

UST FACILITY PLAN
(Modification of a Previously Approved Plan)
Facility ID No.: 69436

Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, TX

Prepared for:

FFM Solutions, LLC
6835 N. Loop 1604 W.
San Antonio, Texas 78249

Prepared by:

GEO STRATA ENVIRONMENTAL CONSULTANTS, INC.
PO Box 830606
SAN ANTONIO, TEXAS 78283



Geo Strata Job # 1023-SA Other

REGISTERED CORRECTIVE ACTION SPECIALIST

RCAS #00093
EXP DATE 2/2024

Suzanne Green. P.G., Geo Strata Environmental Consultants

CORRECTIVE ACTION PROJECT MANAGER

CAPM #1550
P.G. License # 6511

Cheri Krieg, P.G.

May 2023

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Edwards Aquifer Application Cover Page

Our Review of Your Application

The Edwards Aquifer Program staff conducts an administrative and technical review of all applications. The turnaround time for administrative review can be up to 30 days as outlined in 30 TAC 213.4(e). Generally administrative completeness is determined during the intake meeting or within a few days of receipt. The turnaround time for technical review of an administratively complete Edwards Aquifer application is 90 days as outlined in 30 TAC 213.4(e). Please know that the review and approval time is directly impacted by the quality and completeness of the initial application that is received. In order to conduct a timely review, it is imperative that the information provided in an Edwards Aquifer application include final plans, be accurate, complete, and in compliance with [30 TAC 213](#).

Administrative Review

1. [Edwards Aquifer applications](#) must be deemed administratively complete before a technical review can begin. To be considered administratively complete, the application must contain completed forms and attachments, provide the requested information, and meet all the site plan requirements. The submitted application and plan sheets should be final plans. Please submit one full-size set of plan sheets with the original application, and half-size sets with the additional copies.

To ensure that all applicable documents are included in the application, the program has developed tools to guide you and web pages to provide all forms, checklists, and guidance. Please visit the below website for assistance: <http://www.tceq.texas.gov/field/eapp>.

2. This Edwards Aquifer Application Cover Page form (certified by the applicant or agent) must be included in the application and brought to the administrative review meeting.
3. Administrative reviews are scheduled with program staff who will conduct the review. Applicants or their authorized agent should call the appropriate regional office, according to the county in which the project is located, to schedule a review. The average meeting time is one hour.
4. In the meeting, the application is examined for administrative completeness. Deficiencies will be noted by staff and emailed or faxed to the applicant and authorized agent at the end of the meeting, or shortly after. Administrative deficiencies will cause the application to be deemed incomplete and returned.

An appointment should be made to resubmit the application. The application is re-examined to ensure all deficiencies are resolved. The application will only be deemed administratively complete when all administrative deficiencies are addressed.

5. If an application is received by mail, courier service, or otherwise submitted without a review meeting, the administrative review will be conducted within 30 days. The applicant and agent will be contacted with the results of the administrative review. If the application is found to be administratively incomplete, it can be retrieved from the regional office or returned by regular mail. If returned by mail, the regional office may require arrangements for return shipping.
6. If the geologic assessment was completed before October 1, 2004 and the site contains “possibly sensitive” features, the assessment must be updated in accordance with the *Instructions to Geologists* (TCEQ-0585 Instructions).

Technical Review

1. When an application is deemed administratively complete, the technical review period begins. The regional office will distribute copies of the application to the identified affected city, county, and groundwater conservation district whose jurisdiction includes the subject site. These entities and the public have 30 days to provide comments on the application to the regional office. All comments received are reviewed by TCEQ.
2. A site assessment is usually conducted as part of the technical review, to evaluate the geologic assessment and observe existing site conditions. The site must be accessible to our staff. The site boundaries should be

clearly marked, features identified in the geologic assessment should be flagged, roadways marked and the alignment of the Sewage Collection System and manholes should be staked at the time the application is submitted. If the site is not marked the application may be returned.

3. We evaluate the application for technical completeness and contact the applicant and agent via Notice of Deficiency (NOD) to request additional information and identify technical deficiencies. There are two deficiency response periods available to the applicant. There are 14 days to resolve deficiencies noted in the first NOD. If a second NOD is issued, there is an additional 14 days to resolve deficiencies. If the response to the second notice is not received, is incomplete or inadequate, or provides new information that is incomplete or inadequate, the application must be withdrawn or will be denied. Please note that because the technical review is underway, whether the application is withdrawn or denied **the application fee will be forfeited**.
4. The program has 90 calendar days to complete the technical review of the application. If the application is technically adequate, such that it complies with the Edwards Aquifer rules, and is protective of the Edwards Aquifer during and after construction, an approval letter will be issued. Construction or other regulated activity may not begin until an approval is issued.

Mid-Review Modifications

It is important to have final site plans prior to beginning the permitting process with TCEQ to avoid delays.

Occasionally, circumstances arise where you may have significant design and/or site plan changes after your Edwards Aquifer application has been deemed administratively complete by TCEQ. This is considered a “Mid-Review Modification”. Mid-Review Modifications may require redistribution of an application that includes the proposed modifications for public comment.

If you are proposing a Mid-Review Modification, two options are available:

- If the technical review has begun your application can be denied/withdrawn, your fees will be forfeited, and the plan will have to be resubmitted.
- TCEQ can continue the technical review of the application as it was submitted, and a modification application can be submitted at a later time.

If the application is denied/withdrawn, the resubmitted application will be subject to the administrative and technical review processes and will be treated as a new application. The application will be redistributed to the affected jurisdictions.

Please contact the regional office if you have questions. If your project is located in Williamson, Travis, or Hays County, contact TCEQ’s Austin Regional Office at 512-339-2929. If your project is in Comal, Bexar, Medina, Uvalde, or Kinney County, contact TCEQ’s San Antonio Regional Office at 210-490-3096

Please fill out all required fields below and submit with your application.

1. Regulated Entity Name: Fiesta Mini Market					2. Regulated Entity No.: RN102243128				
3. Customer Name: FFM Solutions, LLC					4. Customer No.: CN606016756				
5. Project Type: (Please circle/check one)	New		Modification X			Extension		Exception	
6. Plan Type: (Please circle/check one)	WPAP	CZP	SCS	UST X	AST	EXP	EXT	Technical Clarification	Optional Enhanced Measures
7. Land Use: (Please circle/check one)	Residential		Non-residential X			8. Site (acres):		0.996	
9. Application Fee:	\$1300.00		10. Permanent BMP(s):						
11. SCS (Linear Ft.):			12. AST/UST (No. Tanks):				Two 12,000 USTs		
13. County:	Bexar		14. Watershed:				Maverick Creek of the Medina Watershed		

Application Distribution

Instructions: Use the table below to determine the number of applications required. One original and one copy of the application, plus additional copies (as needed) for each affected incorporated city, county, and groundwater conservation district are required. Linear projects or large projects, which cross into multiple jurisdictions, can require additional copies. Refer to the “Texas Groundwater Conservation Districts within the EAPP Boundaries” map found at:

http://www.tceq.texas.gov/assets/public/compliance/field_ops/eapp/EAPP%20GWCD%20map.pdf

For more detailed boundaries, please contact the conservation district directly.

Austin Region			
County:	Hays	Travis	Williamson
Original (1 req.)	—	—	—
Region (1 req.)	—	—	—
County(ies)	—	—	—
Groundwater Conservation District(s)	☐ Edwards Aquifer Authority ☐ Barton Springs/ Edwards Aquifer ☐ Hays Trinity ☐ Plum Creek	☐ Barton Springs/ Edwards Aquifer	NA
City(ies) Jurisdiction	☐ Austin ☐ Buda ☐ Dripping Springs ☐ Kyle ☐ Mountain City ☐ San Marcos ☐ Wimberley ☐ Woodcreek	☐ Austin ☐ Bee Cave ☐ Pflugerville ☐ Rollingwood ☐ Round Rock ☐ Sunset Valley ☐ West Lake Hills	☐ Austin ☐ Cedar Park ☐ Florence ☐ Georgetown ☐ Jerrell ☐ Leander ☐ Liberty Hill ☐ Pflugerville ☐ Round Rock

San Antonio Region					
County:	Bexar	Comal	Kinney	Medina	Uvalde
Original (1 req.)	☐ X	—	—	—	—
Region (1 req.)	☐ X	—	—	—	—
County(ies)	☐ X	—	—	—	—
Groundwater Conservation District(s)	☒ Edwards Aquifer Authority ☒ Trinity-Glen Rose	☐ Edwards Aquifer Authority	☐ Kinney	☐ EAA ☐ Medina	☐ EAA ☐ Uvalde
City(ies) Jurisdiction	☐ Castle Hills ☐ Fair Oaks Ranch ☐ Helotes ☐ Hill Country Village ☐ Hollywood Park ☒ San Antonio (SAWS) ☐ Shavano Park	☐ Bulverde ☐ Fair Oaks Ranch ☐ Garden Ridge ☐ New Braunfels ☐ Schertz	NA	☐ San Antonio ETJ (SAWS)	NA

I certify that to the best of my knowledge, that the application is complete and accurate. This application is hereby submitted to TCEQ for administrative review and technical review.	
Cheri Krieg	
Print Name of Customer/ Authorized Agent	
Signature of Customer/ Authorized Agent	Date <i>May 10, 2023</i>

FOR TCEQ INTERNAL USE ONLY			
Date(s) Reviewed:		Date Administratively Complete:	
Received From:		Correct Number of Copies:	
Received By:		Distribution Date:	
EAPP File Number:		Complex:	
Admin. Review(s) (No.):		No. AR Rounds:	
Delinquent Fees (Y/N):		Review Time Spent:	
Lat./Long. Verified:		SOS Customer Verification:	
Agent Authorization Complete/Notarized (Y/N):		Fee Check:	Payable to TCEQ (Y/N):
Core Data Form Complete (Y/N):			Signed (Y/N):
Core Data Form Incomplete Nos.:			Less than 90 days old (Y/N):

Appendix A

TECQ-0587 General Information Form

General Information Form

Texas Commission on Environmental Quality

For Regulated Activities on the Edwards Aquifer Recharge and Transition Zones and Relating to 30 TAC §213.4(b) & §213.5(b)(2)(A), (B) Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **General Information Form** is hereby submitted for TCEQ review. The application was prepared by:

Print Name of Customer/Agent: Cheri Krieg, P.G.

Date: May 10, 2023

Signature of Customer/Agent:



Project Information

1. Regulated Entity Name: Fiesta Mini Market, 6835 North Loop 1604 West, San Antonio, TX

2. County: Bexar

3. Stream Basin: Medina River

4. Groundwater Conservation District (If applicable): Trinity - Glen Rose

5. Edwards Aquifer Zone:

☒ Recharge Zone

☐ Transition Zone

6. Plan Type:

☐ WPAP

☐ SCS

☐ Modification

☐ AST

☒ UST

☐ Exception Request

7. Customer (Applicant):

Contact Person: Mr. Kamaluddin Hirani

Entity: Fiesta Solutions, LLC

Mailing Address: 6835 N. Loop 1604 W.

City, State: San Antonio, TX

Zip: 78249

Telephone: 210-573-2279

FAX: _____

Email Address: Kamaal117@gmail.com

8. Agent/Representative (If any):

Contact Person: Cheri Krieg, PG

Entity: Geo Strata Environmental Consultants, Inc.

Mailing Address: PO Box 830606

City, State: San Antonio, TX

Zip: 78283

Telephone: 210-492-7282

FAX: 210-492-8935

Email Address: ckrieg@geostrata.com

9. Project Location:

- ☒ The project site is located inside the city limits of San Antonio, TX.
- ☐ The project site is located outside the city limits but inside the ETJ (extra-territorial jurisdiction) of _____.
- ☐ The project site is not located within any city's limits or ETJ.

10. ☒ The location of the project site is described below. The description provides sufficient detail and clarity so that the TCEQ's Regional staff can easily locate the project and site boundaries for a field investigation.

The Fiesta Mini Market is located at 6835 North Loop 1604 West, San Antonio on the notheast corner of North Loop 1604 West and Chase Hill Blvd.

11. ☒ **Attachment A – Road Map.** A road map showing directions to and the location of the project site is attached. The project location and site boundaries are clearly shown on the map.
12. ☒ **Attachment B - USGS / Edwards Recharge Zone Map.** A copy of the official 7 ½ minute USGS Quadrangle Map (Scale: 1" = 2000') of the Edwards Recharge Zone is attached. The map(s) clearly show:
- ☒ Project site boundaries.
 - ☒ USGS Quadrangle Name(s).
 - ☒ Boundaries of the Recharge Zone (and Transition Zone, if applicable).
 - ☒ Drainage path from the project site to the boundary of the Recharge Zone.
13. ☒ **The TCEQ must be able to inspect the project site or the application will be returned.** Sufficient survey staking is provided on the project to allow TCEQ regional staff to locate the boundaries and alignment of the regulated activities and the geologic or manmade features noted in the Geologic Assessment.

☐ Survey staking will be completed by this date: _____

14. ☒ **Attachment C – Project Description.** Attached at the end of this form is a detailed narrative description of the proposed project. The project description is consistent throughout the application and contains, at a minimum, the following details:

- ☒ Area of the site
- ☒ Offsite areas
- ☒ Impervious cover
- ☒ Permanent BMP(s)
- ☒ Proposed site use
- ☒ Site history
- ☒ Previous development
- ☒ Area(s) to be demolished

15. Existing project site conditions are noted below:

- ☒ Existing commercial site
- ☐ Existing industrial site
- ☐ Existing residential site
- ☐ Existing paved and/or unpaved roads
- ☐ Undeveloped (Cleared)
- ☐ Undeveloped (Undisturbed/Uncleared)
- ☐ Other: _____

Prohibited Activities

16. ☒ I am aware that the following activities are prohibited on the Recharge Zone and are not proposed for this project:

- (1) Waste disposal wells regulated under 30 TAC Chapter 331 of this title (relating to Underground Injection Control);
- (2) New feedlot/concentrated animal feeding operations, as defined in 30 TAC §213.3;
- (3) Land disposal of Class I wastes, as defined in 30 TAC §335.1;
- (4) The use of sewage holding tanks as parts of organized collection systems; and
- (5) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41(b), (c), and (d) of this title (relating to Types of Municipal Solid Waste Facilities).
- (6) New municipal and industrial wastewater discharges into or adjacent to water in the state that would create additional pollutant loading.

17. ☒ I am aware that the following activities are prohibited on the Transition Zone and are not proposed for this project:

- (1) Waste disposal wells regulated under 30 TAC Chapter 331 (relating to Underground Injection Control);

- (2) Land disposal of Class I wastes, as defined in 30 TAC §335.1; and
- (3) New municipal solid waste landfill facilities required to meet and comply with Type I standards which are defined in §330.41 (b), (c), and (d) of this title.

Administrative Information

18. The fee for the plan(s) is based on:

- ☐ For a Water Pollution Abatement Plan or Modification, the total acreage of the site where regulated activities will occur.
- ☐ For an Organized Sewage Collection System Plan or Modification, the total linear footage of all collection system lines.
- ☒ For a UST Facility Plan or Modification or an AST Facility Plan or Modification, the total number of tanks or piping systems.
- ☐ A request for an exception to any substantive portion of the regulations related to the protection of water quality.
- ☐ A request for an extension to a previously approved plan.

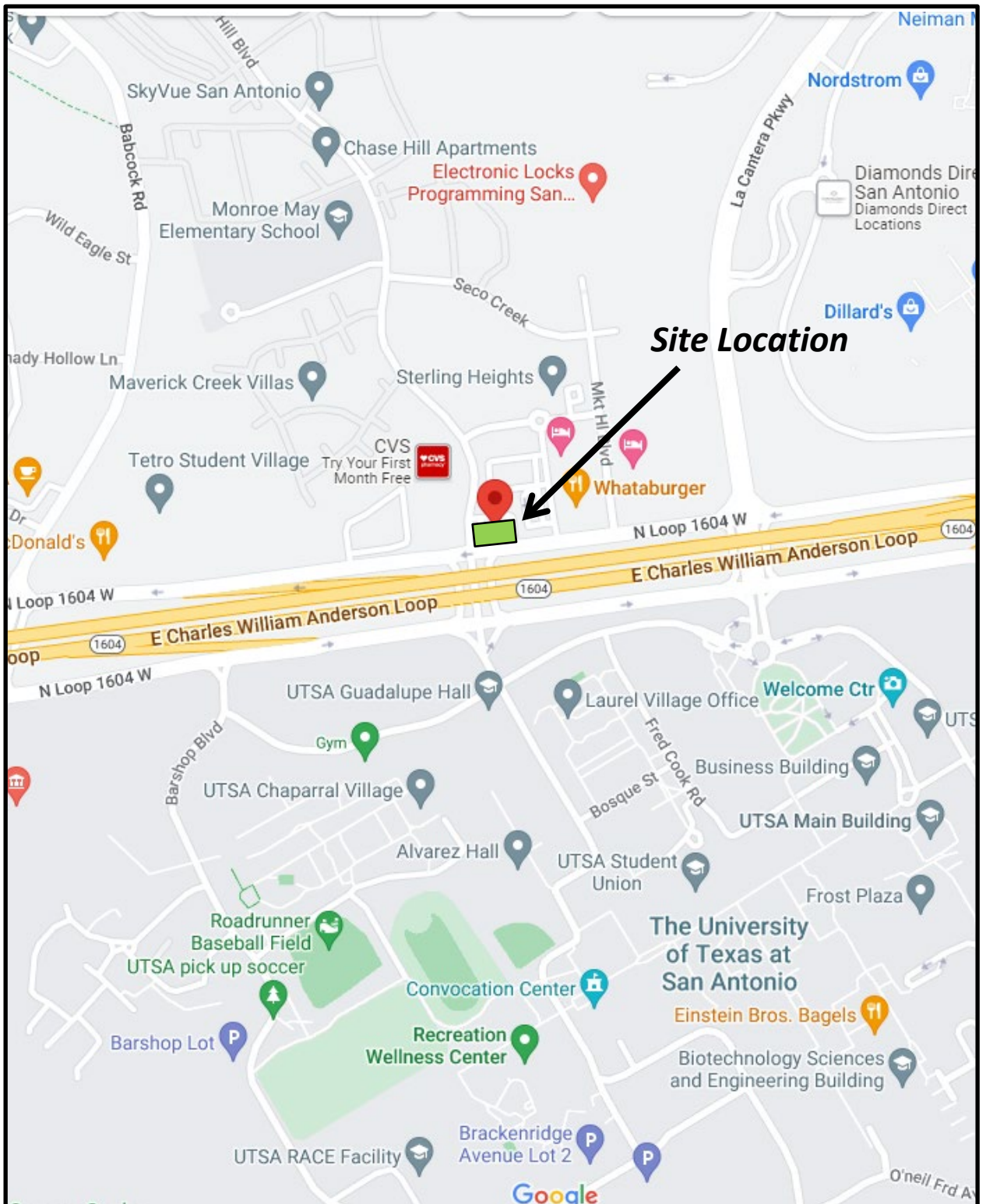
19. ☐ Application fees are due and payable at the time the application is filed. If the correct fee is not submitted, the TCEQ is not required to consider the application until the correct fee is submitted. Both the fee and the Edwards Aquifer Fee Form have been sent to the Commission's:

- ☐ TCEQ cashier
- ☐ Austin Regional Office (for projects in Hays, Travis, and Williamson Counties)
- ☒ San Antonio Regional Office (for projects in Bexar, Comal, Kinney, Medina, and Uvalde Counties)

20. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

21. ☒ No person shall commence any regulated activity until the Edwards Aquifer Protection Plan(s) for the activity has been filed with and approved by the Executive Director.

TCEQ-0587 Attachment A
Road Map

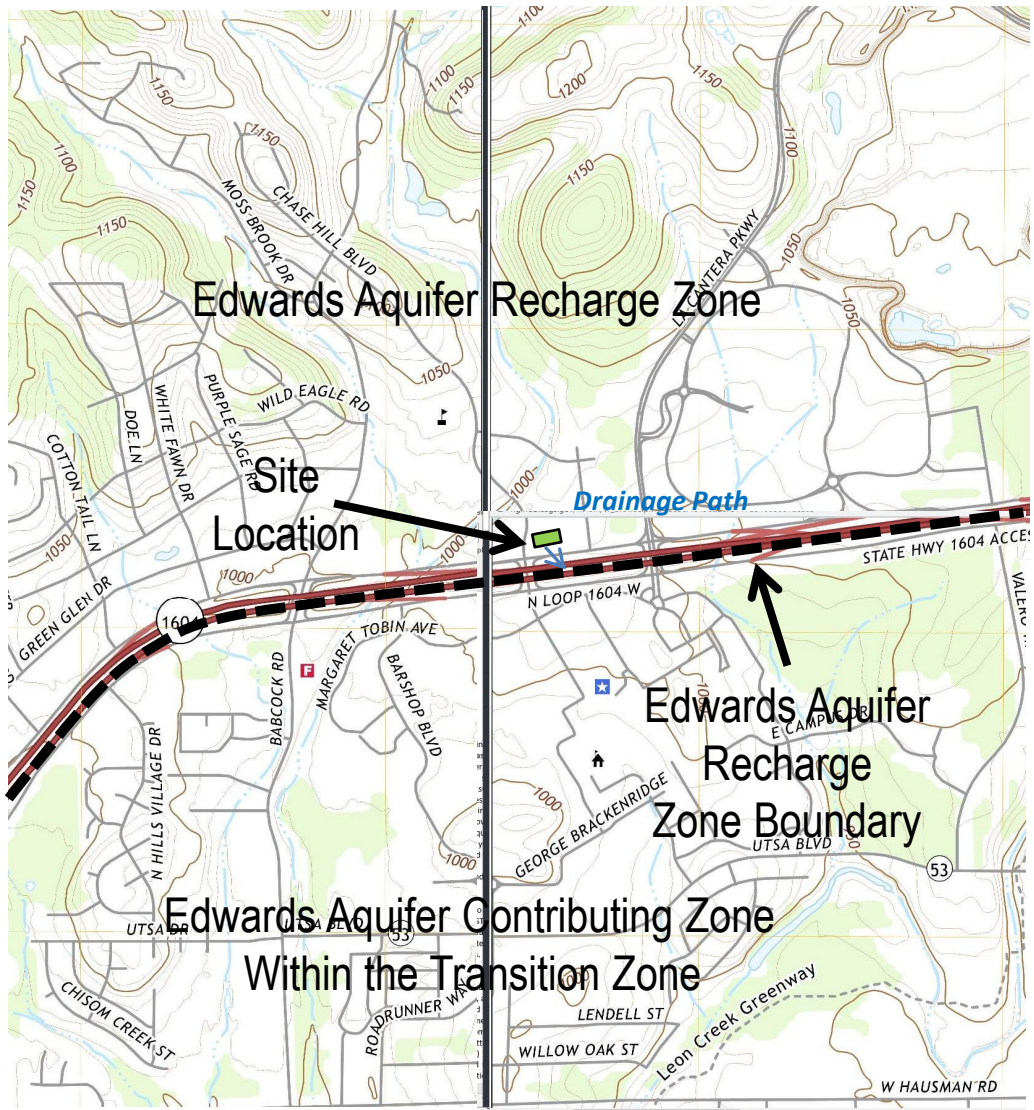


Geo Strata

TCEQ-0587 Attachment A
Road Map
 Fiesta Mini Market
 6835 North Loop 1604 West
 San Antonio, Texas

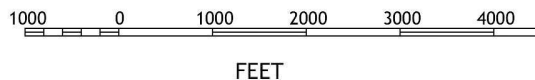


TCEQ-0587 Attachment B
USGS & Edwards Aquifer Recharge Map



Helotes, Texas 7.5 ' Quad

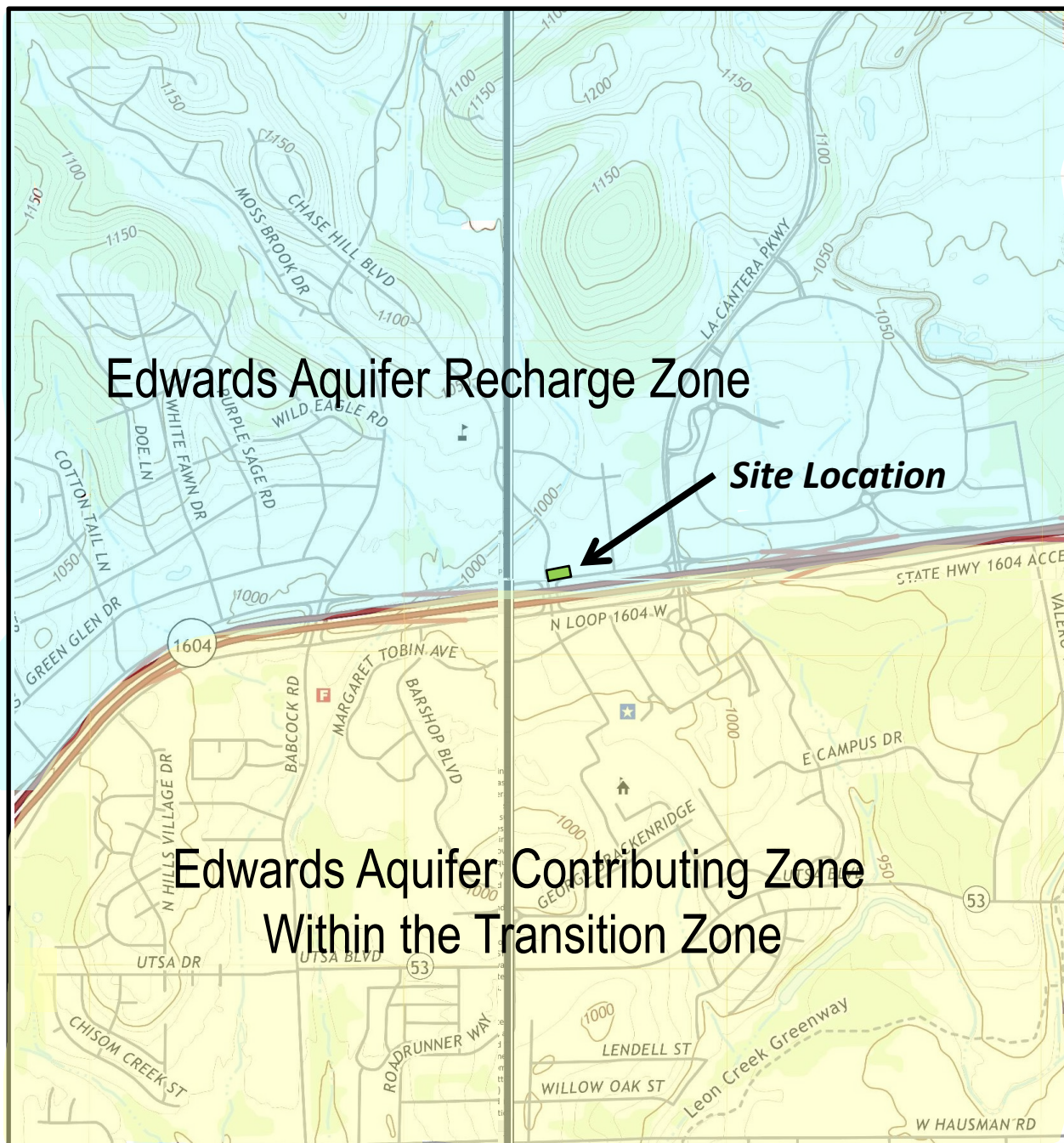
Castle Hills, Texas 7.5 ' Quad



Geo Strata

TCEQ-0587 Attachment B
 USGS & Edwards Aquifer Recharge Map
 Fiesta Mini Market
 6835 North Loop 1604 West
 San Antonio, Texas





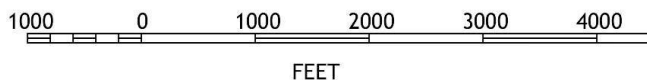
Edwards Aquifer Recharge Zone

Site Location

**Edwards Aquifer Contributing Zone
Within the Transition Zone**

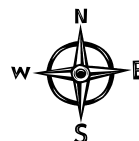
Helotes, Texas 7.5 ' Quad

Castle Hills, Texas 7.5 ' Quad



Geo Strata

TCEQ-0587 Attachment B
USGS & Edwards Aquifer Recharge Map
Fiesta Mini Market
6835 North Loop 1604 West
San Antonio, Texas



TCEQ-0587 Attachment C

Project Description

TCEQ-0587 Attachment C Project Description

Fiesta Mini Market 6835 N. Loop 1604 W. San Antonio, Texas

The Fiesta Mini Market is located at 6835 North Loop 1604 West, San Antonio, Texas located on the northeast corner of North Loop 1604 West and Chase Hill Blvd. The 0.996 acre property currently occupied by a pizza and sandwich shop as well as a convenience store and gas station with two (2) 12,000 gallon gasoline underground storage tanks (USTs). The facility is bordered by a road to the west and south, and restaurants to the north and east. The Site has over 50% impervious cover, with surface drainage grates along the west and south side of parking lot perimeter.

The facility was registered in 1993, and is located within Edwards Aquifer Recharge Zone and is subject to the tertiary containment upgrade requirements per Edwards Aquifer Authority Rules, Chapter 713, Subchapter G (Aboveground and Underground Storage Tanks) §713.607 Requirements and Prohibitions for Underground Storage Tanks. Accordingly, §713.607 requires the owner or operator of a compliant UST located in, on, or above the Recharge Zone of the Edwards Aquifer, to incorporate a method of tertiary containment in accordance with EAA rules within thirty years from the date of UST's installation. The current UST's were installed on August 10, 1993 and therefore require an update by August 10, 2023.

To bring the facility to current requirements, the existing UST system will be removed and replaced with a new UST system compliant to tertiary containment rules. The current UST system includes two double-wall 12,000-gallon tanks and liner, four dispensers, existing fuel lines and liner. The new UST system will consist of two triple-wall, 12,000 gallon tanks, four dispensers and triple-walled fuel lines. Note: Following the removal of the existing system, samples will be collected, analyzed, and documented as per TCEQ Regulatory Guidance.

Site location maps, Edwards Aquifer Zone maps, facility diagrams, UST system and containment schematics, and manufacturers product sheets are attached. Additionally, a description of proposed UST system specifications are also detailed below.

The proposed UST system will consist of two, 12,000 gallon Watco Triple Wall tanks consisting of a steel primary tank, a steel secondary tank, and a fiberglass jacketed third tank. The first UST is a compartmentalized tank with one, 7,000 gallon unleaded gasoline compartment and a 5,000 gallon diesel compartment. The second UST is a compartmentalized tank with one, 8,000 gallon unleaded gasoline compartment and a 4,000 gallon super unleaded compartment. Each compartment will be fitted with Red Jacket 1.5 hp fixed speed submersible pumps. Automatic shut-off valves (OPW-71SO) will provide the tank with overfill prevention. The automatic shut-off valves will be installed in the drop tubes and set to shut-off delivery at 95% of compartment capacities. Spill protection will be provided by double wall spill containment manholes installed on the fill risers.

Product piping will be Ameron Dualloy 3000/LCX UL-Listed nonmetallic filament-wound, fiberglass reinforced pipe with integral liner, with both secondary and tertiary containment fittings. An OPW-10 Series safety shear valve will be installed on each product line at the dispenser island surface level to provide automatic shut-off product flow during emergencies. New Gilbarco Encore 700S dispensers will be installed with OPW nozzles, breakaways, and swivels.

Corrosion protection for the metallic components of the UST system will be provided by electrical isolation. The submersible pump housings and pump-end flexible connectors will be installed within a Bravo B-400x36-38T-DB-MW double wall, watertight fiberglass encapsulated sump with a 36-inch diameter reducer, which will provide isolation from the corrosive elements of the backfill material while also providing secondary containment for any leaks from these components. The dispenser-end flexible connector will be electrically isolated from the corrosive elements of the backfill material by Bravo B-9000-D-AB water-tight containment sumps. The vapor recovery riser, the fill tube insert, and the riser for the automatic tank gauging system will be thoroughly coated with black mastic and wrapped with dielectric tape.

The proposed tanks and piping will be monitored for leaks by means of a Veeder-Root TLS-450 Automated Compliance and Site Management inventory control system, Mag Plus Probe leak detection monitors and a PLLD Pressurized Line Leak Detection System line pressure monitor. The tanks will be equipped with Veeder-Root non-discriminating liquid sensors that will be installed in the interstitial space between the walls of each tank. Each of the product piping systems will be monitored by a non-discriminating liquid sensor, which will be installed adjacent to the submersible pump in the pump sump. Four 4-inch diameter slotted PVC observation wells will be installed in the corners of the tank pit excavation. The tank will also be equipped with an automatic tank-gauging probe (part of the TLS-450), which will automatically inventory the product volume in the tank. Each product piping line will be equipped with a pressurized line leak detection system that is designated to stop product flow in the event a leak in the product line is detected.

All probes and sensors from the tank and piping will be connected to the programmable TLS-450 Automated Compliance and Site Management inventory control system to be located in the store. An audio and visual alarm will be triggered if any liquids, or water is detected. If any liquid sensor is activated, the entire fuel system will be programmed to shut down all submersible pumps and fuel dispensers until station personnel visually check the source of the problem. The station will remain inoperable until the liquid is removed. Events will be recorded along with the diagnosed problem solution, and the date it was fixed. If a release is suspected, a release determination investigation will be conducted, and a report will be submitted to TCEQ.

Appendix B

TECQ-0590

Modification of a Previously Approved Plan

Modification of a Previously Approved Plan

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Transition Zone and Relating to 30 TAC 213.4(j), Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This request for a **Modification of a Previously Approved Plan** is hereby submitted for TCEQ review and executive director approval. The request was prepared by:

Print Name of Customer/Agent: Cheri Krieg, P.G.

Date: May 10, 2023

Signature of Customer/Agent:



Project Information

1. Current Regulated Entity Name: Fiesta Mini Market
Original Regulated Entity Name: Andy's Fiesta Texaco
Regulated Entity Number(s) (RN): RN102243128
Edwards Aquifer Protection Program ID Number(s): 13-93032201
☒ The applicant has not changed and the Customer Number (CN) is: CN606016756
☐ The applicant or Regulated Entity has changed. A new Core Data Form has been provided.
2. ☒ **Attachment A: Original Approval Letter and Approved Modification Letters.** A copy of the original approval letter and copies of any modification approval letters are attached.

3. A modification of a previously approved plan is requested for (check all that apply):
- ☐ Physical or operational modification of any water pollution abatement structure(s) including but not limited to ponds, dams, berms, sewage treatment plants, and diversionary structures;
 - ☐ Change in the nature or character of the regulated activity from that which was originally approved or a change which would significantly impact the ability of the plan to prevent pollution of the Edwards Aquifer;
 - ☐ Development of land previously identified as undeveloped in the original water pollution abatement plan;
 - ☐ Physical modification of the approved organized sewage collection system;
 - ☒ Physical modification of the approved underground storage tank system;
 - ☐ Physical modification of the approved aboveground storage tank system.
4. ☒ Summary of Proposed Modifications (select plan type being modified). If the approved plan has been modified more than once, copy the appropriate table below, as necessary, and complete the information for each additional modification.

<i>WPAP Modification</i>	<i>Approved Project</i>	<i>Proposed Modification</i>
<i>Summary</i>		
Acres	_____	_____
Type of Development	_____	_____
Number of Residential	_____	_____
Lots		
Impervious Cover (acres)	_____	_____
Impervious Cover (%)	_____	_____
Permanent BMPs	_____	_____
Other	_____	_____
 <i>SCS Modification</i>	 <i>Approved Project</i>	 <i>Proposed Modification</i>
<i>Summary</i>		
Linear Feet	_____	_____
Pipe Diameter	_____	_____
Other	_____	_____

<i>AST Modification</i>	<i>Approved Project</i>	<i>Proposed Modification</i>
<i>Summary</i>		
Number of ASTs	_____	_____
Volume of ASTs	_____	_____
Other	_____	_____

<i>UST Modification</i>	<i>Approved Project</i>	<i>Proposed Modification</i>
<i>Summary</i>		
Number of USTs	<u>2 Double-Wall</u>	<u>2 Triple-Wall</u>
Volume of USTs	<u>12000</u>	<u>12000</u>
Other	_____	_____

5. ☒ **Attachment B: Narrative of Proposed Modification.** A detailed narrative description of the nature of the proposed modification is attached. It discusses what was approved, including any previous modifications, and how this proposed modification will change the approved plan.
6. ☒ **Attachment C: Current Site Plan of the Approved Project.** A current site plan showing the existing site development (i.e., current site layout) at the time this application for modification is attached. A site plan detailing the changes proposed in the submitted modification is required elsewhere.
- ☐ The approved construction has not commenced. The original approval letter and any subsequent modification approval letters are included as Attachment A to document that the approval has not expired.
- ☒ The approved construction has commenced and has been completed. Attachment C illustrates that the site was constructed as approved.
- ☐ The approved construction has commenced and has been completed. Attachment C illustrates that the site was **not** constructed as approved.
- ☐ The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was constructed as approved.
- ☐ The approved construction has commenced and has **not** been completed. Attachment C illustrates that, thus far, the site was **not** constructed as approved.
7. ☐ The acreage of the approved plan has increased. A Geologic Assessment has been provided for the new acreage.
- ☒ Acreage has not been added to or removed from the approved plan.
8. ☒ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.

TCEQ-0590 Attachment A

Original Approval Letter

John Hall, Chairman
Pam Reed, Commissioner
Peggy Garner, Commissioner



TEXAS WATER COMMISSION

PROTECTING TEXANS' HEALTH AND SAFETY BY PREVENTING AND REDUCING POLLUTION

April 20, 1993

Mr. Rudy Rosas
5555 Fredericksburg Road, #201
San Antonio, Texas 78229

Re: Edwards Aquifer, Bexar County.

PROJECT NAME: Andy's Convenience Store II, Located on
Northeast Corner of Chase Hill Blvd. & Loop
1604, San Antonio, Texas.

PLAN TYPE: Request for Approval of Underground Storage
Tank (UST) Facility Construction Plans and
Specifications; 31 Texas Administrative Code
(TAC) §313.10; Edwards Aquifer Protection
Program.

Dear Mr. Rosas:

The Texas Water Commission (TWC) has completed its review of the plans and specifications for the referenced project that were submitted by Brown Engineering on your behalf and received by the District 8 Office on December 9, 1992. Final review of the UST submittal was completed after additional material was received on March 4, 1993 and March 30, 1993.

The proposed UST facility is located on the northeast corner of Chase Hill Blvd. & Loop 1604, San Antonio, Texas, Bexar County, Texas.

A site inspection was conducted by a District 8 field investigator on December 10, 1992. The field investigator confirmed the karst features noted in the Geologic Assessment, and observed fractured rock outcropping on the northeast corner of the project site in the vicinity of the proposed location of the tankpit. Of note was a 2' by 3' solution shaft opening located approximately 70 feet to the north of the project's property line.

PROJECT DESCRIPTION

The proposed new underground static hydrocarbon storage system will consist of two (2) new 12,000 gallon double-wall steel tanks with fiberglass coating (manufactured by Watco) to be used for the storage of gasoline.

Overfill prevention for each tank will be provided by an automatic shut off valve which will be installed in the tank below the fill tube and must be set to shut off flow into the tank when the volume

REPLY TO: DISTRICT 8 / 140 HEIMER RD., SUITE 360 / SAN ANTONIO, TEXAS 78232-5042 / AREA CODE 512/490-3096

Mr. Rudy Rosas
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of liquid in the tank reaches no more than 95% of the tank capacity. Spill protection for each tank will be provided by a spill containment manhole which will be fitted on the fill tube of each tank.

Each pump will be fitted with a pressurized leak detector designed to detect a leak in the product piping between the detector and the dispenser.

Product lines will be U.L. listed and of double-wall construction. They will consist of a 2-inch diameter primary pipe within a 3-inch diameter secondary containment pipe. Vent lines will be U.L. listed and be 2-inch diameter single-wall pipe. A safety shear valve will be installed on each product line at the dispenser island surface level to assure automatic shut-off of product flow during emergencies. In addition, stainless steel braid flexible connectors will be installed at both ends of each product line to connect to the dispenser unit and the submersible pump.

Corrosion protection for the metallic components of the underground storage systems will be provided by a combination of electrical isolation and cathodic protection. The submersible pump housings and pump-end flexible connectors will be installed within a liquid-tight fiberglass-reinforced plastic piping sump which will provide isolation from the corrosive elements of the backfill material while also providing secondary containment for any leaks from these components. The dispenser-end flexible connector will be rated for aboveground use and be isolated by enclosure within a fiberglass-reinforced plastic sump. The dispenser-end flexible connector, vapor recovery riser, the fill tube riser, and the riser for the automatic tank gauging system will be thoroughly wrapped with a suitable dielectric material.

The proposed tanks and piping will be monitored for leaks by means of a Red Jacket PPM 3000 model multi-channel inventory, leak detection monitor. Each tank will be equipped with a vapor sensor which will be installed in the interstitial space between the walls of the double-wall tanks. Each of the product piping systems will be monitored by a liquid discrimination sensor which will be installed adjacent to the submersible pump in the piping sump shown on the plans. Four (4) 4-inch diameter slotted PVC observation wells will be installed in the corners of the tank pit excavation and be equipped with a 2" float (Model No. 400-049-5) to provide a means of monitoring the backfilled tank pit area.

The probes and sensors from all tanks, piping, and observation wells will be connected to a programmable control unit to be located in the store building. This central monitoring unit is designed to provide visual and audible alarms when hydrocarbon liquids, hydrocarbon vapors, or water is detected.

APPROVAL

The planning materials for the proposed underground static hydrocarbon storage facility have been reviewed by the Commission's staff and have been found to be in general agreement with the requirements of 31 TAC §334, Underground Storage Tanks, and 31 TAC §313.10, which establishes the criteria for static hydrocarbon and hazardous substance storage facilities located in the Edwards Aquifer Recharge Zone. Therefore, the planning materials for construction of the proposed facilities are hereby approved, subject to the following conditions.

Failure to comply with any of the following conditions or any other specific conditions of approval is a violation of these rules. Pursuant to Section 26.136 of the Texas Water Code, violations of these rules may result in administrative penalties of up to \$10,000 for each act of violation and for each day of violation.

Special Conditions

1. Because of the proximity of the above mentioned solution shaft and other karst features in the immediate vicinity, evaluate the tankpit area for subsurface solution cavities by appropriate geophysical methods prior to tankpit excavation.
2. Prior to placement of any bedding, tanks or backfill into the tankpit the owner shall contact the TWC District 8 Edwards Aquifer Program Coordinator to inspect the tankpit.
3. Upon completion of the proposed installation "as-built" plans as required by Item #10 below shall be provided to the District 8 Edwards Aquifer Program Coordinator.
4. Upon completion of the proposed installation, the applicant shall provide a written statement to the District 8 Edwards Aquifer Program Coordinator certifying that the UST system has been installed as approved by this letter and meet or exceed the requirements of 31 TAC §334, Subchapter C, and 31 TAC §313.10.

Standard Conditions

1. For projects on the recharge zone all temporary erosion and sedimentation (E&S) controls shall be installed prior to all

Mr. Rudy Rosas
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other construction at the site. (1) **Silt fences** should be used when the drainage area is less than 2 acres and the slope is less than 10%. (2) **Rock berms with filtration** should be used when the drainage areas are greater than two acres or when the slopes are in excess of 10%. The bottom edge of the filter fabric must be buried a minimum of 6 inches below grade.

2. The TWC may monitor stormwater discharges from the site to evaluate the adequacy of the temporary erosion and sedimentation control measures. Additional protection may be necessary if excessive solids are being discharged from the site.
3. **A copy of any local construction permit should be submitted to District 8 within 30 days of the issuance of this approval.**
4. Prior to commencing construction, the applicant shall submit any modifications to this approved UST facility required by some other regulating authority or desired by the applicant. To amend this approval copies of any changes to the plans and specifications shall be submitted to this office and all other permitting authorities. As indicated in 31 TAC §313.4 and 31 TAC §313.27, an application to amend any approved regulated activity shall include payment of appropriate fees and all information necessary for its review and Executive Director approval.
5. All contractors conducting regulated activities associated with this proposed regulated development shall be provided with copies of this approval letter and the entire contents of the submitted UST Plans & Specifications so as to convey to the contractors the specific conditions of approval. During the course of regulated activities, the contractors shall be required to keep on-site copies of the UST Plans and this approval letter.
6. **Pursuant to 31 TAC §313.4(d)(1), prior to commencing construction, the applicant must notify the District 8 Office at least 48 hours prior to initiation of construction.**
7. If any solution openings or sinkholes are discovered during the construction of the tank excavation, all excavation and installation activities shall be immediately suspended, and the owner or his designated representative shall notify the Commission's District 8 Office. Upon completion of the excavation, a qualified geologist shall inspect the pit. Further excavation and installation activities shall not proceed until the Commission has reviewed and approved the methods proposed to protect such features from any potential

adverse impacts of the hydrocarbon storage facility.

8. All UST installations, repairs, and removals must be conducted by a registered UST contractor who has a licensed installer or on-site supervisor at the site during all critical junctures, as required by 31 TAC §334 Subchapter I.
9. Installation, testing, and operation of the tanks, piping, and all other components of the proposed storage and monitoring systems shall be in conformance with the manufacturer's specifications and the procedures described in this letter.
10. An "as-built" project-specific site design plan shall be drawn to scale and of sufficient accuracy, clarity, and detail to depict the specific locations and dimensions of all components of the underground storage tank system, including the tanks, piping and fittings, pumps, observation wells, containment equipment, release detection devices, and other auxiliary equipment. Also, detailed construction drawings of plan and profile views and detail drawings of specific components shall be prepared. A copy of such "as-built" site plan and construction drawings, as well as operating instructions for all major system components and written records of all tank tests, piping tests, release detection monitoring results, and other inspections, shall be maintained in a secure location at the site of the proposed facility and shall be available for examination by Commission personnel.
11. The owner of the proposed facility shall assure that the storage tank system is installed, operated, and maintained in full compliance with the applicable provisions of 31 TAC §334 of Commission rules, which establishes the requirements for the design, installation, operation, construction notification, registration, fee assessment, financial responsibility, release reporting, and corrective action related to such system.
12. All underground metallic components of the proposed system which are not electrically isolated from the backfill material (including any vent line fittings and connectors, risers for monitoring equipment and fill tubes, containment manholes, etc.) must be properly protected from corrosion in accordance with 31 TAC §334.49 of Commission rules.
13. The flexible connectors at the dispenser-end of the product piping lines, which are enclosed within secondary containment sleeves and which cannot be visibly inspected for evidence of corrosion, shall be periodically tested by a qualified corrosion technician or specialist to ensure that the metal components of such connectors remain electrically isolated

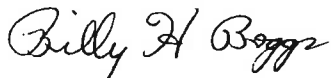
Mr. Rudy Rosas
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from the surrounding backfill, groundwater, and other metal components. Such tests shall be conducted within three to six months after installation and at least once every three years thereafter, in full conformance with the requirements in 31 TAC §334.49(d)(1) of Commission rules.

14. All piping must slope at least one-eighth inch per foot in the direction of the tank [as required by 31 TAC §334.46(c)(1)].
15. When applicable, field-installed cathodic protection systems shall be designed by a qualified corrosion specialist [as required by 31 TAC §334.49(c)(2)]. Additionally, all factory-installed and field-installed cathodic protection systems shall be properly tested for operability and adequacy of protection by a qualified corrosion technician or corrosion specialist after the UST system installation is completed but prior to placing the system into operation [as required by 31 TAC §334.46(d)(4)(c)].
16. The facility owner should be aware of the proposed federal EPA regulations for benzene emissions (40 CFR Part 61). The proposed regulations will require the addition of Stage I vapor recovery equipment by 1991 or 1992 (depending on volume of throughput) for all service stations with an annual throughput greater than 120,000 gallons. The owner should consider the feasibility of installing the Stage I vapor recovery equipment as part of this installation project to preclude the need for additional construction in the future.

If you have any questions contact Mr. John Mauser of the Commission's District 8 (San Antonio) Office at 210/490-3096.

Sincerely,



Billy H. Boggs,
District Manager, for

Jesús Garza,
Executive Director

BHB-JKM/jkm

cc: Brown Engineering
Rebecca Cedillo, San Antonio Water System
Ron Pena, P.E., Environmental Engineer, Bexar County Public
Works Department
Russell L. Masters, Edwards Underground Water District
Alan Martinets, PST Technical Services, TWC

Mr. Rudy Rosas

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John Mauser, District 8 Office, TWC

Steve Musick, Ground Water, TWC

Hank Smith, Edwards Aquifer Program Coordinator, TWC

TWC - Central Records (with attachment)

TCEQ-0590 Attachment B

Narrative of Proposed Modification

TCEQ-0590 Attachment B Narrative of Proposed Modification

**Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas**

The Fiesta Mini Market is located at 6835 North Loop 1604 West, San Antonio, Texas located on the northeast corner of North Loop 1604 West and Chase Hill Blvd. The 0.996 acre property currently occupied by a pizza and sandwich shop as well as a convenience store and gas station with two (2) 12,000 gallon gasoline underground storage tanks (USTs). The facility is bordered by a road to the west and south, and restaurants to the north and east. The Site has over 50% impervious cover, with surface drainage grates along the west and south side of parking lot perimeter.

The facility was registered in 1993, and is located within Edwards Aquifer Recharge Zone and is subject to the tertiary containment upgrade requirements per Edwards Aquifer Authority Rules, Chapter 713, Subchapter G (Aboveground and Underground Storage Tanks) §713.607 Requirements and Prohibitions for Underground Storage Tanks. Accordingly, §713.607 requires the owner or operator of a compliant UST located in, on, or above the Recharge Zone of the Edwards Aquifer, to incorporate a method of tertiary containment in accordance with EAA rules within thirty years from the date of UST's installation. The current UST's were installed on August 10, 1993 and therefore require an update by August 10, 2023.

To bring the facility to current requirements, the existing UST system will be removed and replaced with a new UST system compliant to tertiary containment rules. The current UST system includes two double-wall 12,000-gallon tanks and liner, four dispensers, existing fuel lines and liner. The new UST system will consist of two triple-wall, 12,000 gallon tanks, four dispensers and triple-walled fuel lines. Note: Following the removal of the existing system, samples will be collected, analyzed, and documented as per TCEQ Regulatory Guidance.

Site location maps, Edwards Aquifer Zone maps, facility diagrams, UST system and containment schematics, and manufacturers product sheets are attached. Additionally, a description of proposed UST system specifications are also detailed below.

The proposed UST system will consist of two, 12,000 gallon Watco Triple Wall tanks consisting of a steel primary tank, a steel secondary tank, and a fiberglass jacketed third tank. The first UST is a compartmentalized tank with one, 7,000 gallon unleaded gasoline compartment and a 5,000 gallon diesel compartment. The second UST is a compartmentalized tank with one, 8,000 gallon unleaded gasoline compartment and a 4,000 gallon super unleaded compartment. Each compartment will be fitted with Red Jacket 1.5 hp fixed speed submersible pumps. Automatic shut-off valves (OPW-71SO) will provide the tank with overfill prevention. The automatic shut-off valves will be installed in the drop tubes and set to shut-off delivery at 95% of compartment capacities. Spill protection will be provided by double wall spill containment manholes installed on the fill risers.

Product piping will be Ameron Dualloy 3000/LCX UL-Listed nonmetallic filament-wound, fiberglass reinforced pipe with integral liner, with both secondary and tertiary containment fittings. An OPW-10 Series safety shear valve will be installed on each product line at the dispenser island surface level to provide automatic shut-off product flow during emergencies. New Gilbarco Encore 700S dispensers will be installed with OPW nozzles, breakaways, and swivels.

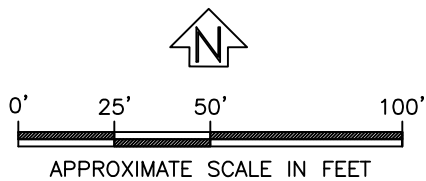
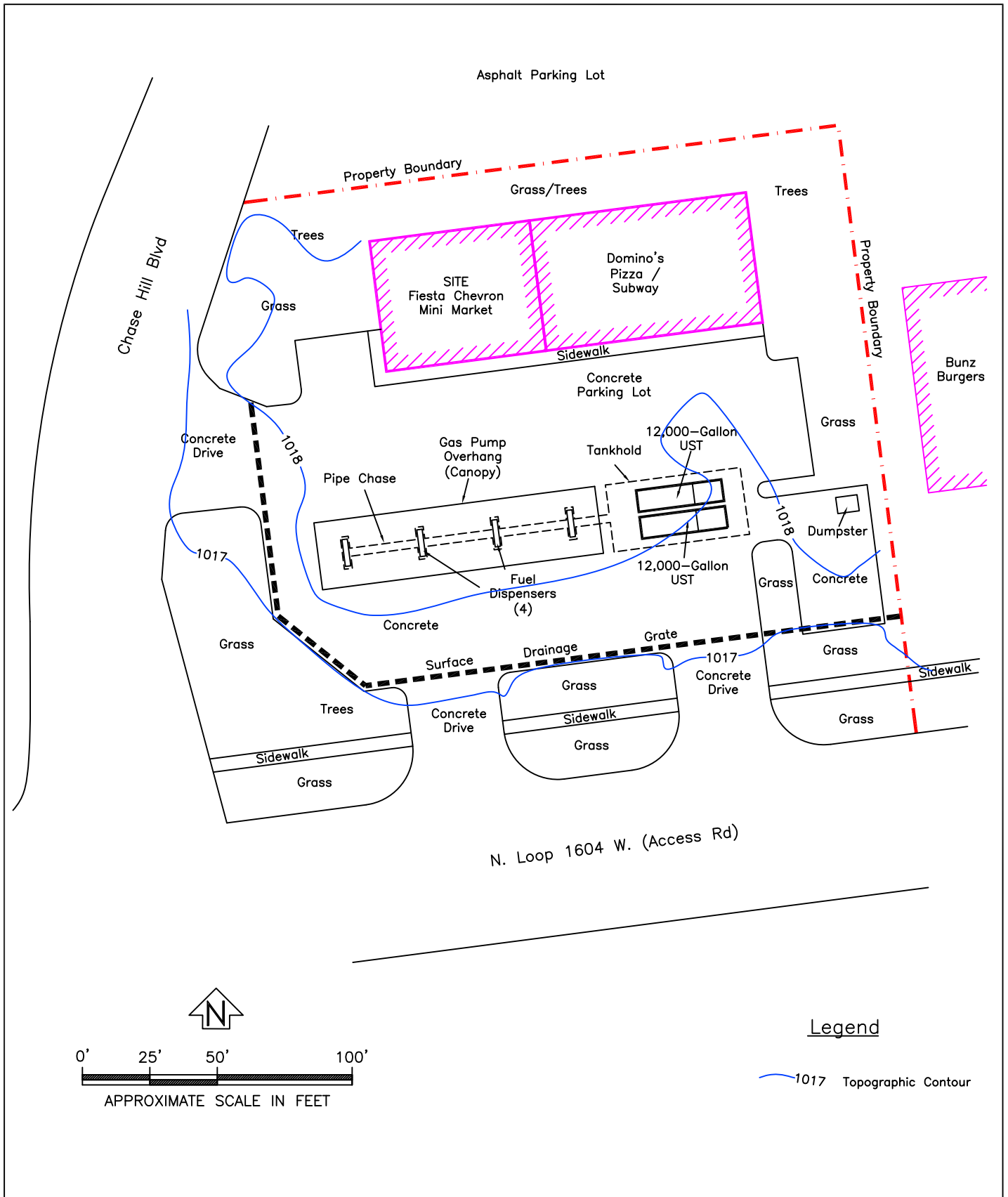
Corrosion protection for the metallic components of the UST system will be provided by electrical isolation. The submersible pump housings and pump-end flexible connectors will be installed within a Bravo B-400x36-38T-DB-MW double wall, watertight fiberglass encapsulated sump with a 36-inch diameter reducer, which will provide isolation from the corrosive elements of the backfill material while also providing secondary containment for any leaks from these components. The dispenser-end flexible connector will be electrically isolated from the corrosive elements of the backfill material by Bravo B-9000-D-AB water-tight containment sumps. The vapor recovery riser, the fill tube insert, and the riser for the automatic tank gauging system will be thoroughly coated with black mastic and wrapped with dielectric tape.

The proposed tanks and piping will be monitored for leaks by means of a Veeder-Root TLS-450 Automated Compliance and Site Management inventory control system, Mag Plus Probe leak detection monitors and a PLLD Pressurized Line Leak Detection System line pressure monitor. The tanks will be equipped with Veeder-Root non-discriminating liquid sensors that will be installed in the interstitial space between the walls of each tank. Each of the product piping systems will be monitored by a non-discriminating liquid sensor, which will be installed adjacent to the submersible pump in the pump sump. Four 4-inch diameter slotted PVC observation wells will be installed in the corners of the tank pit excavation. The tank will also be equipped with an automatic tank-gauging probe (part of the TLS-450), which will automatically inventory the product volume in the tank. Each product piping line will be equipped with a pressurized line leak detection system that is designated to stop product flow in the event a leak in the product line is detected.

All probes and sensors from the tank and piping will be connected to the programmable TLS-450 Automated Compliance and Site Management inventory control system to be located in the store. An audio and visual alarm will be triggered if any liquids, or water is detected. If any liquid sensor is activated, the entire fuel system will be programmed to shut down all submersible pumps and fuel dispensers until station personnel visually check the source of the problem. The station will remain inoperable until the liquid is removed. Events will be recorded along with the diagnosed problem solution, and the date it was fixed. If a release is suspected, a release determination investigation will be conducted, and a report will be submitted to TCEQ.

TCEQ-0590 Attachment C

Current Site Plan of the Approved Project



Legend

1017 Topographic Contour

04/18/23	Current Site Plan	1023-SA-Other
GEO STRATA	Fiesta Mini Market	
	6835 N. Loop 1604 W., San Antonio, TX.	

Appendix C

TECQ-0583

Underground Storage Tank (UST) Facility Plan

Underground Storage Tank Facility Plan Application

Texas Commission on Environmental Quality

for Storage on the Edwards Aquifer Recharge and Transition Zones and Relating to 30 TAC §213.5(d), Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

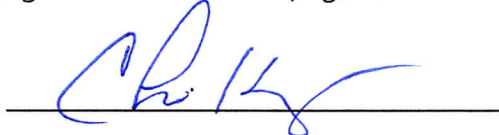
Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. All components used for this facility are U.L. listed or certified by a 3rd party and are compatible and will function pursuant to 30 TAC §213.5(d) and 30 TAC Chapter 334 Subchapter C. This **Underground Storage Tank Facility Plan Application** is hereby submitted for TCEQ review and Executive Director approval. The application was prepared by:

Print Name of Customer/Agent: Cheri Krieg, PG

Date: May 10, 2023

Signature of Customer/Agent:



Regulated Entity Name: Fiesta Mini Market, 6835 N. Loop 1604 W., San Antonio, TX

Underground Storage Tank (UST) System Information

- ☒ **Attachment A – Detailed Narrative of UST Facility.** A detailed narrative description of the proposed UST Facility is attached. Note: Example descriptions are provided in the instructions (TCEQ-0583-Instructions)
- Tanks and substance to be stored:

Table 1 - Tanks and Substances Stored

<i>UST Number</i>	<i>Size(Gallons)</i>	<i>Substance to be Stored</i>	<i>Double-wall Tank Material</i>
1	Compartmented 1a) 7000 1b) 5000	1a) regular unleaded gasoline 1b) diesel	Steel primary tank, steel secondary tank, fiberglass jacketed tertiary tank
2	Compartmented 1a) 8000 1b) 4000	1a) regular unleaded gasoline 1b) super unleaded gasoline	Steel primary tank, steel secondary tank, fiberglass jacketed tertiary tank
3			
4			
5			

3. Tanks:

- ☒ **Attachment B – Manufacturer Information for Tanks.** New or replacement systems for the underground storage of static hydrocarbons or hazardous substances must be double-walled or provide an equivalent method of protection approved by the executive director. Tanks must comply with technical standards as required by 30 TAC 334.45(b) relating to technical standards for new tanks. Manufacturer information is attached.
- ☒ **Attachment C – Alternative Design and Protection Method for Tanks.** Information required by 30 TAC 334.43, relating to variances and alternative procedures is attached.

4. Piping:

- ☒ **Attachment D – Manufacturer Information for Piping.** Piping must comply with technical standards as required by 30 TAC 334.45(c) relating to technical standards for new piping. Manufacturer information is attached.
- ☒ **Attachment E – Alternative Design and Protection Method for Piping.** Information required by 30 TAC 334.43, relating to variances and alternative procedures is attached.

5. ☒ Any new underground storage tank system that does not incorporate a method for tertiary containment shall be located a minimum horizontal distance of 150 feet from any domestic, industrial, irrigation, or public water supply well, or other sensitive feature as required by 30 TAC §213.5(d)(1)(B).

☐ The UST system(s) will not be installed within 150 feet of a domestic, industrial, irrigation, or public water supply well, or other sensitive feature.

- ☒ **Attachment F - Tertiary Containment Method.** The UST system(s) will be required to have tertiary containment provided. A description of the method proposed to provide tertiary containment is attached.

6. ☒ Corrosion protection equipment to be installed or type of non-corrodible materials:

Table 2 - Corrosion Protection

Equipment	Corrosion Protection (Method)
Tanks	Double- wall steel tank with fiberglass jacketed tertiary tank
Product Delivery Piping	Double wall fiberglass with tertiary containment
Vapor Recovery Piping	NA
Submersible Pumps	Fiberglass isolation enclosure
Flex Connector (dispenser end)	Fiberglass isolation enclosure
Flex Connector (pump end)	Fiberglass isolation enclosure
Riser	Tarred and taped

7. ☒ Overfill protection equipment to be installed:
- ☐ Overfill prevention restrictor positioned at 90% capacity.
 - ☒ Overfill prevention valve positioned at 95% capacity.
 - ☐ Overfill audible and visual alarm positioned at 90% capacity.
8. ☒ Methods for detecting leaks in the inside wall of a double-walled system must be included in the facility's design and construction. The leak detection system must provide continuous monitoring of the system and must be capable of immediately alerting the system's owner of possible leakages. Release detection equipment to be installed: (Check all that apply)
- ☒ Central on-site monitor
 - ☒ Interstitial tank probes
 - ☒ Automatic tank gauge
 - ☒ Pump/manway sump probes
 - ☒ Observation well probes
 - ☐ Mechanical line leak detectors (for pressurized lines only)
 - ☒ Automatic (electronic) line leak detectors

Excavation and Backfill

9. ☒ The depth of the tank excavation will be sufficient to accommodate piping fall requirements, tank diameter, bedding, and a minimum cover of three (3) feet [30 TAC §334.46].

The depth of the tank excavation will be 14 feet.

10. ☒ The minimum thickness of the tank bedding will conform to 30 TAC §334.46(a)(5)(C and D).

The tank bedding thickness will be 14 inches.

11. ☒ The material to be used as backfill will conform to 30 TAC §334.46(a)(5)(A and B) and will consist of:

- ☐ Clean washed non-corrosive sand
☐ Pea gravel
☒ Crushed rock
☐ Other: _____

12. ☒ The slope of the product delivery line(s) will conform to 30 TAC §334.46(c)(2) and will be 1/8" (1/8" per foot minimum).

Site Plan Requirements

Items 13 - 24 must be included on the Site Plan.

13. ☒ The Site Plan must have a minimum scale of 1" = 400'.

Site Plan Scale: 1" = 50.

14. 100-year floodplain boundaries:

- ☒ The 100-year floodplain boundaries are based on the following specific (including date of material) sources(s): FEMA RiskMAP Online Viewer 3/16/2023

- ☐ Some part(s) of the project site is located within the 100-year floodplain. The floodplain is shown and labeled.

- ☒ No part of the project site is located within the 100-year floodplain.

15. ☐ The layout of the development is shown with existing and finished contours at appropriate, but not greater than ten-foot contour intervals. Show lots, recreation centers, buildings, roads, etc.

- ☒ The layout of the development is shown with existing contours. Finished topographic contours will not differ from the existing topographic configuration and are not shown.

16. All known wells (oil, water, unplugged, capped and/or abandoned, test holes, etc.):

- ☐ There are _____ (#) wells present on the project site and the locations are shown and labeled. (Check all of the following that apply)

- ☐ The wells are not in use and have been properly abandoned.

- ☐ The wells are not in use and will be properly abandoned.

- ☐ The wells are in use and comply with 16 TAC §76.

- ☒ There are no wells or test holes of any kind known to exist on the project site.

17. Geologic or manmade features which are on the site:

- ☐ All sensitive geologic or manmade features identified in the Geologic Assessment are shown and labeled.

- ☐ No sensitive geologic or manmade features were identified in the Geologic Assessment.
- ☒ **Attachment G - Exception to the Geologic Assessment.** A request and justification for an exception to a portion of the Geologic Assessment is attached.
18. ☒ The drainage patterns and approximate slopes anticipated after major grading activities.
19. ☒ Areas of soil disturbance and areas which will not be disturbed.
20. ☒ Locations of major structural and nonstructural controls. These are the temporary best management practices.
21. ☒ Locations where soil stabilization practices are expected to occur.
22. ☐ Surface waters (including wetlands).
- ☒ N/A
23. ☐ Locations where stormwater discharges to surface water or sensitive features.
- ☒ There will be no discharges to surface water or sensitive features.
24. ☒ Legal boundaries of the site are shown.

UST System Profiles

25. ☒ **Attachment H - Profile Drawing(s).** A profile drawing(s) of the proposed UST system with all components shown and labeled is attached.

Best Management Practices

26. ☒ **Attachment I - Initial and Continuing Training.** A description of the initial and continuing training of on-site personnel for operation of release detection equipment is attached. The description should include how personnel will respond to warning and alarm conditions of the leak detection monitoring system.
27. ☒ **Attachment J - Release Detection Maintenance.** A description of the program and schedule for maintaining release detection and cathodic protection equipment is attached. Any such equipment should be operated and maintained in accordance with the manufacturer's specifications and instructions.

Administrative Information

28. A Water Pollution Abatement Plan (WPAP) is required for construction of any associated commercial, industrial or residential project located on the Recharge Zone.
- ☐ The WPAP application for this project was approved by letter dated _____. A copy of the approval letter is attached at the end of this application.
- ☐ The WPAP application for this project was submitted to the TCEQ on _____, but has not been approved.
- ☐ A WPAP application is required for an associated project, but it has not been submitted.

- ☒ There will be no building or structure associated with this project. In the event a building or structure is needed in the future, the required WPAP will be submitted to the TCEQ.
- ☐ The proposed UST is located on the **Transition Zone** and a WPAP is not required. Information requested in 30 TAC 213.5 subsection (b)(4)(B) and (C) and (5) is provided with this application. (Forms TCEQ-0600 Permanent Stormwater Section and TCEQ-0602 Temporary Stormwater Section or Stormwater Pollution Prevention Plan/SW3P).
29. ☒ UST systems must be installed by a person possessing a valid certificate of registration in accordance with the requirements of 30 TAC Chapter 334 Subchapter I.
30. ☒ This facility is subject to and must meet the requirements of 30 TAC Chapter 334, including but not limited to the 30 day construction notification and reporting and cleanup of surface spills and overfills.
31. ☒ Upon completion of the tankhold excavation, a geologist must certify that the excavation was inspected for the presence of sensitive features. The certification must be submitted to the appropriate regional office. If sensitive features are found, then excavation near the feature may not proceed until the methods to protect the Edwards Aquifer are reviewed and approved by the executive director.
32. ☐ Submit one (1) original and one (1) copy of the application, plus additional copies as needed for each affected incorporated city, groundwater conservation district, and county in which the project will be located. The TCEQ will distribute the additional copies to these jurisdictions. The copies must be submitted to the appropriate regional office.
33. ☒ Any modification of this UST application will require TCEQ approval, prior to construction, and may require submission of a revised application, with appropriate fees.

TCEQ-0583 Attachment A

Narrative of UST Facility

TCEQ-0583 Attachment A Narrative of UST Facility

**Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas**

The Fiesta Mini Market is located at 6835 North Loop 1604 West, San Antonio, Texas located on the northeast corner of North Loop 1604 West and Chase Hill Blvd. The 0.996 acre property currently occupied by a pizza and sandwich shop as well as a convenience store and gas station with two (2) 12,000 gallon gasoline underground storage tanks (USTs). The facility is bordered by a road to the west and south, and restaurants to the north and east. The Site has over 50% impervious cover, with surface drainage grates along the west and south side of parking lot perimeter.

The facility was registered in 1993, and is located within Edwards Aquifer Recharge Zone and is subject to the tertiary containment upgrade requirements per Edwards Aquifer Authority Rules, Chapter 713, Subchapter G (Aboveground and Underground Storage Tanks) §713.607 Requirements and Prohibitions for Underground Storage Tanks. Accordingly, §713.607 requires the owner or operator of a compliant UST located in, on, or above the Recharge Zone of the Edwards Aquifer, to incorporate a method of tertiary containment in accordance with EAA rules within thirty years from the date of UST's installation. The current UST's were installed on August 10, 1993 and therefore require an update by August 10, 2023.

To bring the facility to current requirements, the existing UST system will be removed and replaced with a new UST system compliant to tertiary containment rules. The current UST system includes two double-wall 12,000-gallon tanks and liner, four dispensers, existing fuel lines and liner. The new UST system will consist of two triple-wall, 12,000 gallon tanks, four dispensers and triple-walled fuel lines. Note: Following the removal of the existing system, samples will be collected, analyzed, and documented as per TCEQ Regulatory Guidance.

Site location maps, Edwards Aquifer Zone maps, facility diagrams, UST system and containment schematics, and manufacturers product sheets are attached. Additionally, a description of proposed UST system specifications are also detailed below.

The proposed UST system will consist of two, 12,000 gallon Watco Triple Wall tanks consisting of a steel primary tank, a steel secondary tank, and a fiberglass jacketed third tank. The first UST is a compartmentalized tank with one, 7,000 gallon unleaded gasoline compartment and a 5,000 gallon diesel compartment. The second UST is a compartmentalized tank with one, 8,000 gallon unleaded gasoline compartment and a 4,000 gallon super unleaded compartment. Each compartment will be fitted with Red Jacket 1.5 hp fixed speed submersible pumps. Automatic shut-off valves (OPW-71SO) will provide the tank with overfill prevention. The automatic shut-off valves will be installed in the drop tubes and set to shut-off delivery at 95% of compartment capacities. Spill protection will be provided by double wall spill containment manholes installed on the fill risers.

Product piping will be Ameron Dualloy 3000/LCX UL-Listed nonmetallic filament-wound, fiberglass reinforced pipe with integral liner, with both secondary and tertiary containment fittings. An OPW-10 Series safety shear valve will be installed on each product line at the dispenser island surface level to provide automatic shut-off product flow during emergencies. New Gilbarco Encore 700S dispensers will be installed with OPW nozzles, breakaways, and swivels.

Corrosion protection for the metallic components of the UST system will be provided by electrical isolation. The submersible pump housings and pump-end flexible connectors will be installed within a Bravo B-400x36-38T-DB-MW double wall, watertight fiberglass encapsulated sump with a 36-inch diameter reducer, which will provide isolation from the corrosive elements of the backfill material while also providing secondary containment for any leaks from these components. The dispenser-end flexible connector will be electrically isolated from the corrosive elements of the backfill material by Bravo B-9000-D-AB water-tight containment sumps. The vapor recovery riser, the fill tube insert, and the riser for the automatic tank gauging system will be thoroughly coated with black mastic and wrapped with dielectric tape.

The proposed tanks and piping will be monitored for leaks by means of a Veeder-Root TLS-450 Automated Compliance and Site Management inventory control system, Mag Plus Probe leak detection monitors and a PLLD Pressurized Line Leak Detection System line pressure monitor. The tanks will be equipped with Veeder-Root non-discriminating liquid sensors that will be installed in the interstitial space between the walls of each tank. Each of the product piping systems will be monitored by a non-discriminating liquid sensor, which will be installed adjacent to the submersible pump in the pump sump. Four 4-inch diameter slotted PVC observation wells will be installed in the corners of the tank pit excavation. The tank will also be equipped with an automatic tank-gauging probe (part of the TLS-450), which will automatically inventory the product volume in the tank. Each product piping line will be equipped with a pressurized line leak detection system that is designated to stop product flow in the event a leak in the product line is detected.

All probes and sensors from the tank and piping will be connected to the programmable TLS-450 Automated Compliance and Site Management inventory control system to be located in the store. An audio and visual alarm will be triggered if any liquids, or water is detected. If any liquid sensor is activated, the entire fuel system will be programmed to shut down all submersible pumps and fuel dispensers until station personnel visually check the source of the problem. The station will remain inoperable until the liquid is removed. Events will be recorded along with the diagnosed problem solution, and the date it was fixed. If a release is suspected, a release determination investigation will be conducted, and a report will be submitted to TCEQ.

TECQ-0583 Attachment B

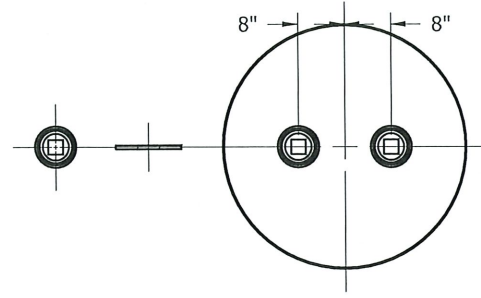
Manufacturer Information for Tanks

TCEQ-0583 Attachment B
Manufacturer Information for Tanks

Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas

The proposed UST will consist of two 12,000-gallon Watco Triple Wall tank consisting of a steel primary tank, a steel secondary tank, and a F.R.P. jacketed third tank. The first UST is a compartmentalized tank with one 7,000-gallon unleaded gasoline compartment and a 5,000-gallon diesel compartment. The second UST is a compartmentalized tank with one 8,000-gallon unleaded gasoline compartment and a 4,000-gallon super unleaded compartment.

Manufacturer information for tanks is attached.



Technical drawing of a rectangular storage tank. The drawing shows the tank's profile with various dimensions and internal features.

Dimensions:

- Overall width: 32'-8"
- Overall height: Ø96"
- Top width segments: 40", 40", 40", 40"
- Top height segments: 24", 24"
- Internal width segments: 19'-0", 13'-7"
- Internal height segments: 7,000 GALLONS, 5,000 GALLONS

Internal Features:

- MONITOR WELL W/ 2" THREADED OPENING (SECONDARY)
- MONITOR WELL W/ 2" THREADED OPENING (TERTIARY)
- (10) - NYLON BUSHING W/ 4" THREADED OPENING
- FILL
- LIFT LUGS (2 REQ'D)

TANK CONSTRUCTED PER UL-58 ACT-100 TYPE II DOUBLE WALL AND UL-1746 JACKETED PERMATAK FOR TERTIARY CONTAINMENT

CUST.:	JF PETROLEUM GROUP
LOC.:	SAN ANTONIO, TX
DWG NO:	40247.01

8					
7					
6					
5					
4					
3					
2					
1					
0	11/23/22	ZO	WH	ISSUED FOR APPROVAL	
REV.	DATE	DWG BY	APP'D	DESCRIPTION	

NOTES:
EXTERNAL: 100 MILS FIBERGLASS JACKET
INTERNAL: BARE METAL
TESTING:
- PRIMARY: 5 PSIG SOAP & WATER
- SECONDARY: VACUUM
- TERTIARY: VACUUM
ESTRICKER PLATE UNDER "FILL" OPENING ONLY
ESTIMATED WEIGHT: 17,000 LBS (+/- 5%)

FIBERGLASS JACKET WRAP

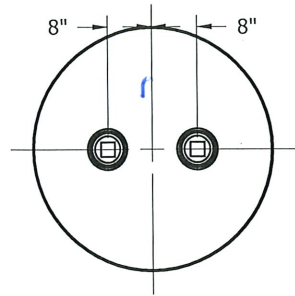
STEEL SECONDARY TANK

TERTIARY SPACE

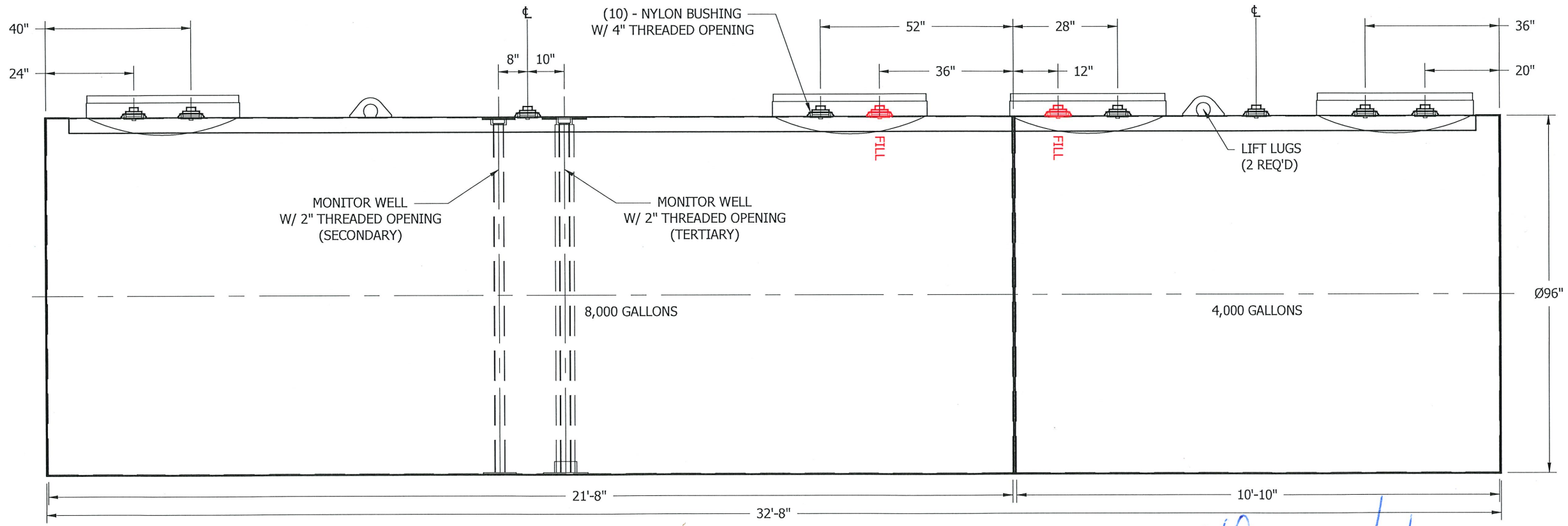
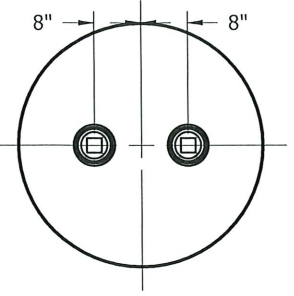
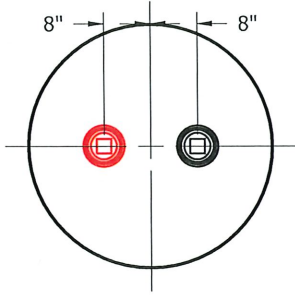
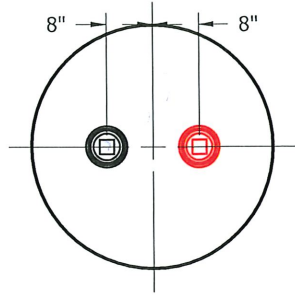
STEEL PRIMARY TANK

- U.S. ENVIRONMENTAL PROTECTION AGENCY UNDERGROUND STORAGE TANK REGULATIONS (40 CFR 280)
- STEEL TANK INSTITUTE F922, PERMATANK® FABRICATION SPECIFICATION
- UNDERWRITERS LABORATORIES UL 58 STANDARD FOR, STEEL UNDERGROUND TANKS FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS
- UNDERWRITERS LABORATORIES UL 1746 STANDARD FOR, EXTERNAL CORROSION PROTECTION SYSTEMS FOR STEEL UNDERGROUND STORAGE TANKS





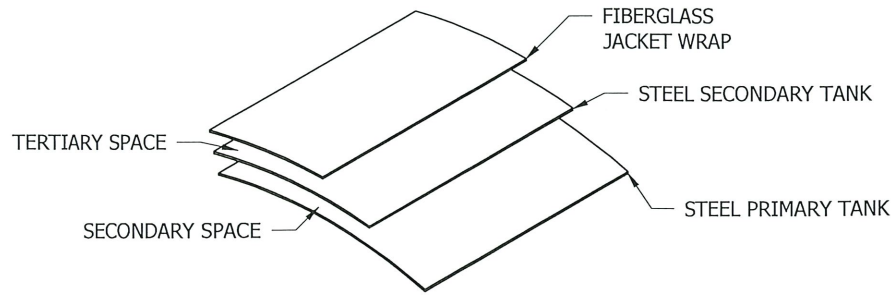
6" x 42" WATCO FIBERGLASS SUMP COLLAR
(4 REQ'D)



W. DeLeon 11/28/22

TANK CONSTRUCTED PER UL-58 ACT-100 TYPE II DOUBLE WALL AND UL-1746 JACKETED PERMATANK FOR TERTIARY CONTAINMENT

CONTAINMENT VIEW



TECHNICAL DATA

- PERMATANK® MEETS REQUIREMENTS OF:
- U.S. ENVIRONMENTAL PROTECTION AGENCY UNDERGROUND STORAGE TANK REGULATIONS (40 CFR 280)
 - STEEL TANK INSTITUTE F922, PERMATANK® FABRICATION SPECIFICATION
 - UNDERWRITERS LABORATORIES UL 58 STANDARD FOR, STEEL UNDERGROUND TANKS FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS
 - UNDERWRITERS LABORATORIES UL 1746 STANDARD FOR, EXTERNAL CORROSION PROTECTION SYSTEMS FOR STEEL UNDERGROUND STORAGE TANKS

NOTES:
EXTERNAL: 100 MILS FIBERGLASS JACKET
INTERNAL: BARE METAL
TESTING:
- PRIMARY: 5 PSIG SOAP & WATER
- SECONDARY: VACUUM
- TERTIARY: VACUUM
STRIKER PLATE UNDER "FILL" OPENING ONLY
ESTIMATED WEIGHT: 17,000 LBS (+/- 5%)



12,000 GALLON
TERTIARY PERMATANK - UL 1746
96" X 32'-8"
(8,000/4,000)

CUST.: JF PETROLEUM GROUP
LOC.: SAN ANTONIO, TX
DWG NO: 40247.02

TECQ-0583 Attachment C

Alternative Design and Protection Method for Tanks

TCEQ-0583 Attachment C
Alternative Design and Protection Method for Tanks

Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas

The proposed UST system will consist of two, 12,000 gallon Watco Triple Wall tanks consisting of a steel primary tank, a steel secondary tank, and a fiberglass jacketed third tank. The first UST is a compartmentalized tank with one, 7,000 gallon unleaded gasoline compartment and a 5,000 gallon diesel compartment. The second UST is a compartmentalized tank with one, 8,000 gallon unleaded gasoline compartment and a 4,000 gallon super unleaded compartment. Each compartment will be fitted with Red Jacket 1.5 hp fixed speed submersible pumps. Automatic shut-off valves (OPW-71SO) will provide the tank with overfill prevention. The automatic shut-off valves will be installed in the drop tubes and set to shut-off delivery at 95% of compartment capacities. Spill protection will be provided by double wall spill containment manholes installed on the fill risers.

Corrosion protection for the metallic components of the UST system will be provided by electrical isolation. The submersible pump housings and pump-end flexible connectors will be installed within a Bravo B-400x36-38T-DB-MW double wall, watertight fiberglass encapsulated sump with a 36-inch diameter reducer, which will provide isolation from the corrosive elements of the backfill material while also providing secondary containment for any leaks from these components. The dispenser-end flexible connector will be electrically isolated from the corrosive elements of the backfill material by Bravo B-9000-D-AB water-tight containment sumps. The vapor recovery riser, the fill tube insert, and the riser for the automatic tank gauging system will be thoroughly coated with black mastic and wrapped with dielectric tape.

The proposed tanks and piping will be monitored for leaks by means of a Veeder-Root TLS-450 Automated Compliance and Site Management inventory control system, Mag Plus Probe leak detection monitors and a PLLD Pressurized Line Leak Detection System line pressure monitor. The tanks will be equipped with Veeder-Root non-discriminating liquid sensors that will be installed in the interstitial space between the walls of each tank. Each of the product piping systems will be monitored by a non-discriminating liquid sensor, which will be installed adjacent to the submersible pump in the pump sump. Four 4-inch diameter slotted PVC observation wells will be installed in the corners of the tank pit excavation. The tank will also be equipped with an automatic tank-gauging probe (part of the TLS-450), which will automatically inventory the product volume in the tank. Each product piping line will be equipped with a pressurized line leak detection system that is designated to stop product flow in the event a leak in the product line is detected.

All probes and sensors from the tank and piping will be connected to the programmable TLS-450 Automated Compliance and Site Management inventory control system to be located in the store. An audio and visual alarm will be triggered if any liquids or water is detected. If any liquid sensor is activated, the entire fuel system will be programmed to shutdown all submersible pumps and fuel dispensers until station personnel visually check the source of the problem. The station will remain inoperable until the liquid is removed. Events will be recorded along with the diagnosed

problem solution, and the date it was fixed. If a release is suspected, a release determination investigation will be conducted, and a report will be submitted to TCEQ.

TECQ-0583 Attachment D

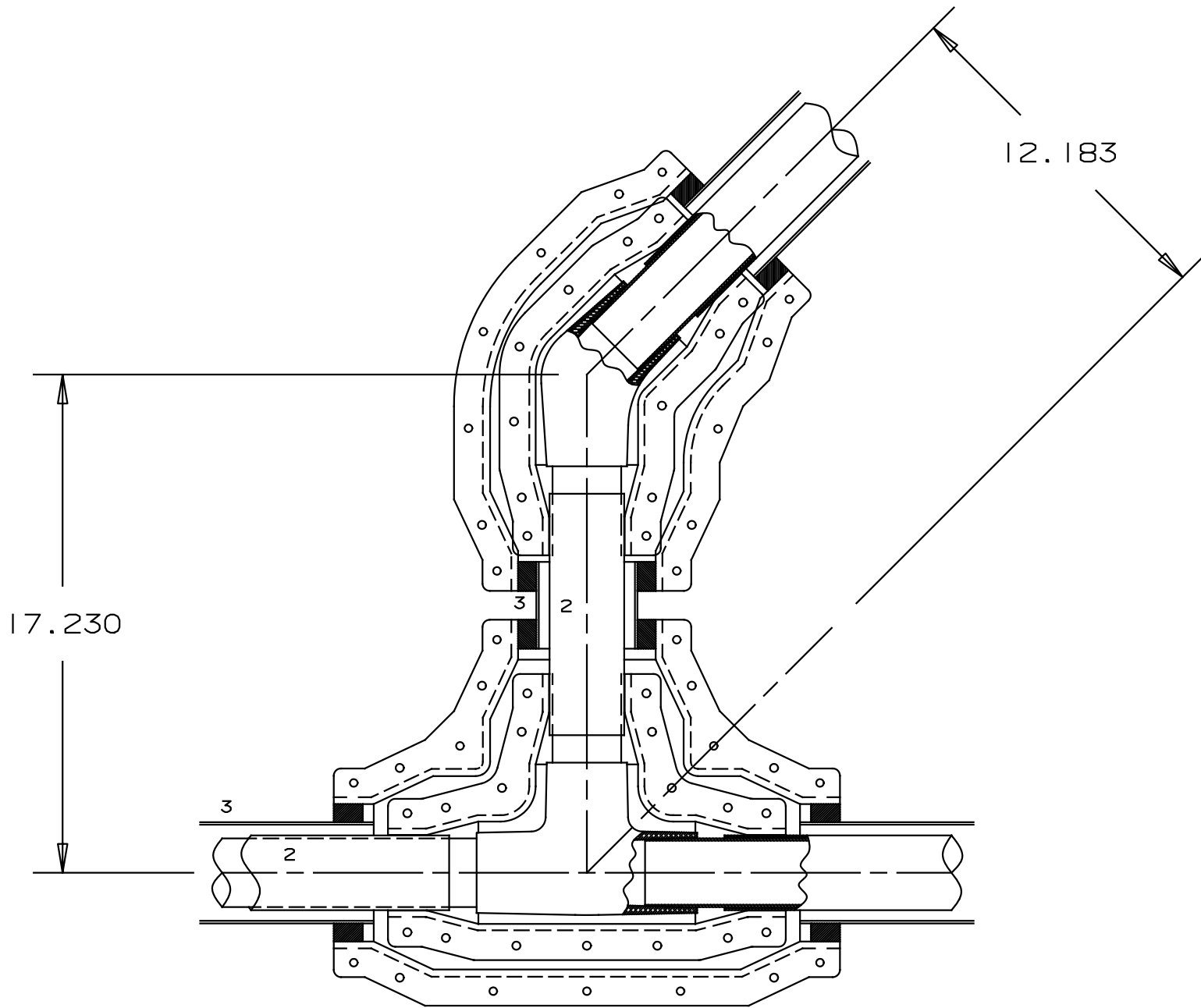
Manufacturer Information for Piping

TCEQ-0583 Attachment D
Manufacturer Information for Piping

Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas

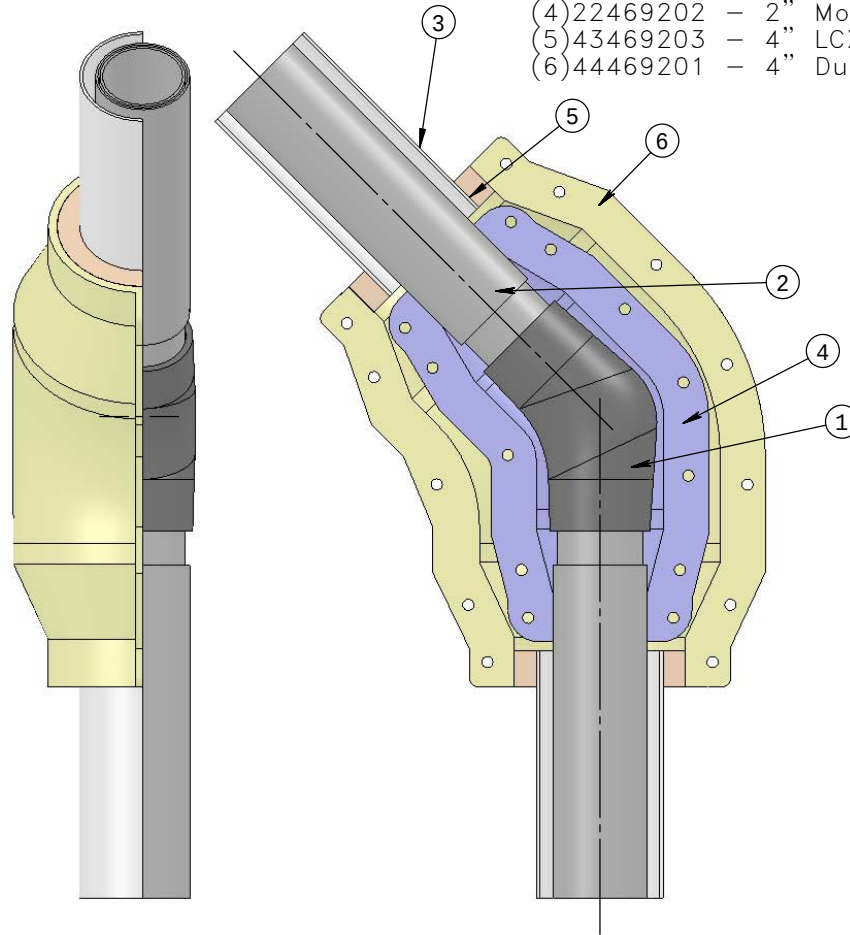
Product piping will be Ameron Dualloy 3000/LCX UL-Listed nonmetallic filament-wound, fiberglass reinforced pipe with integral liner, with both secondary and tertiary containment fittings. An OPW-10 Series safety shear valve will be installed on each product line at the dispenser island surface level to provide automatic shut-off product flow during emergencies. New Gilbarco Encore 700S dispensers will be installed with OPW nozzles, breakaways, and swivels.

Manufacturer information for piping is attached.



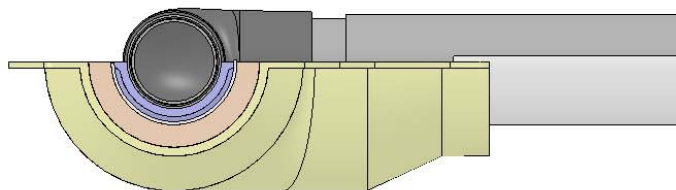
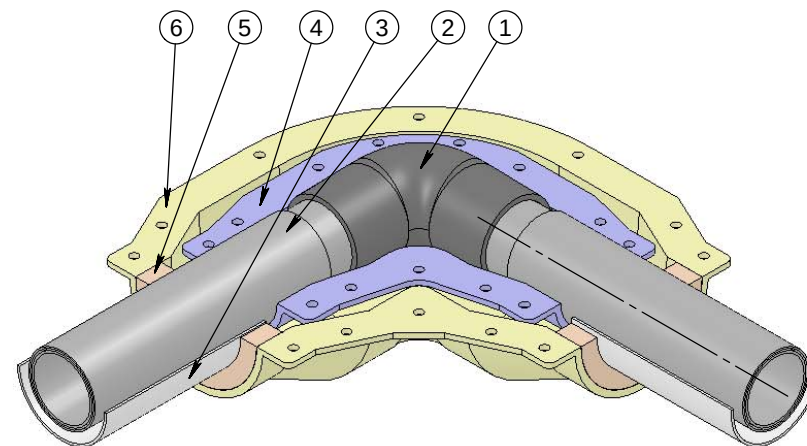
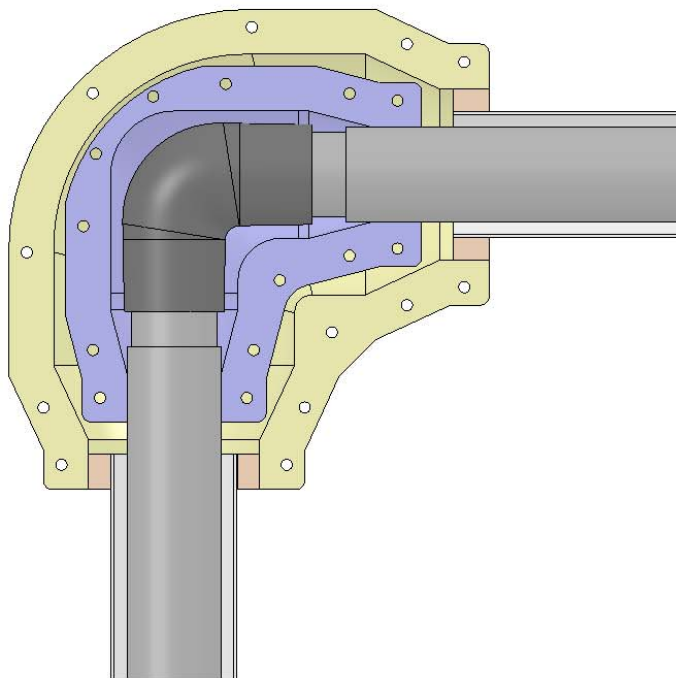
TERTIARY JUMP-OVER
OPTION #1
(SHOWN IN FLAT PATTERN
FOR CLARITY)

- (1) 22371508 - 2" Dualoy 3000/L 45° Molded Elbow
 (2) 22464386 - 2" Dualoy 3000/LCX Pipe
 (3) 33854381 - 3" Dualoy 3000/L Pipe
 (4) 22469202 - 2" Modified 45° Dualoy 3000/LCX Clamshell
 (5) 43469203 - 4" LCX Clamshell x 3" 3000/L Pipe Closure Ring
 (6) 44469201 - 4" Dualoy 45° 3000/LCX Clamshell



				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				BREAK ALL SHARP EDGES 0.06 MAX	SCALE: NONE	MATERIAL: SPECIFY MATERIAL		
				FRACT. ± 1/16	.X ±0.060	.XX ±0.030	.XXX ±0.015	ANGLES ±1/2	TITLE: DUALOY 3000/LCX 45° ELBOW TERTIARY CONTAINMENT			
				 Fiber Glass Systems A National Oilwell Varco Company 1004 Ameron Rd. Burkburnett, Texas								
HPM	10-2-12	DESCRIPTION OF REVISION	REV.	DRAWN BY: HPM DRAWING NUMBER REV.								
NAME	DATE	DESCRIPTION OF REVISION	REV.	DATE: 10/30/12 NOV121030-45 00								

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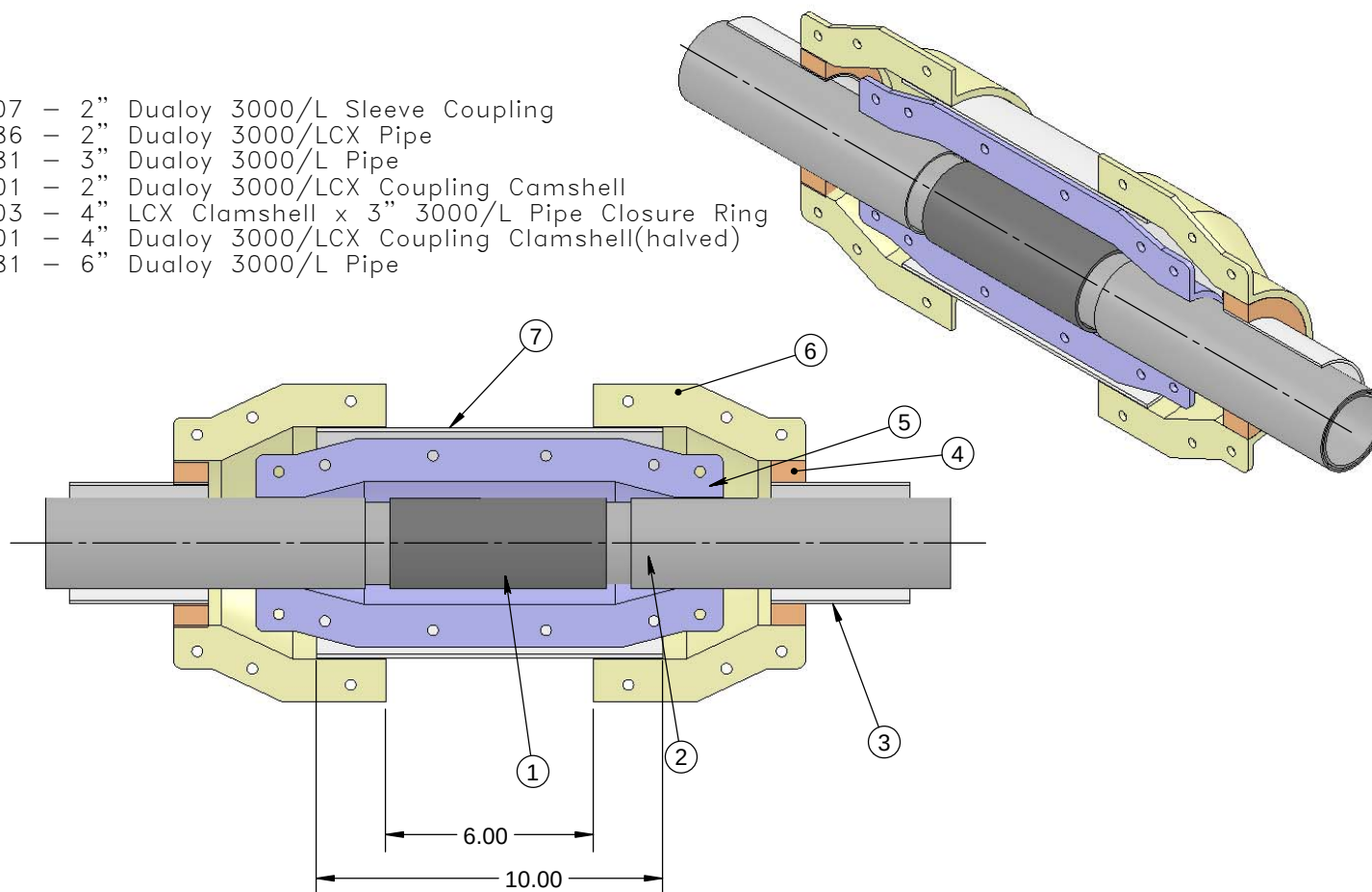


- (1) 22372108 - 2" Dualoy 3000/L 90° Molded Elbow
- (2) 22464386 - 2" Dualoy 3000/LCX Pipe
- (3) 33854381 - 3" Dualoy 3000/L Pipe
- (4) 22469201 - 2" Modified Dualoy 3000/LCX Clamshell
- (5) 43469203 - 4" LCX Clamshell x 3" 3000/L Pipe Closure Ring
- (6) 44469201 - 4" Dualoy 3000/LCX Clamshell

					UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		BREAK ALL SHARP EDGES 0.06 MAX		SCALE: NONE		MATERIAL: SPECIFY MATERIAL													
					FRACT. T.		.X ± 1/16		.XX ±0.060		.XXX ±0.030		ANGLES ±0.015		±1/2		TITLE: DUALOY 3000/LCX 90° ELBOW TERTIARY CONTAINMENT							
					 Fiber Glass Systems A National Oilwell Varco Company 1004 Ameron Rd. Burkburnett, Texas																			
HPM	10-30-12	DESCRIPTION OF REVISION			REV.													DRAWN BY:		HPM		DRAWING NUMBER		REV.
NAME	DATE	DESCRIPTION OF REVISION			REV.													DATE:		10/30/12		NOV121030-90		00

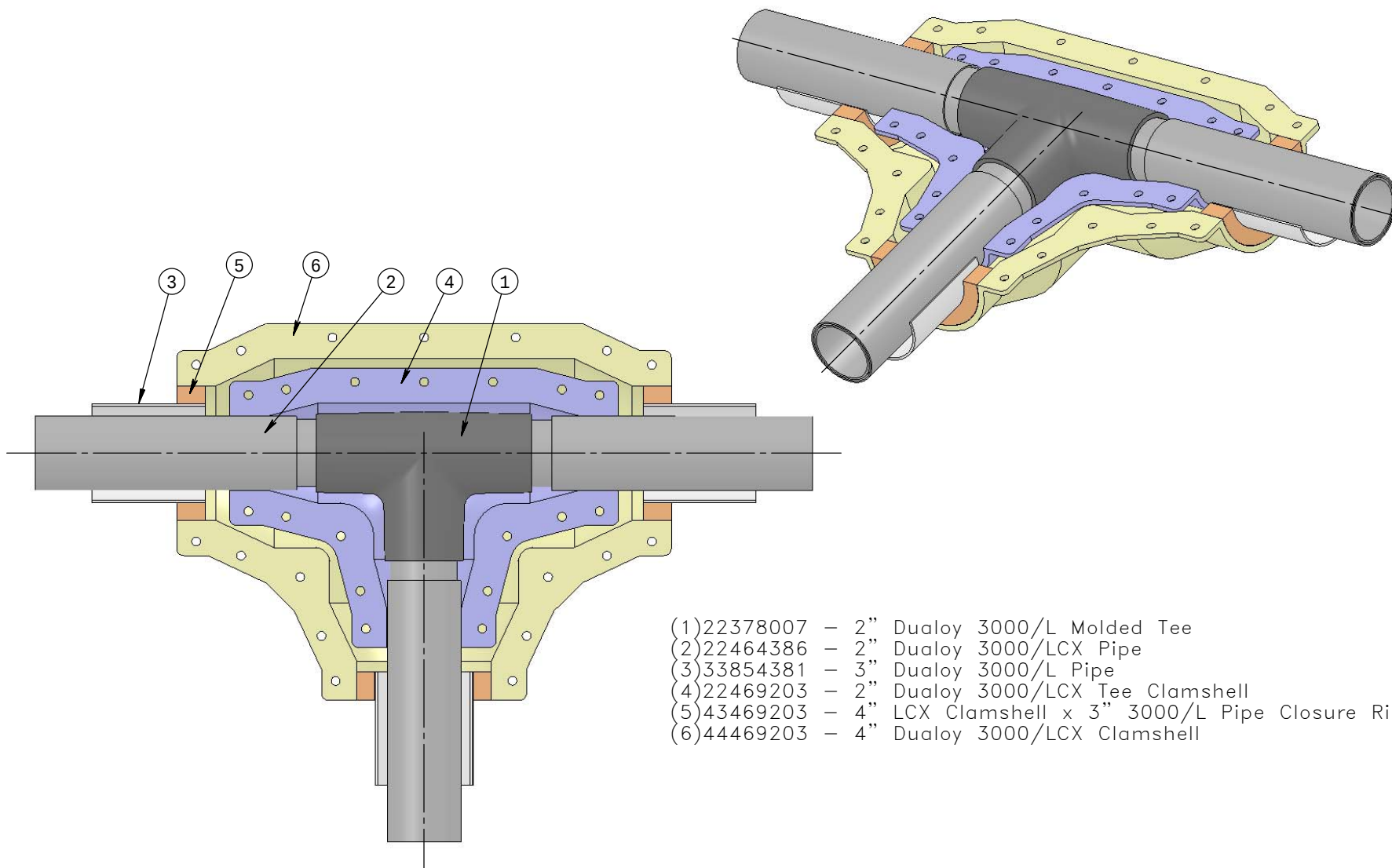
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- (1) 22850707 - 2" Dualoy 3000/L Sleeve Coupling
- (2) 22464386 - 2" Dualoy 3000/LCX Pipe
- (3) 33854381 - 3" Dualoy 3000/L Pipe
- (4) 22469201 - 2" Dualoy 3000/LCX Coupling Camshell
- (5) 43469203 - 4" LCX Clamshell x 3" 3000/L Pipe Closure Ring
- (6) 44469201 - 4" Dualoy 3000/LCX Coupling Clamshell(halved)
- (7) 66854381 - 6" Dualoy 3000/L Pipe



				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		BREAK ALL SHARP EDGES 0.06 MAX		SCALE: NONE	MATERIAL: SPECIFY MATERIAL		
				FRACT. ± 1/16	.X ±0.060	.XX ±0.030	.XXX ±0.015	ANGLES ±1/2	TITLE:		
				 Fiber Glass Systems A National Oilwell Varco Company 1004 Ameron Rd. Burkburnett, Texas					DUALOY 3000/LCX 2-INCH COUPLING TERTIARY CONTAINMENT		
HPM	10-2-12	DESCRIPTION OF REVISION							REV.	DRAWN BY: HPM	
NAME	DATE	DESCRIPTION OF REVISION		REV.	DATE: 10/30/12		NOV121030-CPL		00		

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- (1) 22378007 - 2" Dualoy 3000/L Molded Tee
 (2) 22464386 - 2" Dualoy 3000/LC X Pipe
 (3) 33854381 - 3" Dualoy 3000/L Pipe
 (4) 22469203 - 2" Dualoy 3000/LC X Tee Clamshell
 (5) 43469203 - 4" LCX Clamshell x 3" 3000/L Pipe Closure Ring
 (6) 44469203 - 4" Dualoy 3000/LC X Clamshell

				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		BREAK ALL SHARP EDGES 0.06 MAX	SCALE: NONE	MATERIAL: SPECIFY MATERIAL				
				FRACT. ± 1/16	.X ±0.060	.XX ±0.030	.XXX ±0.015	ANGLES ±1/2	TITLE: DUALOY 3000/LC X 2-INCH TEE TERTIARY CONTAINMENT			
				 Fiber Glass Systems A National Oilwell Varco Company 1004 Ameron Rd. Burkburnett, Texas								
HPM	10-2-12	DESCRIPTION OF REVISION	REV.						DRAWN BY:	HPM	DRAWING NUMBER	REV.
NAME	DATE	DESCRIPTION OF REVISION	REV.						DATE:	10/30/12	NOV121030-T	00

TECQ-0583 Attachment E

Alternative Design and Protection Method for Piping

TCEQ-0583 Attachment E

Alternative Design and Protection Method for Piping

Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas

Product piping will be Ameron Dualloy 3000/LCX UL-Listed nonmetallic filament-wound, fiberglass reinforced pipe with integral liner, with both secondary and tertiary containment fittings. An OPW-10 Series safety shear valve will be installed on each product line at the dispenser island surface level to provide automatic shut-off product flow during emergencies. New Gilbarco Encore 700S dispensers will be installed with OPW nozzles, breakaways, and swivels.

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TCEQ-0583 Attachment F

Tertiary Containment Method

TCEQ-0583 Attachment F Tertiary Containment Method

**Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas**

Tertiary containment for the proposed UST system will be provided by the use of a triple-walled glass-steel tank and double-walled fiberglass-reinforced piping utilizing both secondary and tertiary containment fittings.

The UST system will consist of two, 12,000 gallon Watco Triple Wall tanks consisting of a steel primary tank, a steel secondary tank, and a F.R.P. jacketed third tank. Spill protection will be provided by double wall spill containment manholes installed on the fill risers.

Product and venting piping will be Ameron Dualloy 3000/LCX UL-Listed nonmetallic filament-wound, fiberglass reinforced pipe with integral liner, with both secondary and tertiary containment fittings. An OPW-10 Series safety shear valve will be installed on each product line at the dispenser island surface level to provide automatic shut-off product flow during emergencies.

TECQ-0583 Attachment G

Exception to Geologic Assessment

TECQ-0583 Attachment G
Exception to Geologic Assessment

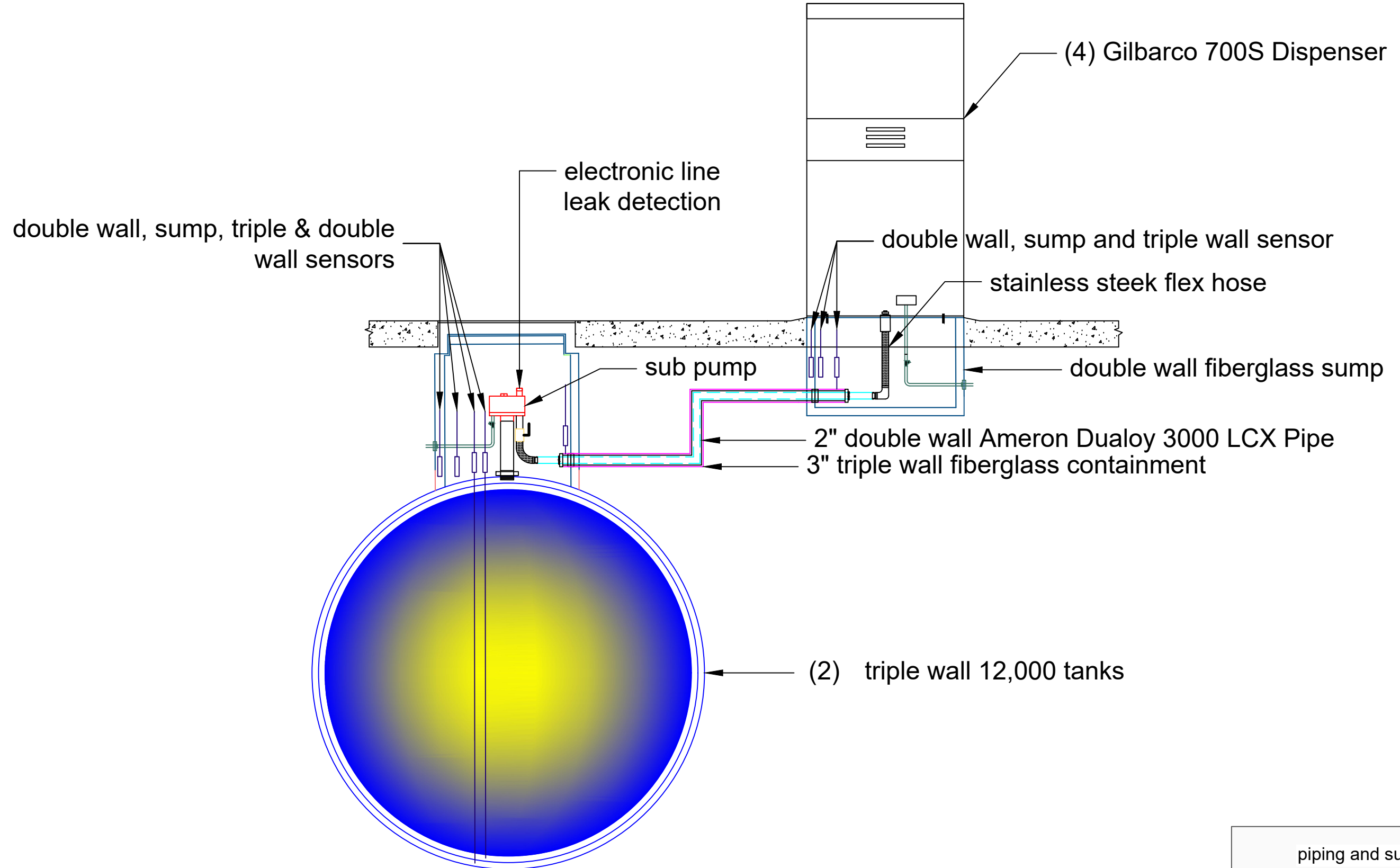
Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas

The current UST system at the Fiesta Mini Market facility located at 6835 N. Loop 1604 W., San Antonio, will be removed and replaced with up to date triple-wall UST system standards. The site is currently greater than 50% covered with impervious surfaces including concrete and building structures. No geologic features are visible at the surface. Once UST and piping installation activities begin, the excavated tank hold area will be inspected by a geologist for evidence of any geologic features. If any geologic features are observed, the TCEQ will be promptly notified.

We request an exemption to the Geologic Assessment as an assessment was completed as part of the originally approved facility plan. According to the 1993 original approval, a solution shaft was documented approximately 70-feet north of the subject site property line, which was undeveloped at that time. Following a review of historical aerial maps, it appears the area adjacent to the north and east was developed sometime after the year 2014.

TECQ-0583 Attachment H

Profile Drawings



pipng and sump detail



customer:
Kevin Hirani

location:
Fiesta Mini Mart
6835 N Loop 1604
San Antonio, Texas 78249

Date: 2-9-2023

Rev. No.

Scale: NA

Drawn By: DD

TECQ-0583 Attachment I

Initial and Continuing Training

TCEQ-0583 Attachment I Initial and Continuing Training

**Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas**

The tank installation contractor for this project, Petroleum Solutions, Inc., will provide training to the owner/operator and management of the Fiesta Mini Market facility. Using the information provided in the owner's manual for the tank system, the tank contractor will train the owner/operator to monitor the system and conduct inventory checks. The electronic leak and inventory system is a computerized continuous detection system. The leak detection system will be monitored daily. If an anomalous condition or reading is detected, store personnel will immediately contact the tank contractor to inspect the tank system.

The owner/operator and/or site manager will be thoroughly trained regarding the operating procedures, maintenance, record keeping, calibration and emergency response activities regarding the tank system. The owner/operator and/or site manager will receive annual refresher training for the tank system operation and monitoring. The owner/operator and/or site manager will be adequately familiar with the tank monitoring system and will be responsible for providing training to other site personnel. The owner/operator will properly train each new employee the procedures for monitoring the release detection equipment.

Should the alarm system activate, the monitoring system will automatically shut-off the product flow to the dispensers. The tank contractor will be contacted to conduct a thorough inspection of the tank system. If it is found that a reportable quantity of fuel was released, the TCEQ will be notified immediately.

TECQ-0583 Attachment J

Release Detection Maintenance

TCEQ-0583 Attachment J
Release Detection Maintenance

Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas

Inventory control will be monitored daily via an electronic monitoring system. The equipment will be maintained in accordance with the manufacturer's specifications. The tank contractor for this project, Petroleum Solutions, Inc., will provide annual certification and compliance inspections of the tank and leak detection systems as well as providing routine maintenance.

TCEQ-0583

**Equipment Literature Provided by
Petroleum Solutions, Inc.
(Tank Installer)**



The industry's most trusted dispenser

Secure your competitive advantage and increase profits with Gilbarco Veeder-Root's Encore 700 S — your best dispenser investment for today and tomorrow.

Highly secure, powerful CRIND® electronics build a flexible and innovative platform for your changing forecourt marketing and payment needs. Enjoy peace of mind with a leading foundation that is highly secure today and upgradeable to meet the payment security and technology needs of tomorrow.

Encore® 700 S

- > **Reliable**
Gilbarco's proven and time-tested design guarantees most forecourts and widest range of conditions
- > **Flexibility**
Encore 700 S offers most configurations and options to fit your forecourt
- > **EMV-Ready**
The industry's most secure Encore 700 S is the cornerstone of Gilbarco's EMV® suite of products
- > **Easy Service**
Engineered with easy access and quick turntime for servicing and maintenance
- > **Rich Media**
Encore 700 S runs a variety of marketing and rich multimedia programs including Applause TV at the pump.
- > **Connectivity**



Technology with a human touch.

Options. Uptime. Reliability.

Proven design guarantees uptime.

You get the best of Gilbarco's field-proven Encore® 700 S series:

- > Familiar ATM-style customer interface
- > Full range of alternative fuel options
- > Industry's most comprehensive warranty

Enhanced, upgradeable security.

You'll benefit from Gilbarco's global EMV® leadership and experience, including the largest installed base of EMV® fueling pay points in North America. The Payment Card Industry Unattended Payment Terminal (PCI-UPT) and EMV® certified platform in Encore 700 S include:

- > FlexPay™ Encrypting PIN Pad (EPP) to protect PIN data
- > FlexPay™ Secure Card Reader (SCR) to encrypt card data
- > EMV® certification (requires software and EMV® Chip and PIN reader upgrade for EMV® transactions*)
- > PCI-UPT certification
- > Secure Controller to protect the entire electronics platform

* Note: Based on known EMV® specifications today. The US EMV® specifications have not yet been announced by Visa.

Superior merchandising improves profits.

Encore® 700 S gives you field-proven tools to inform, persuade, and motivate your fuel customers to come inside your store and buy higher-margin goods, through:

- > Flexible content management options, with the industry leading Applause merchandising system
- > Superior image clarity, resolution and video performance
- > 5.7" color screen as standard for clear, effective communication
- > 10.4" color upgrade option for maximum impact

Platform for continued growth.

Encore® 700 S provides a strong foundation for growth with powerful, future ready electronics to support your innovation needs, such as mobile payments, enhanced loyalty, expanded merchandising and other applications:

- > Enhanced applications processor for future growth
- > Enhanced CRIND® memory for improved application speed
- > CAT-5 connectivity for ultimate flexibility

Encore® 700 S Specifications

Regulatory / Governmental Approvals:	Processor:	Component Options:
> UL, cUL	> Up to 720-MHz ARM A8 Core for enhanced CRIND applications speed	> Complete Encore S Bezel
> Measurement Canada, Weights & Measures, FCC	> Up to 520-MHz DSP Core for high performance audio and video capability	> 5.7" QVGA (10.4" VGA upgrade option available)
> PCI PED 2.x	> Secure processor for data encryption and tamper responsiveness	> Door switches to notify the POS to limit access and prevent tampering*
> PCI UPT 1.x	> Memory:	> Key components that self-disable in the event of tampering
> EMV® Compatible	> NAND Flash: 512 MB	> High Speed Graphic Thermal Printer
	> DDR SRAM: 256 MB	> Encrypted Pulser (optional)
	> eMMC: 4GB	
Environmental:		
> -30°C to +55°C		
> A cabinet or keypad heater option is available to avoid ice accumulation.		

*POS Dependent

EMV is a registered trademark or trademark of EMVCo LLC in the United States and other countries.

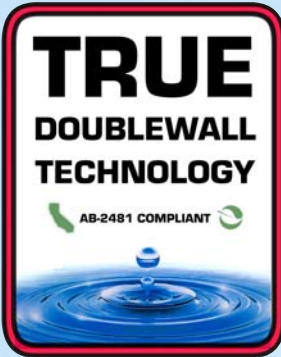
P-2397F | Printed in the U.S.A. | © 2015 | 0915 | 7300 W. Friendly Ave., Greensboro, NC 27410 (336) 547-5000

B-400-DB-MW Tall-Collar Tank Sump

DOUBLEWALL SUMP (1-PIECE) FOR MODERN WELDING TANKS

42" OR 48" DIAMETERS WITH 32" OR 36" REDUCERS

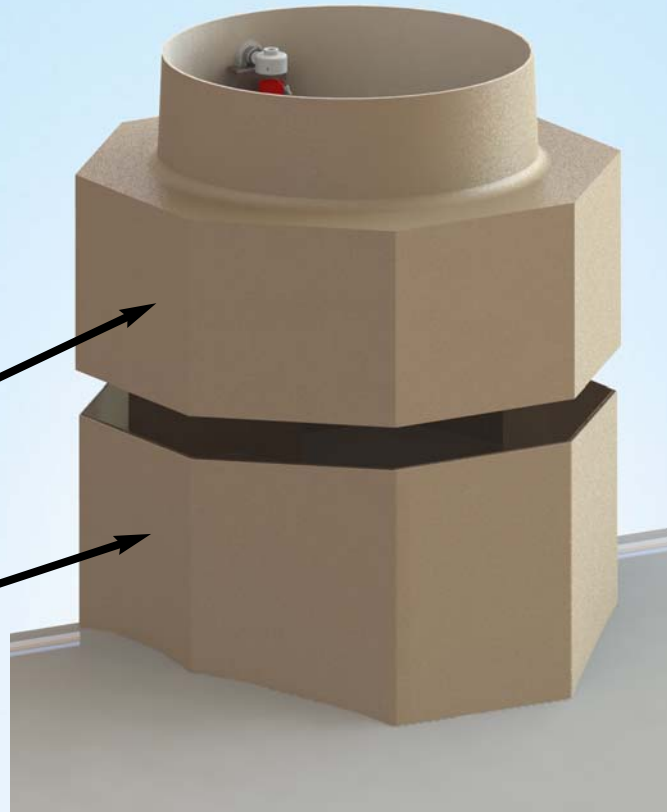
MANUFACTURED OF FIBERGLASS



AB-2481 Compliant
Third Party Approved

Eight Sided Sump
Great for 45° & 90°
Fiberglass Fittings

With a "Tall Collar"
installed by your Tank
manufacturer, begin
piping as soon as
your tank arrives



Compatible with
and warranted for
continuous exposure
to all common fuels
and alternative fuels
including ethanol
and biodiesel.



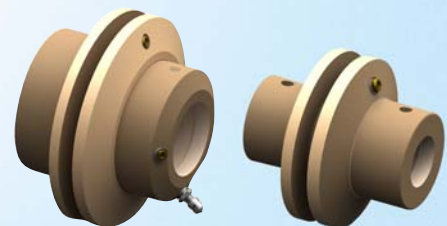
All sumps
ship under
20"Hg for
continuous
testing



EQ# 615

FEATURES:

- > Tank-Spec Fiberglass Construction
- > AB-2481 Compliant Monitored DoubleWall
- > Ships under a continuous 20"Hg vacuum test
- > Large flat walls for more entry fittings
- > Octagonal walls with "Tall Collar" mount
- > Begin piping as soon as the tank arrives
- > 42" or 48" Diameters
- > 32" or 36" Diameter reducers
- > Includes Manometers and interstitial fluid
- > Height adjustable in the field



RECOMMENDED:
F-Series-D FRP Fittings Only

Patent# 6,823,886 - Other Patents Pending

13A



WWW.SBRAVO.COM
800-AT-BRAVO



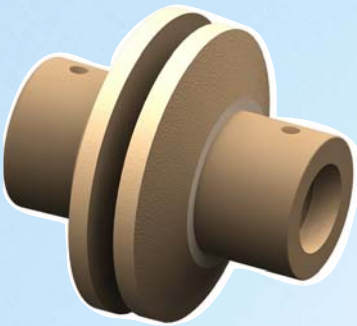
**PATENTS
PENDING**

F-SERIES FIBERGLASS ENTRY FITTINGS FOR FLAT DOUBLEWALL FIBERGLASS SUMPS

F-1X-SS-D / F-1X-RR-D / F-XX-TS-D / F-XX-LS-D

DOUBLEWALL FITTING FOR CONDUIT AND FIBERGLASS PIPE

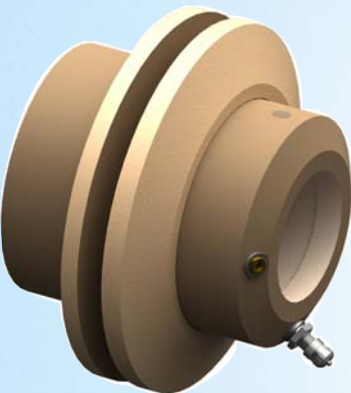
True AB-2481 Compliance !



Conduit Pass-through Fittings

PART #	Description
F-17-SS-D *	Fitting for 3/4" galvanized steel conduit
F-10-SS-D *	Fitting for 1" galvanized steel conduit
F-17-RR-D:	Fitting for 3/4" RobRoy brand PVC-coated steel conduit
F-10-RR-D:	Fitting for 1" RobRoy brand PVC-coated steel conduit

*** IF BRINE (SALINE) IS USED - YOU MUST USE "RR" MODELS**



Size over Size / LCX Fittings

PART #	Description
F-32-TS-D:	Fitting for 3" over 2" FRP pipe w/ dual test ports
F-43-TS-D:	Fitting for 4" over 3" FRP pipe w/ dual test ports
F-64-TS-D:	Fitting for 6" over 4" FRP pipe w/ dual test ports
For Ameron LCX Coaxial pipe	
F-22-LS-D:	Fitting for 2" LCX Coaxial FRP pipe w/ dual test ports
F-33-LS-D:	Fitting for 3" LCX Coaxial FRP pipe w/ dual test ports

FEATURES:

- > Reduce Labor & Material
- > Tank-Spec FRP material
- > No metal or rubber parts
- > Port for testing sump interstice
- > Warranted for fuel submersion
- > 30 Year Corrosion Warranty

CONTACT FACTORY FOR ROUND SUMPS



Third Party Approved



15A



WWW.SBRAVO.COM
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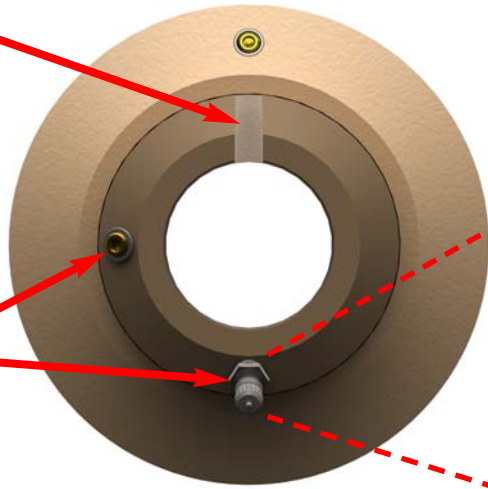
made
in USA



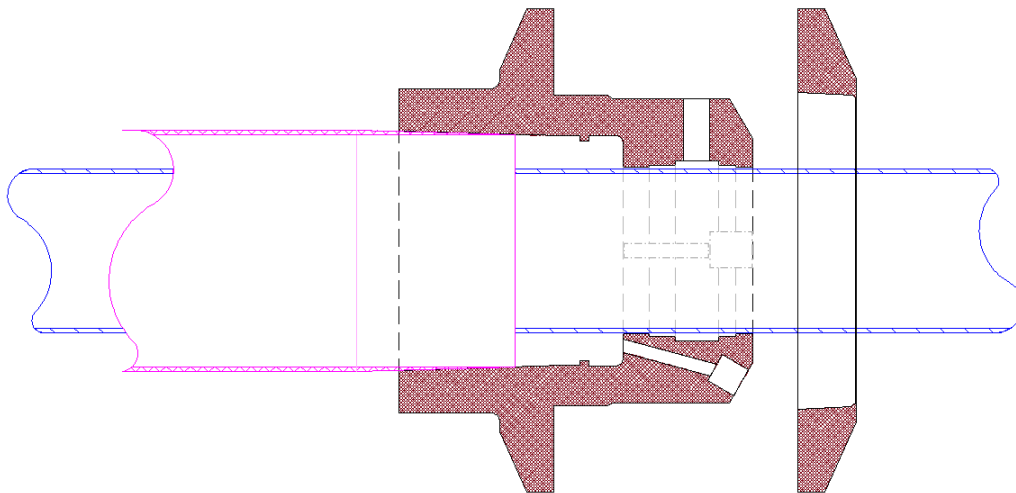
F-SERIES-D FITTING

Adhesive
Injection
Port always
installed at
12 'o'clock

Dual test
ports at
9 and 6
'o'clock



The F-Series-D entry fitting has two test / drain port locations. One at 9 'o'clock and one at 6 'o'clock. This allows installers to choose the position that is compliant with their local regulatory requirements.



Primary passes
through fitting for
testing, while not
permanently installed

After primary passes
testing, the primary
is then sealed to the
fitting by adhesive
injection

The secondary is then

RECOMMENDED TOOLS FOR INSTALLATION: Refer to Instruction Manual

T-FS-SAND-GUN Sanding Gun (5/8")
T-FS-SAND-KIT Steel disc set for fittings



T-FS-SAND-KIT



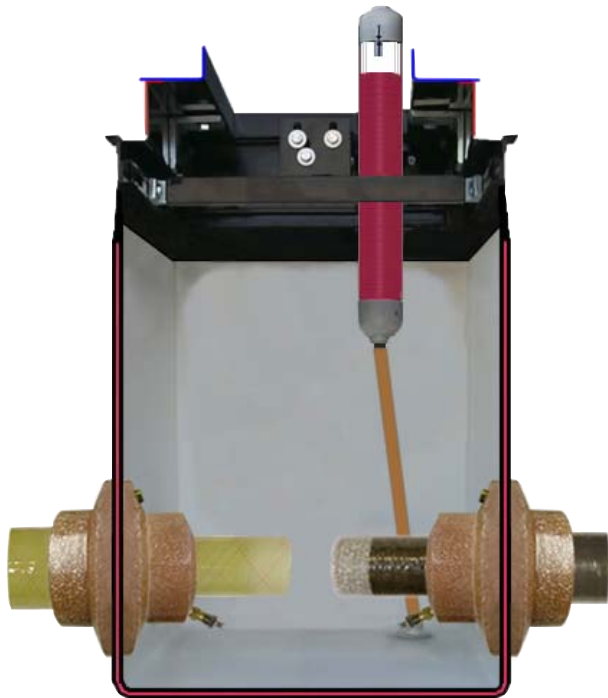
T-FS-SAND-GUN

B-8000/9000 D-AB

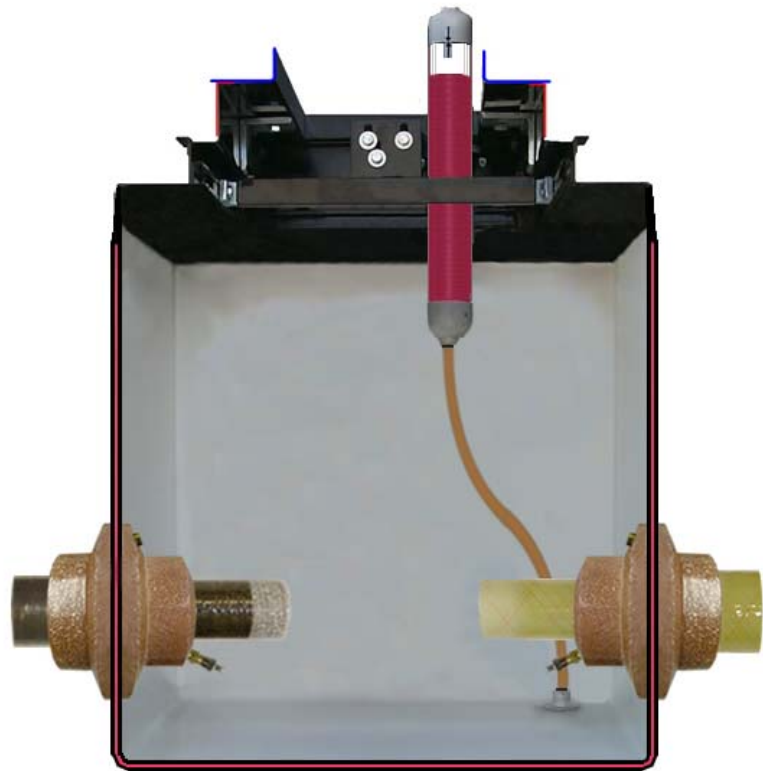
DOUBLE WALL

UDC INSTALLATION INSTRUCTIONS

FOR HYDROSTATIC AND VACUUM MONITORING



B-8000-D-AB



B-9000-D-AB

REQUIRED TOOLS

(NOT PROVIDED)

Power/air Sanders. Acetone to clean up tools/applicators. Power Cutting Tools.

VAC-KIT-D-AB per site

RECOMMENDED:

(NOT PROVIDED)

Bravo FS Sand Kit



ii-B8000-9000-DW-11B

S. Bravo Systems, Inc. - The Leader in Secondary Containment

2929 Vail Ave. | Commerce, CA | 323-888-4133 | FAX: 323-888-4123 | www.sbravo.com



MANDATORY

The B8000/9000 DoubleWall UDC Sump Series from S. Bravo Systems, Inc. **MUST** be installed by, and only by, **Bravo Certified Installation Contractors**.
Details can be found at www.sbravo.com/cert.htm

IMPORTANT

READ THESE INSTRUCTIONS - KEEP FOR FUTURE REFERENCE

TABLE OF CONTENTS

DRY FITTING EQUIPMENT.....	p. 3
A) Sump Positioning & Penetration Fittings.....	p. 4-5
B) Air Integrity Test & Mandatory Hydrostatic Fill Instructions.....	p. 6-8
C) Advanced Leak Detection Procedure.....	p. 9-10
D) Attaching the Manometer.....	p. 11
E) Installing Upper Frame.....	p. 12
F) Adjusting Product Shear Valve.....	p. 13

- Closely adhere to all directions and warnings indicated on the product or contained in these instructions.

- Warranty is void if there is any evidence of modification, abuse, negligence or improper installation.

- For assistance please call Bravo for technical support at (800) 28-BRAVO. Outside the U.S.A. please call (323) 888-4133.



Filling Bravo Systems Double Wall Products with Brine (saline) solution will void the product warranty. You must use only Bravo-Supplied Interstitial Fluid.

SAFETY FIRST! S. Bravo Systems, Inc. urges you to carefully adhere to the normal safety procedures and precautions followed by your company. Please follow the mandates and compliances decreed by OSHA, local, State and federal regulations regarding the use of this product.

WARRANTY

All containment systems sold by S. Bravo Systems, Inc. are warranted to be free from defects in material and workmanship for a period of one year from date of purchase. This warranty will be limited to the repair and replacement of Bravo parts only and will exclude all claims for labor or consequential damage. No other express warranties given and no affirmation of S. Bravo Systems, Inc., or its agents and/or representatives, by words or action, will constitute a warranty. IT IS EXPRESSLY AGREED THAT THIS WARRANTY WILL BE IN LIEU OF ALL WARRANTIES OF FITNESS AND IN LIEU OF THE WARRANTY OF MERCHANTABILITY.

This warranty is void if there is any evidence of modification, abuse, negligence, or improper installation. If any fittings or components, other than S. Bravo Systems approved fittings or components, are used in conjunction with any S. Bravo Systems product, the warranty pertaining to these products is immediately void.

EQUIPMENT DRY-FIT

- BEFORE INSTALLING PENETRATION FITTINGS

- BEFORE CUTTING OPEN SUMP INTERSTICE

DRY-FIT YOUR SUMP PIECES AND INTERNAL EQUIPMENT.



BEFORE PENETRATING FIBERGLASS WALLS ENSURE THAT THE DOUBLE WALL FRP SUMP IS HOLDING VACUUM



It is **REQUIRED** to visually check the Vacuum gauge on each and every BravoSystems Double Wall product and write on its packaging report **Vacuum level**, **signature of observer**, **date** and **time** the shipment is received **at every destination**.

WARRANTY IS VOID:

IF ANY OF THE FOLLOWING OCCUR

- A)** There is a failure to comply with the Required written report guidelines as stated above.
- B)** Double Wall Products are DOUBLE-STACKED, stored or shipped in a negligent way.
- C)** There is a failure to handle Bravo Systems equipment with the utmost care.
- D)** Any packaging or wrapping materials are removed before the item reaches It's destination.
- E)** Double Wall Sump Products, Failure to call Bravo Systems If Vacuum level on product is less than 12" HG (Vacuum) (323) 888-4133, refer to sump for further details.
- F)** If there is any indication or suspect damage, you must mark the freight paperwork *"Suspect Freight Damage"*

NEW INSTALLATION

IMPORTANT

During installation, cover the UniBox with cardboard, plastic sheeting or equivalent to keep debris from falling into the box. Cover all threaded connections to prevent damage to threads.

A - Sump Positioning

A.1- Determine the permanent position of the UniBox inside the island according to your specs. Place two support bars across the island widthwise. (Fig. A.1)

A.2- Rest UniBox on top of a bed of peagravel and ensure the UniBox is level. The Angled supports should make contact with the support bars of the island (Fig. A.1).

NOTICE Containment boxes are marked “A” for Junction box side. Refer to dispenser manufacturers Junction box position.

IMPORTANT Box should be approximately 1/4” above top edge of island to allow water to drain away from containment box.

A.3 - After positioning dispenser box, secure with tie wire to the island support to prevent shifting during concrete pour. Bolting angled supports to the support bars through provided 1/4” holes is recommended. (Fig. A.4)

PRODUCT AND VAPOR SHEAR VALVE

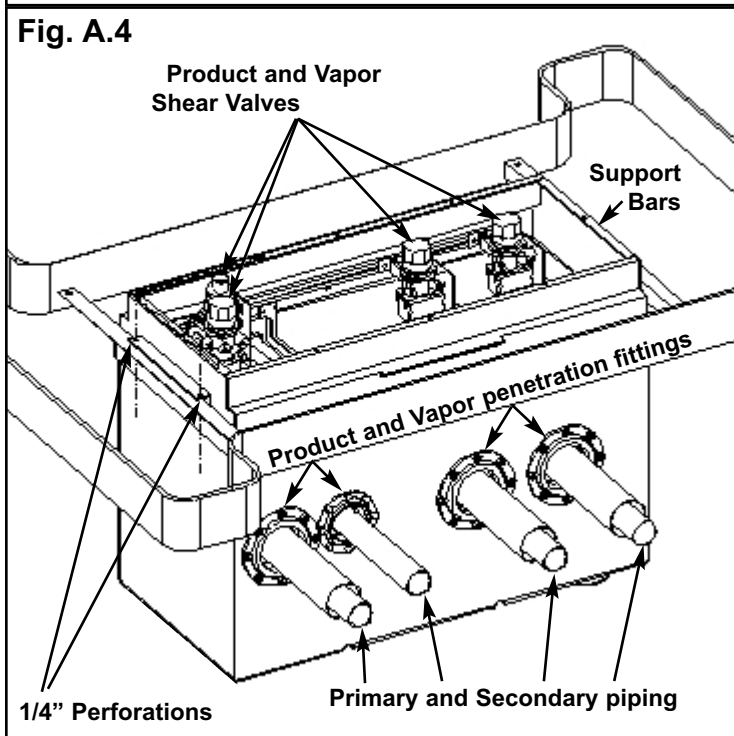
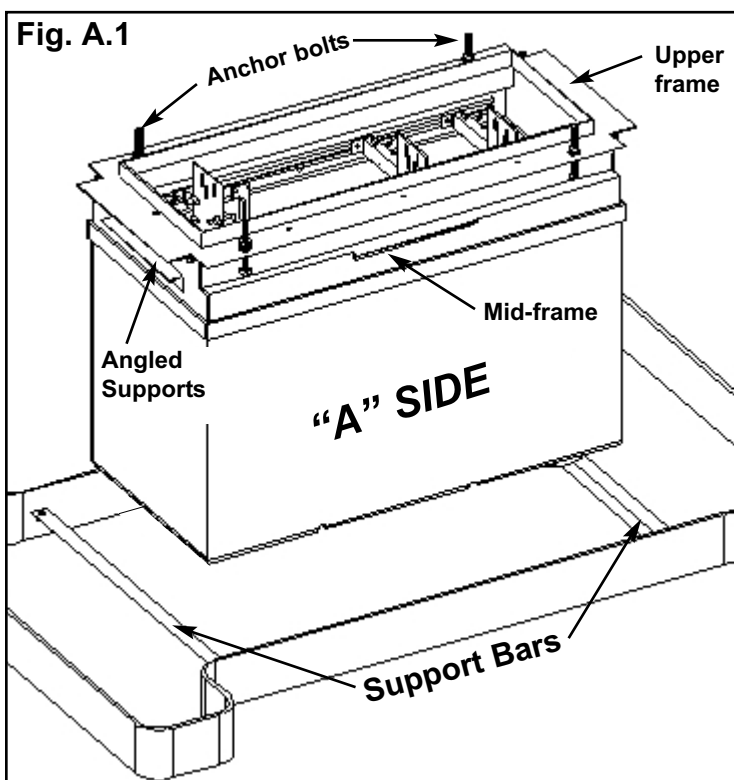
A.4 - Remove top frame. If not factory installed, connect either the flex connector and/or riser pipe to the bottom of the shear valves outside the sump, then install all product and vapor shear valve assemblies according to the dispenser configuration to the provided brackets. If adjustments to the position of the shear valves are required, check with dispenser manufacturer's configuration (Fig. A.4). See also “Section D” on page 8.

A.5 - PRIOR TO CUTTING OPEN DISPENSER SUMP ENSURE THAT THE SUMP IS HOLDING VACUUM.

READ PAGE 4 & 5 CAREFULLY !!!

If the gauge reads at or **ABOVE 12 INCHES OF MERCURY** at this time, break vacuum and proceed to **Step A.6**.

If the gauge reads **BELOW 12 INCHES OF MERCURY** at this time **CONTACT THE FACTORY AT 323-888-4133**. Follow **Step B.2** to repair leaks.



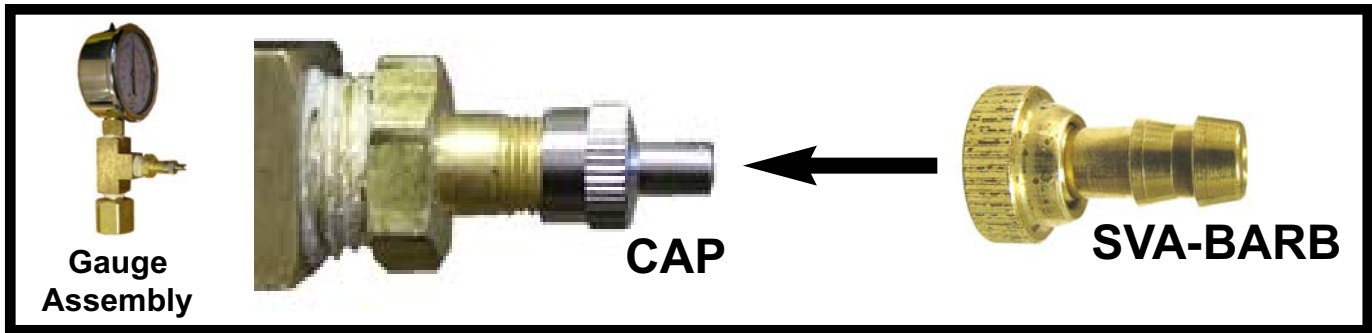
WARNING

Pressure test the primary line following the pipe manufacturer's Installation Instructions. Refer to shear valve manufacturer's Installation Instructions for details on testing.

IMPORTANT

While Fiberglassing, curing, or sitting overnight, keep the SVA-BARB in place. This will relieve stress on the Interstice while the sumps are heating up or cooling off.

SAVE THESE PIECES, DO NOT LOSE THEM! Remove the SVA-BARB when ready to test.



PRIMARY LINE PENETRATION FITTINGS

A.6 - Install all the required number of doublewall penetration fittings per their respective Installation Instructions (**Fig. A.4**).

IMPORTANT

DO NOT FILL DOUBLE WALL PENETRATION FITTINGS WITH FOREIGN MATERIALS, SEALANTS or ADHESIVES!

ELECTRICAL FITTINGS & CONDUITS

A.7 - Next generation Bravo UDC's feature an electrical offset frame that allows you to install your conduits on the exterior of the sump and up into the side panel of your dispenser.

A.8 - Following your installation of the doublewall penetration fittings, you must **FIRST TEST THE INTEGRITY OF THE BOX, SINCE THE INITIAL VACUUM HAS BEEN LOST.**

A.9 - Using the factory-provided & installed pressure/vacuum combination gauge, Pressure the sump to **4 PSI** and soap **ALL** fittings, and any field repairs, inside and outside. **If foaming leaks are found, Skip to Step B.2.**

PRIMARY AND SECONDARY PIPING

A.10 - Please refer to your pipe manufacturer's Installation Instructions.

A.11 - When finished with the installation of pipe lines, pressure sump again to no more than **4 PSI** and soap all penetration fittings, inside and outside. Again, if leaks are found, skip to **Step B.2**

IMPORTANT

S. Bravo Systems, Inc. Highly recommends the Air Integrity Test (Step B.1) to be completed at this time, after the penetration fittings have been installed correctly.

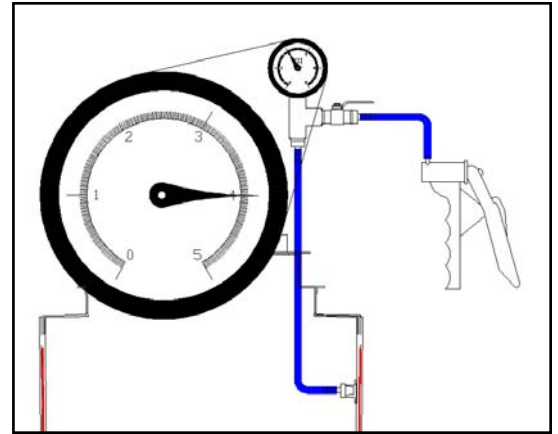
B - Air Integrity Test

Remove & save the SVA-BARB from the Gauge Assembly Schrader Valve

B.1 - Use test assembly and pressure sump to **4 PSI**. Close off with ball valve and resume other work. Allow **1 Hour** before recording pressure.

NOTICE
BRAVO
QUALITY
STANDARD

FIELD AIR INTEGRITY INSPECTION TEST : Hold pressure for a minimum of 1 hour for a Field Integrity Inspection Test. *After passing the pressure test, the sump should immediately be filled with interstitial monitoring fluid for the rest of the construction period.*



Hold pressure for a minimum of 1 hour for a Field Integrity Inspection Test. The Under Dispenser Containment Sump **PASSES** the integrity test if the Sump shows **NO** signs of continuous pressure decay. IF TEST PASSES - CONTINUE ON TO THE HYDROSTATIC FILL & INTEGRITY TEST, outlined in SECTION C.

IMPORTANT

S. Bravo Systems Highly Recommends an Extended pressure test.

B.2 - IF ANY LEAKS ARE FOUND!!

- a: On factory-installed gauge, **pressure** sump Interstice to **EXACTLY 4 PSI**.
- b: Close off interstice with ball valve and soap exterior of dispenser sump body, paying close attention to penetration fittings, edges and corners.
- e: Locate leak point(s) and mark with marker so you can locate it / monitor it.
- c: Repair or reinstall penetration fittings according to your doublewall penetration fitting manufacturers' Installation / Maintenance Instructions.
- d: **Occasionally...** Bravo Fiberglass Series Products may suffer mild damage in transit or field installation. Please take a close look at edges and corners.
- f: Abrade a 2" diameter area centered on the leak point until flow coat is gone and natural resin/fiberglass material can be seen. Dust with shop brush or compressed air and do not use shop towels or acetone. S. Bravo Systems recommends "**Smith Fibercast Adhesive Kit #8014**" to repair and reinforce Bravo Fiberglass products. Make sure area is completely dry and apply resin generously while pulling -2 PSI vacuum to suck adhesive into pinhole leak for 1 minute. For anything larger than pinhole leaks you must consult the factory.
- g: Let cure for a minimum of 4 hours @ or above 75° Fahrenheit.

B.3 - IF ANY REPAIRS ARE MADE, After Cure, Repeat Steps B.1 to B.2
FOR HYDROSTATIC MONITORING - PROCEED TO STEP B.4.

FOR CONTINUOUS VACUUM MONITORING - The B8000 and 9000 Series Sump cannot exceed 16" of Mercury. Follow your vacuum system manufacturer's installation instructions to install, seal, and monitor the doublewall system with vacuum. Continue on to Step E.

WARNING

Ensure that the fittings that are being used with the Vacuum Monitored System can withstand the amount of Vacuum your Monitoring System will generate.

Mandatory Hydrostatic Fill Instructions

IMPORTANT

FIELD AIR INTEGRITY INSPECTION TEST :

YOUR PRODUCT WARRANTY WILL BE VOID IF YOU DO NOT Hold pressure for a minimum of 1 hour for a Field Integrity Inspection Test. *After passing the pressure test, it is **HIGHLY RECOMMENDED** that the 4 PSI is maintained for as long as possible, up until the time of backfill.*

⚠ WARNING

YOUR PRODUCT WARRANTY WILL BE REVOKED IF YOU CHOOSE TO SKIP THE AIR INTEGRITY TEST OUTLINED IN YOUR COPY OF YOUR PRODUCT INSTALLATION INSTRUCTIONS. YOU *MUST* COMPLETE THE PRESSURE TEST PRIOR TO HYDROSTATIC FILLING OF THE SUMPS.

NOTICE

The Bravo Double Wall product's ship from the factory with a combination gauge factory-installed and held under 20" of mercury / vacuum.

B.4 - After passing the Field Air Integrity

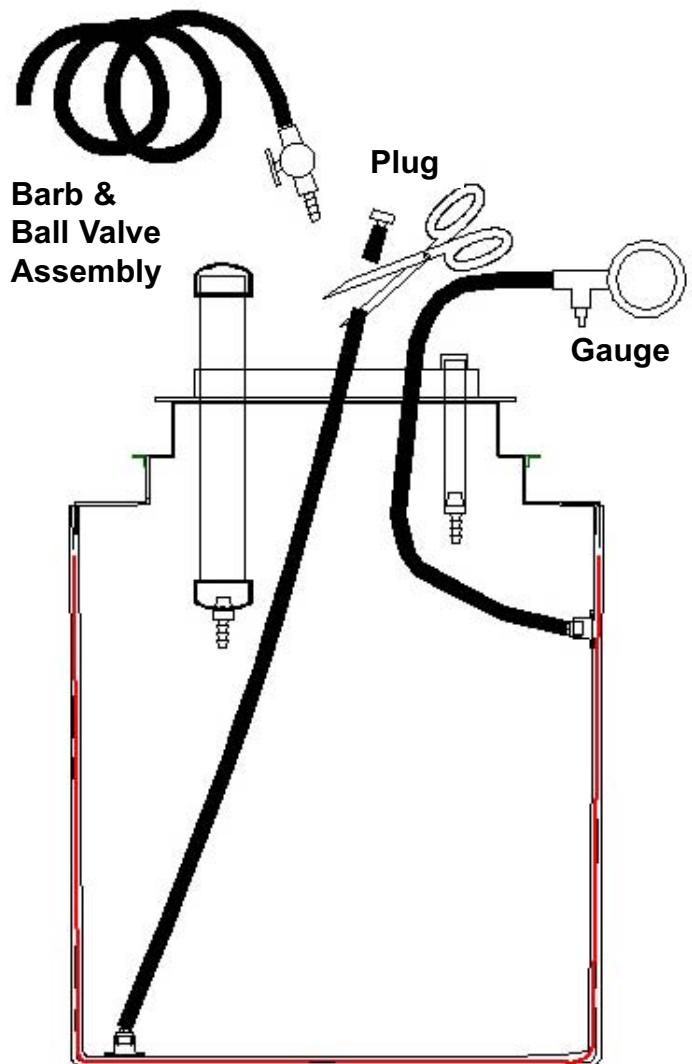
Test per the Installation Instructions and not one of the penetration fittings are showing signs of leaks, you must cut the pipe plug from the tubing connected to the bottom of the box. This assembly is provided by the factory and the connection at the bottom is not to be tampered with.

B.5 - Connect (newly cut) open end of tubing to barb-and-ball-valve assembly.

(sold separately)

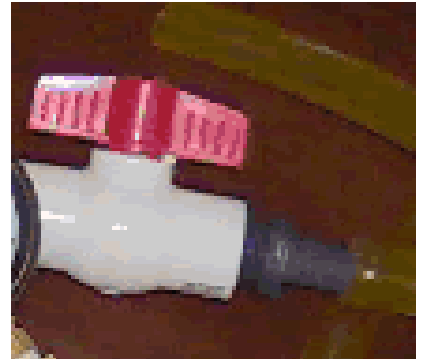
A 36" length of clear tubing is factory installed to the barb-and-ball-valve assembly.

After the penetration fittings have been installed, the vacuum has been lost. Pressure/soap tests should have been conducted prior to filling the sumps with liquid.



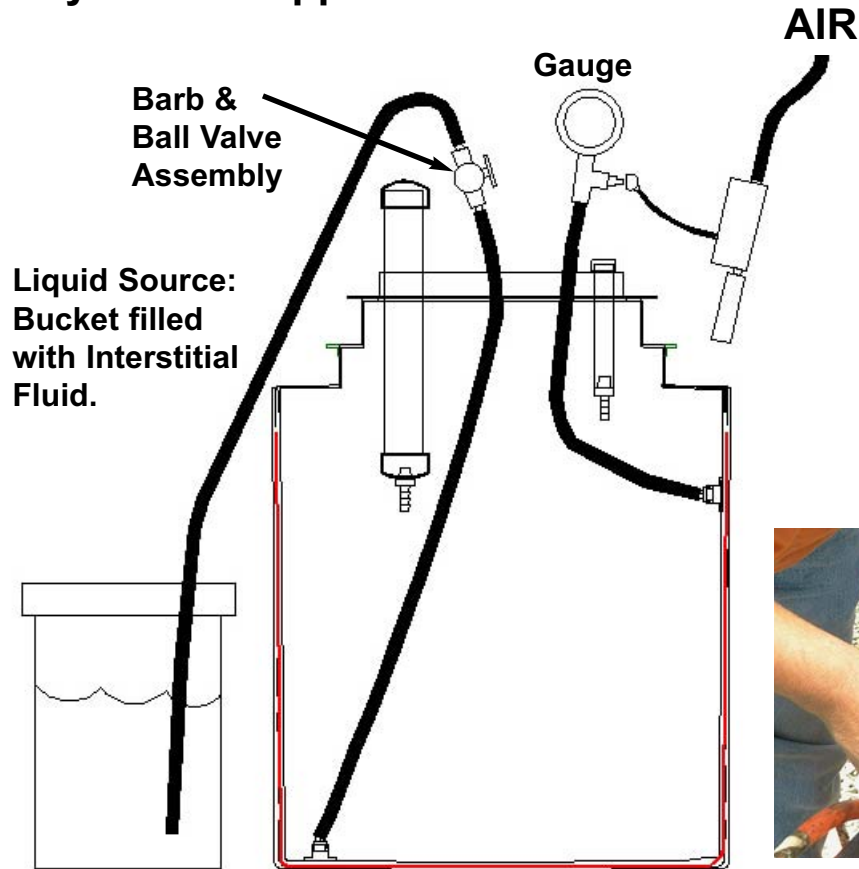
You must cut off the barbed plug and connect the provided Barb & Ball Valve Assembly. Close off the ball valve and prepare the Venturi Vacuum Generator and air supply to be used to fill Sump with liquid.

B.6 - Close off ball valve completely and prime the open ended 36" length of clear tubing with provided Interstitial Fluid. A liquid funnel is recommended.



⚠ WARNING

Filling Bravo Systems Double Wall Products with Brine (saline) solution will void the product warranty. You must use only Bravo-Supplied Interstitial Fluid.



B.7 - After filling the tubing all the way to the ball valve, insert open end into your liquid source. (5 gallon bucket filled with fluid is recommended.)

B.8 - When ready, pull vacuum using the Venturi Vacuum Assembly (sold separately) to 20 Inches of mercury. Then **SLOWLY** open ball valve and allow Interstitial fluid to flow freely into the system.

⚠ CRITICAL ...**SLOWLY** open ball valve...

B.9 - STOP PULLING VACUUM WHEN THE LIQUID IS 2-3 INCHES FROM THE VERY TOP OF THE INTERSTITIAL SPACE / TEST PORT. This is easily visible while filling the DoubleWall Product.

C) ADVANCED LEAK DETECTION PROCEDURE

A Bravo Systems Exclusive detection method

C.1 - Clear debris from the top open area of the DoubleWall Product and ensure that the interior walls are clean of debris and visible.

C.2 - Apply Vacuum to the sealed interstitial space with the Venturi Vacuum Assembly, and generate 20"-30" of vacuum for a *MINIMUM* of Five [5] Minutes.



**CHECK WITH YOUR EQUIPMENT MANUFACTURERS
INSTALLATION MANUALS FOR INSTALLATION
GUIDELINES AND/OR EQUIPMENT LIMITS REGARDING
VACUUM AND PRESSURE LEVELS.**

C.3 - As stated in your Instructions, the liquid level is deliberately not filled to the very top of the interstitial space. This pocket of air is necessary to visually check the topmost level of liquid all the way around the Sump for indication of a leak.

C.4 - Visually inspect the interior walls for signs of trailing (very small) bubbles floating to the top of the liquid level within the interstitial space.



These air bubbles are visible within the vertical and horizontal channels of the walls. For Tank Sumps look below the reducer.



On the top hat reducer of a Tank Sump, any bubbles will burp consistently.

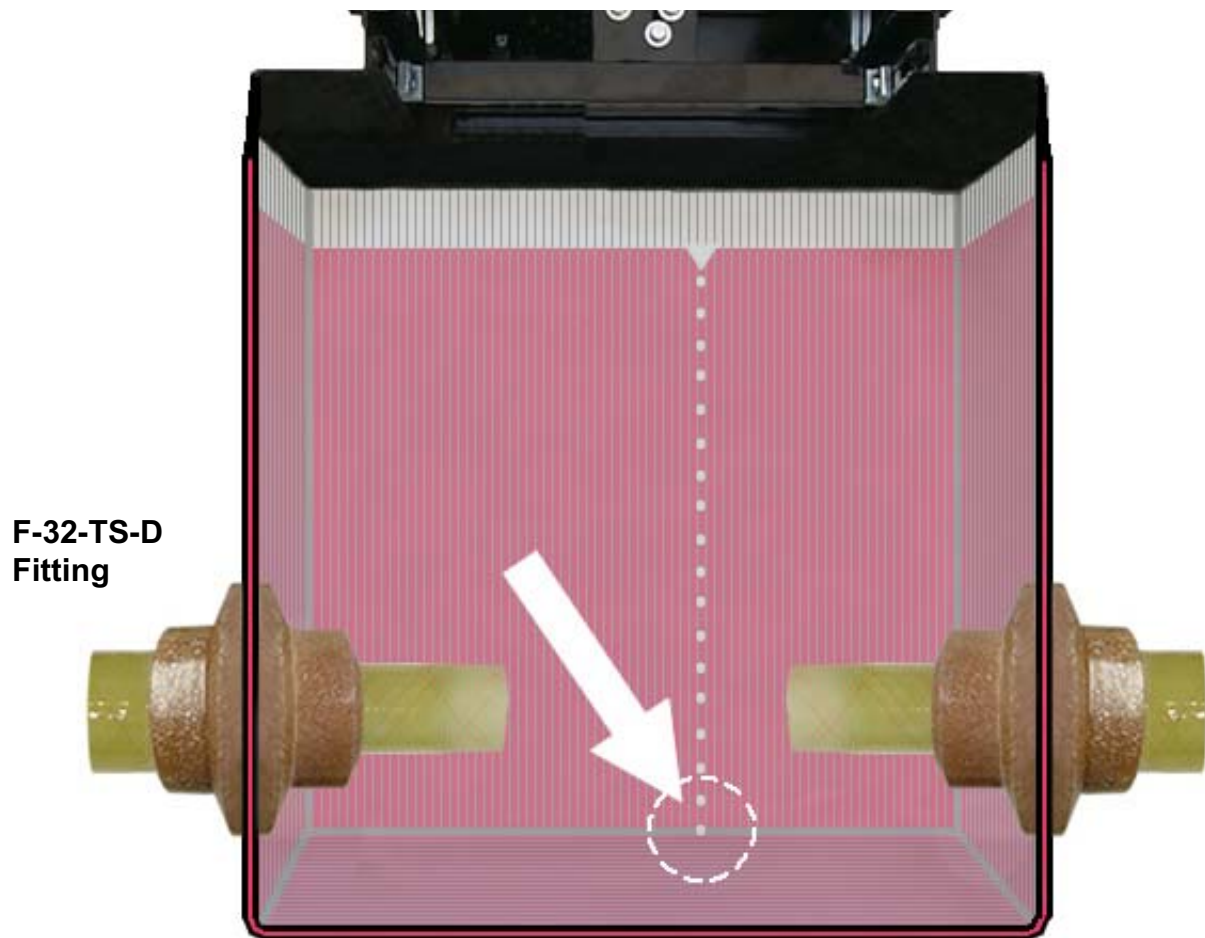


**PAY CLOSE AND SPECIAL ATTENTION TO FIELD-INSTALLED
PENETRATION FITTINGS and FRP JOINTS ON TANK SUMPS.
THESE ARE COMMON LEAK POINTS.**



Even though Bravo DoubleWall product corners and edges are thicker than the rest of the Containment sump, These areas are most susceptible to physical damage by Installing Contractors. You would do well to be extremely careful with these DoubleWall products while storing, moving, transporting and Installing these critical environmental components.

ALDP IN ACTION DIAGRAM



Here a leak is visible while a strong vacuum is pulled on the Interstitial space, forcing tiny air bubbles into the interstitial space to travel upwards. These streams of bubbles are easily spotted and can be traced down to its leak point or area.

⚠ CRITICAL

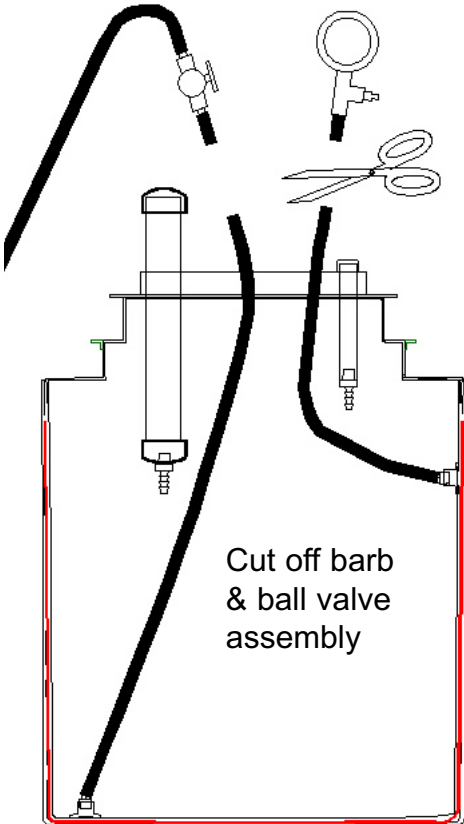
PAY CLOSE AND SPECIAL ATTENTION TO FIELD-INSTALLED PENETRATION FITTINGS and FRP JOINTS ON TANK SUMPS. THESE ARE COMMON LEAK POINTS.

⚠ CAUTION

Even though Bravo DoubleWall product corners and edges are thicker than the rest of the Containment sump, These areas are most susceptible to physical damage by Installing Contractors. You would do well to be extremely careful with these DoubleWall products while storing, moving, transporting and Installing these critical environmental components.

D) ATTACHING THE MANOMETER

D.1 - At this point, after the ALDP test, the interstice should still be holding vacuum. Maintain 20" of Vacuum and **slowly** open ball valve to let fluid into the interstice until it exits the venturi assembly. Visually check whether the fluid level reaches the top of the interstitial space.



D.2 - Cut the barb & ball valve assembly free by cutting the tubing just below it and **connect** open end of tubing to the bottom of the primary Manometer.

D.3 - Cut the Tee and Gauge assembly free by cutting the tubing just below it and **connect** open end of tubing to the bottom of the atmospheric manometer. adjust atmospheric manometer bracket so the manometer is in a position clear of obstructions.

D.4 - It is not uncommon for some interstitial fluid to be lost while connecting the tubing to the primary manometer. This is ok. Replace lost fluid by topping off manometer with interstitial fluid until the liquid level reaches just 2 inches below the top of manometer.

D.5 - Hydrostatic Field Integrity Test

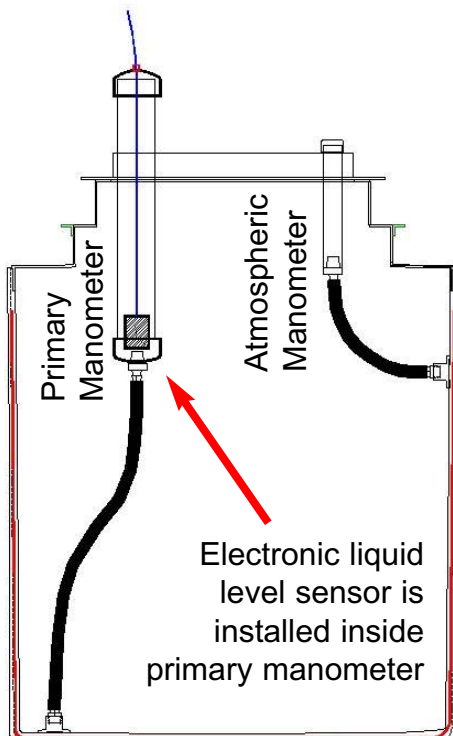
Mark the date and time of test and manometer level. **Allow 1 hour to look for a change in level.** No change in level or visible leaking means box passes test.

D.6 - If interstitial test fluid changes its level more than 1/4", visually look for any signs of leaking around fittings both interior and exterior to sump. Pay special attention to field installed fittings.

NOTE: If you have completed the Air Integrity Test without problems, and completed the Vacuum Hydrostatic Method of filling and still have problems with sump integrity, Contact the Factory.

D.7 - If interstitial monitoring is required, install a California Listed Hydrostatic Sensor (LG-113) using the sensor manufacturer's fitting. Run the sensor cable through the cap assembly. The electronic liquid level sensor should be set at the bottom of the primary (larger) manometer reservoir. Follow your leak detector manufacturer's installation instructions. Cover the manometer with cap and fasten with wire and lead crimp seal.

P-Traps OK since vacuum fill method leaves no room for air.



E-Upper Frame Installation

E.1 - Clean all surfaces. Apply a generous bead of provided Vulkem to the top edge of the Midframe. Be sure to apply Vulkem to the bolt holes. (Fig. E.1)

E.2 - Place the dispenser frame on top of the midframe and align the holes. Secure using provided truss head screws. Apply Vulkem to threads and between parts you are bolting to. **Apply Vulkem to the external gap between the midframe and upper frame.** After tightening bolts and/or nuts provided and upper frame is secure, apply generous amount of vulkem to seal the nut and threads.

E.3 - Loosen valve bolts on bracket to allow for adjustability for when you align dispenser and make valve connections.

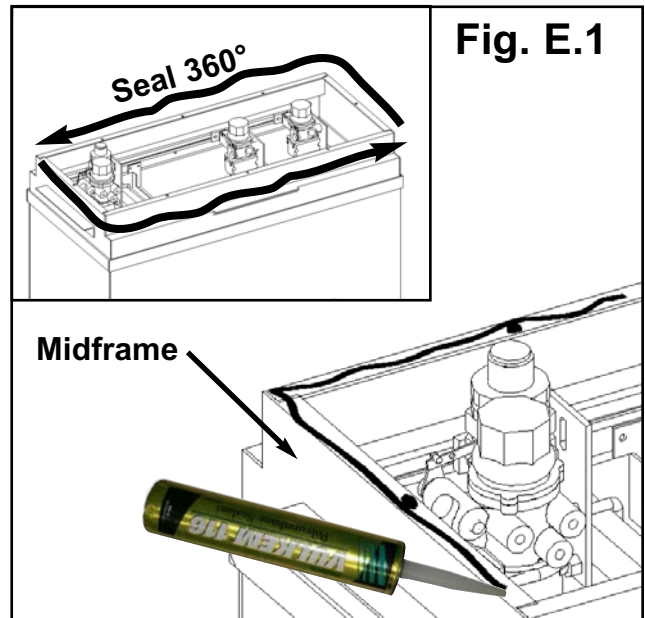


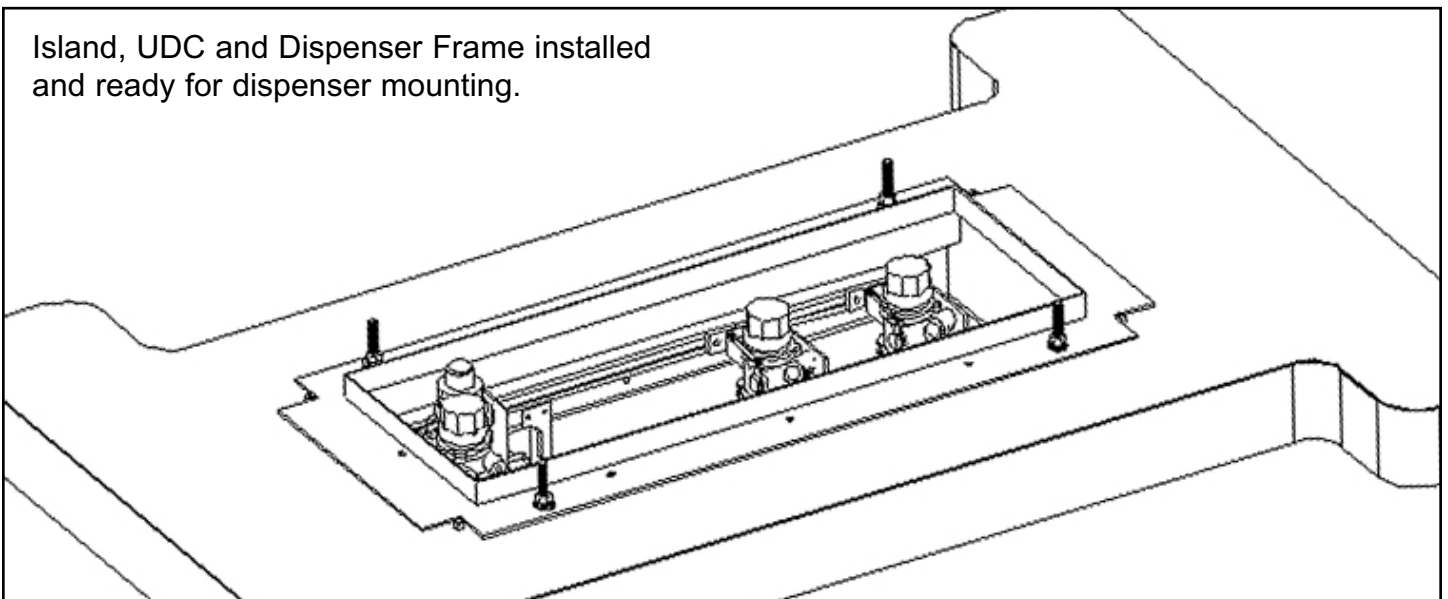
Fig. E.1



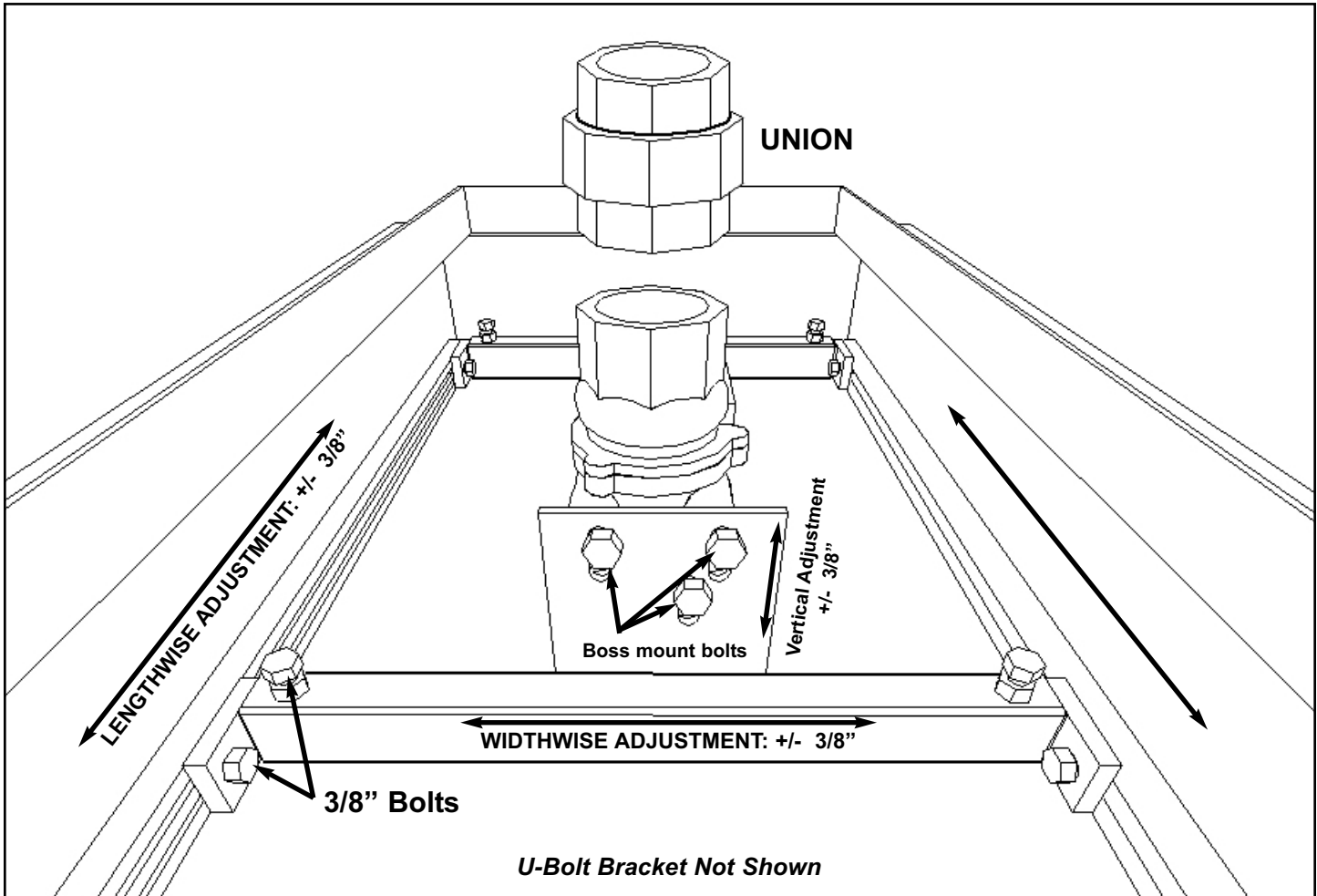
While it is common to bead silicone caulk or other sealant along the bottom edge of the dispenser paneling where it meets the island ***YOU SHOULD NOT DO THIS !!***

Bravo Systems dispenser frames and conversion frames are purpose built with a tailored Water Splash lip to prevent water from water entering the bottom seams of the dispenser and into the sump below. When you seal this edge, it will cause water from rain or heavy fog to accumulate on the interior of the dispenser and, when it runs down the interior of the dispenser panels, it will accumulate between your seal and our water splash lip, and drain into the sump causing an alarm. If you **MUST** seal this area on the traffic-facing sides of the dispenser, we suggest leaving a 2-3" gap on the ends to allow water drainage from within.

Island, UDC and Dispenser Frame installed and ready for dispenser mounting.



F - ADJUSTING THE PRODUCT SHEAR VALVE



F.1 - When the dispenser is anchored properly, the dispenser inlet or pump inlet should be plumb with the product shear valve. If the product shear valves are positioned correctly, connect them with a union.

F.2 - If the valve and inlet are not aligned, determine the distance necessary for the valve to be moved. To adjust the valve lengthwise and/or widthwise, loosen the 3/8" bolts on the bracket ends and on the bracket inserts. Align valve to dispenser inlet and retighten bolts.

F.3 - Connect dispenser riser pipe to the product shear valve. A nipple may be required to extend the dispenser riser.

IMPORTANT For rigid piping apply a UL classified pipe sealant for use and handling of gasoline and petroleum oils to externally threaded connections.

F.4 - Now retighten bolts and/or nuts attaching the shear valves to the bracket. Use provided washers.

F.5 - Connect electrical and vapor lines to the dispenser as required by local regulations. Always follow electrical and vapor component manufacturers' Installation Instructions.

BRAVO ELECTRICAL OFFSET FRAME INSTALLATION INSTRUCTIONS

IMPORTANT

Make sure all electrical conduits and piping are clear of any equipment or other obstructions in the dispenser.

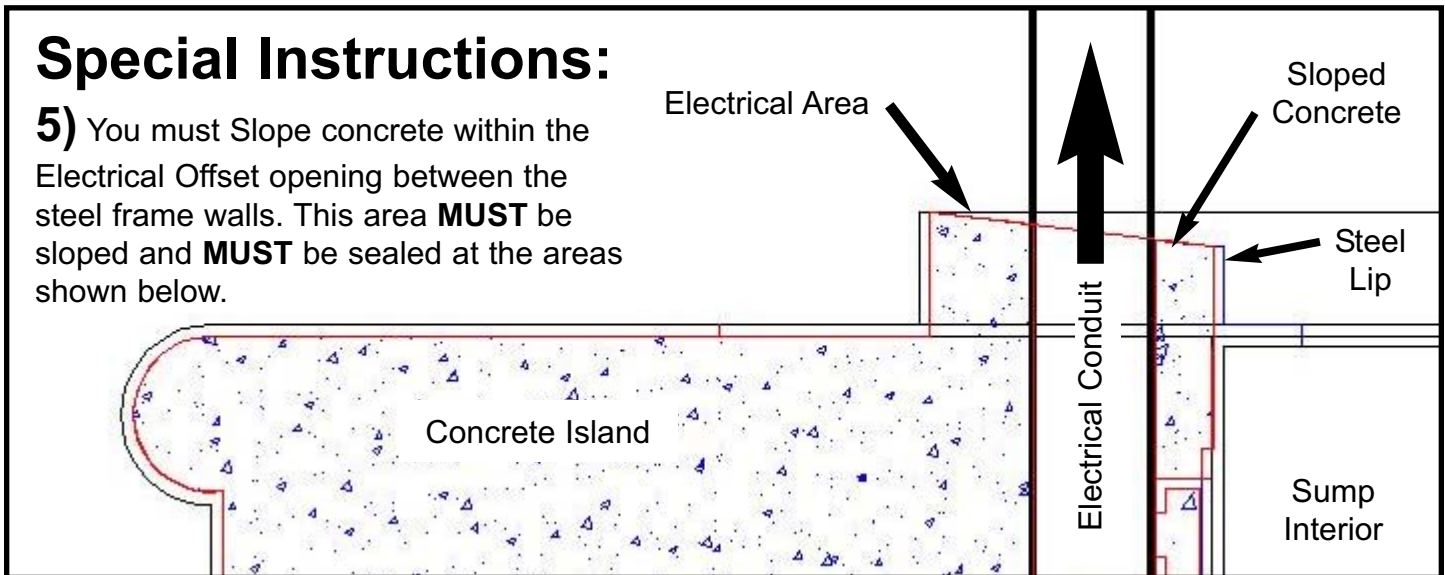
Physically check your hydraulic cabinet for obstructions before any installation begins.

BRAVO UNDER DISPENSER CONTAINMENT ELECTRICAL OFFSET INSTRUCTIONS

- 1) The Frame should be fully installed and sealed with provided Vulkem before conduit installation.
- 2) Make sure all electrical conduits (piping) are clear of any equipment in the dispenser. Physically check your hydraulic cabinet for obstructions before any installation begins.
- 3) Conduits must be run and tightly secured to the sump.
- 4) Pour concrete around outside of Dispenser Sump and within the conduit area.

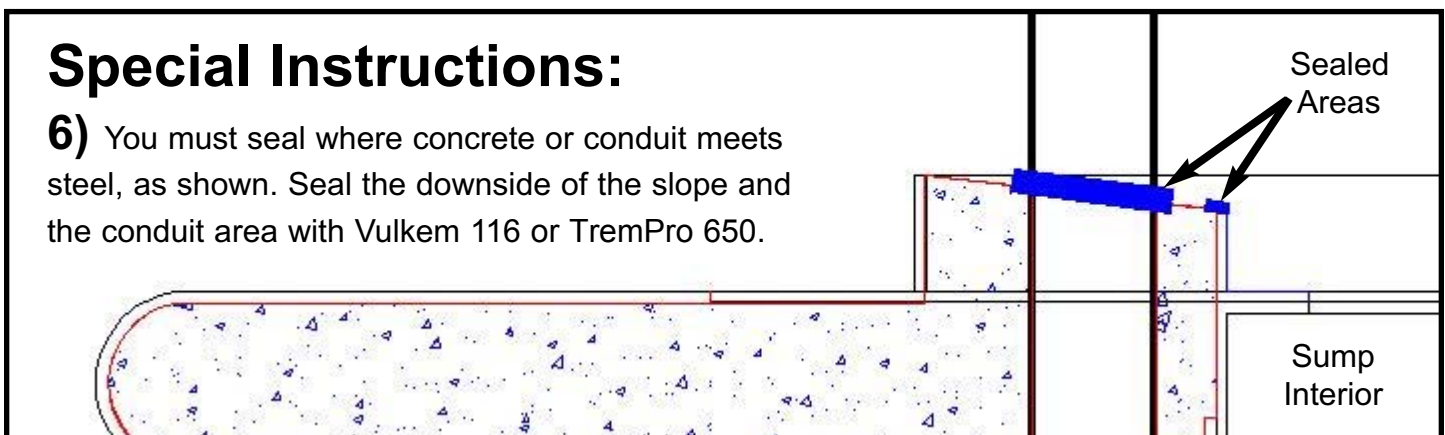
Special Instructions:

- 5) You must Slope concrete within the Electrical Offset opening between the steel frame walls. This area **MUST** be sloped and **MUST** be sealed at the areas shown below.



Special Instructions:

- 6) You must seal where concrete or conduit meets steel, as shown. Seal the downside of the slope and the conduit area with Vulkem 116 or TremPro 650.



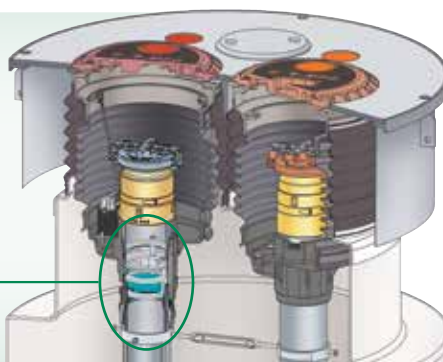


FSA400



61JSK

See page 57 for
ordering specifications
on the FSA-400 & 61JSK



OPW 400 and 500 Series Multi-Port Spill Containment Manholes

OPW Multi-Port Spill Containment Manholes provide spill containment for underground storage tank (UST) fill pipes and vapor recovery risers in a completely integrated single manhole package. Multi-ports are installed over the top of tank sumps to preserve future access to the tank top and to facilitate containment of tank bung fittings. OPW offers a vast array of standard multi-port configurations and options, in addition to an almost unlimited ability to provide custom solutions for virtually any spill containment application.

Model Descriptions

- ◆ **OPW 411 Series** – features a flush-mounted manhole lid and raised dual dam and groove spill container rings, with P2105 Buckets using OPW 1-2105 Style Slip-On 5-gallon containers. Base is standard 1" offset from center and can be used for 12", 14", 16" or wider riser spacing. Optional 1P-2105 Hand Pump available.
- ◆ **OPW 500 Series (511 / 521) EVR Multi-Port** – features a flush-mounted manhole lid and raised dual dam and groove spill container ring, with P511-EVR Buckets using OPW 1-2100 Style Thread-On Spill Containers. All Fill Ports in these spill containers feature an enhanced 1DK-2100-EVR vapor tight drain valve. The Vapor Return Spill Container features a permanent plug in the drain port as per EVR requirements. EVR

Multi-Port Thread-On Spill containers are available in Composite or Cast Iron bases with 5 gallon buckets. Drain Valve Spill Bucket & Plug Spill Bucket standard on Dual Ports, Drain Valve Spill Bucket standard on Single Port.

- ◆ **Required for EVR APPLICATIONS** – the FSA-400 Threaded Riser Face Seal Adaptor is installed on the fill pipe below the spill container to provide a true sealing for the drop tube flange on the 71SO overfill prevention valve. The 61SO and/or 71SO series valve is installed in the base of the OPW EVR spill container with the patent pending 61JSK jack screw device. This configuration allows liquid in the spill container to be drained directly into the drop tube, thereby isolating the drain valve from the tank ullage, eliminating a notorious leak point in previous systems.

Features

- ◆ **Contractor-Friendly Installation** – studded mounting ring simply bolts together inside the spill containment bucket. No need to align bolt holes in the manhole cover.
- ◆ **Raintight Service** – nitrile gaskets on the manhole and spill bucket mounting rings help prevent contamination of the sump area from surface water intrusion.
- ◆ **Highway 20 Load Rating** – the rugged diamond plate steel manhole covers, as well as the ductile iron (RT) or aluminum (SC) spill container covers meet H20 Load Rating requirements.
- ◆ **Spill Container and Manhole Positive I.D. System** – special recesses cast into spill container covers allow product I.D. tags to be attached to the lids. Matching bucket tags can be affixed to the inside of the spill container to prevent covers from getting switched.

- ◆ **Fill/Vapor Ports** – configurations are available to accommodate a single fill riser, dual ports for both a fill and vapor riser, and triple and quad ports for multiple fill and vapor risers. Ports can be supplied with or without containment buckets.
- ◆ **Port Configurations** – standard port locations match the popular riser spacings (16" or 24") and bung configurations on underground storage tanks. Custom port locations are easily accommodated. For riser spacings less than 16", old style buckets must be used.
- ◆ **CARB Certified** – 500 Series CARB EVR Approved Executive Order #VR-102
- ◆ **Manhole Cover Sizes** – standard bolt-down manhole cover diameters of 30" (76 cm), 37" (94 cm), 42" (107 cm) and 48" (122 cm) allow ample access to the sump area. Heavy-duty reinforced lid options are also available upon request.

- ◆ **Spill Container Cover Options** – standard spill container options include the patented OPW dam and groove raintight (RT) design and the watertight Sealable Cover (SC) "plumber's plug" design. The raintight cover features a finger-grip lifting facility and an integral seal. The sealable cover features a cam-operated mechanism that expands the seal against the vertical wall of the mounting ring. Both of these water-shedding covers are protected by raised mounting rings.
- ◆ **Fastener Options** – two types of fasteners are available to secure the manhole lid and monitoring port to mounting rings. Standard are 5/16"-18 hex head bolts. Optional are OPW Roto-Lock Fasteners. The OPW Roto-Lock system enables a secure, watertight connection without the need to locate threaded bolt holes on the mounting ring.
- ◆ **Powder Coated Rings & Covers** – available upon request.
- ◆ **Replacement Covers** – see Part Number Configurations at www.opwglobal.com.

Listings and Certifications



Look for this label for
authentic OPW EVR
Approved products.

CARB EVR Executive Order #VR-102
NYCFD Certified (6571 Series) #5053
Florida EQ-145

OPW Multi-Port Spill Containment Ordering Specifications

Product Number

6 **5** **2** **1** **EVR** **B** **—** **—** **1** **6** **4** **0** **4** **2**

(500 Series Only)
Do Not Enter "EVR"
for old style multiports

Bolt Down Model Number

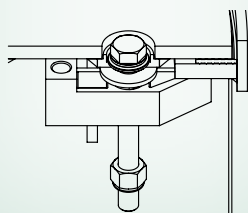
- 511EVR - HDPE Bellows, Thread-On Composite Base, Bolt-Down
- 561EVR - HDPE Bellows, Thread-On Cast Iron Base, Bolt-Down
- 411- HDPE Bellows, Slip-On Composite Base

Roto-Lock Model Number

- 521EVR - HDPE Bellows, Thread-On Composite Base, Roto-Lock
- 571EVR - HDPE Bellows, Thread-On Cast Iron Base, Roto-Lock
- 421- HDPE Bellows, Slip-On Composite Base with Roto-Lock Fasteners

Optional Roto-Lock Fastener System

The OPW Roto-Lock system enables a secure raintight connection without the need to locate threaded bolt holes on the mounting ring.

**Fill/Vapor Port Configurations**

(Dead Center)



(42" Minimum Cover)



(Offset Single Port)



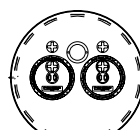
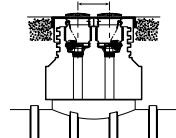
NOTE: 43 or 49 style Gauge Port must be used if a water shroud is to be used with L style

Replacement / Retrofit Manhole RP* - (No Ring / Skirt)

*RP cover orders must be accompanied by an up-to-date OPW field survey form.

Riser Spacing

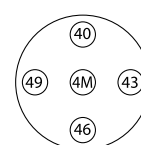
- 00 - Single Port (A Configurations)
- 16 - 16" Centers
- 24 - 24" Centers (42" Minimum Cover)
- Old Style - 14" Centers Available

**Riser Spacing****Dimensions**

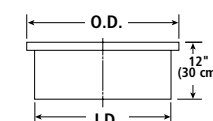
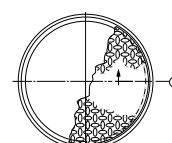
O.D.		I.D.		Thickness	
in.	cm	in.	cm	in.	cm
30	76	26 ⁵ / ₈	68	³ / ₈	0.952
37	94	34 ⁵ / ₈	88	³ / ₈	0.952
42	107	39 ⁵ / ₈	101	¹ / ₂	1.27
48	122	44 ⁵ / ₈	113	¹ / ₂	1.27

Gauge Port Location

- 00 - No Gauge Port
- 40 - Port at 12 o'clock
- 43 - Port at 3 o'clock
- 46 - Port at 6 o'clock
- 49 - Port at 9 o'clock
- 4M - Port in Center
- 7X - Flush Mount

**Port Location Example**

NOTE: 3M Style gauge port must be used with port in the center of "G" Style



- Manhole Cover Size*
30" (Configurations)
36 - 36" Retrofit Only
37 - 37"
39 - 39" Retrofit Only
42 - 42"
48 - 48"
* 42" is standard

EVR Multi-Ports

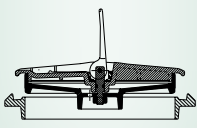
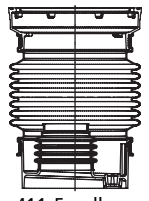
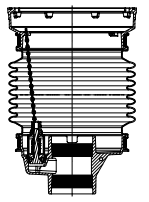
Thread-On Spill Containers are available in composite or cast iron bases with either 5 or 15-gallon buckets. (1) Drain Valve Spill Bucket & (1) Plug Spill Bucket standard on Dual Ports. Drain Valve Spill Bucket standard on Single Port.

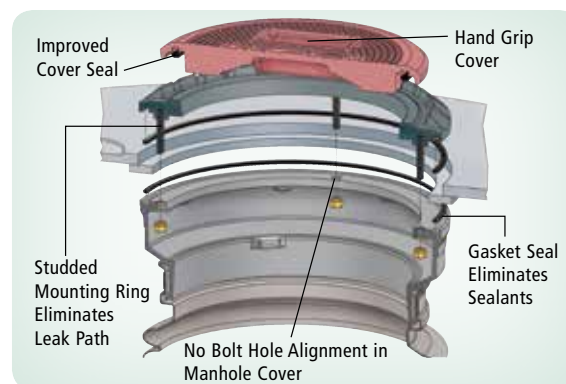
Optional Accessories

Part #	Description
6511-RB16	12" to 18" Riser Spacer
6511-RB24	20" to 26" Riser Spacer
H15144M	4" NPT Nipple, 4" Length
H12806M	4" NPT Nipple, 5" Length
VPN4X7	4" NPT Nipple, 7" Length
H15271M	4" NPT Nipple, 8" Length
H15268M	4" NPT Nipple, 10" Length
TC-400	4" Torque Cap for 4" Nipples
6521-XAR37	36", 37" OR 38" Roto-Lock Adaptor Ring to convert from Bolt Down
6521-XAR42	39" OR 42" Roto-Lock Adaptor to convert from Bolt Down
6521-XAR48	48" OR 52" Roto-Lock Adaptor to convert from Bolt Down

**6511-RB16 Riser Spacer****Torque Cap****4" Nipple**

UNLEADED

<u>R</u> <u>T</u>	<u>0</u> <u>5</u>	<u>2</u>	<u>W</u>
Spill Container Cover Style** RT - Raintight SC - Sealable Cover 00 - No Ring or Cover  RT - Raintight  SC - Sealable Cover (Lid in open position) ** Raintight cover is standard	Spill Container Capacity*** 00 - No Containment 05 - 5-Gallon 15 - 15-Gallon *** 5-Gallon bucket is standard  411-5-gallon (Slip-On)  511-5-gallon (Thread-On)	# Of Ports With Containment 0 1 2 3 4	Powder Coated Manhole Covers R - (1) Red W - (1) White Y - (1) Yellow



Current Replacement Parts

For New 500 Series EVR Multi-Ports 6511/6521, 6561/571 made post 11/2003

Part #	Description
P711-EVRDV	Replacement 5-Gallon Bucket, w/ Drain Valve
P711-EVRPL	Replacement 5-Gallon Bucket, w/Plug (Vapor)
P761C-EVRDV	Replacement 5-Gallon Bucket, C.I. Base w/Drain Valve
P761C-EVRPL	Replacement 5-Gallon Bucket, C.I.
P411-EVRPL	Replacement 5-Gallon Slip-On Bucket
P511-15-EVRDV	Replacement 15-Gallon Bucket, Comp Base, W/ Drain Valve
C05170M	Gasket, Spill Bucket & Mounting Ring
H15187M	Replacement Seal for New Rain Tight Cover

Note: New P711 & P761 EVR buckets will only work with New "EVR" Multi-Port covers. (made post 11/2003)

See page 53 for replacement rings and covers part numbers.

Old Style Replacement Parts

311/411/511/521 Series Multi-Ports

Note: 511/521 parts are for Multi-Ports made prior to Nov. 2003

Part #	Description
1DK-2100-EVR	511/521 Series Drain Valve
H13931M	Replacement Seal for SC Cover
P110-37G	34" - 37" Manhole Gasket
P110-42G	42" Manhole Gasket
P110-48G	48" Manhole Gasket
PROTO-LOCK	(1) Roto-Lock
P40-ROTOLID	Replacement 40 Style Gauge Port Roto-Lock Lid
H15240M	Replacement Gasket for 40 Style Gauge Port
P511-BK	Steel Cover Bolt & Gasket Kit, (4 each) for complete cover
P-30L	Replacement 30 Style Bolt Down Gauge Port Lid
P311-G	Bucket Top Flange Gasket
P511BUCKETBOLT	Spill Bucket RT Ring Kit (4) Bolts, Washers & Gaskets
H15238M	Replacement Gasket, 30 Style (Bolt Down)
1-2100-DSH	5 Gallon Fill Bucket with Composite Base & Drain Valve
1-2100-PSH	5 Gallon Vapor Bucket with Composite Base & Plug

Part #	Description
411 P2105BUCKET	411 Replacement Bucket 5-Gallon
Parts 1P-2105	H& Pump Kit for 411/P2105
P111-WTL	Replacement Cover (RT)
P111WTL-S	Replacement Seal for RT Cover
P311-1R	Replacement RT Ring
P311-14	RT Ring for 14" Riser
P511YBUCKET	Replacement Waste Oil Bucket
P511-DEVRBUCKET	Replacement 5-Gallon Bucket with Drain Valve
P511-G14	Bucket Top Flange Gasket for Notched Gasket Set
P511-PEVRBUCKET	Replacement 5-Gallon Bucket with Plug
P511C-DEVRBUCKET	Replacement 5-Gallon Bucket With C.I. Base & Drain Valve
511/521 P511C-PEVRBUCKET	Replacement 5-Gallon Bucket With C.I. Base & Plug
P511-DEVRB-14	Replacement 5-Gallon Bucket with Drain Valve 12" & 14" Risers
P511-PEVRB-14	Replacement 5-Gallon Bucket with Plug - 12" & 14" Risers
P511C-DEVRB-14	Replacement 5-Gallon Bucket W/ C.I. Base, Drain Valve for 12" & 14" Risers
P511C-PEVRB-14	Replacement 5-Gallon Bucket W/ C.I. Base, Plug, for 12" & 14" Risers
P521-GKIT	521 Multi-Port Complete Gasket Kit
P511-GKIT	511 Multi-Port Complete Gasket Kit

See page 73 for additional cover options.

Multi-Port Manhole Water Shroud System Option

The new OPW Multi-Port Manhole Water Shroud System (MPWS) is designed to completely isolate surface water and condensation from the tank sump. The MPWS features an injection-molded fiberglass Water Shroud lid that mates to a standard tank sump top hat reducer. This new bolt down design allows even compression to facilitate water-tight sump access. Shroud Boots isolate the spill container buckets using stainless steel band clamps, which provide a tight seal between the water shroud top hat and the underside of the spill container mounting rings. A 6" Sump Inspection Port is provided on each FRP Cover, allowing full inspection access through the Multi-Port Gauge Port. The OPW Water Shroud system is available in 33" and 36" models. The MPWS Water Shroud is sold separately.



**Rubber
Shroud Cap**



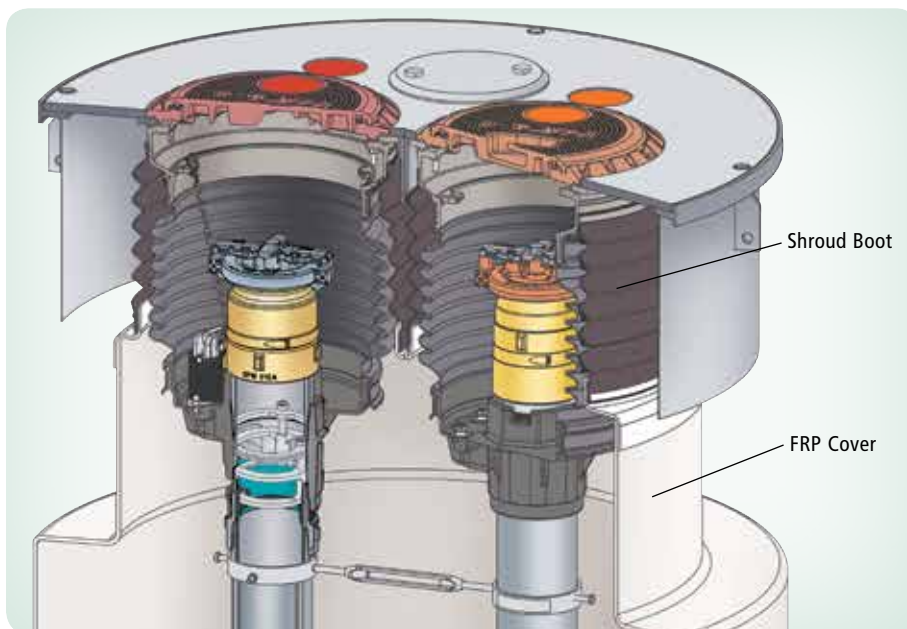
**Shroud Boots
Vinyl Plastisol**



**Sump Inspection
Port (SIP) - Clear
ABS Construction
Inspection Port**



**FRP Cover
Injection
Molded
Fiberglass
Cover**



Ordering Specifications

Part #	Description
MPWS-33	33" FRP Cover with (2) 5-gallon Water Shroud Boots & Clamps
MPWS-33BD	33" Bolt Down Water Shroud
MPWS-33BDD	33" Bolt Down Water Shroud for Diesel
MPWS-36	36" FRP Cover with (2) 5-gallon Water Shroud Boots & Clamps
MPWS-39BD	39" Bolt Down Water Shroud

Replacement Parts

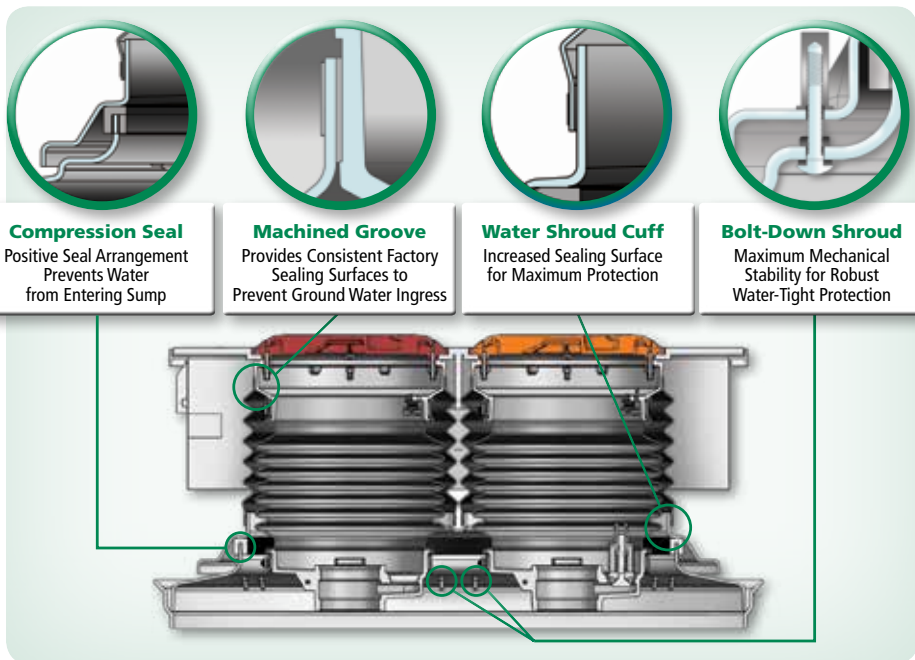
Part #	Description
C05223M	Shroud Boot Cap to Isolate One FRP Cover Port
D02571M	33" FRP Replacement Cover
D02586M	36" FRP Replacement Cover
D02575M	5-gallon Shroud Boot
H15188M	Lower Clamp for 5-gallon Shroud Boot
H15190M	Upper Clamp for 5 or 15-gallon Shroud Boot
SIP-6	6" Sump Inspection Port Sight Glass
SLPK	Gasket and Sealant Kit for Shroud
205181	Lower Clamp for 5 Gallon Shroud
205183	Upper Clamp for 5 Gallon Shroud

**Listings and
Certifications**

**Florida EQ-145
NY Approval**



NOTE: Part numbers do not include rings or covers. Rings and Covers must be ordered separately.



Bolt Down Manhole Water Shroud System Option

The Bolt Down Multi-Port Water Shroud (MPWS-BD) is designed to mate with the OPW Multi-Port. The MPWS-BD isolates surface water and condensation from Tank Sumps.

Shroud boots isolate the spill container buckets using stainless steel band clamps, providing a tight seal between the water shroud top hat and the underside of the spill container-mounting ring. Bolts on the outer edge of the shroud cover secure it to the top hat. Available in 33" and 39" Diameter Covers.

Ordering Specifications

Part #	Description
Bolt-Down FRP Top Hat Options	
203246	42" x 33" FRP Bolt-Down Top Hat
203272	42" x 39" FRP Bolt-Down Top Hat

Replacement Parts

Part #	Description
C05223M	Shroud Boot Cap to Isolate One FRP Cover Port
D02571M	33" FRP Replacement Cover
D02586M	36" FRP Replacement Cover
D02575M	5-gallon Shroud Boot
H15188M	Lower Clamp for 5-gallon Shroud Boot
H15190M	Upper Clamp for 5 or 15-gallon Shroud Boot
SIP-6	6" Sump Inspection Port Sight Glass
SLPK	Gasket and Sealant Kit for Shroud
205181	Lower Clamp for 5 Gallon Shroud
205183	Upper Clamp for 5 Gallon Shroud

New Ring and Cover Part Numbers

Raintight Covers	Raintight Cover Rings	Sealable Covers	Sealable Cover Rings
RTC-WHITE	RTR-WHITE	SC-WHITE	SCR-WHITE
RTC-RED	RTR-RED	SC-RED	SCR-RED
RTC-YELLOW	RTR-YELLOW	SC-YELLOW	SCR-YELLOW
RTC-GREEN	RTR-GREEN	SC-ORANGE	SCR-ORANGE
RTC-ORANGE	RTR-ORANGE	SC-BLACK	SCR-BLACK
RTC-BLACK	RTR-BLACK	SC-PLAIN	



Red Armor™ STP for Corrosive Environments



The ultimate survivor in your fueling infrastructure. The Red Jacket Red Armor series submersible turbine pumps are built to last in the harshest corrosive environments created by ULSD and ethanol blends.

Specifications:

In-sump protection includes powder coated packer manifold, stainless steel riser, nuts, springs, screws, check valve seat, eye bolt, and check valve guide

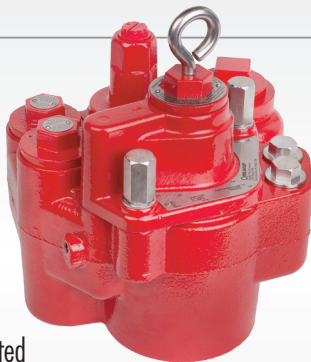
In-tank protection includes powder-coated discharge head, stainless column pipe and quick-set connector.

Specialty coating selected as the toughest performer across a battery of abrasion, immersion and impact standards.

Fuel Compatibility

- 100% Gasoline
- 100% Diesel
- 0-100% Biodiesel blends
- Jet fuel
- AVGAS
- Kerosene and Fuel Oil
- Methanol concentrations up to 100%
- Ethanol concentrations up to 90%
- MTBE, ETBE, or TAME concentrations up to 20%

Fits installations from 3 ½' to 19' in depth



Key Features:

- Specialty coating on all cast surfaces withstands acetic acid exposure to prevent pitting and deterioration over time
- Stainless Steel construction on all exposed surfaces ensures easy maintenance for the life of the pump

Built upon the same field proven Red Jacket STP platform with identical sizes as the long standing "Red Jacket" and the "Red Jacket AG" models.

4 Motor Sizes Available:

- ¾ HP, 60 Hz, 1 — phase
- 1 ½ HP, 60 Hz, 1 — phase
- X3 1 ½ HP, 60 Hz, 1 — phase, high pressure
- 2 HP, 60 Hz, 1 — phase

Siphon Ports:

- 2 available, ¼" NPT
- Optional stainless siphon cartridge for survivability in corrosive fuels (410151-002)

Compatible with check valve housing models:

- Standard VR ready check valve for PLLD (410153-001)

Vent Port: 1 available, ¼" NPT

Optional stainless steel trapper intake screen blocks corroded tank debris from clogging dispenser filters (144-194-5)



Quick Set Final Assemblies (Adjustable)

Horsepower	KW	Length	Floating Suction Adapter	Model Number	Part Number
0.75	0.56	72" - 102"		AGP75S1 RA1	410140-086
0.75	0.56	102" - 162"		AGP75S1 RA2	410140-087
0.75	0.56	162" - 222"		AGP75S1 RA3	410140-088
0.75	0.56	74.3" - 104.3"	•	AGP75S1 RA1 FSA	410140-089
0.75	0.56	104.3" - 164.3"	•	AGP75S1 RA2 FSA	410140-090
0.75	0.56	164.3" - 224.3"	•	AGP75S1 RJ3 FSA	410140-091
1.5	1.13	74.5" - 105"		AGP150S1 RA1	410141-088
1.5	1.13	104.5" - 165"		AGP150S1 RA2	410141-089
1.5	1.13	164.5" - 225"		AGP150S1 RA3	410141-090
1.5	1.13	76.8" - 107.3"	•	AGP150S1 RA1 FSA	410141-091
1.5	1.13	106.8" - 167.3"	•	AGP150S1 RA2 FSA	410141-092
1.5	1.13	166.8" - 227.3"	•	AGP150S1 RA3 FSA	410141-093
1.5	1.13	75.5" - 105.5"		X3AGP150S1 RA1	410143-083
1.5	1.13	105.5" - 165.5"		X3AGP150S1 RA2	410143-084
1.5	1.13	165.5" - 225.5"		X3AGP150S1 RA3	410143-085
1.5	1.13	77.8" - 107.8"	•	X3AGP150S1 RA1 FSA	410143-086
1.5	1.13	107.8" - 167.8"	•	X3AGP150S1 RA2 FSA	410143-087
1.5	1.13	167.8" - 227.8"	•	X3AGP150S1 RA3 FSA	410143-088
2	1.5	78.5" - 108.5"		AGP200S1-3RA1	410142-063
2	1.5	108.5" - 168.5"		AGP200S1-3RA2	410142-064
2	1.5	168.5" - 228.5"		AGP200S1-3RA3	410142-065
2	1.5	80.8" - 110.8"	•	AGP200S1-3RA1 FSA	410142-066
2	1.5	110.8" - 170.8"	•	AGP200S1-3RA2 FSA	410142-067
2	1.5	170.8" - 230.8"	•	AGP200S1-3RA3 FSA	410142-068

Fixed-Speed, single phase STP assemblies. Length measured from the top of the eyebolt to the bottom of the motor inlet. All 208/230 Volts.

Fixed Length Final Assemblies (Non-Adjustable)

Horsepower	KW	Length	Floating Suction Adapter	Model Number	Part Number
0.75	0.56	42" - 132"		AGP75S1 RA	410166-073
0.75	0.56	133" - 168"		AGP75S1 RA	410166-074
0.75	0.56	169" - 222"		AGP75S1 RA	410166-075
0.75	0.56	44.3" - 134.3"	•	AGP75S1 RA FSA	410166-076
0.75	0.56	135.3" - 170.3"	•	AGP75S1 RA FSA	410166-077
0.75	0.56	171.3" - 224.3"	•	AGP75S1 RA FSA	410166-078
1.5	1.13	45" - 135"		AGP150S1 RA	410173-073
1.5	1.13	136" - 171"		AGP150S1 RA	410173-074
1.5	1.13	172" - 225"		AGP150S1 RA	410173-075
1.5	1.13	47.3" - 173.3"	•	AGP150S1 RA FSA	410173-076
1.5	1.13	138.3" - 173.3"	•	AGP150S1 RA FSA	410173-077
1.5	1.13	174.3" - 227.3"	•	AGP150S1 RA FSA	410173-078
1.5	1.13	46" - 135"		X3AGP150S1 RA	410175-085
1.5	1.13	136" - 171"		X3AGP150S1 RA	410175-086
1.5	1.13	172" - 225"		X3AGP150S1 RA	410175-087
1.5	1.13	48.3" - 137.3"	•	X3AGP150S1 RA FSA	410175-088
1.5	1.13	138.3" - 173.3"	•	X3AGP150S1 RA FSA	410175-089
1.5	1.13	174.3" - 227.3"	•	X3AGP150S1 RA FSA	410175-090
2	1.5	49" - 138"		AGP200S1-3RA	410174-049
2	1.5	139" - 174"		AGP200S1-3RA	410174-050
2	1.5	174.9" - 227.9"		AGP200S1-3RA	410174-051
2	1.5	51.3" - 140.3"	•	AGP200S1-3RA FSA	410174-052
2	1.5	141.3" - 176.3"	•	AGP200S1-3RA FSA	410174-053
2	1.5	177.2" - 230.2"	•	AGP200S1-3RA FSA	410174-054

Five standard length Stainless Steel Risers are available. Fixed length pumps may not be returned to stock.



Standard vs. Upgraded Red Armor Components



To learn more, contact us at 888.561.7942
or visit www.redjacket.com

OPW 7150 Overfill Prevention Valves

The CARB-certified OPW 7150 vapor-tight Overfill Prevention Valve is designed to prevent the overfill of underground storage tanks by providing a positive shut-off of product delivery. The shut-off valve is an integral part of the drop tube used for gravity filling. The OPW 7150 allows easy installation (without breaking concrete) and requires no special manholes.

The OPW 7150 is a vapor-tight two-stage shut-off valve. When the liquid level rises to about 95% of tank capacity, the valve mechanism is released, closing automatically with the flow. This reduces the flow rate to approximately 5 gpm through a bypass valve. The operator may then stop the filling process and disconnect and drain the delivery hose. As long as the liquid exceeds the 95% level, the valve will close automatically each time delivery is attempted.

If the delivery is not stopped and the liquid rises to about 98% of tank capacity, the bypass valve closes completely. No additional liquid can flow into the tank until the level drops below a reset point.

NOTE: The 7150 Overfill Prevention Valve can be adjusted to shutoff at any desired tank capacity. Please contact the Authority Having Jurisdiction (AHJ) and review local, state, and national codes to determine the regulatory requirements governing shut-off capacity in your region, as well as take into account other considerations such as extreme tank tilt. In all cases, the upper tube must protrude into the tank at least 6 1/2" to ensure that the valve can shut off flow into the tank completely before the top of the tank is wetted as per EPA requirements.

7150 Instruction Sheet Order Number: **H15524PA**

Listings and Certifications



Materials

Valve Body: Cast aluminum
Float: Nitrile rubber, closed cell foam
Valve: Aluminum
Seals: Viton®
Upper & lower Drop Tube: Aluminum
Plastic parts: Acetal
Hardware: Stainless steel

Features

- ◆ **Simple, Easy and Quick Installation** – no excavation or special manholes required.
- ◆ **Economical** – costs a fraction of expensive, complicated and difficult-to-install valves.
- ◆ **Furnished Complete** – supplied with new upper and lower drop tubes, mounting hardware and thorough instructions for quick job site time.
- ◆ **Completely Automatic Operation** – no prechecks to perform, no resets and no overrides to be broken or abused.
- ◆ **No Pressurization of the Tank** – operates directly from liquid level.
- ◆ **Will Accept a Dipstick for Gauging**



Important

In order to prevent product spillage from the Underground Storage Tank (UST), properly maintained delivery equipment and a proper connection at the tight-fill adaptor are essential. Delivery personnel should be managed and trained to inspect delivery elbows and hoses for damaged and missing parts. They should always make certain there is a positive connection between the adaptor and elbow. If delivery equipment is not properly maintained, or the elbow is not securely coupled to the adaptor, a serious spill may result when the OPW 7150 closes, causing a hazard and environmental contamination.

NOTE: The OPW 7150 is designed for use on tight-fill gravity drop applications only. Do not use for pressure fill applications.

- ◆ **Retrofits Directly** – for both new and existing tanks with 4" fill risers.
- ◆ **Quick Drain Feature** – automatically drains hose when head pressure is relieved.
- ◆ **Best Flow Rate in The Industry***

* OPW Test Lab results

Advantages of Overfill Prevention Compared to Overfill Warning Systems:

- ◆ **Completely Automatic Operation** – does not rely on the alertness or speed of response of the delivery attendant for certainty of overfill prevention.
- ◆ **Keeps the Top of UST "Dry," per EPA Requirements** – eliminating possible leaks at loose bung fittings and the need for double containment on vent lines.
- ◆ **Does Not Rely on Pressure in the UST to Stop Flow** – allowing faster fill times and reducing spill risk.
- ◆ **Speeds Delivery Operations** – product flows unimpeded into the tank until the hose "kick" that accompanies the valve shut-off provides a clear signal that the liquid has reached the shut-off level.
- ◆ **Simple and Inexpensive Installation** – in both two-point and coaxial fill applications, no additional excavation, manholes or vent piping are required.



Look for this label for authentic OPW EVR Approved products.
OPW 7150M is EVR Approved for E85

Raising The Standard In Overfill Prevention

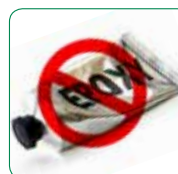
From the company that brought you the industry standard OPW 61SO, OPW raises the standard with the introduction of the **71SO Overfill Prevention Valve** – breakthrough innovation that takes overfill prevention to a whole new level of overfill perfection.

- **Eliminates curing issues due to hot or cold temperatures**
- **Easier, quicker, installation**
- **Higher quality, more reliable installation**
- **Lower costs**
- **Greater protection against fugitive emissions and pressure decay**
- **Fastest flow rate in the industry**

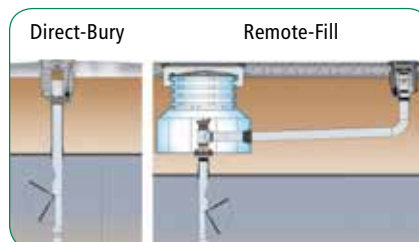
The new 71SO is a two-stage, positive shut-off valve, providing completely automatic operation with no pre-checks to perform, no resets, and no overrides to be broken or abused. The valve closes when the tank level rises to 95% capacity and provides a special bypass valve so the tank can be filled to a maximum capacity of 98%. The 71SO is available for direct-bury and remote applications.



All Vapor-Tight Overfill Valves are CARB EVR Certified



No Epoxy Sealants Required!



Replacement Parts

Part #	Description
61SOK-0001	Replacement Float Kit
H11931M	Drop Tube Seal
H14840M	Lower Tube Seal
C05117	Lower Tube
D02508	Vapor-Tight Inlet Tube
C03899M	Non-Vapor-Tight Inlet Tube
D02508	Vapor-Tight Inlet Tube (Blue)

71SO Ordering Specifications

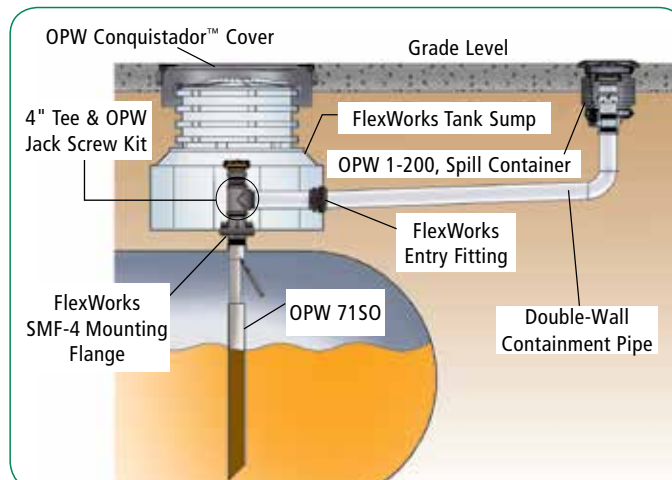
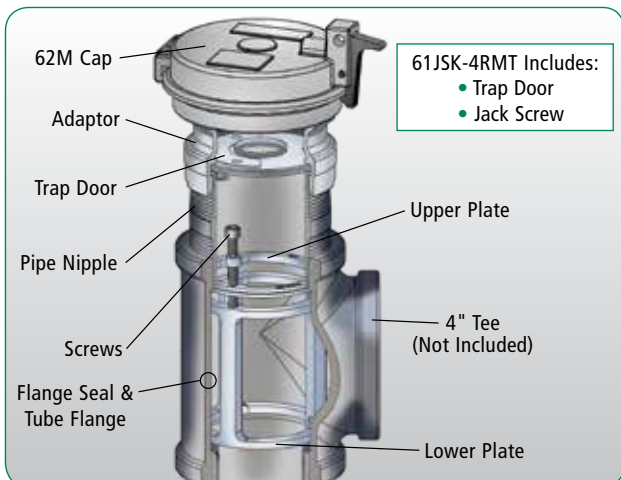
Product #	Description	Bury Depth		Tank Diameter		Upper Tube Length		Lower Tube Length		Overall Length		Max. Riser Length		Max. Nominal Tank Dia.		Max. Actual Tank Dia.		Weight	
		ft.	m	ft.	m	in.	m	in.	m	in.	m	in.	m	in.	m	in.	m	lbs.	kg
71SO-400CB*	Vapor-Tight Overfill Valve	5	1.5	8	2.4	60	1.5	83	2.1	155 ³ / ₄	3.9	53 ¹ / ₂	1.4	96	2.4	107	2.7	16	7
71SO-410CB*	Vapor-Tight Overfill Valve	10	3.0	10	3.0	120	3.1	102	2.6	234 ³ / ₄	5.9	113 ¹ / ₂	2.9	120	3.1	126	3.2	25	11
71SO-420CB*	Vapor-Tight Overfill Valve	10	3.0	12	3.6	120	3.1	126	3.2	258 ³ / ₄	6.5	113 ¹ / ₂	2.9	144	3.7	150	3.8	26	12
71SO-4000	Non Vapor-tight Overfill Valve	5	1.5	8	2.4	60	1.5	83	2.1	155 ³ / ₄	3.9	53 ¹ / ₂	1.4	96	2.4	107	2.7	16	7
71SO-4010	Non Vapor-tight Overfill Valve	10	3.0	10	3.0	120	3.1	102	2.6	234 ³ / ₄	5.9	113 ¹ / ₂	2.9	120	3.1	126	3.2	25	11
71SOM-412C	E85 Vapor-tight Overfill Valve	10	3.0	10	3.0	120	3.1	102	2.6	234 ³ / ₄	5.9	113 ¹ / ₂	2.9	120	3.1	126	3.2	38	17.3
71SO-TOOLCT	71SO Installation Tool																	2.5	1
61JSK-4RMT	Jack Screw Kit For Vapor-Tight Remote Applications																	1.5	0.7
61JSK-4410	Jack Screw Kit For Composite Base Spill Bucketst																	1	0.5
61JSK-44CB	Jack Screw Kit For Cast Iron Base Spill Buckets																	1	0.5
71JSK-4RMT	E85 Jack Screw for Remote-Fill Applications																	1	0.5
71JSK-44MA	E85 Jack Screw for Direct-Fill Applications																	1.5	0.7

61JSK-4410 AND 61JSK-44CB Instruction Sheet Order Number: **H15289M**

*ULC B100 Compatible

71SO Vapor-Tight Remote Fill

The OPW Vapor-Tight Remote Fill is designed for two-point vapor-tight remote-fill applications, where the fill point is not directly over the UST. A CARB approved vapor-tight 71SO overfill valve is installed in the sump through a riser pipe directly over the tank.



TLS-450^{PLUS}



VEEDER-ROOT

Proven Wet Stock Management

The Veeder-Root **TLS-450^{PLUS}** automatic tank gauge provides the most comprehensive site data for advanced fuel asset management.

Combining industry leading algorithms with a proven reputation for compliance and reliability, the **TLS-450^{PLUS}** keeps your site running profitably.



Proven Protection



Proven Precision



Proven Profit



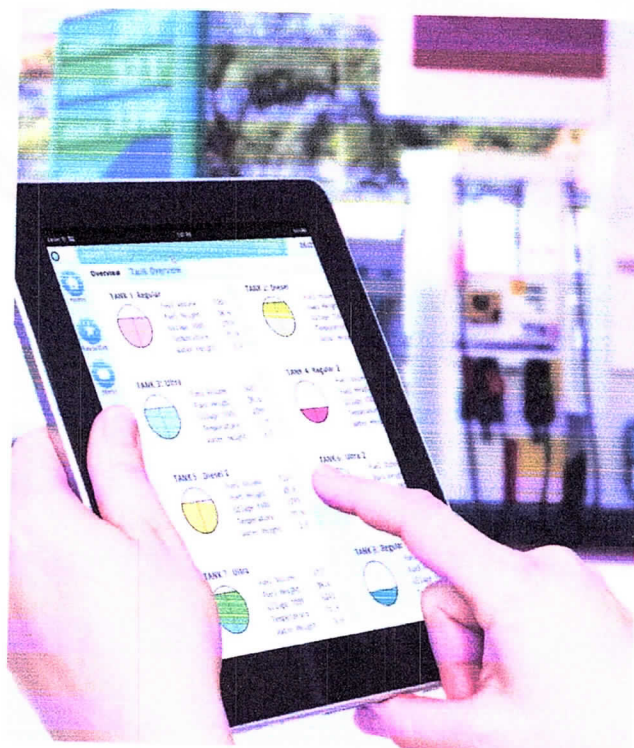
Proven Partner



Proven Protection

Maintain control of your fueling operations using the automated compliance and site management solutions of the **TLS-450^{PLUS}** to always know the status of your business.

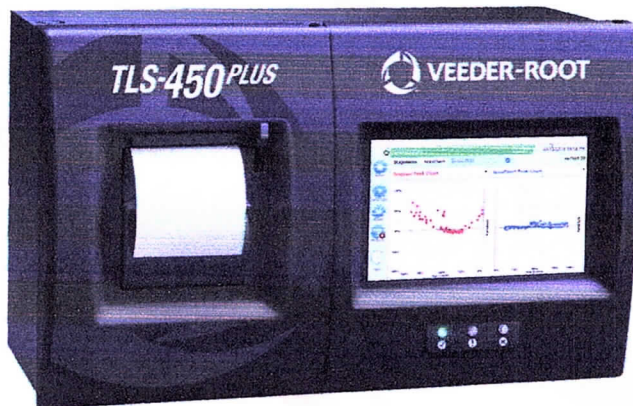
- **Inspector ready compliance** – easy access to all federal, state, and local agency reports
- **Web-enabled remote connectivity** – monitor your site performance, receive real-time alerts, and access compliance data via web-enabled devices—anytime, anywhere
- **Data protection** – store up to 3 years of data and protect it from power outages, battery replacements or software upgrades
- **Security controls** – partitioned Ethernet networks, customized user access, and Secure Socket Layer (SSL) encrypted connectivity to keep your network safe



Remote connectivity allows users to access site data and receive alerts anytime and anywhere on any web enabled device.

Proven Precision

Remote connectivity on the **TLS-450^{PLUS}** allows access to accurate wet stock management and leak detection information at all times.



- **AccuChart** – reconcile tank tilt, dents and out-of-round tank conditions using advanced tank chart calibration technology and have the most precise picture of your inventory – all day, every day
- **Business Inventory Reconciliation (BIR)** – improve business decisions by combining meter transaction sales with AccuChart to better understand site variance
- **Continuous Statistical Leak Detection (CSLD)** – avoid site shutdown for compliance with the robust 0.2 gph (0.76 lph) monthly tank leak detection
- **Enhanced performance** – significant improvement in system response time over the TLS-450 with 5x processing speed, 8x memory and 2x data storage
- **Data logger** – built in data logging enables improved data transfer for wet stock management
- **Timed Sudden Loss Detection** – monitor changes in inventory due to theft during quiet periods via programmable scheduling

Proven Partner

Veeder-Root products are the highest quality wet stock management solutions available with a long history of reliability and precision. Our products help achieve results that matter and the protection your business deserves.

Proven Profit

Operate at peak efficiency with the **TLS-450^{PLUS}** monitoring system, reducing inventory shortages and site downtime.

- **Remote software download** – hassle free access to software updates
- **Logistics visibility** – increase inventory management awareness to avoid runouts and haulbacks
- **Faster problem resolution** – diagnose and troubleshoot issues remotely to understand ongoing situations better and avoid unnecessary dispatch
- **Customized alarms** – preprogram alarm alerts to provide scenario specific information to predetermined individuals
- **Graphical User Interface** – designed with features for ease of use including workflow wizard, context sensitive help and user defined favorites

TLS-450^{PLUS} (UL/cUL) Part Numbers

Application Software

333545-001 **TLS-450^{PLUS}** application software

Hardware: Includes a 2-port RS-232 Module, a 3-Port Ethernet Module and a 2-Port USB Module

860091-301 **TLS-450^{PLUS}** touch screen console with printer

860091-401 **TLS-450^{PLUS}** touch screen console without printer

860091-001 **TLS-450^{PLUS}** console without display, without printer

Interface Modules

332812-001 Universal sensor/probe interface module

332813-001 Universal input/output interface module

333564-001 10-amp controller module

Communication Modules

332818-001 Sitefax interface module

332866-001 Single RS-232 interface module

332868-001 RS-232 dual interface module

332870-001 RS-232/RS-485 dual interface module

Feature Enhancement Software

332972-006 Continuous Statistical Leak Detection (CSLD)

332972-007 Ultimate Testing Line Leak Detection for DPLD

332972-008 Risk Management Line Leak Detection for DPLD

332972-009 Base Compliance Line Leak Detection for DPLD

332972-018 Timed Sudden Loss Detection

333149-001 BIR/AccuChart **TLS-450^{PLUS}** EDIM factory installed

333580-001 BIR/AccuChart **TLS-450^{PLUS}** CDIM factory installed

333581-001 BIR/AccuChart **TLS-450^{PLUS}** LVDIM factory installed

333582-001 BIR/AccuChart **TLS-450^{PLUS}** MDIM factory installed

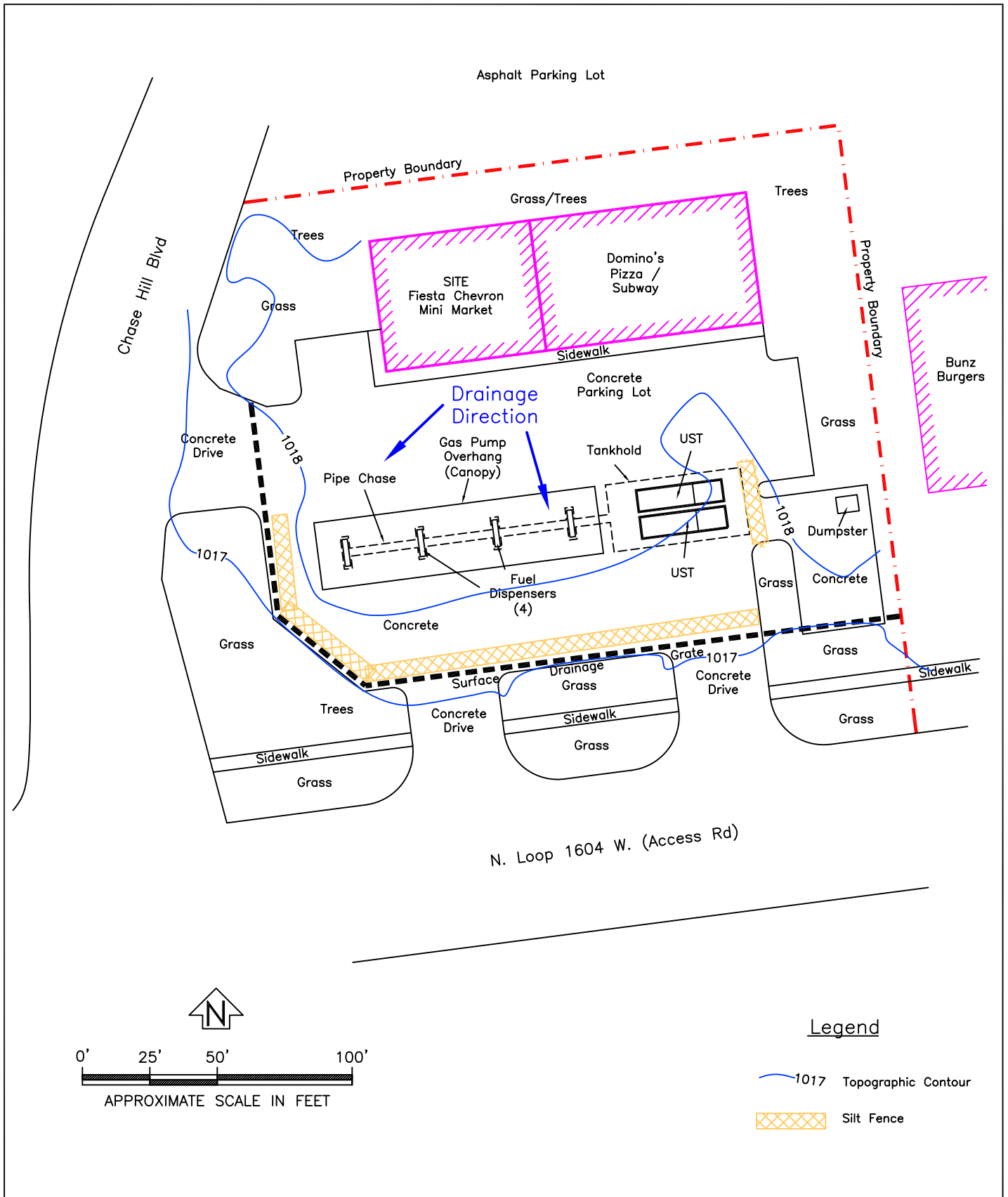
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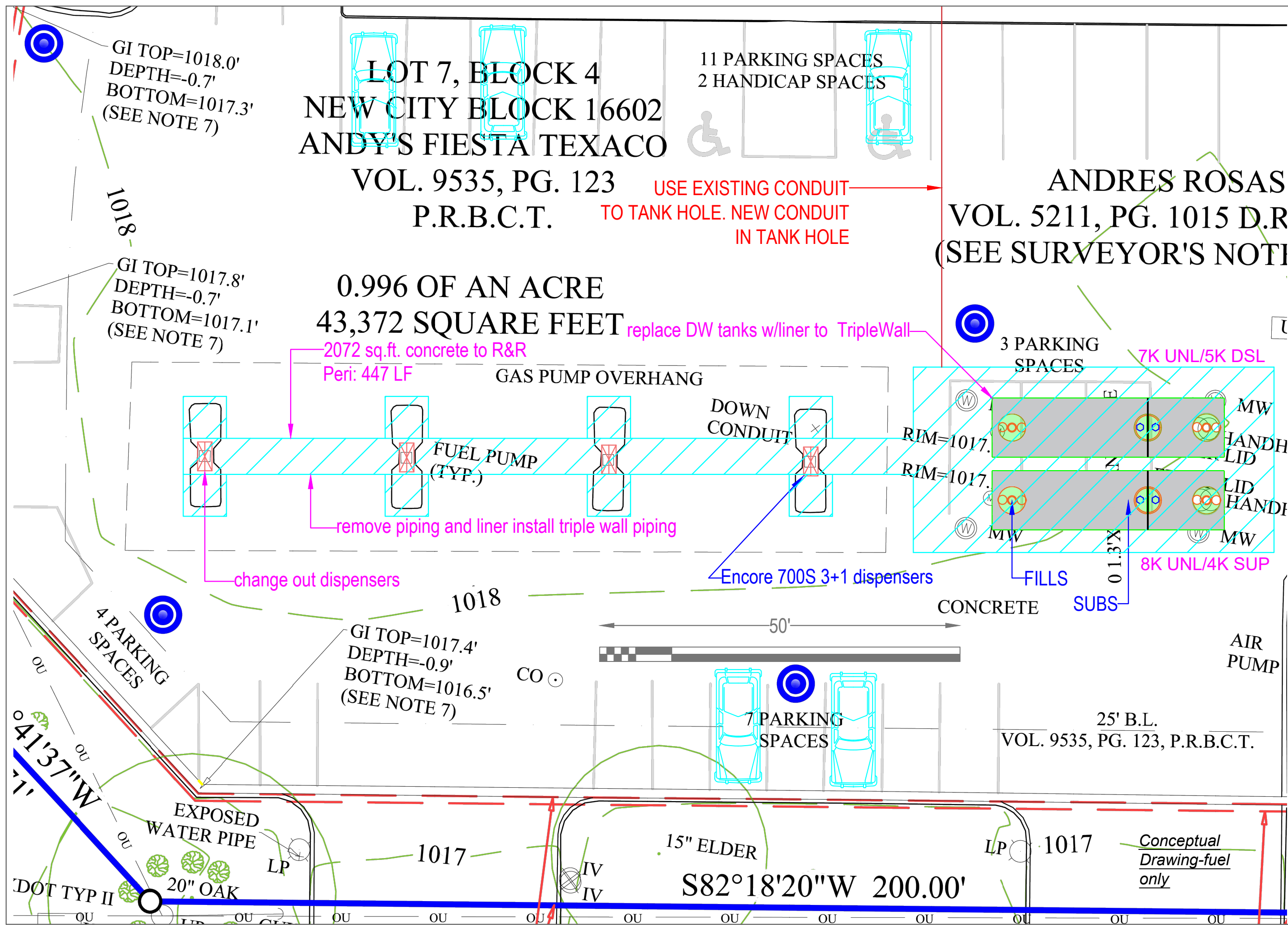
All information contained in this document is subject to change without notice.

TCEQ-0583

Site Map and Detailed Plan



04/18/23	Site Map / Detailed Plan	1023-SA-Other
GEO STRATA	Fiesta Mini Market	TCEQ-0583
	6835 N. Loop 1604 W., San Antonio, TX.	



LOT 7, BLOCK 4
NEW CITY BLOCK 16602
ANDY'S FIESTA TEXACO
VOL. 9535, PG. 123
P.R.B.C.T.

11 PARKING SPACES
2 HANDICAP SPACES

ANDRES ROSAS
VOL. 5211, PG. 1015 D.R.
(SEE SURVEYOR'S NOTI

0.996 OF AN ACRE
43,372 SQUARE FEET

replace DW tanks w/liner to TripleWall

2072 sq.ft. concrete to R&R
Peri: 447 LF

GAS PUMP OVERHANG

FUEL PUMP
(TYP.)

DOWN
CONDUIT

3 PARKING
SPACES

7K UNL/5K DSL

MW
HANDH
LID
LID
HANDI
MW

remove piping and liner install triple wall piping

change out dispensers

Encore 700S 3+1 dispensers

FILLS

8K UNL/4K SUP

SUBS

CONCRETE

AIR
PUMP

7 PARKING
SPACES

25' B.L.
VOL. 9535, PG. 123, P.R.B.C.T.

15" ELDER

S82°18'20"W 200.00'

Conceptual
Drawing-fuel
only

Project
Fiesta Chevron
6835 N Loop 1604 W
San Antonio, Texas 78249

Date:
7-11-2022
Scale:
1" = 20'
Drawn by:
DD
Revision No.:
Approved by:
Drawing No.

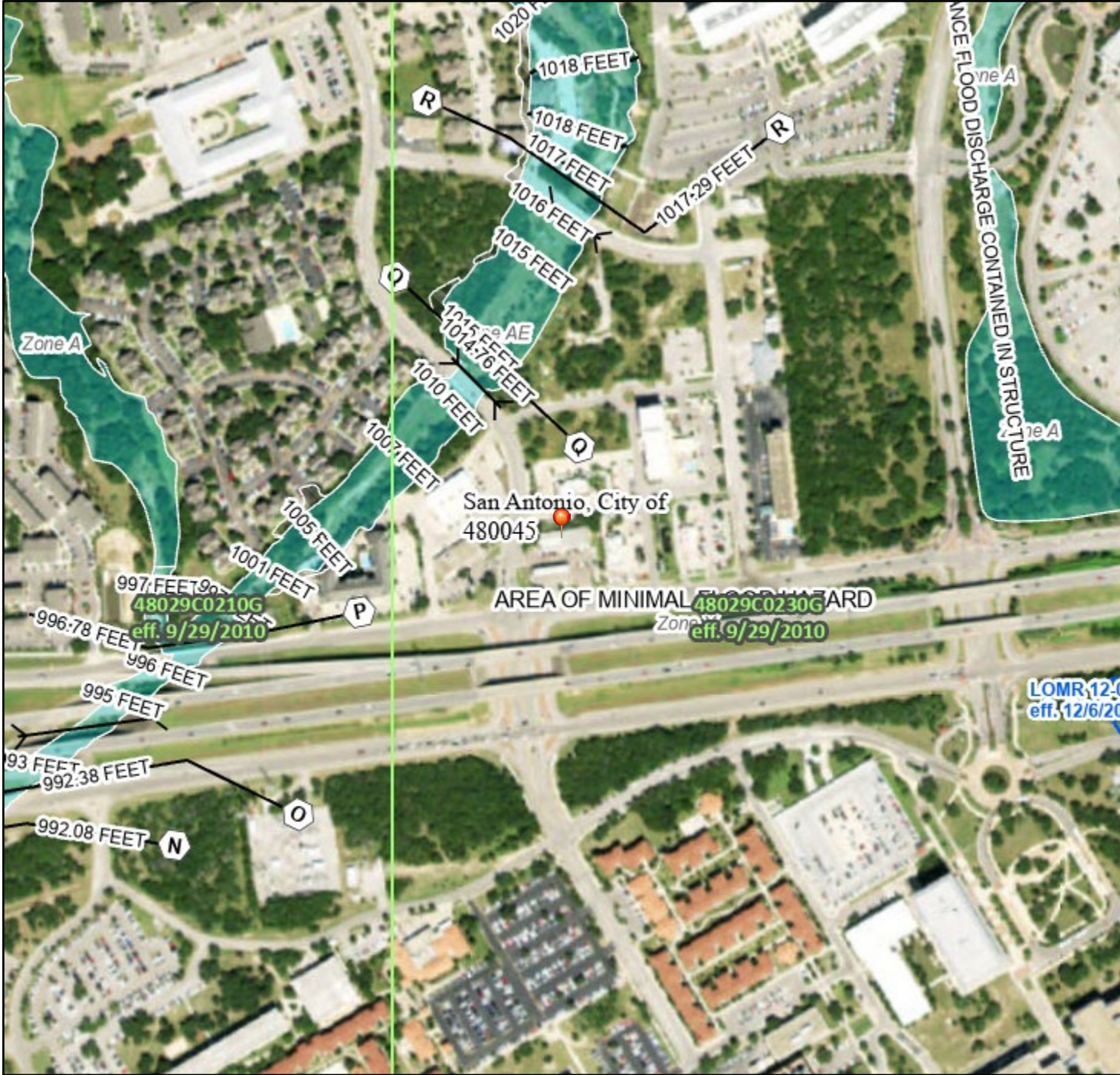
TCEQ-0583

FEMA Flood Map

National Flood Hazard Layer FIRMMette



98°37'43"W 29°35'36"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

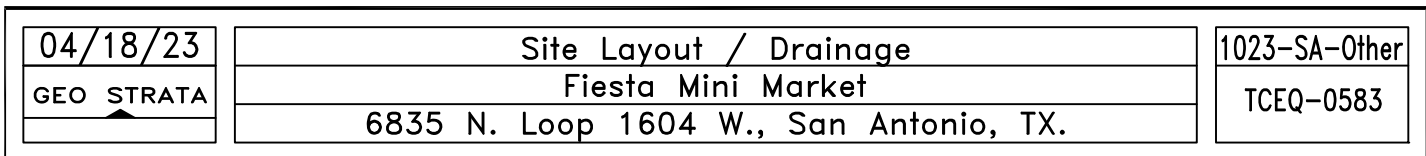
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/26/2023 at 1:04 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmoderated areas cannot be used for regulatory purposes.

TCEQ-0583

Site Layout and Drainage



Appendix D

TECQ-0602

Temporary Stormwater Section

Temporary Stormwater Section

Texas Commission on Environmental Quality

for Regulated Activities on the Edwards Aquifer Recharge Zone and Relating to 30 TAC §213.5(b)(4)(A), (B), (D)(I) and (G); Effective June 1, 1999

To ensure that the application is administratively complete, confirm that all fields in the form are complete, verify that all requested information is provided, consistently reference the same site and contact person in all forms in the application, and ensure forms are signed by the appropriate party.

Note: Including all the information requested in the form and attachments contributes to more streamlined technical reviews.

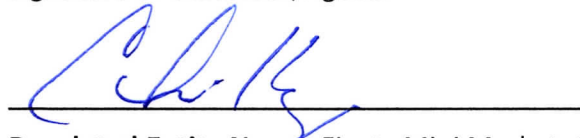
Signature

To the best of my knowledge, the responses to this form accurately reflect all information requested concerning the proposed regulated activities and methods to protect the Edwards Aquifer. This **Temporary Stormwater Section** is hereby submitted for TCEQ review and executive director approval. The application was prepared by:

Print Name of Customer/Agent: Cheri Krieg, P.G.

Date: May 11, 2023

Signature of Customer/Agent:



Regulated Entity Name: Fiesta Mini Market, 6835 North Loop 1604 W., San Antonio, TX

Project Information

Potential Sources of Contamination

Examples: Fuel storage and use, chemical storage and use, use of asphaltic products, construction vehicles tracking onto public roads, and existing solid waste.

1. Fuels for construction equipment and hazardous substances which will be used during construction:

☐ The following fuels and/or hazardous substances will be stored on the site: _____

These fuels and/or hazardous substances will be stored in:

- ☐ Aboveground storage tanks with a cumulative storage capacity of less than 250 gallons will be stored on the site for less than one (1) year.

- ☐ Aboveground storage tanks with a cumulative storage capacity between 250 gallons and 499 gallons will be stored on the site for less than one (1) year.
- ☐ Aboveground storage tanks with a cumulative storage capacity of 500 gallons or more will be stored on the site. An Aboveground Storage Tank Facility Plan application must be submitted to the appropriate regional office of the TCEQ prior to moving the tanks onto the project.
- ☒ Fuels and hazardous substances will not be stored on the site.
- 2. ☒ **Attachment A - Spill Response Actions.** A site specific description of the measures to be taken to contain any spill of hydrocarbons or hazardous substances is attached.
- 3. ☐ Temporary aboveground storage tank systems of 250 gallons or more cumulative storage capacity must be located a minimum horizontal distance of 150 feet from any domestic, industrial, irrigation, or public water supply well, or other sensitive feature.
- 4. ☒ **Attachment B - Potential Sources of Contamination.** A description of any activities or processes which may be a potential source of contamination affecting surface water quality is attached.

Sequence of Construction

- 5. ☒ **Attachment C - Sequence of Major Activities.** A description of the sequence of major activities which will disturb soils for major portions of the site (grubbing, excavation, grading, utilities, and infrastructure installation) is attached.
 - ☒ For each activity described, an estimate (in acres) of the total area of the site to be disturbed by each activity is given.
 - ☒ For each activity described, include a description of appropriate temporary control measures and the general timing (or sequence) during the construction process that the measures will be implemented.
- 6. ☒ Name the receiving water(s) at or near the site which will be disturbed or which will receive discharges from disturbed areas of the project: NA

Temporary Best Management Practices (TBMPs)

Erosion control examples: tree protection, interceptor swales, level spreaders, outlet stabilization, blankets or matting, mulch, and sod. Sediment control examples: stabilized construction exit, silt fence, filter dikes, rock berms, buffer strips, sediment traps, and sediment basins. Please refer to the Technical Guidance Manual for guidelines and specifications. All structural BMPs must be shown on the site plan.

- 7. ☒ **Attachment D – Temporary Best Management Practices and Measures.** TBMPs and measures will prevent pollution of surface water, groundwater, and stormwater. The construction-phase BMPs for erosion and sediment controls have been designed to retain sediment on site to the extent practicable. The following information is attached:

- ☒ A description of how BMPs and measures will prevent pollution of surface water, groundwater or stormwater that originates upgradient from the site and flows across the site.
 - ☒ A description of how BMPs and measures will prevent pollution of surface water or groundwater that originates on-site or flows off site, including pollution caused by contaminated stormwater runoff from the site.
 - ☒ A description of how BMPs and measures will prevent pollutants from entering surface streams, sensitive features, or the aquifer.
 - ☒ A description of how, to the maximum extent practicable, BMPs and measures will maintain flow to naturally-occurring sensitive features identified in either the geologic assessment, TCEQ inspections, or during excavation, blasting, or construction.
8. ☒ The temporary sealing of a naturally-occurring sensitive feature which accepts recharge to the Edwards Aquifer as a temporary pollution abatement measure during active construction should be avoided.
- ☐ **Attachment E - Request to Temporarily Seal a Feature.** A request to temporarily seal a feature is attached. The request includes justification as to why no reasonable and practicable alternative exists for each feature.
- ☒ There will be no temporary sealing of naturally-occurring sensitive features on the site.
9. ☒ **Attachment F - Structural Practices.** A description of the structural practices that will be used to divert flows away from exposed soils, to store flows, or to otherwise limit runoff discharge of pollutants from exposed areas of the site is attached. Placement of structural practices in floodplains has been avoided.
10. ☒ **Attachment G - Drainage Area Map.** A drainage area map supporting the following requirements is attached:
- ☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin will be provided.
 - ☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a smaller sediment basin and/or sediment trap(s) will be used.
 - ☐ For areas that will have more than 10 acres within a common drainage area disturbed at one time, a sediment basin or other equivalent controls are not attainable, but other TBMPs and measures will be used in combination to protect down slope and side slope boundaries of the construction area.
 - ☐ There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. A smaller sediment basin and/or sediment trap(s) will be used in combination with other erosion and sediment controls within each disturbed drainage area.

- ☒ There are no areas greater than 10 acres within a common drainage area that will be disturbed at one time. Erosion and sediment controls other than sediment basins or sediment traps within each disturbed drainage area will be used.
11. ☐ **Attachment H - Temporary Sediment Pond(s) Plans and Calculations.** Temporary sediment pond or basin construction plans and design calculations for a proposed temporary BMP or measure have been prepared by or under the direct supervision of a Texas Licensed Professional Engineer. All construction plans and design information must be signed, sealed, and dated by the Texas Licensed Professional Engineer. Construction plans for the proposed temporary BMPs and measures are attached.
- ☒ N/A
12. ☒ **Attachment I - Inspection and Maintenance for BMPs.** A plan for the inspection of each temporary BMP(s) and measure(s) and for their timely maintenance, repairs, and, if necessary, retrofit is attached. A description of the documentation procedures, recordkeeping practices, and inspection frequency are included in the plan and are specific to the site and/or BMP.
13. ☒ All control measures must be properly selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices. If periodic inspections by the applicant or the executive director, or other information indicate a control has been used inappropriately, or incorrectly, the applicant must replace or modify the control for site situations.
14. ☒ If sediment escapes the construction site, off-site accumulations of sediment must be removed at a frequency sufficient to minimize offsite impacts to water quality (e.g., fugitive sediment in street being washed into surface streams or sensitive features by the next rain).
15. ☒ Sediment must be removed from sediment traps or sedimentation ponds not later than when design capacity has been reduced by 50%. A permanent stake will be provided that can indicate when the sediment occupies 50% of the basin volume.
- NA
16. ☒ Litter, construction debris, and construction chemicals exposed to stormwater shall be prevented from becoming a pollutant source for stormwater discharges (e.g., screening outfalls, picked up daily).

Soil Stabilization Practices

Examples: establishment of temporary vegetation, establishment of permanent vegetation, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, or preservation of mature vegetation.

17. ☒ **Attachment J - Schedule of Interim and Permanent Soil Stabilization Practices.** A schedule of the interim and permanent soil stabilization practices for the site is attached.

18. ☒ Records must be kept at the site of the dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and the dates when stabilization measures are initiated.
19. ☒ Stabilization practices must be initiated as soon as practicable where construction activities have temporarily or permanently ceased.

Administrative Information

20. ☒ All structural controls will be inspected and maintained according to the submitted and approved operation and maintenance plan for the project.
21. ☒ If any geologic or manmade features, such as caves, faults, sinkholes, etc., are discovered, all regulated activities near the feature will be immediately suspended. The appropriate TCEQ Regional Office shall be immediately notified. Regulated activities must cease and not continue until the TCEQ has reviewed and approved the methods proposed to protect the aquifer from any adverse impacts.
22. ☒ Silt fences, diversion berms, and other temporary erosion and sediment controls will be constructed and maintained as appropriate to prevent pollutants from entering sensitive features discovered during construction.

ATTACHMENT A
SPILL RESPONSE ACTIONS

Attachment A

1.4.16 Spill Prevention and Control

The objective of this section is to describe measures to prevent or reduce the discharge of pollutants to drainage systems or watercourses from leaks and spills by reducing the chance for spills, stopping the source of spills, containing and cleaning up spills, properly disposing of spill materials, and training employees.

The following steps will help reduce the stormwater impacts of leaks and spills:

Education

- (1) Be aware that different materials pollute in different amounts. Make sure that each employee knows what a "significant spill" is for each material they use, and what is the appropriate response for "significant" and "insignificant" spills. Employees should also be aware of when spill must be reported to the TCEQ. Information available in 30 TAC 327.4 and 40 CFR 302.4.
- (2) Educate employees and subcontractors on potential dangers to humans and the environment from spills and leaks.
- (3) Hold regular meetings to discuss and reinforce appropriate disposal procedures (incorporate into regular safety meetings).
- (4) Establish a continuing education program to indoctrinate new employees.
- (5) Have contractor's superintendent or representative oversee and enforce proper spill prevention and control measures.

General Measures

- (1) To the extent that the work can be accomplished safely, spills of oil, petroleum products, substances listed under 40 CFR parts 110, 117, and 302, and sanitary and septic wastes should be contained and cleaned up immediately.
- (2) Store hazardous materials and wastes in covered containers and protect from vandalism.
- (3) Place a stockpile of spill cleanup materials where it will be readily accessible.
- (4) Train employees in spill prevention and cleanup.
- (5) Designate responsible individuals to oversee and enforce control measures.
- (6) Spills should be covered and protected from stormwater runoff during rainfall to the extent that it doesn't compromise clean up activities.
- (7) Do not bury or wash spills with water.

- (8) Store and dispose of used clean up materials, contaminated materials, and recovered spill material that is no longer suitable for the intended purpose in conformance with the provisions in applicable BMPs.
- (9) Do not allow water used for cleaning and decontamination to enter storm drains or watercourses. Collect and dispose of contaminated water in accordance with applicable regulations.
- (10) Contain water overflow or minor water spillage and do not allow it to discharge into drainage facilities or watercourses.
- (11) Place Material Safety Data Sheets (MSDS), as well as proper storage, cleanup, and spill reporting instructions for hazardous materials stored or used on the project site in an open, conspicuous, and accessible location.
- (12) Keep waste storage areas clean, well organized, and equipped with ample cleanup supplies as appropriate for the materials being stored. Perimeter controls, containment structures, covers, and liners should be repaired or replaced as needed to maintain proper function.

Cleanup

- (1) Clean up leaks and spills immediately.
- (2) Use a rag for small spills on paved surfaces, a damp mop for general cleanup, and absorbent material for larger spills. If the spilled material is hazardous, then the used cleanup materials are also hazardous and must be disposed of as hazardous waste.
- (3) Never hose down or bury dry material spills. Clean up as much of the material as possible and dispose of properly. See the waste management BMPs in this section for specific information.

Minor Spills

- (1) Minor spills typically involve small quantities of oil, gasoline, paint, etc. which can be controlled by the first responder at the discovery of the spill.
- (2) Use absorbent materials on small spills rather than hosing down or burying the spill.
- (3) Absorbent materials should be promptly removed and disposed of properly.
- (4) Follow the practice below for a minor spill:
- (5) Contain the spread of the spill.
- (6) Recover spilled materials.
- (7) Clean the contaminated area and properly dispose of contaminated materials.

Semi-Significant Spills

Semi-significant spills still can be controlled by the first responder along with the aid of other personnel such as laborers and the foreman, etc. This response may require the cessation of all other activities.

Spills should be cleaned up immediately:

- (1) Contain spread of the spill.
- (2) Notify the project foreman immediately.
- (3) If the spill occurs on paved or impermeable surfaces, clean up using "dry" methods (absorbent materials, cat litter and/or rags). Contain the spill by encircling with absorbent materials and do not let the spill spread widely.
- (4) If the spill occurs in dirt areas, immediately contain the spill by constructing an earthen dike. Dig up and properly dispose of contaminated soil.
- (5) If the spill occurs during rain, cover spill with tarps or other material to prevent contaminating runoff.

Significant/Hazardous Spills

For significant or hazardous spills that are in reportable quantities:

- (1) Notify the TCEQ by telephone as soon as possible and within 24 hours at 512-339-2929 (Austin) or 210-490-3096 (San Antonio) between 8 AM and 5 PM. After hours, contact the Environmental Release Hotline at 1-800-832-8224. It is the contractor's responsibility to have all emergency phone numbers at the construction site.
- (2) For spills of federal reportable quantities, in conformance with the requirements in 40 CFR parts 110,119, and 302, the contractor should notify the National Response Center at (800) 424-8802.
- (3) Notification should first be made by telephone and followed up with a written report.
- (4) The services of a spills contractor or a Haz-Mat team should be obtained immediately. Construction personnel should not attempt to clean up until the appropriate and qualified staffs have arrived at the job site.
- (5) Other agencies which may need to be consulted include, but are not limited to, the City Police Department, County Sheriff Office, Fire Departments, etc.

More information on spill rules and appropriate responses is available on the TCEQ website at: http://www.tnrcc.state.tx.us/enforcement/emergency_response.html

Vehicle and Equipment Maintenance

- (1) If maintenance must occur onsite, use a designated area and a secondary containment, located away from drainage courses, to prevent the runoff of stormwater and the runoff of spills.
- (2) Regularly inspect onsite vehicles and equipment for leaks and repair immediately
- (3) Check incoming vehicles and equipment (including delivery trucks, and employee and subcontractor vehicles) for leaking oil and fluids. Do not allow leaking vehicles or equipment onsite.
- (4) Always use secondary containment, such as a drain pan or drop cloth, to catch spills or leaks when removing or changing fluids.
- (5) Place drip pans or absorbent materials under paving equipment when not in use.
- (6) Use absorbent materials on small spills rather than hosing down or burying the spill. Remove the absorbent materials promptly and dispose of properly.
- (7) Promptly transfer used fluids to the proper waste or recycling drums. Don't leave full drip pans or other open containers lying around.
- (8) Oil filters disposed of in trashcans or dumpsters can leak oil and pollute stormwater. Place the oil filter in a funnel over a waste oil-recycling drum to drain excess oil before disposal. Oil filters can also be recycled. Ask the oil supplier or recycler about recycling oil filters.
- (9) Store cracked batteries in a non-leaking secondary container. Do this with all cracked batteries even if you think all the acid has drained out. If you drop a battery, treat it as if it is cracked. Put it into the containment area until you are sure it is not leaking.

Vehicle and Equipment Fueling

- (1) If fueling must occur on site, use designated areas, located away from drainage courses, to prevent the runoff of stormwater and the runoff of spills.
- (2) Discourage "topping off" of fuel tanks.
- (3) Always use secondary containment, such as a drain pan, when fueling to catch spills/ leaks.

ATTACHMENT B

POTENTIAL SOURCES OF CONTAMINATION

TCEQ-0602 Attachment B
Potential Sources of Contamination

Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas

No fuels and/or hazardous substances will be stored onsite during construction activities. Consequently, potential sources of contamination will be incidental and minimal, and may include: oil/fuel leakage from construction equipment, trash/litter, and construction debris. Construction equipment will be properly maintained and inspected. Should the construction equipment experience incidental leakage, absorbent material will be placed over the area. The spent absorbent material and affected surface material will be placed in a drum or stockpiled for proper disposal. Should a reportable quantity of fuel be released, the TCEQ will be notified immediately, and necessary abatement measures will be conducted.

Trash and construction debris containers will be located onsite for the duration of construction activities. Trash and debris will be placed in the proper onsite containers daily.

ATTACHMENT C

SEQUENCE OF MAJOR ACTIVITIES

TCEQ-0602 Attachment C Sequence of Major Activities

**Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas**

The Fiesta Mini Market is an operating convenience store which is currently paved. The store is equipped with two, 12,000-gallon USTs, which will be replaced with upgraded system to comply with tertiary containment requirements. The general sequence of activities is as follows:

1. Install erosion and sedimentation controls (i.e. silt fences and stabilized construction entrances).
2. Break out existing tankhold area as shown on site plan.
3. Remove existing tanks, associated lines and dispenser islands.
4. Install new tanks, associated lines and dispenser islands.
5. Repave tankhold and trenching areas.
6. Remove temporary erosion and sedimentation controls.

Because the site is already graded and paved, only the necessary areas of the site will be excavated for construction purposes. Note: Less than 1 acre will be disturbed for all of the activities. There will be no major grading activities.

ATTACHMENT D

TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES

TCEQ-0602 Attachment D
Temporary Best Management Practices

Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas

The Fiesta Mini Market is an operating convenience store which is currently paved, with landscape and grassy areas on the perimeter of the property. There are surface drainage grates on the south and west edges of the paved areas. downgradient of the UST system.

Erosion and sedimentation controls including silt fences and stabilized construction entrances will be installed to reduce erosion. Soil excavated from the proposed tankhold location will be bermed with hay bales and covered with plastic to minimize potential run-off, pending return to the tankhold. The excavation and associated trenching will be barricaded for safety.

No fuels or hazardous materials will be stored onsite during construction or used in construction activities. Should incidental leakage of the construction equipment occur, absorbent material will be placed on the affected area and the spent absorbent material as well as the affected surface soil will be excavated and placed in a drum for proper disposal.

Good general housekeeping practices will be conducted during construction activities. Trash and debris will be picked-up daily and placed in the proper onsite containers to minimize the potential for materials to wash offsite during a storm event. Materials will be kept in manufacturer's original labeled containers and stored out of the weather. The containers will remain closed and once emptied will be sealed and placed in the appropriate trash receptacle.

The site superintendent will conduct inspections each day to ensure that all excavations are properly barricaded, stockpiled soils/gravel are properly covered and bermed, trash and debris are placed in the proper receptacle, and containers are sealed and labeled.

ATTACHMENT G

DRAINAGE AREA MAP

ATTACHMENT I

INSPECTION AND MAINTENANCE FOR BMPs

TCEQ-0602 Attachment I
Inspection and Maintenance for BMPs

Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas

The on-site pollution control measures will be inspected every two weeks by qualified personnel. Should a storm event occur which produces more than one-half inch of rainfall, the onsite pollution control measures will be inspected within 24-hours of the rainfall event. An inspection report will be prepared which will include the following:

- Date of inspection
- Name of inspector and qualifications
- Pertinent observations
- Necessary remedies

The following items will be included in the inspection:

- Check for evidence of erosion in disturbed areas
- Check containers for evidence of leakage
- Check vehicles and surface area for evidence of leakage
- Check barricades and berms
- Check that stockpiles are properly covered and bermed, and for evidence of run-off
- Check exit/entranceways for evidence of sediment tracking
- Check site and adjacent areas for trash and debris

Should the inspection reveal any deficiencies, corrective action measures will be undertaken immediately. For example, if sediment tracking is observed at exit and in the street, the sediment will be cleaned up immediately to ensure that sediment does not run-off into nearby surface drainage area. The site will be re-inspected upon completion of the corrective measures or within one week whichever comes first.

ATTACHMENT J

SCHEDULE OF INTERIM AND PERMANENT SOIL STABILIZATION PRACTICES

TCEQ-0602 Attachment J
Schedule of Interim and Permanent Soil Stabilization Practices

Fiesta Mini Market
6835 N. Loop 1604 W.
San Antonio, Texas

The Fiesta Mini Market is an operating convenience store which is currently paved. Because the site is already graded and paved, only the necessary areas of the site will be excavated for construction purposes. Excavation will be conducted in the proposed tank location and trenching will be conducted for the product and vent lines only. The remaining impervious cover will not be removed for additional grading. Therefore, soil disturbance will be minimal. The excavation, trenches, and any stockpiles will be properly bermed.

If construction activities are delayed or cease, appropriate soil stabilization controls will be initiated including mulching, establishment of vegetation, sod, and placement of erosion barriers such as hay bales and sediment fencing.

Appendix E

**Agent Authorization Form
Application Fee Form
Core Data Form**

Agent Authorization Form
For Required Signature
Edwards Aquifer Protection Program
Relating to 30 TAC Chapter 213
Effective June 1, 1999

I Kamaluddin Hirani,
Print Name

Owner
Title - Owner/President/Other

of Fiesta Solutions, LLC,
Corporation/Partnership/Entity Name

have authorized Cheri Krieg, P.G./Suzanne Green
Print Name of Agent/Engineer

of Geo Strata Environmental Consultants, Inc.
Print Name of Firm

to represent and act on the behalf of the above named Corporation, Partnership, or Entity for the purpose of preparing and submitting this plan application to the Texas Commission on Environmental Quality (TCEQ) for the review and approval consideration of regulated activities.

I also understand that:

1. The applicant is responsible for compliance with 30 Texas Administrative Code Chapter 213 and any condition of the TCEQ's approval letter. The TCEQ is authorized to assess administrative penalties of up to \$10,000 per day per violation.
2. For those submitting an application who are not the property owner, but who have the right to control and possess the property, additional authorization is required from the owner.
3. Application fees are due and payable at the time the application is submitted. The application fee must be sent to the TCEQ cashier or to the appropriate regional office. The application will not be considered until the correct fee is received by the commission.
4. A notarized copy of the Agent Authorization Form must be provided for the person preparing the application, and this form must accompany the completed application.
5. No person shall commence any regulated activity on the Edwards Aquifer Recharge Zone, Contributing Zone or Transition Zone until the appropriate application for the activity has been filed with and approved by the Executive Director.

SIGNATURE PAGE:

Kamaluddin

Applicant's Signature

5/1/2023

Date

THE STATE OF Texas §

County of Bexar §

BEFORE ME, the undersigned authority, on this day personally appeared Kamaluddin Himm known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that (s)he executed same for the purpose and consideration therein expressed.

GIVEN under my hand and seal of office on this 1st day of May, 2023.

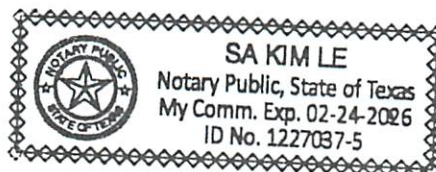
Kim Le

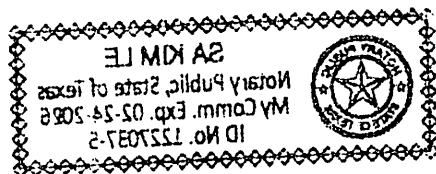
NOTARY PUBLIC

SA KIM LE

Typed or Printed Name of Notary

MY COMMISSION EXPIRES: 2.24.2026





Application Fee Form

Texas Commission on Environmental Quality

Name of Proposed Regulated Entity: Fiesta Mini Market

Regulated Entity Location: 6835 N. Loop 1604 W., San Antonio, TX

Name of Customer: FFM Solutions, LLC

Contact Person: Kamluddin Hirani

Phone: 210-573-2279

Customer Reference Number (if issued): CN 606016756

Regulated Entity Reference Number (if issued): RN 102243128

Austin Regional Office (3373)

☐ Hays

☐ Travis

☐ Williamson

San Antonio Regional Office (3362)

☒ Bexar

☐ Medina

☐ Uvalde

☐ Comal

☐ Kinney

Application fees must be paid by check, certified check, or money order, payable to the **Texas Commission on Environmental Quality**. Your canceled check will serve as your receipt. **This form must be submitted with your fee payment.** This payment is being submitted to:

☐ Austin Regional Office

☒ San Antonio Regional Office

☐ Mailed to: TCEQ - Cashier

☐ Overnight Delivery to: TCEQ - Cashier

Revenues Section

Mail Code 214

P.O. Box 13088

Austin, TX 78711-3088

12100 Park 35 Circle

Building A, 3rd Floor

Austin, TX 78753

(512)239-0357

Site Location (Check All That Apply):

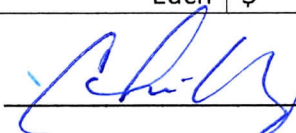
☒ Recharge Zone

☐ Contributing Zone

☐ Transition Zone

Type of Plan	Size	Fee Due
Water Pollution Abatement Plan, Contributing Zone Plan: One Single Family Residential Dwelling	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Multiple Single Family Residential and Parks	Acres	\$
Water Pollution Abatement Plan, Contributing Zone Plan: Non-residential	Acres	\$
Sewage Collection System	L.F.	\$
Lift Stations without sewer lines	Acres	\$
Underground or Aboveground Storage Tank Facility	2 Tanks	\$ 1300
Piping System(s)(only)	Each	\$
Exception	Each	\$
Extension of Time	Each	\$

Signature: _____



Date: May 11, 2023

Application Fee Schedule

Texas Commission on Environmental Quality

Edwards Aquifer Protection Program 30 TAC Chapter 213 (effective 05/01/2008)

Water Pollution Abatement Plans and Modifications

Contributing Zone Plans and Modifications

<i>Project</i>	<i>Project Area in Acres</i>	<i>Fee</i>
One Single Family Residential Dwelling	< 5	\$650
Multiple Single Family Residential and Parks	< 5	\$1,500
	5 < 10	\$3,000
	10 < 40	\$4,000
	40 < 100	\$6,500
	100 < 500	\$8,000
	≥ 500	\$10,000
Non-residential (Commercial, industrial, institutional, multi-family residential, schools, and other sites where regulated activities will occur)	< 1	\$3,000
	1 < 5	\$4,000
	5 < 10	\$5,000
	10 < 40	\$6,500
	40 < 100	\$8,000
	≥ 100	\$10,000

Organized Sewage Collection Systems and Modifications

<i>Project</i>	<i>Cost per Linear Foot</i>	<i>Minimum Fee- Maximum Fee</i>
Sewage Collection Systems	\$0.50	\$650 - \$6,500

Underground and Aboveground Storage Tank System Facility Plans and Modifications

<i>Project</i>	<i>Cost per Tank or Piping System</i>	<i>Minimum Fee- Maximum Fee</i>
Underground and Aboveground Storage Tank Facility	\$650	\$650 - \$6,500

Exception Requests

<i>Project</i>	<i>Fee</i>
Exception Request	\$500

Extension of Time Requests

<i>Project</i>	<i>Fee</i>
Extension of Time Request	\$150



TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☐ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☐ Renewal (Core Data Form should be submitted with the renewal form)		☒ Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 606016756		RN 102243128

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		05/02/23	
☐ New Customer ☒ Update to Customer Information ☐ Change in Regulated Entity Ownership					
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
Fiesta Solutions, LLC					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID	10. DUNS Number (if applicable)
0804417534		32082923387		(9 digits) 88-0574728	
11. Type of Customer:		☒ Corporation		☐ Individual	Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other		☐ Sole Proprietorship		☐ Other:	
12. Number of Employees				13. Independently Owned and Operated?	
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher				☒ Yes ☐ No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
☒ Owner ☐ Operator ☐ Owner & Operator ☐ Other:					
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant					
15. Mailing					
6835 N. Loop 1604 W.					
Address:					
City	San Antonio	State	TX	ZIP	78249
				ZIP + 4	1127
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)

☐ New Regulated Entity ☒ Update to Regulated Entity Name ☐ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)

Fiesta Mini Market

23. Street Address of the Regulated Entity:

(No PO Boxes)

6835 N. Loop 1604 W

City

San Antonio

State

TX

ZIP

78249

ZIP + 4

1127

24. County

Bexar

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:**26. Nearest City**

State

Nearest ZIP Code

San Antonio

TX

78249

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:

29.5887

28. Longitude (W) In Decimal:

-98.6234

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

29. Primary SIC Code

(4 digits)

30. Secondary SIC Code

(4 digits)

31. Primary NAICS Code

(5 or 6 digits)

32. Secondary NAICS Code

(5 or 6 digits)

5411

5541

457110

33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)

Convenience Store and Gas Station

34. Mailing

Address:

6835 N. Loop 1604 W.

City

San Antonio

State

TX

ZIP

78249

ZIP + 4

1127

35. E-Mail Address:

Kamaal117@gmail.com

36. Telephone Number**37. Extension or Code****38. Fax Number** (if applicable)

(210) 573-2279

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39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

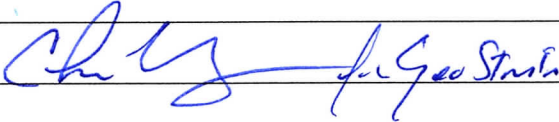
☐ Dam Safety	☐ Districts	☒ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☒ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Cheri Krieg			41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address		
(210) 492-7282		(210) 492-8935	ckrieg@geostrata.com		

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Geo Strata Environmental Consultants Inc.		Job Title:	Project Manager	
Name (In Print):	Cheri Krieg			Phone:	(210) 492- 7282
Signature:				Date:	5/10/23