTATIVE: FACILITY REPRESENTATIVE PHONE NUMBER:	TITLE:		
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REVISED: 09/14/2009



OFFICE OF ENVIRONMENTAL COMPLIANCE UNDERGROUND STORAGE TANK AND REMEDIATION DIVISION



Routing/Approval Slip

Al No.	71928	Facilit	y:	Race	Trac No. 3	65	Date Routed:	3/20/14	
Other ID No.		Location:		214 L	214 LA Hwy. 415, Port Allen, West Baton Roug				
Activity No.		1070		Originator: (Chris Means			
Section/Group:	USTRI	D/USTG2	-	Attachments: NFA-		NFA-ATT/BC	FA-ATT/BOD Letter		
Description/Type of Document(s): NFA-ATT/BOD Letter									
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PEGGY M. HATCH SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY OFFICE OF ENVIRONMENTAL COMPLIANCE

January 23, 2014

Ms. Lisa Ciotoli RaceTrac Petroleum, Inc. 3225 Cumberland Blvd., Suite 100 Atlanta, GA 30339

Re: Well Plugging and Abandonment Requirements for No Further Action

RaceTrac No. 365; Agency Interest (AI) No. 71928 UST FID No. 61-012207; UST Incident No. 115298 214 LA Hwy. 415; Port Allen, West Baton Rouge Parish

Dear Ms. Ciotoli:

We have completed review of your Groundwater Monitoring Report dated January 9, 2014, verifying that residual contaminant concentrations do not exceed the remediation standards established for this facility. Monitoring wells present at the site must be properly plugged and abandoned prior to consideration of a No Further Action-At This Time (NFA-ATT) decision by the Department. Please provide a report detailing the completion of plugging and abandonment activities by April 23, 2014, in accordance with the latest version of the Construction of Geotechnical Boreholes and Groundwater Monitoring Systems Handbook prepared by LDEQ and the Louisiana Department of Transportation and Development. Please notify me at least five (5) working days prior to implementation of plugging and abandonment activities so that I may provide oversight. If the facility is eligible for the Louisiana Motor Fuels Underground Storage Tank Trust Fund and you wish to ensure maximum potential eligibility under the fund, all site activities relevant to this incident must be conducted in accordance with the latest edition of the Louisiana Motor Fuels Underground Storage Tank Cost Control Guidance Document.

You may contact me at (225) 219-3443 with any questions. All correspondence must include the **AI number** and be submitted in triplicate to:

Thomas F. Harris, Administrator
Underground Storage Tank and Remediation Division—Remediation Process
P. O. Box 4312
Baton Rouge, LA 70821-4312.

USTform_1019_r03 10/23/2013 Ms. Lisa Ciotoli January 23, 2014 Page 2

Thank you for your cooperation.

Sincerely,

Chris Means, Geologist

Underground Storage Tank and Remediation Division

c: Imaging Operations – UST

Terri Gibson – USTRD

Peter T. Smith, PPM Consultants, Inc.

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Commercial Property
1075 Government Street

Baton Rouge, East Baton Rouge Parish, LA

November 21, 2014

Terracon Project No. EH147133



Prepared for: MidSouth Bank Baton Rouge, Louisiana

Prepared by: Terracon Consultants, Inc. Baton Rouge, Louisiana

terracon.com

Environmental



Facilities Geotechnical Materials



November 21, 2014

MidSouth Bank 6919 Corporate Blvd Baton Rouge, LA 704809

Ms. Maureen A. Dunham Attn:

P: (225) 237-3202

E: Maureen.dunham@midsouthbank.com

Re: Limited Site Investigation

Commercial Property 1075 Government Street

Baton Rouge, East Baton Rouge Parish, Louisiana

Terracon Project No. EH147133

Dear Ms. Dunham:

At your request, Terracon Consultants, Inc. (Terracon) has completed a Limited Site Investigation (LSI) at the above-referenced property. This investigation was performed in accordance with Terracon Proposal No. PEH140407, dated August 26, 2014.

Terracon appreciates the opportunity to be of service to MidSouth Bank. Should you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,

Terracon Consultants, Inc.

Diana Day, E.I.T

Staff Engineer

Senior Project Professional

Facilities

8

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LIST OF APPENDICES

Appendix A Exhibits

Appendix B Soil Boring Logs

Appendix C Tables and Laboratory Analytical Reports

LIMITED SITE INVESTIGATION Commercial Property 1075 Government Street Baton Rouge, East Baton Rouge Parish, Louisiana TERRACON PROJECT NO. EH147133

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) has completed a Limited Site Investigation (LSI) at 1075 Government Street in Baton Rouge, East Baton Rouge Parish, Louisiana (site). The site is improved with a two-story law office building and concrete-paved parking lot. The location of the site is illustrated on Exhibit 1 in Appendix A. The general layout of the site and the soil boring locations are illustrated on Exhibit 2 in Appendix A. Soil boring logs are presented in Appendix B. Tables summarizing the analytical results and the laboratory analytical reports are provided in Appendix C.

Terracon's LSI activities were completed in accordance with Terracon Proposal No. PEH140407, dated August 26, 2014. The purpose of the LSI was to evaluate subsurface conditions with respect to recognized environmental conditions (REC) identified at the site during AEI Consultants Phase I Environmental Site Assessment (ESA) Report, dated July 30, 2014 (AEI Project No. 332294). The results of the ESA reported the following REC associated with the site:

The western portion of the site was developed with the Central Esso Service Station from at least 1940 to 1980. The underground storage tank (UST) system consisted of 6,000-gallon and 10,000 gallon tanks that were removed from the ground in 1980, prior to regulatory oversight. No documentation was available from the LDEQ indicating whether soil and/or groundwater samples were collected and analyzed for the presence of petroleum hydrocarbon impacted soil. Based on the length of time that the site had been utilized as a gasoline service station, and the absence of data confirming whether a release had occurred following the removal of any USTs, the past use of the site as a gas station is considered a REC.

In addition, Terracon accessed the Louisiana Department of Environmental Quality (LDEQ) Electronic Database Management System (EDMS) to obtain more information on the former onsite UST system. According to a UST Closure report dated February 2, 1995, one 550-gallon used oil tank, one 1,000-gallon gasoline tank and five 6,000-gallon gasoline tanks were removed from the ground in July 1992. The report indicated that soil samples were collected from the tank pit during tank removal activities. The sampling analysis indicated detections of petroleum contaminants. Approximately 40 cubic yards of soil was excavated and additional soil samples were collected. The additional sampling analysis indicated that petroleum contaminants were not detected. No samples were collected near the pump islands. The site received regulatory closure in February 1995. However, based on unknown number of tanks utilized at this facility, lack of sampling near the pump islands and lack of groundwater data further investigation was recommended.

Commercial Property ■ Baton Rouge, Louisiana November 21, 2014 ■ Terracon Project No. EH147133



2.0 SCOPE OF SERVICES

Terracon's LSI was undertaken in response to the results of AEI Consultants' Phase I ESA report dated July 30, 2014 (AEI Project No.332294), which identified the above mentioned recognized environmental condition (REC), and Terracon's file review.

The LSI was conducted to determine the presence or absence of indicator contaminants associated with the REC identified by the Phase I ESA. The scope of services was not intended to identify every chemical possibly associated with the site. Similarly, the proposed scope was not intended to determine the extent or magnitude of any existing contamination.

2.1 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time. Terracon makes no warranties, either express or implied, regarding the findings, conclusions, or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report. These LSI services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal and were not restricted by ASTM E1903-11.

2.2 Additional Scope Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, nondetectable, or not present during these services. We cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this LSI. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations, or exploratory services. The data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

2.3 Reliance

This report has been prepared for the exclusive use MidSouth Bank, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of MidSouth Bank and Terracon. Any unauthorized distribution or reuse is at MidSouth's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, LSI report, and Terracon's Agreement for Services. The limitation of liability

Commercial Property ■ Baton Rouge, Louisiana November 21, 2014 ■ Terracon Project No. EH147133



defined in the terms and conditions is the aggregate limit of Terracon's liability to MidSouth Bank and all relying parties unless otherwise agreed in writing.

3.0 FIELD INVESTIGATION

Terracon conducted the fieldwork under a safety plan developed for this project. Work was performed using United States Environmental Protection Agency (USEPA) Level D work attire consisting of hard hats, safety glasses, protective gloves, and protective boots. Terracon contacted the Louisiana OneCall and requested location and markings for all utilities that the service was responsible for before commencing intrusive activities at the site.

3.1 Site Geology and Hydrology

According to the East Baton Rouge Parish, LA USDA-NRCS Web Soil Survey issued December 9, 2013, the site is situated within the Oprairie series, Scotlandville series and Urban land of the Prairie Terraces. These deposits are composed of coastal plain deposits of the late to middle Pleistocene streams; sediments are generally clay, silty clay loam, or sandy clay loam, and grade to sand and gravel. It is characteristically described as firm to very stiff tan and light gray silty clays and clays with silt and sand layering. The soils within the Prairie Terrace are overconsolidated and normally only marginally compressible.

Based on the lithology encountered in the borings advanced as part of this LSI, the subsurface soils at the site are similar to that described as the Oprairie and Scotlandville series and can be generally characterized as silty clays.

3.2 Subsurface Investigation

Terracon's field activities were initiated on October 28, 2014 by Ms. Diana Day, a Terracon Staff Engineer. As part of the approved scope of work, three soil borings were advanced using a direct-push drill rig. Exhibit 2 presents the site layout and soil boring locations.

Soil borings B-1, B-2, and B-3 were advanced to a terminal depth of 12 feet below ground surface (bgs). All soil borings were converted to temporary groundwater monitoring wells, TW-1, TW-2, and TW-3, named respective to the boring identification. The ground surface at soil borings B-1 and B-2 was gravel and the ground surface at soil boring B-3 was top soil. Groundwater was first encountered at a depth 11 feet bgs in B-1. Groundwater was not initially encountered at B-2, and groundwater was not encountered in B-3.

Drilling services were performed by a State of Louisiana licensed driller utilizing direct-push drilling techniques under the supervision of a Terracon professional. Soil samples were collected using four-foot core barrel samplers equipped with acetate liners. Sampling equipment was cleaned using an anionic detergent and potable water prior to the beginning of the project and before collecting each soil sample.

Commercial Property ■ Baton Rouge, Louisiana November 21, 2014 ■ Terracon Project No. EH147133



3.3 Soil Sample Collection

Soil samples were collected continuously from all soil borings and observed to document soil lithology, color, moisture content and sensory evidence of potential contamination. The soil samples were field-screened using a photoionization detector (PID) to indicate the presence of volatile organic compounds (VOC). Soil boring logs, including PID screening values, lithology descriptions and analytical sample collection depth are presented in Appendix B.

The soil PID screening results are provided on the attached boring logs (Appendix B). The PID results were negligible at B-1 with none of the concentrations exceeding 0.0 parts per million (ppm). PID results ranged from 43.8 to 147 ppm at B-2. Strong organic odors and were noted in several intervals. Unusual staining was noted at the 2-4 foot interval. PID results ranged from 5.7 ppm to 973 ppm at B-3. Strong organic odors and unusual staining were noted at several intervals. Based upon the negligible PID screening results and no unusual staining in B-1, one soil sample was collected from B-1 at the groundwater interface. Based on PID screening results, unusual staining and strong odors, one soil sample was collected from B-2 (6'-8') and B-3 (4'-6') at the interval with the highest PID reading.

3.4 Temporary Groundwater Monitoring Wells

Upon completion of soil sampling activities, all soil borings were converted to temporary groundwater monitoring wells (TW-1, TW-2, and TW-3) to facilitate the collection of groundwater samples. Groundwater was first encountered at a depth of 11 feet bgs in B-1. The temporary groundwater monitoring wells were constructed as follows:

- Five feet of 1-inch diameter, 0.010-inch machine slotted, pre-packed, PVC well screen with a threaded bottom cap; and
- 1-inch diameter, threaded, flush-joint PVC riser pipe to surface.

The temporary groundwater monitoring wells were purged of three well volumes or dry with a peristaltic pump, prior to sampling. A groundwater sample was collected using dedicated bailers from each well location.

After collection of groundwater samples, the PVC well material was removed from the ground, and the borings were backfilled with a bentonite-cement slurry. Temporary monitoring well construction details are presented on the soil boring logs included in Appendix B.

The groundwater flow direction and the depth to shallow groundwater would likely vary depending upon seasonal rainfall, nearby surficial water bodies, and other geologic conditions. Without the benefit of permanently installed groundwater monitoring wells and surveyed datum, groundwater flow direction at the site cannot be ascertained. This is not anticipated to affect the findings or recommendations of this LSI.

Commercial Property ■ Baton Rouge, Louisiana November 21, 2014 ■ Terracon Project No. EH147133



4.0 FIELD INVESTIGATION RESULTS

4.1 Laboratory Analytical Program

All collected samples were placed in laboratory provided sample containers, sealed and labeled appropriately and placed on ice in an insulated container for the duration of field activities. A chain-of-custody was prepared with sample identification, time of collection and other field information and placed inside the insulated container with the samples. The container was then sealed with a signed custody seal and relinquished to a courier for delivery to ESC Lab Sciences in Mount Juliet, Tennessee.

Three soil samples and two groundwater samples were submitted to ESC Lab Sciences, Inc. (ESC) for selected analyses which included: Total Petroleum Hydrocarbon (TPH) as Diesel Range Organics (DRO) and Gasoline Range Organics (GRO) by Method 8015; benzene, toluene, ethylbenzene, and xylenes (BTEX) and methyl tert butyl ether (MTBE) by Method 8021; and RCRA Metals by Method 6010/7471. Additionally, one trip blank was submitted for analysis of BTEX, as the quality control/quality assurance sample. Please refer to Appendix C for the laboratory analytical reports and summary tables.

4.2 Soil Analytical Results

One soil sample was collected at each soil boring. The samples were analyzed for TPH-DRO, TPH-GRO, BTEX, MTBE and RCRA metals. The sampling analysis indicated that toluene, mercury, arsenic, barium, cadmium, chromium and lead were detected in sample B-1, but at concentrations below their respective LDEQ Risk Evaluation/Corrective Action Program (RECAP) Soil Screening Standards (SS). No other constituents were detected in sample B-1

TPH-GRO was detected in sample B-2 at a concentration above the RECAP Soil SS. Benzene, toluene, xylene and multiple metals were detected in sample B-2, but at concentrations below their respective RECAP Soil SS.

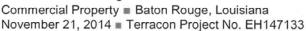
TPH-GRO was detected in sample B-3 at a concentration above the RECAP Soil SS. BTEX, arsenic, barium, chromium and lead were detected in sample B-3, but at concentrations below their respective RECAP Soil SS.

A summary of the results is provided in Table 1 in Appendix C.

4.3 Groundwater Analytical Results

Because groundwater was encountered only at B-1 and B-2, one groundwater sample was collected at two of the temporary monitoring wells (TW-1 and TW-2).

Collected samples at TW-1 were analyzed for TPH-GRO, TPH-DRO, TPH-ORO, BTEX, MTBE and RCRA metals. The sampling analysis indicated that TPH-DRO was detected above the





LDEQ RECAP Groundwater (GW) Screening Standard (SS) in sample TW-1. BTEX, barium, chromium and lead were detected in TW-1 but were detected at concentrations below their respective RECAP GW SS.

Because of the slow recharge rate of temporary monitoring well TW-2, the samples collected were only analyzed for TPH-GRO and BTEX. The sample quantity was insufficient for analysis of TPH-DRO, MTBE and metals. Due to lab error, the samples exceeded their holding time but were analyzed. The sampling analysis indicated that TPH-GRO and benzene were detected above the RECAP GW SS. Toluene, ethylbenzene and xylene were also detected, but at concentrations below the RECAP GW SS.

Since no groundwater was encountered at B-3, no groundwater samples were collected from TW-3.

Table 2 in Appendix C indicates the concentrations of constituents detected and the comparison to the Screening Standards.

5.0 FINDINGS

Based on the information obtained by AEI Consultants during the Phase I ESA performed in July 30, 2014 and Terracon's file review, the past use of the site as a gas station constituted a REC in connection with the site. This LSI investigation was performed in accordance with Terracon Proposal PEH140407, dated August 26, 2014.

5.1 Soil

TPH-GRO was detected in sample B-2 at a concentration of 210 mg/kg and in sample B-3 at a concentration of 280 mg/kg, which are above the RECAP Soil SS of 65 mg/kg. The remaining constituents were either not detected or were detected below their respective RECAP Soil SS.

Because the concentration of TPH-GRO exceeded the Recap Soil SS, Terracon calculated site-specific cleanup standard based on Management Option 1 (MO-1) Limiting RECAP Standards to make a preliminary determination whether a remedial response action may be required. The MO-1 soil cleanup standard for TPH-DRO was calculated for the site as follows:

- Based on the knowledge of the area, the groundwater at the site would be classified as Groundwater 3-Non Drinking Water (NDW). A nearby site (Personal Touch Car Wash and Used Tire Al No. 93917 located 0.75 miles southwest) documented GW3 NDW in a report dated May 1, 2007.
- From Table 2 in RECAP, the base Soil Non-Industrial MO-1 Standard for TPH-GRO is 650 mg/kg.
- From Table 2 in RECAP, the base Soil GW3 NDW MO-1 Standard for TPH-GRO is

Commercial Property ■ Baton Rouge, Louisiana November 21, 2014 ■ Terracon Project No. EH147133



6100 mg/kg. Under RECAP, the base number is then multiplied by a dilution factor. The Dilution factor was determined to be 440, thus the final Soil GW3 NDW MO-1 Standard is 2.684X10⁶ mg/kg.

Under RECAP, the lower of the two values will be the preliminary RECAP MO-1 Standard; thus the preliminary RECAP MO-1 for TPH-GRO is 650 mg/kg. The highest concentration detected on-site was 280 mg/kg in B-3.

5.2 Groundwater

TPH-DRO was detected in sample TW-1 at a concentration of 0.89 mg/L, which is above the RECAP GW SS of 0.15 mg/L.

TPH-GRO was detected in sample TW-2 at a concentration of 12 mg/L, which is above the RECAP GW SS of 0.15 mg/L. Benzene was detected in sample TW-2 at a concentration of 0.35 mg/L, which is above the RECAP GW SS of 0.005 mg/L. It should be noted that sample TW-2 exceeded its holding time.

Because the concentrations of TPH-DRO, TPH-GRO, and benzene exceeded the RECAP GW SS, Terracon calculated site-specific cleanup standards based on Management Option 1 (MO-1) Limiting RECAP Standards to make a preliminary determination whether a remedial response action may be required. The MO-1groundwater cleanup standards can be calculated for the site as follows:

- Based on the knowledge of the area, the groundwater at the site would be classified as Groundwater 3-Non Drinking Water (NDW). A nearby site (Personal Touch Car Wash and Used Tire Al No. 93917 located 0.75 miles southwest) documented GW3 NDW in a report dated May 1, 2007.
- From Table 3 in RECAP, the base Groundwater 3 NDW MO-1 Standard for TPH-DRO is 24 mg/L. Under RECAP, the base number is then multiplied by a dilution factor. The dilution factor was determined to be 440, thus the preliminary RECAP MO-1 Standard is 10,560 mg/L. The highest contaminant concentration detected on-site was 0.89 mg/L in TW-1.
- From Table 3 in RECAP, the base Groundwater 3 NDW MO-1 Standard for TPH-GRO is 31 mg/L. Under RECAP, the base number is then multiplied by a dilution factor. The dilution factor was determined to be 440, thus the preliminary RECAP MO-1 Standard is 13,640 mg/L. The highest contaminant concentration detected on-site was 12 mg/L in TW-2.
- From Table 3 in RECAP, the base Groundwater 3 NDW MO-1 Standard for benzene is 0.013 mg/L. Under RECAP, the base number is then multiplied by a dilution factor. The dilution factor was determined to be 440, thus the preliminary RECAP MO-1 Standard is 5.72 mg/L. The highest contaminant concentration detected on-site was

Commercial Property ■ Baton Rouge, Louisiana November 21, 2014 ■ Terracon Project No. EH147133



0.35 mg/L in TW-2

6.0 CONCLUSIONS AND RECOMMENDATIONS

The presence of contamination above screening levels is considered a REC. However, because the concentrations detected are significantly less than the preliminary MO-1 Limiting Recap Standards that have been calculated, it is Terracon's opinion that LDEQ would not require further action at the site. However, based on the findings of the LSI, Terracon recommends submitting the results of this assessment to LDEQ requesting a Letter of No Further Interest determination.

7.0 GENERAL COMMENTS

This report has been prepared for the exclusive use of the client for specific applications to the project as discussed. The analysis and opinions expressed in this report are based upon data obtained from the soil samples and laboratory analysis at the indicated locations or from other information discussed in this report. This report does not reflect variations in subsurface stratigraphy, hydrogeology, and contaminant distribution that may occur across the site. Actual subsurface conditions may vary and may not become evident without further assessment. The limitations of this assessment should be recognized as conclusions formulated on the environmental risk associated with this property.

This report has been prepared in accordance with generally accepted environmental engineering practices. No warranties to third parties are intended or made. In the event any changes in the nature or location of suspected sources of contamination as outlined in this report are observed, the conclusions and recommendations contained in this report shall not be valid unless these changes are reviewed and the opinions of this report are modified or verified in writing by Terracon.

Bob Crain

From:

SPOC <spoc.otrs@la.gov>

Sent:

Friday, December 19, 2014 12:58 PM

To:

_DEQ-CROAdmin

Subject:

[Incident#1453739] CRO s14-53739 T160666 EastBatonRougeParish XK75 13585

Attachments:

CRO s14-53739 T160666 EastBatonRougeParish XK75 13585.txt

SPOC Whitney Lee

Louisiana Department of Environmental Quality Single Point Of Contact
Phone: (225) 219, 3640

Phone: (225) 219-3640 Fax: (225) 219-4044

---- Forwarded message from <webmasterdeq@la.gov> ---

From: <webmasterdeq@la.gov>

To: <<u>SPOC@la.gov</u>> Cc: <<u>jason.bonds@la.gov</u>>

Subject: Spill: Incident Report - XK75 13585

Date: 2014-12-19 10:42:04

Reporting Company Information

Date/Time Reported: 12/19/2014 10:40:54 AM

Type of Incident: Spill Incident/Release

First Name: Diana

Last Name: Day

Title: Staff Engineer

Company: Terracon Consultants

Phone #: 225-334-6052

Mailing Address: 2822-B O'Neal Lane

City: Baton Rouge

State: Louisiana

Zip: 70816

Email: <u>dmday@terracon.com</u>

Responsible Party Information

Responsible Party Company Name:

1075 Government Street, LLC Attn: Thomas R. Pittenger

Physical Location of Incident including City, State, Zip:

1075 Government Street, Baton Rouge, LA 70802





City: Baton Rouge	State: Louisiana	Zip: 70806			
Date of Discharge:	Unknown				
Time Noticed:	me Noticed: Began: Unknown Ended:				
Parish:	East Baton Rouge				
Media Affected:	fected: Soil/Water				
If water, name of nea	arest water body: Mississippi Rive	r			
If air, note wind direct	ction and weather conditions:				
Description of Releas	se/Spill	· · · · · · · · · · · · · · · · · · ·			
Product/material release TPH-GRO detected in detected in groundwa		TPH-GRO, TPH-DRO and Benzene			
Description of release unknown	e:				
How was the spill con	ntained?:				
How was the spill cle	eaned?:				
Directions for Reachi	ing the Site				
		kit 1 A for Government Street. Turn			

---- End forwarded message ---

BOBBY JINDAL GOVERNOR



PEGGY M. HATCH SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY OFFICE OF ENVIRONMENTAL COMPLIANCE

APR 0 0 2015

Thomas R. Pittenger Lot at 1075 Government Street 1075 Government St. Baton Rouge, LA 70802

RE:

No Further Action Notification

Lot at 1075 Government St.; AI Number 194644

1075 Government Street

Baton Rouge, East Baton Rouge Parish, LA

Dear Mr. Pittenger:

The Louisiana Department of Environmental Quality – Underground Storage Tank and Remediation Division (LDEQ-USTRD) has completed its review of your Limited Site Investigation dated November 21, 2014 for the above referenced area of investigation located at 1075 Government Street 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.

If you have any questions or need further information, please call Emad Nofal at 225-219-3509. Thank you for your cooperation in addressing this area.

Sincerely,

Gary A. Fulton, Jr.

Administrator

Underground Storage Tanks and Remediation Division

en

Attachment Basis of Decision

c: Imaging Operations – Solid Waste Terri Gibson

BASIS OF DECISION FOR NO FURTHER ACTION

Lot at 1075 Government Street AI # 194644

The Louisiana Department of Environmental Quality – Underground Storage Tank and Remediation Division (LDEQ-USTRD) has determined that 1075 Government Street requires No Further Action At This Time.

The property was previously the Central Esso Station from 1940 to 1980. The property underground storage tank (UST) system consisted of a 6,000-gallon and a 10,000 gallon tank that were removed in 1980. A UST closure report is dated February 2, 1995. The site received regulatory closure in February, 1995. An Environmental Site Assessment report dated July 30, 2014 identified the site environmental conditions. Further Limited Site Investigation was conducted on November 21, 2014.

Remedial standards were developed for this property using Management Option 1 standards. Land use is classified as industrial, but the standards applied were non-industrial. Groundwater is classified as 3A Non Drinking Water (GW3_{NDW}) based on a slug test at an adjacent facility approved by LDEQ. The nearest surface water body is the Mississippi River approximately 3,500 feet west of the site. A dilution factor (DF3) of 440 was used for the calculation of the MO-1 Standards. The non-industrial standards that were applied to this site are listed in the table that appears at the end of this BOD.

Soil and groundwater sampling has confirmed that constituents of concern concentrations do not exceed the established site-specific remediation standards, so no remedial action or engineering controls were required.

An inspection of the site was performed on March 9, 2015 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.

The impacted media, constituents of concern, maximum concentration remaining on site and limiting RECAP standard established for this site are listed in the following table:

Medium	Constituent	Maximum	Limiting
	of Concern	Remaining	RECAP
		Concentration	Standard
Soil	TPH-GRO	280 mg/kg	5100 mg/kg*
Groundwater	TPH-DRO	0.89 mg/l	10560 mg/l
Groundwater	TPH-GRO	12 mg/l	13640 mg/l
Groundwater	Benzene	0.35 mg/l	5.72 mg/l

^{*}non-industrial standard is 650 mg/kg

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.

Office of Environmental Compliance Underground Storage Tank and Remediation Division NFA, COC, or NFI Letters ONLY

(Use this form as an attachment to the OEC Route Slip for NFA, COC, or NFI Letters)

Originator: Check One or Both as Applicable: NFA Letter COC Letter or as Applicable: No Further Interest Letter Required Cost/Fee Info Final Invoicing Verification Contact Fee Payment Verification Contact PRP - Bridget Jones Solid Waste - Vicki Thibodeaux Environmental Conditions Review - Vicki Thibodeaux VRP - Vicki Thibodeaux GW Fee - Vicki Thibodeaux Date Fee Paid: 112/2015 Fee Type: Sw (\$1320) ECR (\$1500) GW (\$) Date Final Fee Type: Sw (\$1320) ECR (\$1500) GW (\$) Date Final Fee Type: Sw (\$1320) ECR (\$1500) GW (\$
Required Cost/Fee Info Final Invoicing Verification Contact PRP – Bridget Jones Environmental Conditions Review – Vicki Thibodeaux Environmental Conditions Review – Vicki Thibodeaux VRP – Vicki Thibodeaux Oate Fee Paid: 1 12 2015 Fee Type: Sw (\$1320) ECR (\$1500) Gw (\$)
Required Cost/Fee Info Final Invoicing Verification Contact PRP – Bridget Jones Environmental Conditions Review – Vicki Thibodeaux Environmental Conditions Review – Vicki Thibodeaux VRP – Vicki Thibodeaux Oate Fee Paid: 1 12 2015 Fee Type: Sw (\$1320) ECR (\$1500) Gw (\$) Date Final Invoice I
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Environmental Conditions Review – Vicki Thibodeaux VRP – Vicki Thibodeaux Date Fee Paid: 1 12 2015 Fee Type: Sw (\$1320) ECR (\$1500) GW (\$)
VRP – Vicki Thibodeaux Date Fee Paid: 1 12 2015 Fee Type: Sw (\$1320) ECR (\$1500) GW (\$)
Date Fee
Paid:
Date Final Invoice
Invoice Paid: PRP VRP ECR (if costs incurred > \$1500 fee)
Tegnnical Criteria Checkles for NFA Coc
Document that vertical and lateral extent of impact has been defined to Industrial/Commercial
extent required: Check one:
Available information documents constituent concentrations in all media are less than or equal to
the limiting RS at this time; OR
Exceedance is addressed under a VRP Partial Remedial Action by Use Restrictions.
Verified by Team Leader (TL) TL initials
Explain any unusual conditions or allowed:
exceedance:
Control in Flace
Are either LaDEQ-approved Controls (Engineering or Institutional) or Use Restrictions (VRP) part
of the remedy? If "YES", attach a Clerk of Court Certified Copy, and select which types of control:
Engineering Controls Institutional Controls
Access Controls (Fences, etc.) Access Restrictions GW Use Restriction
Cap/Surface Soil Barrier
Construction/Maintenance Building/Construction Restrictions Land Restriction
Impervious Cap City Ordinance Mortgage Notice (SW Industrial/Commercial)
Signage Conveyance Notice (all Industrial/Commercial) Non-Residential Use Restriction
Subsurface Containment Excavation Restriction Servitudes
Partial Remediation Agreement Other
Monitoring wells and/or borings were properly plugged and abandoned. Verified by Team Leader (TL) TL initials
Waste from investigation and/or corrective actions were properly disposed of, and
disposal manifests or other documentation has been provided to LDEQ. <u>Verified by</u> Team Leader (TL) TL initials
Final inspection has been performed verifying conditions for NFA/COC. YES (Attach copy of FIF)



OFFICE OF ENVIRONMENTAL COMPLIANCE 12937 UNDERGROUND STORAGE TANK AND REMEDIATION DIVISION

Routing/Approval Slip

AI NO.	194644	Facilii	у:	103	K Canil	t. St. 10t	Date Routed: 21-11-1	
Other ID No.		Locat	on: 1075 Gov		3/26/15			
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Section/Group: REM. 2			Attachments: 30D					
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	Geology				3124/1)	□Y□N		
	Legal					□ Y □ N		
Technic	cal Advisor					□Y□N		
Other (_)					□ Y □ N		
Additional	Comments						-	
Management	Review	Req'd.	lni	tials	Date	Return to Originator?	Comments	
	Supervisor		As	k	3/7/4	□Y □ N		
	Manager		/ .		100113	□ Y □ N	see conne-15	
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Deputy	Secretary			~ ~		□Y□N		
	Secretary					□ Y □ N		
Other ()					□ Y □ N		
and the second s								



CONESTOGA-ROVERS & ASSOCIATES

4915 S. Sherwood Forest Blvd. Baton Rouge, Louisiana 70816

Telephone: (225) 292-9007

Fax: (225) 292-3614

	J 0	39. www.cr	ne: (225) 292-9007 Fax: (225) 292-3614 Aworld.com
	T CAN D	RANSMITTAL	
DATE: 06/05	# * * *	REFERENCE NO.:	26809-00
min T 1.	D ((5)	PROJECT NAME:	Former Exxon Retail Store No. 5-1052
	ana Department of Environm	ental Quality	
	Office Box 82215		RECEIVED
	Rouge, LA 70884-2215 ion: SURVEILLANCE DIVISI	ION SPOC	JUN 12 2001
	UTHORIZED DISCHARGE	SURVEILLANCE DIVISION DEQ	
Please find enclose	d: Draft Originals Prints	Final Other	
Sent via:		Same Day Co	ourier
QUANTITY		DESCRIP	
QUANTITY 1		uirement Form for Form	er Exxon Retail Store No. 5-1052
	Louisiana Notification Req located at 3191 South Acad	uirement Form for Form	er Exxon Retail Store No. 5-1052
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Correspondence File

Filing:

INCIDENT#	
Agency Interest No.: 20629	
DATE June 5, 2001	

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 82215
Baton Rouge, LA 70884-2215
ATTENTION: SURVEILLANCE DIVISION - SPOC
"UNAUTHORIZED DISCHARGE NOTIFICATION REPORT"

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

Cliff D. Corder, 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)

May 25, 2001, to Mr. Charlie Melchior, Capitol Region Office; Mr. Cliff D. Corder, Conestoga-Rovers & Associates, Inc., Baton Rouge, LA; Former Exxon Retail Store No. 5-1052, 3191 South Acadian Thruway, Baton Rouge, Louisiana.

Release date and time.

Unknown

Incident details and/or emergency condition.

Concentrations of benzene, ethylbenzene, TPH-GRO, and arsenic in soil and benzene, toluene, ethylbenzene, TPH-GRO, total lead, and chromium in groundwater exceeding Risk Evaluation/Corrective Action Program (RECAP) industrial screening standards (SS). Samples were collected from the site in May 2001 during a divestment investigation.

Product released and estimated quantity released in gallons.

Gasoline - Quantity released is unknown.

•	
6.	Surface or groundwater impact.
	Surface soil, potential surface soil and groundwater impact.
7.	Action taken to stop release.
	Not Applicable
8.	Measures taken to prevent recurrence of the incident.
	The UST system was removed on March 15, 2001.
9.	Is the U.S.T. system registered?
	YES 🛛 U.S.T. ID# <u>17-004226</u>
	NO [
	SWER THE FOLLOWING ONLY IF GROUNDWATER CONTAMINATION IS NFIRMED
1.	Reporting party status (owner, operator, consultant, etc.).
	Consultant
2.	Attach groundwater contamination data and/or analytical results.
	See attached tables for data.
3.	Possible routes of migration.
	Underground utility corridors
4.	List all abandoned or active water wells within the immediate area.
	See attached Water Well Location Map for active wells.
5.	Names of all other responsible parties.
	None known at this time.
cc:	

BOBBY JINDAL GOVERNOR



PEGGY M. HATCH
SECRETARY

State of Louisiana

DEPARTMENT OF ENVIRONMENTAL QUALITY OFFICE OF ENVIRONMENTAL COMPLIANCE

July 2, 2015

CERTIFIED MAIL (7005 0390 0006 1031 4300) RETURN RECEIPT REQUESTED

A2Z Towing & Auto Salvage, LLC c/o Tracy Heard
918 Senette Street
Baton Rouge, LA 70802

RE: NOTICE OF DEFICIENCY

Agency Interest # 115957

TEMPO ACTIVITY NUMBER: INS20150002

Dear Tracy Heard:

On or about May 20, 2015, an inspection of the above referenced facility was conducted to determine compliance with the Louisiana Environmental Quality Act and supporting regulations. The facility is located at 1776 Thomas H. Delpit Drive, Baton Rouge, East Baton Rouge Parish, Louisiana. The following areas of concern were noted in the inspection report and/or subsequent file review:

LAC 33:VII.10519.A - Facility has not registered with the Department.

LAC 33:VII.10519.K – No manifests available for review because tires are not being transported to an authorized collection or permitted processing facility.

LAC 33:VII.10519.P - Sales invoices and purchase invoices unavailable for review.

LAC 33:VII.10509.G – Purchase invoices, sales invoices, manifests, and monthly fee reports unavailable for review.

LAC 33:VII.10519.D - Monthly fee reports unavailable for review.

LAC 33:VII.10519.D - Waste tire fees not remitted to the Department.

LAC 33:VII.10519.M – Waste tires are not segregated from useable tires.

LAC 33:VII.10519.H – Waste tires are not covered properly.

LAC 33:VII.10519.E - A tire customer notice was not posted. Inspectors provided a copy correcting this area of concern.

We request that you review the areas of concern noted and submit a written response within 30 days of receipt of this letter. In your response, please include any action(s) you have taken to correct the above-mentioned areas of concern at your facility.

Please address your written response to:

Department of Environmental Quality Office of Environmental Compliance Inspection Division P.O. Box 4312 Baton Rouge, LA 70821-4312

Attn: Ms. Tammy Jo Street

Re: Tempo Activity No. INS20150002

Agency Interest No. 115957

Failure to satisfactorily resolve the areas of concern will result in a formal referral to the Enforcement Division and the possible issuance of civil orders and/or assessment of civil penalties. If you have any questions or comments regarding this matter, please contact Sheena Bares at (225) 219-1192.

Sincerely,

Bolly J. Mayweather
Bobby J. Mayweather

Regional Environmental Scientist Manager

OEC/Inspection Division

BJM/tis

c: Sheena Bares, Inspection Division

AI No. 115957 Alt. ID No. n/a

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY INTRA-AGENCY ROUTING FORM

TO:	Enforcement Division									
FROM:	Inspection Division									
Routing Date:	06/04/2015									
9										
	Facility In	nformation								
Company Nam	e:									
Facility Site Name: A2Z Towing & Auto Salvage, LLC										
Agency Interes	t No: 115957	Alt. AI No:								
Mailing Address:	918	Physical Address: 1776								
Street: Senette	e Street	Street Thomas H. Delpit Drive								
City, State, Zip:	Baton Rouge, LA, 70802	City, Parish Baton Rouge, East Baton Rouge								
		<u> </u>								
_	rrty/Contact Person: Tracy Heard									
Responsible Pa	arty/Contact Person Telephone No: ((225) 412-4302								
	Inspection/Refe	erral Information								
Inspection Date	e: 05/20/2015	Hours Spent On Inspection/Report: 9								
Media: Check a	ıll that apply									
Air (inc. asbest		Waste: Risk MPs: Remediation:								
Solid Waste (in	nc tires) 🛛 UST: 🗌 Radia	ation: Stage 1 & 2:								
Complaint?	Yes No Follow up?	Yes No If yes								
Complaint:	gres in rollowup.	Enforcement Action Number								
Inspector/Tean	n Leader Name: Sheena Bares									
		02								
	n Leader Contact No.: (225) 219-119	1,121								
Approved By:	5h 10 ca m	Date: 61815 Date: 61815								
Circuit Rider R	Pavion: Bolly M.	acqueente 6.70.70								
Circuit Rider N	y gga umer	Date 4/30/15 NOD								
The information	in the referral document includes areas	of concern (AOC) and potential violations of the								
Environmental (Quality Act. Any AOC noted or regulato	ory citation listed is subject to further review as the								
		ment Division and Legal Section. Any Administrative								
issued to the res		inal findings and applicable regulatory citation formally								



COMPLIANCE INSPECTION REPORT WASTE TIRE GENERATORS

AI #:	113	95/		F1D #:							
AI NA	ME:	A2Z T	owing & Au	ito Salvage, LL	С	INSPEC	CTION I	DATE(S	5):	05/20/	/2015
Physic	al Lo	cation	1776 Thom:	as H. Delpit Dri	ive					-	
2 23 510		••••				LA	Parish	. E.	at Da	aton Ro	
			Baton Roug	(City)		(State)	rarish	: E	isi Da	non KC	ouge
Mailin	ng Ado	dress:	918 Senette	Street		Ba	ton Roug	e e	L	Α.	70802
			7 10 20110110	(Address)			(City)	3*	_	ate)	(Zip)
											
Facilit	y Rep	resenta	tive/Title:	Gennie Graha	m/ Office M	lanager					
Facilit	y Rep	resent	ative Teleph	one No: (225)) 412-4302						
Lead I	Inspec	tor:	Sheena Bare	S							
Other	Inspe	ctor(s)	: April Wa	llace							
				e		161.					-
427 T	ována	& Aut	o Solvaga ie		ry of Findir			otor Th		nongih	le party is Tracy
				been active for				at01. 111	ie ies	ponsio	ie party is tracy
2.No 1 permit 1717 F 3. Sale 4. Pur billed/4 5. Mor 6. Was 7. Was 8. Was 9. A tir	lity ha manife ted pro Hwy 19 ss invo rchase addres addres athly fo te tire te tire ste tire cate tire	as not rests averaged averaged averaged to 2 see report fees not a report of the repor	illable for reg facility. Was Allen and an available for ces unavailable for the facts unavailable tremitted to not segregate at covered protice was not	aste tires generare manifested we review. Inspectable for revieus Fire Part at 6956 le for review. Fire Department of from useable	tires are nated at A2Z with the wast tors reviewed www. Inspect 6 Cezanne A facility does at. tires.	Towing a te tires ger d three m ors revie Ave., Bato not subm	are transy nerated a onths of ewed this on Rouge it month	ported t t the Possales in ree pur ly fee re	o a V rt All voice chase	WTG falen faci es. e invo	vices that were
		History nent has		sly inspected A2	2Z Towing	and Auto	Salvage.				
			/								
Repor	t By:		Theen		~3 				0	e/0	4/15
		Sh	eena Bares, l	Environmental	Scientist III					((Date)
Reviev	ved B		Shew	Courter						6/10	3/15
		Sh	erri Courtne	y, Environment	al Scientist	Superviso	r			(Dat	te
<u></u>											

The information contained in this document may include areas of concern and potential violations of the Environmental Quality Act. Any area of concern noted or regulatory citation listed is subject to further review as this document is routed and evaluated by the Enforcement Division and Legal Section. Any Administrative Order or Action resulting from this evaluation will contain final findings and applicable regulatory citations formally issued to the responsible party.

AI #:	1159	957	FID #:				
AI NAN	Æ:	A2Z Towing & Auto S	alvage, LL	С	INSPECTION	ON DATE(S):	05/20/2015

اوم	ation A	Como	motom De	Section A Generator Requirements Compliance Comments/AOC Description							D 4'			
-			ore more th			times? If a		+-	Compi	тапсе	Сошт	euts/AUC	Description	<u>)11 </u>
	continue.			1an 20 wn	ole waste	ures? II y	/es,	×	Yes 🗌 1	No 🗌 N/A				
2.	Does the	tire gener	ator have a	n ID num	ber? (105	19. A)		⊏	Yes 🛭 1	No 🗌 N/A	Facility Departm	has not regis	stered with	the
	If yes, wh	at is the r	number?											
			r accept on er. (10519.		re for eve	ry new tire	e sold?		Yes 🔲 1	No 🗌 N/A				· ·- ·- · · · ·
			r have the roublic? (10		igns poste	d providii	ng	_	l Yes ⊠ ì	No □ N/A	Correcte	d during ins	nection.	
5.	Does the	tire dealer	r have the	vaste tire				ľ					promon	
			les invoice (10519.F)	/ No tax	ot any Kir	id should	be		Yes 🔲 1	No 🔲 N/A				
	business of	r relocati	notified LD ion of busi	ness? (105	519.L)				Yes 🗌 1	No 🛛 N/A				
			s maintain or three ye											
L	to LDEQ upon inspection? (10519.O)							Yes 🔲 1	No 🔯 N/A		·			
	 Does the generator of waste tires maintain a complete record o purchase invoices, inventory records, and sales invoices for a 										fee reports Only 3 mont			
	period of no less than three years? (10519.P)						┡	Yes 🛛 1	No 🗌 N/A	invoices	available.		•	
9.	Were the waste tire and any associated records made available review. Or						fee reports Only 3 mont							
	for inspection or audit by administrative authority? (10509.G)						.G)		Yes 🛛 1	No N/A	invoices	available		
	5						-	T 0 "			I _			
			quirement collect the		ate fee ur	on the cal	e of	\vdash	Compl	iance	Comme	ents/AOC	Description	ons
	each new	tire? (105	519.C)				e 01	×	Yes 🗌 N	lo 🔲 N/A				
			vaste tire fe truck tire.	e upon th	e sale of	each			Yes 🗌 N	No □ N/A				
	b. Collec		e tire fee u	oon the sa	le of each	medium	truck	I			-			
	tire.	+ ¢10 woo	te tire fee	man tha c	ala af an	h off root	l tima	늗		N⁄A ⊠ N/A N⁄A ⊠ N/A				
			or the sale					┢		lo ⊠ N/A				
2.	Does the t	ire dealer	remit the	waste tire	fee to the	LDEQ or	n a	Ľ				re fees not r	emitted to t	he
			no, please of the total					F	Yes 🔀 1	lo 🗌 N/A	Deaprtment Monthly fee reports not submitted to the			
	Report	(Form W	/T-02)?						Yes 🛭 N	lo 🔲 N/A	Department			
			submitted to month's a		by the 20'	n of each i	month	-	Yes 🕅 N	lo □ N/A	Monthly fee reports not submitted to the Department			
	c. Does t	he facility	keep a co	mplete re							Monthly	fee reports	unavailable	for
		aies invoi it of fee d	ices, purchaue?	ase notice	s, etc used	a to detern	nine		Yes 🛛 N	No □ N/A		Only 3 mont available	ths of sales/	purchase
	d. Are co	pies of th	ese record	s available	e for revie	ew?				No □ N/A	Only thre	ee months o	f invoices a	ıvailable
	e. Are co	nies mair	ntained for	three (3)	vears?				Ves 🕅 N	lo 🗌 N/A		ee months o	f invoices a	vailable
						Tire Fee R	eports			ring inspec	•	<u> </u>		
	Year	Jan	Feb	Mar	April	May	June	е	July	Aug	Sept	Oct	Nov	Dec
	2012													
	2013													
	2014													
	2015									_	·			
-	ction C		nifests R						Compl	iance	Comm	ents/AOC	Descrip	tion
			mply with					3? (1 T	0519.G)					
L.			res by the						Yes 🔲 N	lo 🛛 N/A				

WT Checklist 2 Revised March 2014

Al	[#:	115957			-	FID #:												
Al	I NAM	IE: A2	Z Tov	ving o	& Auto	Salvage,	LL	С			INSP	ECT	ION :	DATE(S	S):	05/2	0/2015	
	h A	tinos tuos		in Y a	iaiana sh		ندا: د	h la 4¦		·				T				
						at are not ifest? (10:			5		Yes [] No [⊠ N/A					
						oleted copi originatio												
					. (10533.F		n ua	te: II n	ιο,		Yes [] No [N/A					
	d. List	below th	e numb	er of \	Waste Tir	e Manifest	s ex	amined	duri	ng t	he insp	ection	١.					
	Year	: Jai	F	eb	Mar	April	М	ay	June	•	July		Aug	Sept	C	oct	Nov	Dec
	2012	:																
	2013	,																
	2014									_								
	2015																	
e	. Doc	s the was	te tire g	cnera	tor mainta	in copies	of th	e manif	est	\Box					L			1
_					ars? (1053						Yes [] No [N/A	No mani	fests a	vailab	le for revie	ew.
		itnorized 10519.K)		rter be	cing utiliz	ed to trans	port	the was	ste	П	Yes 🏿] No [□ N/A	No man	ifests :	availah	ole for revi	ew
				mber o	of transpo	rter:						4 [10. 10. 10. 1	
	ction]		rage								Com	plian	ce	Comme	ents/A	OC I	Descriptio	n
1.	us the v	vaste tire rom with	generate in the w	or pro aste ti	viding add res. provi	equate cov	er to	exclud	le I.									
-	and cor	ntrolling				ntainment			-,	_			_					
	(10519 Is the v		generato	or stor	ing tires f	or more th	an 1	20 days		Ш	Yes 🗵	No	N/A	Tires are	stored	d unco	vered	
	after re	ceipt or g	eneratio			? If yes, p				_								
		tive. (10		d wee	ta tirac fro	m usable	tiron	offorod	for		Yes 🗵] No [] N/A	Wasta ti				11
		0519.M)	gregate	u was	ie ines no	oni usable	ınes	onerea	101		Yes 🗵] No [□ N/A	tires	res are	not se	gregated 1	rom usable
						ring waste	tire	s on				1						
	properi	y contigu	ous to th	neir ia	icility? (10	0319.1)				M	Yes _	NO	N/A					
Se	ction]	E Sta	ndard	s &]	Respons	sibilities	of l	Motor	. 1									
		Vel	nicle D	eale	rs						Com	plian	ce	Comme	ents/A	oc r	escriptio	n
		Dealer ness? (10		LDEQ	within 30	0 days of o	omr	nencem	ent		Yes [l No F	ZI №1/A			,		
				the wa	aste tire fe	es accordi	ng to	Sectio	n	<u> </u>	165	I INO L	N/A	<u> </u>				
	B.1 of 1	his check				complete					., _	1 s v K	7					
	this che Does th		ler remi	it the v	waste tire	fee to the	LDE	O on a		Ļ	Yes _] No [N/A	-				
	monthl	y basis?	If no, pl	ease	explain	in narrati	ve? (10521.	c)		Yes 🗌] No [N/A					
		ie tee sub ort (Forn			EQ on the	Monthly '	Wast	te Tire I	Fee	П	Yes 🗆	l No E	N/A					
	b. Are	the repor	ts subm	itted t		by the 20 th	of e	ach mo	nth	_								·
		he previo				cord of qua	ntit	v of tire		Ш	Yes _	No 2	N/A					
	sold	, sales in	voices, p			s, etc used												
-		unt of fe								=			<u> N/A</u>					
						for review	v ?			=	Yes 🗀		N/A					
					three (3) y	gns posted	pro	viding	\dashv	Ц.	Yes _	No [N/A					<u></u>
		tion to th									Yes 🗌	No [N/A	_				
						fee listed of any kind			٠									
	applied	to this fe	e. (1052	21.E)		•					Yes 🗌	No [N/A					
					EQ within ess? (105)	10 days u 21F)	pon	closure	of	Π.	Yes 🗌	l No l	71 NJ/A					
7.	Has the	generato	r compl	ied wi	ith the ma	nifest requ				<u> </u>	. 00	1110 [2	A 14/LT					
		Please connce. (105		Section	on C of th	is checklis	t to	determi	ne	<u> </u>	Yes 🗌	l Na F	ZI 10.17.4					
8.	Has the	generato	r compl			rage requi			\dashv	<u></u>	1 CS	I IAO N	7 14/W	-				
	10519.I	I. Please				of this ch				<u> </u>	Vo- [-	N1 - F	7 a					
'	<u>(10521.</u>	11)								<u> </u>	Yes 🔙	NO [2	IJ N/A	L				

WT Checklist 3 Revised March 2014

STATE OF LOUISIANA NOTIFICATION OF INTENT TO PERFORM A CLOSURE OR CHANGE-IN-SERVICE TO A UNDERGROUND STORAGE TANK SYSTEM Places complete and return thirty (30) days prior to permanent UST system closure or change in-service ALTERGROUND.

<u>•</u>	r lease complete at	au return thirty (30) 0432	print to permitted to the types		/ // // // // //
	UST DIVISION	Questions: (504) 765-024	DEQ Facility Number	17-001189	
	ox 82178 louge, LA 70884-2178	The state of the s	DEQ Owner ID Number	00049100	2
1	. OWNERSHIP	OF TANKS	, II. L	OCATION OF TANKS	
IF OWNER'S AD	DRESS CHANGED,	PLEASE CHECK " 🗆 -	IF SAME AS SECTION	I. PLEASE CHECK	
DSEPH	+ S MOD	iwT =	BUTLER	3 GAS STA	(10M
OWNER NAME	(CORPORATION/IN	DIVIDUAL, ETC.)	FACILITY NAME OR	COMPANY SITE IDENTIFI	ER.
<u>834</u>	MOMPSIO	NE DIC		O. BOX NOT ACCEPTABLE	if DIC.
MAILING ADDI	RAUGE	LA10808=	5 V 7	OUGE SLA	10802
CITY	STATE	ZIP	CITY	STATE	ZIECE:
E.B.	<u>P</u>		EAST Z	BATON ROUSE	0 × × ×
PARISH/COUNT	70-	10	PARISI		
225,7	64-181	8	: (225:) 38	7 - 7 2 73	- 8 중 축기
TELEPHONE (II	NO LODE AREA COL	ביים אל אומים	Enauls'	RILLER	_ S
NAME OF CON	TACT	71001	CONTACT PERSON A	T THIS LOCATION	-
	-				
		iii. Ta	NK INFORMATION		
DATE SCHEDU	LED FOR CLOSURE	PREMOVAL OR CHANG	E-IN-SERVICE 4, 03,	.41	
DEQ ASSIGNED TANK MUMBERS	SIZE OF TANE	PRODUCT STORED IN	LAST DEQ ASSIGNED TANK NUMBERS	SIZE OF TANK (GALLONS)	PRODUCT LAST STORED IN TANK
43.48	3000	CASO	ine		
4349	3000	CASOL	NE .		
- 13.1 1 -	35		777		
		ATTACII CONTII	UATION SHEETS IF NECESSA	RY	•
3" - 3" (Cit.)		TW TOTANIC	LOSURE INFORMATION		en i de la companya di paggio di la companya di paggio di la companya di la companya di la companya di la comp La companya di la co
A. If the tank(s)	are to be closed in p	•	thind and the type of fill material		
- ——		N	<u>ν/κ</u>	72	0-0061
II'.	Certified Worker _	NI-CO	DUCSIC	Certificate No	
n ·	itracting Company _ oratory to conduct sai	mole analysis	LABS		
		PORMS THAT INCLUDE TO BE DETE	BAIINED' OR "UNKNOWN" AS A RESPONSE WILL	BE REJECTED	
			CERTIFICATION		A STATE OF THE STA
days prior to per within 90 days a	forming the UST sys	tem closure or change in that this form becomes in	knowledge and that the appropris ervice. I agree if closure or chan valid. I also agree to submit the	ate UST Regional Office will ge in service of the UST syst following information within	be contacted seven em does not begin 60 days after
Thomas or commercial	(1) - the "UST C	losure/Assessment Form"	(UST-ENF-02); e the information required by the	*Underground Storage Tani	
	Closure/Cha	unge-in-Service Assessmen	t Guidelines";		w
	(4) two copies (of analytical results with a of all manifests, bills of la	hain-of-custody documents; and ding or receipts for the disposition	of tauk(s), tank contents, so	oil and waters.
/va- 01/	re modian	T Your	4 magini	#	Whalpa
PRINT OR TY	PE OWNER'S NAM	E THE	OWNER'S SIGNATURE	<u>-</u>	DATE
		FORMS THAT DO NOT INC	LUDE THE OWNER'S SIGNATURE WILL BE REJE	crimo	•-
		DEQ RESPONSE - I	O NOT WRITE BELOW-1	HIS LINE	
✓ Approve	d for the indicated	d activity.	A 5 () () ()	. 70	.
Rejectéd	for the following re	easons:	ou have selected is not a US	T worker certified by D	FÖ
for c	losure. You mus	t select. from the enc	losed list, a contractor that i	is a certified UST worke	1.
□ DEC	records indicate	that the UST system return it to this office	has not been registered.; Yo	n must complete the att	tached
regr	STRAILUM TORM AND	TELUTION OF COURSE OF THE	anniharin addi		
	d highlighted seetie	un(s) of this form must	be completed in order for LD	EO to process.	 ;; .
☐ This form	i has not been signe	ed by the owner. Please	resubmit with the required si	gnature.	
Signature of LDE	0/1/1	mal-li-	, 885) 765 - 24	582_	6.01.20
Representative	1 Mariles	TINCULALING	Telephone No (504) 70	1 -02-12 Date 2	<u> </u>

**** INCOMPLETE FORMS MAY BE REJECTED ****-

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

NOTICES WILL ONLY BE ACCEPTED ON THIS!

YOUR UNDERGROUND STORAGE TANK MUST BE REGISTERED PRIOR TO SUBMITTAL OF THIS FORM

THIRTY DAYS prior to permanent closure or change in service of a UST, all information required on this form must be completed. Forms that are incomplete may be rejected.

Please PRINT clearly (press hard, as you are making three copies).

After completion, the UST owner is to retain the bottom copy(canary) copy and forward all other 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

The UST Division will distribute the remaining copies of the form as follows (top to bettom):

1. Original (White) - UST Main Office
2. Pink - UST Regional Office File
3. Blue - UST Owner (After DEQ Processing)

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.

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.

REVISED: 02/03/2003

	IANA DEPARTMENT OF ENVIRONMENTAL QUALITY FIELD INTERVIEW FORM		
AGENCY INTEREST#: 2696 ALTERNATE ID#: 17001184 FACILITY NAME: Bullet LOCATION: 1776 East	DEPARTURE DATE: 24/64 TIME OF DEPARTURE:	(O; 5:	sam_
RECEIVING STREAM (BASIN/SUB	SEGMENT):PARISH NAME:	•	
MAILING ADDRESS:			
FACILITY REPRESENTATIVE: 1	PP.O. Box) (City) (State) SEPH BUPLER TITLE: DUTALLE DIENUMBER: EPHONE of RESPONSIBLE OFFICIAL (if different from above):		(ZIP)
INSPECTION TYPE:	PROGRAM INVOLVED: AIR WASTE WATER OTHER		
INSPECTOR'S OBSERVATIONS: (6	e.g. AREAS AND EQUIPMENT INSPECTED, PROBLEMS, DEFICIENCIES, REMARKS, VE COMMITMENTS FROM FACILITY REPRESENTATIVES)	ERBAL	
	e that the the tanks were removed	<u></u>	
- Mr. Finformed n	e that the tanks were removed	in	
_ January 2004.			
0			
AREAS OF CONCERN:			 -
REGULATION	EXPLANATION	ORREC	TED?
	v		
		'ES	
	,	ES	NO
PHOTOS TAKEN: YES NO			NO
PHOTOS TAKEN: YES NO RECEIVED BY: SIGNATURE:	Y.		NO
YES' NO	SAMPLES TAKEN: Dig (Attach Chain-of-custody) YES NO SOSEPH BUTLER SR	ES	NO NO
RECEIVED BY: SIGNATURE:	SAMPLES TAKEN: Dig (Attach Chain-of-custody) YES NO ORIGINATION SOSEPH BUTLER SR	ES	NO NO
RECEIVED BY: SIGNATURE: PRINT NAME: (NOTE: SIGNATURE DOES NOT	SAMPLES TAKEN: DE (Attach Chain-of-custody) YES NO YES NO TOSEPH BUTLER SR T NECESSARILY INDICATE AGREEMENT WITH INSPECTOR'S STATED OBSE	ES	NO NO

PAGE OF

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

			(00) u	ays after UST Syst	em ch	DSU(E O	change-in	-service	ę. 	
Return to: LDEQ-S P.O. Box	SURVEILLANCE DIVISION 8 82215	Questions: (225) 765	-2953	DEQ Facility Number 17 - 001184						
	ouge, LA 70884-2215	 		DEQ Owner ID Nu	nber	000	1910	0		
	I. OWNERSHIP OF T			ļ	II. L	OCAT	ION OF TA	NKS		
	RESS CHANGED, PLEASE CH			IF SAME AS SECTION						
OSEP	H S MOS	nar		BULTER	5,2	G	AS.	STA	(joh	
R79	DRIFORATION/INDIVIDUAL, :	ETC.)		BULTER'S CAS STATION FACILITY NAME OR COMPANY SITE IDENTIFIER						
MAJERIAG ADDRES				STREET ADDRESS (P. O. BOX NOT ACCEPTABLE)						
BATON	POUGE LA	70808-	516	BATON TOUGE IA. TOBOZ CITY STATE ZIP						
KAR	STATE 7	ZIP		CITY STATE ZIP						
PARISH/COUNTY	E.B.R.				BA	100	عىدمل	5		
(225)	769 - 787	ಕ		1225 - 3						
						EA CODE)			
NAME OF CONTAC	TOE MODICAT NAME OF CONTACT PERSON				20	الأدسا				
<u> </u>				CONTACT PERSON	AT THE	LOCAT	ION			
	III. TA	NK INFORMATIO	N (Att	ach Continuation	Sheets	If Nec	essary)			
			CHO	OSE ONE PER TANK		ANK	HIGHES		DATE OF	
DEQ ASSIGNED TANK NUMBERS	SIZE OF TANKS (GALLONS)	PRODUCT LAST STORED IN TANK	2 = Clo	sed-in-Place		PERLY ELED?	OXYG		CLOSURE OR	
				ange-in-Service: moved & Replaced:	Cı	RCLE	READ!	ING' Oxygen	CHANGE-IN- SERVICE	
4348	3000	GASOLIVE	(-	Removes	0	N	0.0%	<u>·</u>	1/1/103	
43 49	3000	GASOLIFE	(-	lemoves Lemoves	Ô	N	00%		1/1/2/03	
4350	1.000	CASOLINE	(-0	LENOVO)	0	N	00%		(1 1/2/03	
					γ	N	V		17 7 2 .03	
					Y	N			, ,	
1 - Indicate the non	regulated substance to be	stored in the tank		3 - Highest readi	ng reco	rded just	before tank	removed	from excavation.	
o megistration in	orm addressing the replacen	nent tank must be comp	leted	4 - Lower Explos	ive Lir	nut				
	TANK	V. T.	ANK S	SLUDGES VI. TANK WATERS/WASHWATERS						
A. Date cleaned	1/12/03	A. Date disposed/	recycles						11/2 103	
B. Date disposed/	recycled // 1/3 10%	B. Volume emov	ed ~	cu/yds B. Volume removed 27						
C. Name of dispo	sal site/recycling site	C. Name of display	750			C. Nai	me of disposi	al/recycl		
Du-co-	VII. CONTAMINATE	D GOV								
				VIII. CONTAMINATED GROUNDWATER						
A. Date removed		retiliposed /	/	A. Date removed /) D D. Deno disposed / /						
	removed E		w/yds	, CK(55-						
C. Name of dispos	sal site			C. Name of disposal site/recycler						
		IX.	CERT	IFICATION						
I certify under penalty of	of law that I have personally ex- diately responsible for obtaining	amined and am familiar wit	h the infe	ormation submitted in thi	s and all	attached	documents +~	d that her	ed on my lacely -	
A	liately responsible for obtaining	the information, I believe	hat the st	obmitted information is t	me, accı	rrate, and	complete.	1985	and and and all	
JOSEPH	SMODIENT	\A	ASLA	el / Ma	die	ù l		0	1/26/04	
PRINT	OR TYPE OWNER'S NAME		\mathcal{J}	OWNER'S SIG	NATUR	Œ			DATE	
Mich tel	G. DUCO 72	_ Mcha	e s	Parte		7	7.C-01	61	1.12.00	
PRINT OR TYPE NAM	ME OF CERTIFIED WORKE	R SIGNATURE O NOT INCLUDE THE OWNER	OF CER	TIFIED UST WORKE	R		CERTIFICAT	E NO.	DATE	
<u> </u>					==		TED.			
H pro		Q RESPONSE - DO	NOT	WRITE BELOW	THIS	LINE				
DEQ Al No.	≈ (2 760) emoved from database;	no funthon estima								
UST system re	emoved from database;	additional informat	ion rec	ı. quired						
				_						
										
Signature of	0/ 1	1 1 -					- 1			
DEQ Representative	Harles Mall	Telephone No.	-122	5)19-36 p	/4 le /	1.24	Su Su	pervisor'	Bon	

UST-SURV-02

* * * * INCOMPLETE FORMS MAY BE REJECTED * * * * *

LDEQ-EDMS Document 2251497, Page 2 of 22

Undhi-karound storachtank chosleivassesskent form

- - Wast 5.

INSTRUCTIONS

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

site drawing;

site drawing;
 analytical results with chain-of-custody documents; and

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 82215 BATON ROUGE, LA 70884-2215.

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) '

<u>>*OCHDUREŠ TO BE FÓLLOWEĎ</u>

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) 765-2953 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 Permits Division, Certifications Section, at (225) 765-2554.

LDEQ-EDMS Document 5218216, Page 1 of 3

SO5-4107 T 83584 REMEDIATION SERVICES DIVISION UST RELEASE NOTIFICATION FORM

INCIDENT NU	MBER:							
NOTIFICATION	INFORMATION							
RECEIVED BY: Dennis Piper	REPORTED BY: CRA & Associates							
DATE: 11/1/05 TIME:	(Seth Domangue)							
DATE DISCOVERED: 4/21/05 DATE CONFIRMED: 7/18/05	ADDRESS: 4915 S Sherwood Forest Blvd. Baton Rouge, La. 70816							
DATE CONFIGUED, 1/10/03	Baton Rouge, Da. 70030							
	TELEPHONE: 225-292-9007							
☐ GASOLINE	PIPING LEAK							
⊠ DIESEL	UST LEAK							
USED OIL	DISPENSER LEAK							
☐ NEW OIL ☐ HAZARDOUS SUBSTANCE	│ □ SPILL □ OVERFILL □ UNKNOWN							
OTHER:	OTHER:							
FACILITYINFORMATION								
UST FACILITY ID # 17-004224	AI OWNER NAME: EMCO							
AI # 13366								
AOI NAME: Calais Exxon # 5-0608	ADDRESS: 16825							
AOI ADDRESS: 4555 Essen Lane	N Chase Dr. Rm 928C							
Baton Rouge, La.	Houston, TX 77060 CONTACT PERSON: Dale Gomm							
PARISH: East Baton Rouge	TELEPHONE: 713-819-6879							
CONTACT PERSON: Dale Gomm	11222110112. 713 (17 (007)							
TELEPHONE: 713-819-6879	,							
RULEASE	STATUS							
Assessment Required - Date (if known):	Remediation Complete							
Pending Further Information - Comments:	Date:							
Thousandha a lacad 20	Method:							
How was the release detected? Release Detection Monitoring (Specify method)	Turnet From J Wilestell - Tayler - Tayler - Tayler							
Note as a Detection Monitor mg (Specify method)	Trust Fund Eligible 🗌 Yes 🗍 No 🔯 Unknown							
Clusure Assessment Compliance Inspection	Evidence of off-site migration? 🛛 No							
Real Estate Assessment	Yes (specify)							
Other (specify)								
INCIDENCE	CODIDEION							
Soil and groundwater contamination was found during tank clos								
in the second state of the								
_	Ro-Melchior							
	KU-Melchur							
	ľ							

Cindy LaFosse

From:

Terri Gibson

Sent:

Tuesday, November 01, 2005 3:55 PM

To:

Cindy LaFosse

Subject:

FW: UST2a- Release Notif Form.doc

Attachments:

13366 Gasoline.doc; 13366 Diesel.doc

Please assign an incident number to the attached diesel release (gasoline release = 78436) and return to me. Thanks!





13366 Gasoline.doc 13365 Diesel.doc (55 KB) (55 KB)

From:

Dennis Piper

Sent:

Tuesday, November 01, 2005 3:41 PM

To: Terri Gibson

Subject:

UST2a- Release Notif Form.doc

LDEQ-EDMS Document 5218216, Page 3 of 3

12/02/2005

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY INCIDENT REPORT Incident ID: 83584

Page 1 of 1

Incident Reporter

Received By: Dennis Piper

Received Date: NOV-01-05 00:00:00

Dispatch #: s05-4107

Reported By: Seth Domangue, Other

Phone Desc: 225-292-9007

Reporter Title:

Org Desc: CRA

Address: 4915 So. Sherwood Forest

Municipality: Baton Rouge

State Code: LA Zip Code: 70816

Comments: See Incident #83584.

Incident Description

Incident Type: UST Rem, Spill Release Incident Date: JUL-18-05 00:00:00 Parish: East Baton Rouge Municipality: Baton Rouge

Location: Calais Exxon - 4555 Essen Lane - Baton Rouge

Lat/Lon:

Basin/Segment: Substance:

Media Impacted: Water/Soil

Incident Desc: s05-4107 UST...soil and groundwater contamination found during tank closure and DISI...diesel, col

Incident Source

Source Name: ExxonMobil Oil Corp 50608

Address: 4555 Essen Ln

Municipality: Baton Rouge

State: LA

Phone:

Parish: East Baton Rouge

AI#: 13366

Related Permits: 0

Investigation CM: See Incident # 78436. Soil (MTBE) and groundwater (Benzene, MTBE, TPH-GRO, Naphthalene, 2-Findings: Methylnaphthalene, and TPH-DRO) contamination was present. A check of EDMS shows that there was an incident (UE-98-2-0106). This incident dealt with a 12,000-gallon fiberglass regular unleaded UST taking on water and the certified contractor on site discovered that there was a hole punched at the bottom of the tank directly below the fill port The stricker plate had been dislodged. The tank was repaired, but this incident

according to EDMS has not been terminated. This incident was referred to RSD on 7/18/05.

Incident Status

Lead Investigator: Charles Melchior

Region: Capital Incident Status: Closed As Of: 12/02/2005

TYPILIANA DEPARTMENT OF ENVIRONMENTAL QUALLITY MINIMUM DATA SET

Basis for Referral to the Remediation Services Division

Discovery through:									
Complaint	LDEQ Investigation	Notification							
Other Explain: Undergroun	nd Storage Tank (UST) closure and DISI	[

Agency Interest Information

LDEQ Agency Interest ID No: 13366

Agency Interest Name: Former Exxon Retail Store # 5-0608

Mailing Address: 16825 North chase Drive, Room 928C, Houston Texas 77060

Street Address: 4555 Essen Lane, Baton Rouge, LA

Parish: East Baton Rouge

Physical Address (if different): same

Agency Interest Description (Type of Business): Convenience store

Contact (Name and Title): Dale Gomm, Project Manager

Contact Phone #: 713-819-6879

Area of Investigation (AOI) Information

LDEO AOI Name: Former Exxon Store # 5-0608

AOI Coordinates (GPS or surveyed):

Location of AOI: 4555 Essen Lane, Baton Rouge, LA

Directions to AOI:

Confirmation that contamination exists: UST system was removed and a DISI was performed. Three soil borings were installed to a maximum depth of 20' and converted into monitoring wells MW-1, MW-2, and MW-3. The concentration of MTBE at MW-1 (18'-20') was above RECAP SS for soils. For groundwater Benzene, MTBE, TPH-GRO, TPH-DRO, Naphthalene, and 2-Methylnaphthalene were above RECAP SS for groundwater samples taken at MW-1. MTBE, TPH-GRO, and TPH-DRO concentrations were above RECAP SS for groundwater samples taken at MW-2 and the TPH-DRO concentration was above RECAP SS for the groundwater sample taken at MW-3.

Release Confirmation Date: Unknown

Source of release: UST system

Sampling Data Exists? Yes X (attach results) No

Page 1 MDS.1 12/99

Samples taken by: PRP LDEQ Other Explain other: CRA and Associates
Explain other: CRA and Associates
Media Sampled: Soil and groundwater
Parameters Analyzed: BTEX, MTBE, TPH-GRO, PAHs, and TPH-DRO
Constituents of Concern Detected: MTBE(soils) and benzene, MTBE, TPH-GRO, Naphthalene, 2-Methylnaphthalene, and TPH-DRO (groundwater).
Sampling Details (media, locations, depths, etc. Attach diagram if available): samples taken during USTs removal and also DISI.
Samples not collected due to visual evidence of a release and/or process knowledge. Explain:
Commence of Directory Analysis of months for a sile constraint in direct MTDD
Summary of Discovery: Analytical results for soil samples indicate MTBE was above RECAP SS and Soil and analytical results for groundwater collected indicate that
Benzene, MTBE, TPH-GRO, TPH-DRO, Naphthalene, and 2-Methylnaphthalene. were
above RECAP SS.contamination discovered during UST removal and DISI
investigation
Description of actions taken in response to Discovery: USTs were removed.
Evidence of impact or imminent threat to sensitive receptors? No Yes Details for yes:
Details for yes.

Basis for Referral to the RSD: Soil (MTBE) and groundwater (Benzene, MTBE, TPH-GRO, Naphthalene, 2-Methylnaphthalene, and TPH-DRO) contamination is present. A check of EDMS shows that there was an incident (UE-98-2-0106). This incident dealt with a 12,000-gallon fiberglass regular unleaded UST taking on water and the certified contractor on site discovered that there was a hole punched at the bottom of the tank directly below the fill port The stricker plate had been dislodged. The tank was repaired, but this incident according to EDMS has not been terminated.

LDEQ-EDMS Document 2821261, Page 3 of 38

Referred By: Charles J. Melchior

Date: 7/18/05

Phone Number: (225) 219-3644

Page 3 MDS.1 12/99 LDEQ-EDMS Document 3640558, Page 1 of 7

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY **INCIDENT REPORT** Incident ID: 108018

Page 1

of 2

Incident Description

Incident Type: UST Release, Dispenser / Spill

Incident Date: AUG-13-08 13:58 Parish: East Baton Rouge

Municipality: Baton Rouge

Location: Circle K Store #27097302300 S Acadian ThrwyBaton Rouge

Lat/Lon:

Basin/Segment:

Substance(s):

Media Impacted: Soil

Incident Desc: s08-3199UST - regular unleaded tank inconclusive July SIR...cj

Incident Status

Lead Investigator: Alan Karr

Incident Region: Capital

Incident Status: Closed

Followup Status: Closed

As Of: AUG-27-2008 15:11

Incident Reporter

Received By: Carla James

Received Date: AUG-14-2008 08:32

Dispatch #: s08-3119

Reported By: Frances Franconi, Agency Interest Self Rept

Phone: 813-910-6884

Reporter Title:

Organization: Circle K Stores Inc. Address: 12911 N Telecom Pkwy

Municipality: Tampa

State: FL Zip Code: 33637

Comments:

LDEQ-EDMS Document 3640558, Page 2 of 7

08/27/2008

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY INCIDENT REPORT

Incident ID: 108018

Page 2 of 2

Incident Source

Source Name: Circle K #2709729
Address: 2300 S Acadian Thwy

Municipality: Baton Rouge

State: LA

Phone: 2818741469 Parish: East Baton Rouge

AI #: 71560

Related Permits:

Comments: Regular July SIR inconclusive. Contacted Fran about TTT for Reg tank...ask

8/27/08 - Fran emailed results of TTT (PASSING)...ask



Tel: 713-668-6997 Fax: 866-328-9796

Test Results Cover Sheet Company Name: Circle K - Gulf

Site / Station: 2709730

Test Date: 8/20/2008

Work Ord #: 12452

Address: 2300 South Acadian Thwy

County:

Baton Rouge, LA 70808

This is to certify that the tests identified below were conducted at Circle K # 2709730 on 8/20/2008.

These test results are true and accurate to the best of my knowledge.

Tank Test

TECHNICIAN: Scott Montgomery

Petro Tite Line Test

Cert #:

Leak Detector Test

Signature:



Tel: 713-668-6997 Fax: 866-328-9796

Comments

Company Name: Circle K - Gulf

Site / Station : 2709730

Test Date : 8/20/2008 Work Ord # : 12452 Address: 2300 South Acadian Thwy

County:

Baton Rouge, LA 70808

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Test regular T/L/LD (SIR).	
Parts:	· · · · · · · · · · · · · · · · · · ·
- -	



Tel: 713-668-6997

Fax: 866-328-9796

EZ3 Locator Plus Tank Test

Company Name: Circle K - Gulf

Site / Station: 2709730

Test Date: 8/20/2008

Work Ord #: 12452

Address: 2300 South Acadian Thwy

County:

Baton Rouge, LA 70808

DATE: 8/20/2008

TOTAL TANK VOL: 10000 Gallons **ULLAGE VOL:**

6577 Gallons

TANK #:1

PRODUCT VOL: 3423 Gallons

PRODUCT TYPE: Reg

Pressure Sensor Calculation

36 INCHES OF PRODUCT	X	0.026 WEIGHT OF PRODUCT	=	0.936	PSI (1)
0 INCHES OF WATER IN TANK	X	.036	=	0	PSI (2)
Line 1 + Line 2 = Total Positive Hea	ad pressure in Tank		=	0.936	PSI (3)
.70	X	.036	=	2.52	PSI (4)
Total Head Pressure Minus Outside	Water Pressure		=	-1.584	+/- PSI (5)
Always add .5 PSI NOTE: If Line 6 is Less Than .5 PS	l Line 7 Shall be .5 P	SI	_ =	-1.084	PSI (6)
TEST PRESSURE			=	0.5	+/- PSI (7)

Acoustic Test Time

	Time	Pressure
Blower Started	8:30 PM	0
Test Pressure Reached	8:35 PM	.55
Blower turned Off	8:40 PM	.63
Test Began	8:40 PM	.63
Test Ended	8:45 PM	.55

Water Intrusion Test Period

Began: 9:00 PM 9:25 PM Ended:

Depth of Groundwater Determined

Where: Observation Well

The Acoustic Characteristic of a Leak Reveals

Tight Tank

Water Sensor Calibration

Added	Cal #1	Cal #2	Cal #3
	80	80	80
Average	80		•
Test Period: 25		Minutes	

Tank Information

Product in Tank =	36
Water in Tank =	0
Ground Water =	70
Riser Height =	47
Tank Diameter =	91
Bottom to Grade =	138

Water Sensor Indicates

No Water Intrusion



Tel: 713-668-6997 Fax: 866-328-9796

Petro Tite Line Test Company Name : Circle K - Gulf

Site / Station: 2709730

Test Date: 8/20/2008

Work Ord #: 12452

Address: 2300 South Acadian Thwy

County:

Baton Rouge, LA 70808

Line #: 1	Test Pressure: 50	
Grade: Reg		
Material: Fiberglass	Bleedback	
Length (ft): 180	Allowable: .080	
Diameter (in): 2	Measured: 0.0460	
Manufacturer of Pump: Red Jacket	· ·	
Type Of System: Pressure	Result: Pass	

Time	Procedure	PBefore	PAfter	VBefore	VAfter	VChange	VSum	Comments
8:30 PM	Closed Ball Valve and connected line tester at shear valve port							
8:35 PM	Pretest	0	60					
9:35 PM	Start Line Test	50	50		0.0150			
9:50 PM	Line Test Continued	50	50	0.0150	0.0150	0.0000		
10:05 PM	Line Test Continued	50	50	0.0150	0.0150	0.0000		
	Bleedback	50	0	0.0150	0.0610	0.0460		

Net Volume Change: 0



Tel: 713-668-6997 Fax: 866-328-9796

Leak Detector Test Company Name: Circle K - Gulf

Site / Station : 2709730

Test Date: 8/20/2008 Work Ord #: 12452

Address: 2300 South Acadian Thwy

County:

Baton Rouge, LA 70808

PRODUCT	PASS/FAIL	SERIAL NUMBER
Regular	Pass	

Comments:

lectronic leak detec	tor `					
		4				
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	-			•		
					•	
			•			
	e .					
			•			

Testing based on a 3.0 GPH leak rate @ 10 PSI

HAND DELIVERED

September 26, 2008

Mr. Keith Casanova Louisiana Department of Environmental Quality Remediation Services Division P.O. Box 4314 Baton Rouge, Louisiana 70821-4314

Re: Sampling Report
Implementation of Geoprobe Borings
Shell Oil Products US
Retail Outlet at 3375 Perkins Road
Baton Rouge, LA 70808
SAP Number 101221
Agency Interest #70017
URS Project No. 49206654.00001

Dear Mr. Casanova:

On behalf of Shell Oil Products US, URS Corporation is pleased to provide three copies of the sampling report for the implementation of geoprobe borings installed at the former shell retail outlet at 3375 Perkins Road in Baton Rouge, Louisiana.

If you have any questions or comments, please call us at (225) 922-5700.

Sincerely,

William R. Hurdle, CHMM Senior Environmental Scientist

WRH:rdm

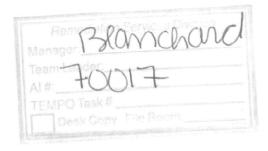
Enclosures

cc: Mr. Chris Means, LDEQ

, LDEQ RECEIPT

2008 SEP 26 PM 12 07





M. Jason Lanclos, PE Senior Project Engineer



September 28, 2007

Ms. Joyce Davis Environmental Engineer 4646 Hwy 6 South #348 Sugar Land, Texas 77478-5214

Re: Sampling Report

Implementation of Geoprobe Borings

Shell Oil Products US

Retail Outlet at 3375 Perkins Road

Baton Rouge, LA 70808 SAP Number 101221 Agency Interest #70017

URS Project No. 49206654.00001

Dear Ms. Davis:

URS is pleased to present this site assessment report conducted at a Shell Oil Products (SOPUS) gasoline retail facility located at 3375 Perkins Road in Baton Rouge, Louisiana on July 12, 2007. A site location map is presented in Figure 1.

BACKGROUND

URS was retained by SOPUS to conduct an assessment of the area in the vicinity of the installation of two sets of guard posts on the east and west side, respectively, of the facility. The two sets of guard post installations were completed for Commercial Properties L.L.C. According to information relayed to SOPUS, during the installation of the guard posts, construction workers noticed an odor or perceived visual evidence of petroleum hydrocarbons while installing the two sets of guard posts. The location of the two sets of guard posts that were identified as having problems on the east and west side of the facility were targeted as part of this investigation.

SCOPE OF WORK

Four shallow soil borings, BF-1 through BF-4, were completed to approximately 18 feet below ground surface (bgs) to determine if the shallow soil and groundwater at each site had been impacted. The boring locations are shown on Figure 2. A groundwater sample at the uppermost water-bearing zone was collected at each of the boring locations after installing a temporary monitor well. SEP 2 6 2008

URS Corporation 7389 Florida Boulevard, Suite 300 Baton Rouge, LA 70806 Tel: 225.922.5700 Fax: 225.922.5701

Ms. Joyce Davis Shell Oil Products September 28, 2007 Page 2

The soil borings were completed by direct-push methods with an all-terrain vehicle (ATV) Geoprobe rig by Walker-Hill, a licensed water well contractor in the state of Louisiana. The shallow soil borings were completed to depths at which visually-impacted soils were no longer encountered or until the uppermost permeable or water-bearing zone was encountered. All drilling, soil sampling, well installation, purging, sampling, grouting and disposal of investigation derived waste (IDW) was performed in accordance with the requirements of the United States Environmental Protection Agency Region IV Environmental Investigations Standard Operating Procedures and Quality Assurance Manual dated May 1996, Revised November 2001. Drilling was performed in accordance with the latest version of the LDEQ and LDOTD Construction of Geotechnical Boreholes and Groundwater Monitoring Systems Handbook.

Borings and Temporary Monitor Wells

Four shallow soil borings were completed to a depth of approximately 18 feet bgs. Soil samples from each boring were collected for field screening at 2-foot intervals. A portion of each 2-foot sample interval was collected for headspace analysis using a photoionization detector (PID). One soil sample was collected from each boring for analysis. The soil sample was collected from an interval in the top surficial soils or from the interval with the highest headspace reading indicated by the PID. Surficial soils were targeted based on the nature of these chemicals and proposed pathways if a release occurred.

Soil samples were obtained by hydraulically pushing or driving with a pneumatic hammer a thin-walled soil sampling tube at 4-foot intervals until completion depth or probe refusal. The soil cores were recovered in 2-inch diameter plastic liners and cut open in the field and logged and sampled by a URS geologist. The soil boring log provides a description of the subsurface soil including lithology, soil color, length of recovered sample, soil consistency, and soil classification in accordance with the Unified Soil Classification System (equivalent to ASTM D 2487 and 2488). Soil classifications were prepared in the field at the time of sampling and are subject to change based upon subsequent review. The original soil boring log was recorded directly in the field, and the typed copy prepared for the report was checked to verify that the final log accurately reproduced the contemporaneous log. The borings logs are presented in Appendix A. Soil samples were collected and sent to Test America Inc. (TAI) of Nashville, Tennessee for analyses of benzene, toluene, ethylbenzene and xylenes (BTEX); methyl tertbutyl ether (MTBE); tert-butyl alcohol (TBA); tert-amyl methyl ether (TAME); ethyl tert-butyl ether (ETBE); diisopropyl ether (DIPE); total petroleum hydrocarbons-gasoline range organics

Ms. Joyce Davis Shell Oil Products September 28, 2007 Page 3

(TPH-GRO); TPH diesel range organics (TPH-DRO); and polynuclear aromatic hydrocarbons (PAHs).

Temporary monitor wells (B1-GW through B4-GW) were installed at each of the four boring locations. Each well was constructed of 1-inch diameter Schedule 40 PVC with a 10-foot screen length (No. 10 slot) followed by blank casing to extend approximately 0.5 feet above grade. The casing was set inside the geoprobe rods which were retracted as the well was set. The well was sealed at the surface with a bentonite plug to prevent surface infiltration.

After the temporary monitor well was installed, the well was purged and sampled. Purging was accomplished using a peristaltic pump until the following criteria were met:

- The well water was clear (or clear as possible under the limits of possible suspended colloids).
- Three well volumes (minimum) were removed.

The Groundwater Collection Report forms are presented in Appendix B.

The groundwater samples were analyzed in accordance with *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods* (SW-846, 3rd Edition and subsequent updates) for the following list of constituents: BTEX, MTBE, TBA, TAME, ETBE, DIPE, TPH-GRO, TPH-DRO, and PAHs.

Groundwater samples were collected and then the temporary monitor well material was removed and the borehole was grouted to ground surface. Grouting was accomplished using a cement/ bentonite slurry (4 to 8 percent bentonite by dry weight per 94-pound sack of cement). The grout consisted of Portland cement and powdered sodium bentonite. The grout was mixed in clean, aboveground, rigid containers with an appropriate quantity (usually 8.5 gallons per sack of cement) of water. The mixing of each component was achieved by a mechanical paddle device. Mixing activities continued until a smooth, lump-free consistency was achieved. All borings were grouted using an open-end tremie method to completely fill the borehole with grout.

Decontamination of Equipment, Handling of IDW and QA/QC Samples

All IDW (purge water, decontamination wash water, excess borehole materials, and PPE) was collected into suitable containers, transferred to a designated temporary storage area on site and

Ms. Joyce Davis Shell Oil Products September 28, 2007 Page 4

labeled. URS will arrange for proper transportation and disposal of these materials in accordance with the applicable SOPUS policies and procedures and local regulations.

Analytical Results

All soil and groundwater samples were shipped to TestAmerica Laboratories in Nashville, Tennessee for analysis. The analytical results are presented in Appendix C.

Soil and groundwater samples were taken from all four borings. Groundwater analytical results are contained in Table 1. Soil analytical results are contained in Table 2. All samples results were compared to the respective LDEQ Risk Evaluation/Corrective Action Program (RECAP) Screening Standards.

Discussion of Analytical Results

URS has compared the results of the groundwater and soil samples to Screening Option Standards provided in the LDEQ RECAP. The following exceedances of the RECAP Screening Standards were noted:

- Concentrations of TPH-DRO, TPH-GRO, ETBE, MTBE, TAME, TBA, naphthalene, 2-methyl naphthalene, and benzene in shallow groundwater (7 10 feet below ground surface) exceeded the respective RECAP Screening Standard protective of groundwater use (GW_SS). Further details are provided in Table 1.
- Concentrations of TPH-GRO, benzene and MTBE in shallow soil (5 13 feet below ground surface) exceeded their respective limiting surface soil RECAP Screening Standard. Further details are provided in Table 2.

Based on a letter issued by the LDEQ on October 11, 2006, regarding this site, "The facility would be classified as a GW3 site based on a former gasoline station located approximately 0.2 miles to the north and west that was previously classified as a GW3. The point of exposure (POE) would be University Lake, which is located more than 2,000 feet southwest of the site. University Lake is not considered a drinking water source." DF3 for 2,000 feet varies from 110 to 440 depending on the thickness of the saturated zone. A saturated zone of 11 – 15 feet was used in MO-1 evaluation based on the saturated thickness observed in the soil boring at the site.

Ms. Joyce Davis Shell Oil Products September 28, 2007 Page 5

URS evaluated the MO-1 limiting RECAP standards for groundwater (see Table 3) and soils (see Table 4). Groundwater sampling results indicates that concentration of all COCs fall below the applicable MO-1 GW3 groundwater standards discussed by the LDEQ in the October 11, 2006 letter with the following exception:

• Concentrations of TPH-GRO in groundwater at boring locations BF-1 (offsite to the west) and BF-2 (onsite along the western property boundary) exceed the enclosed structure (GWesni) RECAP standard in a non-industrial exposure scenario and these concentrations also exceed the enclosed structure (GWesi) RECAP standard in an industrial exposure scenario (see Table 5).

Soil sampling results indicates that concentration of all COCs fall below the respective MO-1 limiting RECAP standard (LRS) for soils discussed by the LDEQ in the October 11, 2006 letter with the following exception:

• Concentrations of TPH-GRO in soils at BF-2 exceed the respective Soil_ni (direct exposure pathway in a non-industrial setting) and Soil_esni standards; however, the concentration does not exceed the Soil_i (direct exposure pathway in an industrial setting) standard but does exceed the Soil_esi standard. Also at location BF-2, benzene soil concentrations exceed the respective Soil_ni and Soil_esni standards; however the benzene soil concentration at BF-2 is less than the respective Soil_i and Soil_esi standards (see Table 5).

URS recommends the following:

- Delineate the extent of offsite impacts through additional field investigation in the vicinity of BF-1. URS proposes to sample groundwater for TPH-GRO at the two proposed boring locations shown in Figure 3.
- Once the extent of the offsite impacts is delineated, a conveyance notice should be filed at the Clerk of Court office because concentrations of site-related COCs in soil exceed the MO-1 non-industrial RECAP standards onsite at BF-2 for TPH-GRO and benzene in an enclosed structure or direct exposure pathway and concentrations of TPH-GRO in groundwater also exceed the MO-1 non-industrial RECAP standard in an enclosed structure pathway at BF-2 onsite and also offsite at BF-1.

Ms. Joyce Davis Shell Oil Products September 28, 2007 Page 6

If you have any questions or comments please contact us at (225) 922-5700.

Very truly yours,

M. Jason Lanclos, P.E.

Project Manager

William R. Hurdle Principal Scientist

Willie R Gudle

MJL:ws

cc: Ms. Beth Flowers, SOPUS

Mr. Art Fesmire, Commercial Properties, LLC

6/9/2009

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY INCIDENT REPORT

Page 1 of 1

Incident ID: 115181

Incident Description

Incident Type:

UST, Line Tightness Test Failure

Incident Date:

5/21/2009 17:00:00 East Baton Rouge

Municipality:

Baton Rouge

Location:

Circle K Stores, Inc. #9725 - 2959 College Dr - Baton Rouge -

Lat/Lon:

Parish:

Basin/Segment:

Substance(s):

Media Impacted:

Incident Desc:

Soil

s09-1592 Circle K Store #9725--UST--Regular gasoline failed line test; STP sumps full of

water...jd

Incident Status

Lead Investigator: Incident Region:

Incident Status:

Followup Status:

As Of:

Closed Closed

Alan Karr

Capital

6/9/2009 00:00:00

Incident Reporter 1

Received By:

Judy Desselle

Received Date:

5/22/2009 08:22:00

Dispatch #:

s09-1592

Reported By:

Heather Gilmore

Phone:

813-910-5391 (Work phone number)

Reporter Title:

Organization:

Circle K Stores, Inc.

Address:

12911 N. Telcom Pkwy

Municipality:

Tampa FL

State: Zip Code:

33637

Comments:

Incident Source 1

Source Name:

Circle K #2709725

Address:

2959 College Dr

Municipality:

Baton Rouge

State:

LA

Phone:

2259259680 (Work phone number)

Parish:

East Baton Rouge

Al #:

13684

Related Permits:

Comments:

6/8/09 - Line Test completed on 5/21/09 with Passing results. Results emailed today.

8/24/2016

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY INCIDENT REPORT

Page 1 of 2

Incident ID: 171026

Incident Description

Incident Type:

UST, Release Detection Inconclusive

Incident Date:

6/7/2016 00:00:00 East Baton Rouge

Baton Rouge

Municipality: Location:

Circle K# 9725 - 2959 College Dr. - Baton Rouge

Lat/Lon:

Parish:

Basin/Segment: Substance(s):

Media Impacted:

Soil

Incident Desc:

s16-81960 UST - SIR Inconclusive on Both Regular Unleaded Tanks. col

Incident Status

Lead Investigator:

Hamilton Shaw

Incident Region: **Incident Status:**

Capital Closed

Followup Status:

Closed

As Of:

8/24/2016 00:00:00

Incident Reporter 1

Received By:

Spo Contact

Received Date:

6/8/2016 09:04:00

Dispatch #:

s16-81960

Reported By:

Cheri Robbins

Phone:

850-454-1096 (Work phone number)

Reporter Title:

Organization:

Circle K Stores, Inc. 25 W Cedar St., Suite M Address:

Municipality:

Pensacola

State:

FL

Zip Code:

32502

Comments:

1)6/08/2016 incident reported.

2) 6/08/2016 incident received initiated investigaion.

3)6/9/2016 received passing test results from vally tank testing dated 6/09/2016

incident closed