TCEQ Remediation Division

Drinking Water Survey Report Transmittal Form

BACKGROUND: TWC §26.408 requires the TCEQ, within 30 days of the date the TCEQ receives notice or otherwise becomes aware of a case of groundwater contamination, to notify owners of private drinking water wells that may be affected by the groundwater contamination.

USE: Use this form as a transmittal sheet to a Drinking Water Survey Report.

Program:	PST	**Transmittal Date:**	11/10/20
Program ID No.:	Facility ID: 1319 LPST No. 121019	**Document Date:**	11/10/20
Facility Name:	Max Food Mart		

Physical address of property where groundwater assessment was conducted:

Street: 400 George Bush Dr. City: College Station

Do the concentrations in groundwater exceed residential health-based values?	X	Yes		No
Has the extent of groundwater contamination been defined to residential health-based values based on ingestion?		Yes	X	No
Are there any private drinking water wells located within a 0.25-mile radius of the property boundary or known extent of groundwater contamination?		Yes	X	No
Based upon the available data, do groundwater concentrations exceed or are they suspected to exceed residential health-based values in any water well?		Yes	X	No

Texas Commission on Environmental Quality

Remediation Division Correspondence Identification Form

SITE & PROGRAM AREA IDENTIFICATION

SITE LOCATION

Site Name: Max Food Mart

Address 1: 400 George Bush Dr.

Address 2:

City: College Station State: Texas

Zip Code: 77840 County: Brazos

TCEQ Region: Region 9 - Waco

REMEDIATION DIVISION PROGRAM AND FACILITY IDENTIFICATION

Is This Site Being Managed Under A State Lead Contract?

☐ Yes ☑ No

Program Area: LEAKING PETROLEUM STORAGE TANK

Mail Code: MC-137

Is This A New Site To This Program Area?

☑ Yes ☐ No

LPST No.: 121019

Facility ID No.: 1319

DOCUMENT(S) IDENTIFICATION

	PHASE OF REMEDIATION	DOCUMENT NAME
1.	ASSESSMENT	DRINKING WATER SURVEY REPORT
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: Abul Iqbal
Company: Rafsan Investment, Inc.
Address 1: 3300 S. Texas Ave.
Address 2:
Phone Number: 979-229-9664
City: College Station State: TX
Email Address: [redacted]
Fax Number: 979-693-3877
Zip Code: 77845

ENVIRONMENTAL CONSULTANT/REPORT PREPARER/AGENT

CAPM: David Asvestas, P.E.
Company: Banester Engineering Consultants, Ltd.
Address 1: 28070 Smithson Valley Rd.
Address 2:
Phone Number: 210-771-8154
City: San Antonio State: TX
Email Address: [redacted]
CAPM Reg No.: 747
Fax Number: 210-579-7738
Zip Code: 78261

RCAS: Josephine L. Asvestas
Company: Banester Engineering Consultants, Ltd
Phone Number: 210-771-8154
Email Address:
RCAS Reg No.: CS0000059
Fax Number: 210-579-7738

SIGNATURES

Responsible Party	Date	Project Manager	Date	RCAS	Date
[signature]	11/10/20	[signature]	11/10/20		

TCEQ INTERNAL USE ONLY			
Document No.	TCEQ Database Term	Document No.	TCEQ Database Term
1.	**DWS REC SURVEY**	4.	
2.		5.	
3.			

Drinking Water Survey Report

LPST ID# 121019
Facility ID # 1319
Facility Name: Max Food Mart
Facility Location: 400 George Bush Dr.
College Station, Texas 77840

Prepared for:

Rafsan Investment Inc.
3300 S. Texas Ave.
College Station, Texas 77845

Prepared by:

Banester Engineering Consultants, Ltd.
28070 Smithson Valley Rd.
San Antonio, Texas 78261
TX PE Firm No. F-9126

Phone (210) 771-8154
Fax (210) 597-7738

November 10, 2020

RCAS CS0000059
Project # 2020-1735

TABLE OF CONTENTS

EXECUTIVE SUMMARY

The Max Food Mart facility is located at 400 George Bush Dr. in College Station, Texas. The site is located at the southeast corner of the intersection of George Bush Dr. and Montclair Ave. The site is currently a convenience store and UST facility.

On November 10, 2020, a Plan A Risk Based Site Assessment Report was completed and subsequently submitted to the TCEQ.

GeoSearch completed a 0.5 mile radius water well search for the site on October 21, 2020. Brazos Valley Groundwater Conservation District (BVGCD) is the local water district for Brazos County. Attachment 1 presents the GeoSearch water well report.

Banester Engineering conducted a 500 foot and ¼ mile field survey on October 26, 2020. The GeoSearch Report indicated no water wells were located within a ½ mile radius. Additionally, from the 500 foot field survey, ¼ mile field survey, and Brazos Valley GCD review, no water wells were located in the field.

1.0 GROUNDWATER CONTAMINATION

From the Plan A Risk Based Site Assessment Report, four monitoring wells were installed at the Max Food Mart facility.

From the groundwater sampling activities conducted on October 26, 2020 the highest groundwater contaminant concentrations noted were the following:

Benzene =	0.055 mg/l (MW-3)
Toluene =	0.186 mg/l (MW-3)
Ethylbenzene =	0.071 mg/l (MW-3)
Xylenes =	0.136 mg/l (MW-3)
MTBE =	0.538 mg/l (MW-3)
TPH =	<15.0 mg/l (MW-3)

At this time, the lateral extent of groundwater contamination has not been defined to residential health based values. Attachment 2 presents the site plan and table of groundwater analytical results.

2.0 PUBLIC WATER SUPPLY AVAILABILITY

Public water supply availability was evaluated by reviewing the City of College Station Annual Water Quality Report (2019) and contacting the City of College Station and Texas A & M University Public Water System.

The site is located on George Bush Dr. and within the City of College Station. The water supply for the City of College Station is obtained from groundwater production zones in northern Brazos County. The City of College Station has ten wells in the Simboro Aquifer and one well in each the Carrizo and Sparta Aquifers. The City of College Station provides municipal water to the site and surrounding areas south of George Bush Dr. Attachment 3 presents the City of College Station water line map.

Texas A & M University is located across George Bush Dr. to the north. Texas A & M University's water supply is provided by Texas A & M University Public Water System (PWS No. 0210017) from groundwater production zones in northern Brazos County. The Texas A & M University Public water system has three wells in the Simboro Aquifer, three wells in the Sparta Aquifer and one well in the Carrizo Aquifer. The Texas A & M University Public Water System provides municipal water to the Texas A & M University Campus.

The information for the public water supply availability and groundwater production zones was provided by the Following:

A.) Mr. Doroteo Garcia, E.I.T.
City of College Station
Water Services Department
1601 Graham Rd.
College Station, TX 77845
Phone: (979) 764-5018
Email: dgarcia@cstx.gov

B.) City of College Station website: www.cstx.gov

C.) Mr. Nathan Jones
Texas A & M University
Assistant Director, Utilities Services
Phone: (979) 862-4606
Email: nathan.jones@tamu.edu

3.0 GROUNDWATER PRODUCTION ZONES

Upon review of the major and minor aquifer maps of Texas, the major aquifer is the Carrizo-Wilcox, while the minor aquifers are the Sparta and Yegua Jackson in the area.

As previously noted the City of College Station and Texas A & M Public Water System are utilizing water wells drilled into the Simboro Aquifer, Carrizo Aquifer, and Sparta Aquifer.

4.0 AFFECTED OR POTENTIALLY AFFECTED WATER WELLS

For this drinking water well survey, Banester Engineering evaluated the GeoSearch Water Well Report and reviewed the records from the agency listed below and conducted a door-to-door survey on October 26, 2020 to verify the presence or absence of water well locations.

Agencies Contacted

- Brazos Valley Groundwater Conservation District (BVGCD), Mr. Alan Day, General Manager, phone: (979) 279-9350.

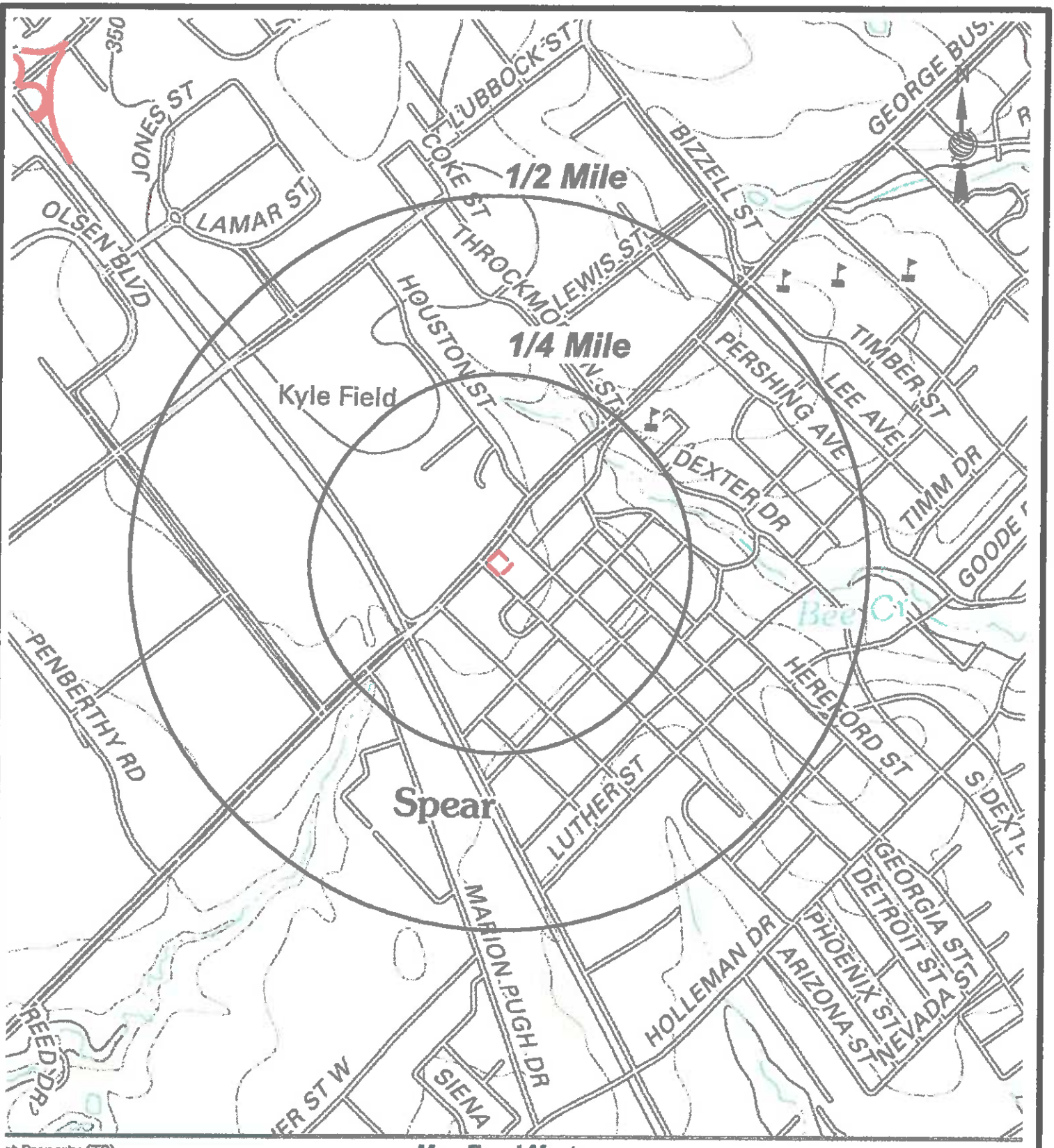
From the GeoSearch water well record search, no water wells were located within a 0.5 mile radius of the property boundary.

On October 16, 2020 Mr. David Asvestas, P. E. of Banester Engineering Consultants, Ltd. contacted Mr. Alan Day of BVGCD and also reviewed the BVGCD groundwater map. Mr. Day indicated there were no water wells located within a ½ mile radius of our site location.

On October 26, 2020, Banester Engineering personnel conducted a 500 foot visual survey and a 0.25 mile survey for potential water wells. No water wells were located during the field survey.

The site is the Max Food Mart facility and the surrounding area is commercially and residentially developed. Municipal water is supplied and available to the area from the City of College Station and the Texas A & M Public Water System.

FIGURE



Max Food Mart
400 George Bush Dr
College Station, Texas
77840

SOURCE: GEOSEARCH, 2020

SITE MANAGER: DA	CHECKED BY: JLA
DRAWN BY: DA	DRAWING DATE: 11/3/20
SCALE: 1" = 1000'	TX FIRM NO. F-9126
CAD FILE NAME: FIG1	PROJECT NO.: 20-1735

BANESTER ENGINEERING

FIGURE 1

WATER WELL INVENTORY
(1/2 MILE RADIUS)

MAX FOOD MART
400 GEORGE BUSH DR., COLLEGE STATION, TX

ATTACHMENT 1

GeoSearch Water Well Report

GeoSearch

On time. On target. In touch.™

Texas Water Well Report

Target Property:

Max Food Mart
400 George Bush Dr
College Station, Brazos County, Texas 77840

Prepared For:

Banester Engineering Consultants Ltd

Order #: 155853
Job #: 378868
Project #: 2020-1735
Date: 10/21/2020

phone: 888-396-0042 · fax: 512-472-9967 · www.geo-search.com

TARGET PROPERTY SUMMARY

Max Food Mart
400 George Bush Dr
College Station, Brazos County, Texas 77840

USGS Quadrangle: ***Wellborn, TX***
Target Property Geometry: ***Area***

Target Property Longitude(s)/Latitude(s):
(-96.337029, 30.606357), (-96.336720, 30.606090), (-96.336982, 30.605859), (-96.337301, 30.606112), (-96.337029, 30.606357)

County/Parish Covered:
Brazos (TX)

Zipcode(s) Covered:
College Station TX: 77840, 77843

State(s) Covered:
TX

DATABASE FINDINGS SUMMARY

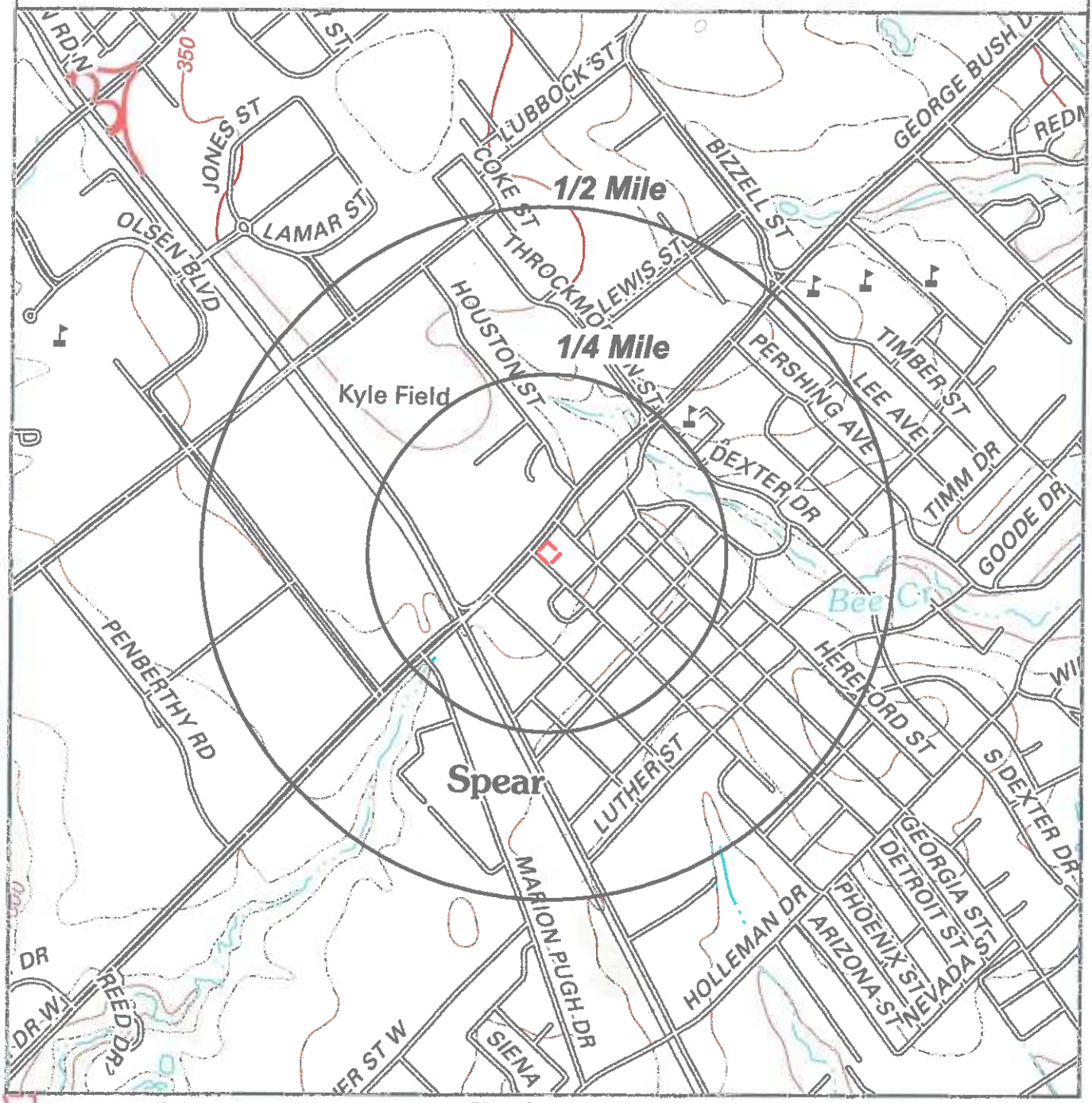
DATABASE	ACRONYM	LOCA-TABLE	UNLOCA-TABLE	SEARCH RADIUS (miles)
FEDERAL				
UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM	NWIS	0	0	0.5000
SUB-TOTAL		0	0	
STATE (TX)				
SELECT SUBMITTED DRILLERS REPORT DATABASE WELLS	SSDRD	0	0	0.5000
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS	TCEQ	0	0	0.5000
TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE	TWDB	0	0	0.5000
WATER UTILITY DATABASE	WUD	0	0	0.5000
SUB-TOTAL		0	0	
TOTAL		0	0	

LOCATABLE DATABASE FINDINGS

ACRONYM	SEARCH RADIUS (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
FEDERAL								
NWIS	.5000	0	0	0	0	NS	NS	0
SUB-TOTAL		0	0	0	0	0	0	0
STATE (TX)								
SSDRD	.5000	0	0	0	0	NS	NS	0
TCEQ	.5000	0	0	0	0	NS	NS	0
TWDB	.5000	0	0	0	0	NS	NS	0
WUD	.5000	0	0	0	0	NS	NS	0
SUB-TOTAL		0	0	0	0	0	0	0
TOTAL		0	0	0	0	0	0	0

NOTES:
NS = NOT SEARCHED
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

WATER WELL MAP



Target Property (TP)

Max Food Mart
400 George Bush Dr
College Station, Texas
77840

N
W E
S

0' 600' 1200' 1800'
SCALE: 1" = 1200'

NWIS United States Geological Survey National Water Information System

VERSION DATE: 1/2020

The U.S. Geological Survey (USGS) National Water Information System (NWIS) includes water inventory data originating from all 50 states, plus border and territorial sites, including data from as early as 1899. This database includes selected site types limited to Groundwater Sites and Spring Sites from the 1.5 million plus sites within NWIS. Surface-Water, Atmospheric, and Other Site types are excluded. Disclaimer: Water Data for the Nation is the USGS public web interface to much of the data stored and managed within NWIS. It is not, however, configured to present all NWIS data and users may need to contact local Water Science Centers to obtain some information. NWIS data is updated on a regularly scheduled basis, and current condition data is generally updated upon receipt at local Water Science Centers.

SSDRD Select Submitted Drillers Report Database Wells

VERSION DATE: 8/2020

This Texas Water Development Board database was created from the online Texas Well Report Submission and Retrieval System (a cooperative TDLR, TWDB system) that registered water-well drillers use to submit their required reports. The system was started in February 2001 and is optional for the drillers to use. This data excludes the following well types: Monitor Wells, Environmental Soil Borings, Injections Wells, De-watering and Test Wells.

TCEQ Texas Commission on Environmental Quality Water Wells

VERSION DATE: NR

The Texas Commission on Environmental Quality (TCEQ) maintains a filing system of plotted and unnumbered water wells. Plotted water wells are filed according to the County indicated by the driller and the state well number assigned by State of Texas personnel. Given the available location information provided by the driller, personnel identify where the approximate well location should be. After well placement a state well number is assigned indicating that the well lies within a specific 2.5' section of a 7.5' quadrangle. This method allows for quicker, more refined, reference when researching a specific area. Unnumbered water wells have not been assigned a state well number. This can occur for a variety of reasons; however it does not mean the well cannot be accurately spotted. Unnumbered water well records are filed according to County and are often broken up by year or by a span of years.

TWDB Texas Water Development Board Groundwater Database

VERSION DATE: 5/2020

The Texas Water Development Board Groundwater Database contains information for more than 123,500 sites in Texas including data on water wells, springs, oil/gas tests, water levels, and water quality. The purpose of the Board's data collection effort over the years has been to gain representative information about aquifers in the state in order to do water planning. It is very important, however, to realize that the wells in the database represent only a small percentage of the wells that actually exist in Texas. A registered water well driller is required by law to send in a report to the State for every well that is drilled. This requirement began in 1965, and we estimate that approximately 500,000 wells have been drilled in Texas since then. Of the 1,000,000 plus water wells drilled in Texas over the past 100 years, more than 130,000 have been inventoried and placed into the TWDB groundwater database. State well numbers have been assigned to these based on their location within numbered 7 1/2 minute quadrangles formed by lines of latitude and longitude. This database contains well information including location, depth, well type, owner, driller, construction and completion data.

WUD Water Utility Database

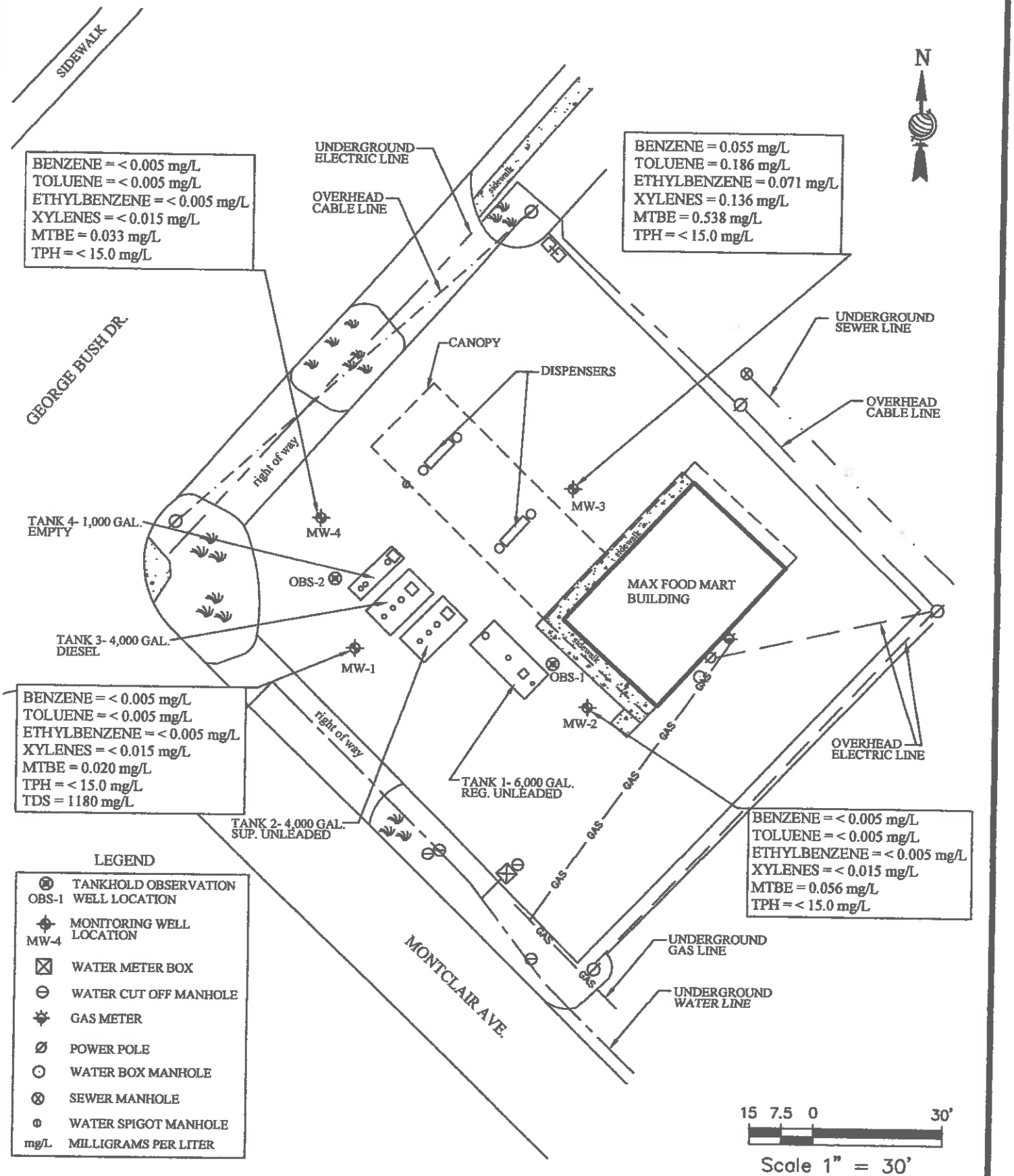
VERSION DATE: NR

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public

Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

ATTACHMENT 2

Banester Engineering Consultants, Ltd. Documentation



SITE MANAGER: DA	CHECKED BY: JLA
DRAWN BY: DA	DRAWING DATE: 11/7/20
SCALE: 1" = 30'	TX FIRM NO. F-9126
CAD FILE NAME: ATTACH8	PROJECT NO.: 20-1733

BANESTER ENGINEERING

ATTACHMENT 8

BTEX/MTBE/TPH/TDS GROUNDWATER CONTAMINANT CONCENTRATION MAP (10/26/20)

MAX FOOD MART
400 GEORGE BUSH DR., COLLEGE STATION, TX

Attachment 15B Groundwater Analytical Results (mg/L)

LPST # 121019

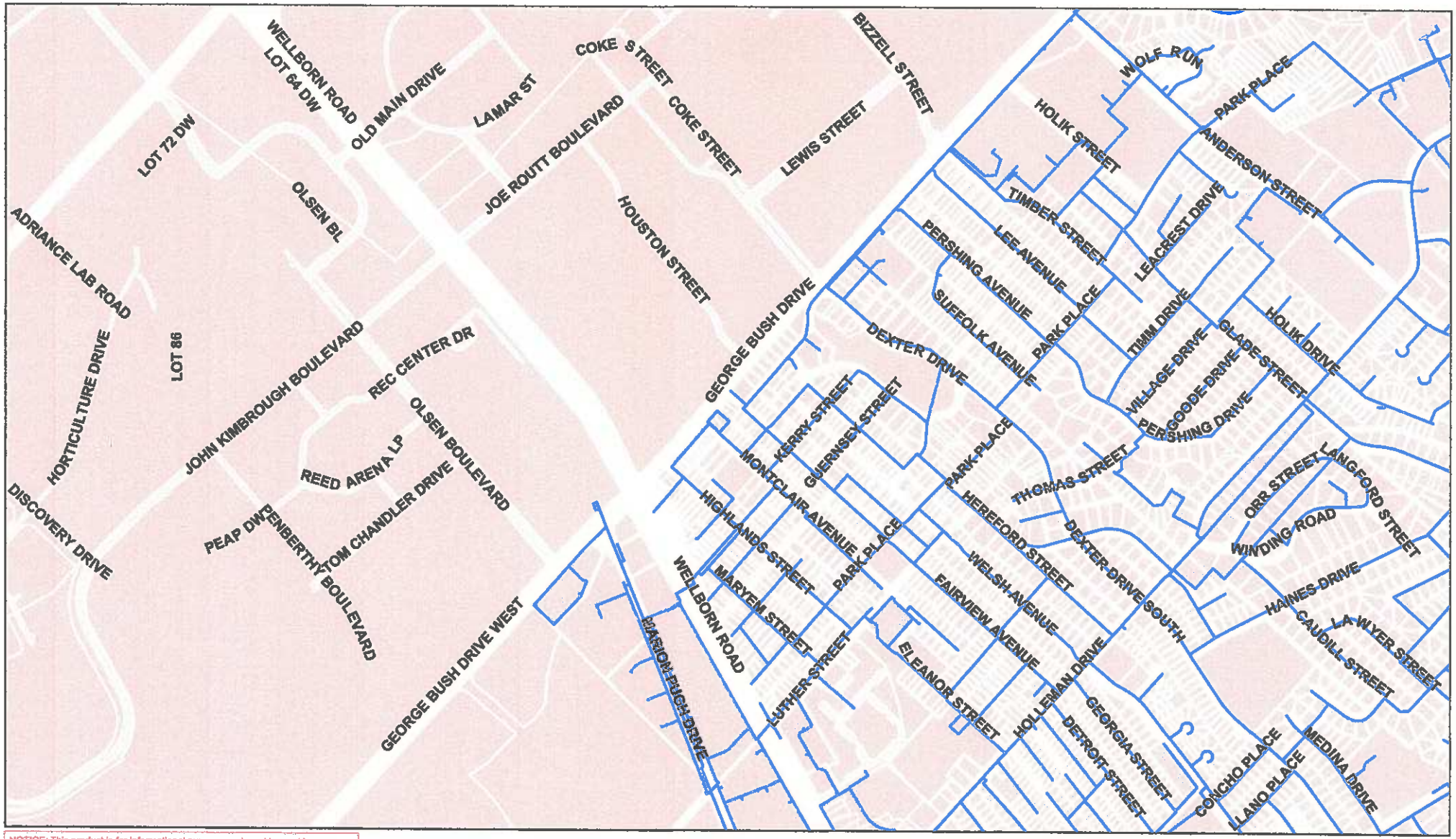
Well Number	Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Xylenes (mg/l)	MTBE (mg/l)	TPH C6 - C12 (mg/l)	TPH C12 - C28 (mg/l)	TPH C28 - C35 (mg/l)	TPH C6 - C35 (mg/l)	TDS (mg/l)
MW-1	10/26/20	<0.005	<0.005	<0.005	<0.015	0.020	<5.00	<5.00	<5.00	<15.0	1180
MW-2	10/26/20	<0.005	<0.005	<0.005	<0.015	0.056	<5.00	<5.00	<5.00	<15.0	NA
MW-3	10/26/20	0.055	0.186	0.071	0.136	0.538	<5.00	<5.00	<5.00	<15.0	NA
MW-4	10/26/20	<0.005	<0.005	<0.005	<0.015	0.033	<5.00	<5.00	<5.00	<15.0	NA
PST Category II Action Levels		**0.0568**	**2.92**	**3.65**	**10.0**	**0.365**					

Notes:
mg/l = Milligrams per liter
TDS = Total Dissolved Solids
TPH = Total Petroleum Hydrocarbons
MTBE = Methyl-Tert-Butyl-Ether
NA = Not Analyzed

Source: Banester Engineering Consultants, Ltd., 2020
San Antonio Testing Laboratory, 2020

ATTACHMENT 3

City of College Station Water Line Map



NOTICE: This product is for informational purposes only and has not been prepared for and is not suitable for legal, engineering, construction, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of certain geographic features. No warranty, expressed or implied, is made by the City of College Station as to the accuracy, completeness, suitability, or timeliness of the information contained herein. The City of College Station assumes no responsibility for any private or commercial use, misuse, reliance, or interpretation of the information provided herein, or any loss resulting therefrom.

CREATED ON 10/30/2020

- Existing Distribution Main
- Existing Fire Main
- Existing Transmission Main
- Existing Collection Main

0 425 850 1,700

SCALE IN FEET

CITY OF COLLEGE STATION
Home of Texas A&M University®