Texas Commission on Environmental Quality

Remediation Division Correspondence Identification Form

SITE & PROGRAM AREA IDENTIFICATION

SITE LOCATION				REMEDIATION DIVISION PROGRAM AND FACILITY IDENTIFICATION	
Site Name:	Oak Grove Grocery			Is This Site Being Managed Under A State Lead Contract? ☐ Yes ☑ No	
Address 1:	4598 North FM 46			Program Area:	LEAKING PETROLEUM STORAGE TANK
Address 2:				Mail Code:	MC-137
City:	Franklin	State:	Texas	Is This A New Site To This Program Area? ☑ Yes ☐ No	
Zip Code:	77825	County:	Robertson	LPST No.:	121683
TCEQ Region:	Region 9 - Waco			Facility ID No.:	2589

DOCUMENT(S) IDENTIFICATION

	PHASE OF REMEDIATION	DOCUMENT NAME
1.	ASSESSMENT	DRINKING WATER SURVEY
2.		
3.		
4.		
5.		

CONTACT INFORMATION

I attest that all work has been conducted in accordance with accepted industry standards/practices and adhered to TCEQ guidance and rules. I certify that I am aware that misrepresentation of any of the above claims is a violation of 30 TAC 334.453(b)(1)(E) and that this violation may result in the disciplinary actions set forth in 30 TAC 334.453 and or 334.463 and 334.465.

RESPONSIBLE PARTY/APPLICANT/CUSTOMER

Name:	Shannon						
Company:	Oak Grove Grocery	Phone Number:	808-782-1123			Fax Number:	281-362-0013
Address 1:	4598 N FM 46	City:	Franklin	State:	TX	Zip Code:	77825
Address 2:		Email Address:	oakgrove2676@gmail.com				

ENVIRONMENTAL CONSULTANT/REPORT PREPARER/AGENT

CAPM:	Daren Mckinnies					CAPM Reg No.:	PM0000708
Company:	Lake Conroe Environmental Consultants, Inc.	Phone Number:	281-362-0007			Fax Number:	281-362-0013
Address 1:	3516 Oak Landing	City:	Conroe	State:	TX	Zip Code:	77304
Address 2:		Email Address:	daren@lcenviro.com				
RCAS:	Scott C. Stephens					RCAS Reg No.:	RCAS00798
Company:	Lake Conroe Environmental Consultants, Inc.	Phone Number:	281-362-0007			Fax Number:	281-362-0013
		Email Address:	scott@lcenviro.com				

SIGNATURES

Responsible Party	Date	Project Manager	Date	RCAS	Date
			12/11/23		12/11/23

TCEQ INTERNAL USE ONLY

Document No.	TCEQ Database Term	Document No.	TCEQ Database Term
1.		4.	
2.		5.	
3.			

DRINKING WATER SURVEY

Oak Grove Grocery
4598 North FM 46
Franklin, Texas 77856

LPST # 121683
Facility ID: 2589; R-9

Prepared By:
Lake Conroe Environmental Consultants, Inc.

December 7, 2023

Scott C. Stephens
Geologist, P.G. 6073/CAPM 215

EXECUTIVE SUMMARY

The following Drinking Water Survey (DWS) was required due to the detection of hydrocarbon impacts to shallow groundwater located at Oak Grove Grocery (PST Facility ID 2589) located at 4598 North FM 46 in Franklin, Robertson County, Texas 77856. The current responsible property is S.N.N.V. Enterprises, Inc.

This updated Drinking Water Survey (DWS) was requested as per the TCEQ letter dated November 10, 2023 by Remediation Division Project Manager, Denise Crawford.

Chemicals of concern (COC) associated with this site are typical components of unleaded gasoline that included BTEX and TPH constituents. Groundwater impacts involving benzene, ethylbenzene, and MTBE exceed TCEQ's PST Screening and Action Levels in shallow groundwater onsite. Detectable TPH impacts in the C12-C28 were detected above the method quantitation limit (MQL). The underground Petroleum Storage Tank (PST) system was removed on February 9, 2023 by Coastal Tank and Testing, LLC. The site currently exists as a convenience store. The Drinking Water Survey field activities and 500' receptor survey was performed by LCE on December 5, 2023.

LCE performed a field survey to document all wells located within a 500-feet radius and all other wells that did not demonstrate a cemented interval or those that did not have well construction details. A 500' receptor survey was performed in the vicinity of site and no sensitive receptors (other than water wells) were identified. The regional gradient is presumed to be south-southeast.

Wells located within 500' from site

No water wells identified by the ERIS Water Well Report are located within 500' of the subject property.

Wells located between 500' and 0.25-mile from site

No water wells identified by the ERIS Water Well Report are located within 500' and 0.25-mile of the subject property.

Wells located greater than 0.25-mile from site

Well Location #1 (3960601) located approximately 2,064.95 feet (0.39 miles) to the west and is the closest water well to the source area. This domestic well is reportedly owned by Oak Grove Country Club and the well logs provided by ERIS does not show a cemented interval. The well is plotted at an address 4598 FM 46 and is reportedly used for "irrigation" purposes. A State of Texas Water Well Report reports that the well was installed in 1971 to a maximum depth of 442' bls. and is presumably up-gradient to the site. LCE confirmed the location of this well, see photographic documentation attached.

Well location #2 (39-60-6A) is reportedly owned by B.J. Bonner and used for domestic use. This well is presumably located up-gradient of site approximately 2,093.37 feet (0.40 miles) to the north-northeast and the well logs provided by ERIS does not show a cemented interval. This well was installed in 1972 to a total depth of 472' bls. LCE could not confirm the location of this well.

Well locations #3 (152038) was reportedly used for rig supply. This well is presumably located up-gradient of Oak Grove Grocery approximately 2,526.44 feet (0.48 miles) to the NNE and owned by Encana Oil & Gas. This well is installed in 2008 to a total depth of 430' bls. This well has a cemented interval from the surface to 20' bls and from 310' to 330' bls. and is considered protective of shallow water contaminants. LCE believes this well is mis-plotted and should be located outside the 0.50-mile radius of subject property.

Well locations #4 (299159) was reportedly used for rig supply and owned by XTO Energy. This well is presumably located down-gradient of site approximately 2,553.50 feet (0.48 miles) to the south-southwest at 6141 Paluxy. This well is installed in 2012 to a total depth of 200' bls. This well has a cemented interval from the surface to 10' bls and is considered protective of shallow water contaminants.

Our 500' receptor survey did not identify any unregistered private water wells. The Brazos Valley Groundwater Conservation District (BVGCD) online database documented five (5) wells (Well Location #1, #2, #4, and two (2) additional wells not on the ERIS Report) within a one-half mile radius of the site.

General Area Information Summary

SECTION 1. Groundwater Contamination

A Phase II Site Assessment conducted in August of 2023 documented hydrocarbon impacts to the shallow groundwater adjacent to the former PST tank pit and dispensers located on the SE portion of site. Results suggest levels of hydrocarbon impacts involving MBTEX constituents were detected in the first encountered groundwater at a depth of approximately 20 feet bls. The hydraulic gradient for the site is presumed to be to the south-southeast. The Brazos River is located 15.11 miles to the SW of the site and drains in a southward direction into the Gulf of Mexico.

SECTION 2. Public Water Supply Availability

The site and nearby community is currently provided water services via the Robertson County Water Supply Corporation. The Robertson County Water Supply Corporation provides groundwater to the area extracted from the Simsboro Aquifer located in Robertson County. The Simsboro is part of the Carrizo-Wilcox Aquifer.

SECTION 3. Groundwater Production Zones

The geologic formation underlying the site is the Beaumont Formation and groundwater is produced from the Carrizo-Wilcox Aquifer. "Extending from the Rio Grande in South Texas northeastward into Arkansas and Louisiana, the Carrizo-Wilcox aquifer provides water to all or parts of 66 counties. The Wilcox Group and overlaying Carrizo Sand form a hydrologically connected system of sand locally imbedded with clay, silt, lignite, and gravel. Throughout most of its extent in Texas, the aquifer yields fresh to slightly saline water that is used mainly for irrigation in the Winter Garden District of South Texas, and for public supply and industrial use in Central and Northeast Texas. In 2008, irrigation accounted for 43 percent of water pumped from the aquifer, and municipal supply accounted for 47 percent. Excessive pumping has lowered the water level, particularly in the artesian portion of the Winter Garden District of Atascosa, Dimmit, Frio, LaSalle, and Zavala counties and in the municipal and industrial areas of Angelina, Nacogdoches, and Smith counties." *(Definition source: The* 1996-1997 *Texas Almanac).*

SECTION 4. Affected or Potentially Affected Water Wells

According to our 500-foot survey and review of database records provided by the Texas Water Development Board (TBWD), Water Utility Database (WUD), Select Submitted Drillers Report Database Wells (SSDRD), TCEQ, the U.S. Geological Survey National Water Information System (NWIS) and the Brazos Valley Groundwater Conservation District (BVGCD), LCE has documented a total of six (6) water wells within a ½ mile radius. Of the 6 wells, five (5) wells were identified within 0.25- and 0.50-mile radius of the site of which three (3) of the wells are protective of shallow groundwater due to the presence of a documented cemented interval. One (1) well identified by BVGCD was reported as being within 500' of subject property.

LCE also performed a ½ mile water well survey with Brazos Valley Groundwater Conservation District (BVGCD) online database documented five (5) wells (Well Location #1, #2, #4, and two (2) additional wells not on the ERIS Report**)** within a one-half mile radius of the site.

Two additional wells identified by the BVGCD report. The first is Well ID# 695114 owned by Reagan Osburn. This well was installed in 1995 to a total depth of 460' bls. This well is plotted approximately 2,009 feet to the northwest of site. The well log for this well shows a cemented interval from the surface to 400 ft bls. and is considered protective of shallow water contaminants. This well was plotted in the middle of the pasture and no visible evidence of well was observed. LCE verified that this resident is on Robertson County Water Supply and has a visible roadside water meter device.

The second well identified by the BVGCD report is well 1078748 owned by Becky D. Harley and was plotted 500 feet south/southeast. No construction details are available for this well. This well was not observed during our reconnaissance and the resident is currently provided water by the Robertson County Water Supply Corporation as confirmed by a roadside water meter device.

LCE did not identify any registered or unregistered water wells within a 500-foot radius from the subject property. Based on the distance and low-level impacts documented in shallow groundwater at the site; the potential hydrocarbon impacts to nearby area surface water receptors or area water wells is very unlikely.

If you have any questions or need additional information regarding this issue, please contact us immediately.

Sincerely

Scott C. Stephens, CAPM 215
President – LCE

Attachments: DWS Report Transmittal Form (Attachment 1).
½ Mile Radius Water Well Search – ERIS
Brazos Valley Groundwater Conservation District Well Search
500 Foot Receptor Survey Map
Water Well Map
Photographic Documentation

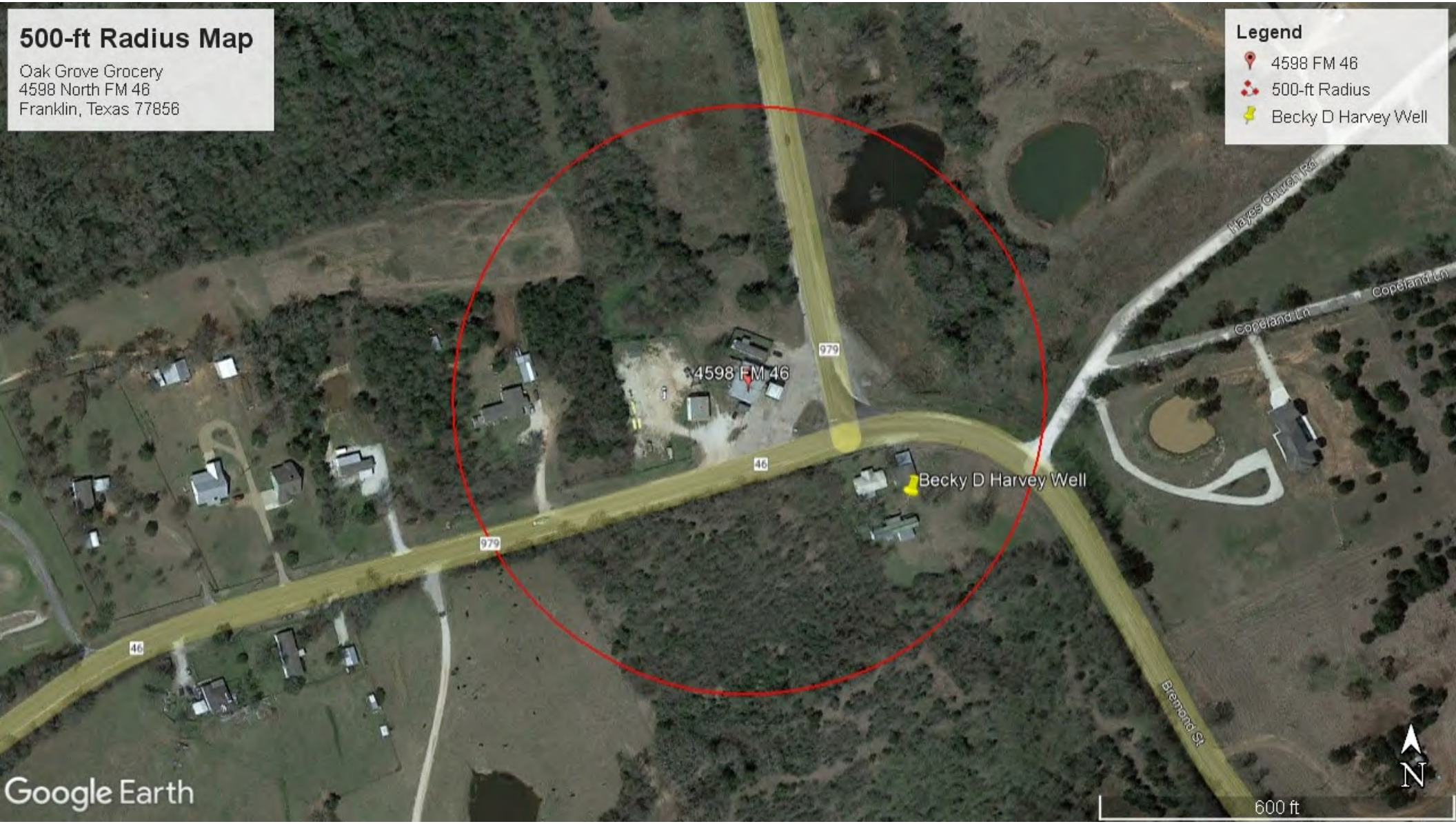
Drinking Water Survey Report Transmittal Form
(Remediation Division, TCEQ)

Remediation Division Program: RDR	**Transmittal Date:**
Program ID No.: 121683 **Regulated Entity Reference No.: 2589** **Customer Reference No.:**	**Document Date: 12/7/2023**
Facility Name: Oak Grove Grocery	**Submittal** ☐ With Initial Release Documentation ☐ Expedited TCEQ Request ☒ Non-Expedited TCEQ Request

Physical address of property where groundwater assessment was conducted.
Street: 4598 North FM 46
City: Franklin, Texas 77856

Have you contacted the applicable groundwater conservation district? (This is a required step—it must be completed. Choose NA only if there is no groundwater conservation district for the area.)	☒ Yes		☐ NA
Has the extent of groundwater contamination been defined to residential health-based values for ingestion?	☐ Yes	☒ No	
If the extent of groundwater contamination has been defined to residential health-based values for ingestion, are any private drinking water wells located within the groundwater contaminant plume?	☐ Yes	☒ No	☐ NA
If the extent of groundwater contamination has not been defined to residential health-based values for ingestion, are any private drinking water wells located within a 0.25-mile radius of the known extent of groundwater contamination?	☐ Yes	☒ No	☐ NA


0.50-mile Radius Map
Oak Grove Grocery
4598 FM 46
Franklin, Texas
Legend
0.25 mile Radius
0.50-mile Radius
1
2
3
4
4598 FM 46
500-ft Radius
BVGCD Well
Reagan Osborn Well
Becky D Harvey Well
Hayes Church Rd
Copeland Ln
Bewery Ln
South Walnut Creek
Oak Tree Ln
Bremond St
Grant Prairie Rd
979
392
46
389
N
3000 ft
Google Earth


500-ft Radius Map
Oak Grove Grocery
4598 North FM 46
Franklin, Texas 77856
Legend
4598 FM 46
500-ft Radius
Becky D Harvey Well
4598 FM 46
Becky D Harvey Well
979
46
Hayes Church Rd
Copeland Ln
Copeland Ln
Bremond St
N
600 ft
Google Earth