



Filing Receipt

Received - 2023-03-15 01:53:54 PM

Control Number - 54758

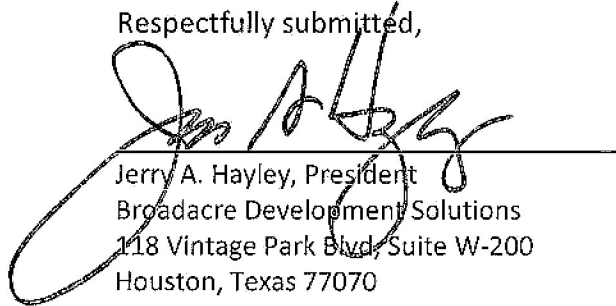
ItemNumber - 1

NEW DOCKET

APPLICATION OF T & W WATER	§	PUBLIC UTILITY COMMISSION
SERVICE COMPANY DBA BLUE TOPAZ	§	
UTILITIES TO AMEND ITS CERTIFICATE OF	§	
CONVENIENCE AND NECESSITY IN	§	OF TEXAS
FORT BEND COUNTY	§	

Enclosed is a new application to amend our existing Water CCN No. 12892 and Sewer CCN No. 21127. Financials will be sent confidentially.

Respectfully submitted,



Jerry A. Hayley, President
Broadacre Development Solutions
118 Vintage Park Blvd, Suite W-200
Houston, Texas 77070
Telephone: 713-416-5353
jerry@broadacrellc.com



Application to Obtain or Amend a Water or Sewer Certificate of Convenience and Necessity (CCN)

*Pursuant to 16 Texas Administrative Code (TAC) Chapter 24, Substantive Rules Applicable to Water and Sewer
Service Providers, Subchapter G: Certificates of Convenience and Necessity*

CCN Application Instructions

- I. **COMPLETE:** In order for the Commission to find the application sufficient for filing, you should adhere to the following:
- Answer every question and submit all required attachments.
 - Use attachments or additional pages if needed to answer any question. If you use attachments or additional pages, reference their inclusion in the form.
 - Provide all mapping information as detailed in Part F: Mapping & Affidavits.
 - Provide any other necessary approvals from the Texas Commission on Environmental Quality (TCEQ), or evidence that a request for approval is being sought at the time of filing with the Commission.
- II. **FILE:** Seven (7) copies of the completed application with numbered attachments. One copy should be filed with no permanent binding, staples, tabs, or separators; and 7 copies of the portable electronic storage medium containing the digital mapping data.
- SEND TO:** Public Utility Commission of Texas, Attention: Filing Clerk, 1701 N. Congress Avenue, P.O. Box 13326, Austin, Texas 78711-3326 (**NOTE: Electronic documents may be sent in advance of the paper copy; however, they will not be processed and added to the Commission's on-line Interchange until the paper copy is received and file-stamped in Central Records.**)
- III. The application will be assigned a docket number, and an administrative law judge (ALJ) will issue an order requiring Commission Staff to file a recommendation on whether the application is sufficient. The ALJ will issue an order after Staff's recommendation has been filed:
- DEFICIENT (Administratively Incomplete):** Applicant will be ordered to provide information to cure the deficiencies by a certain date (usually 30 days from ALJ's order). *Application is not accepted for filing.*
 - SUFFICIENT (Administratively Complete):** Applicant will be ordered by the ALJ to give appropriate notice of the application using the notice prepared by Commission Staff. *Application is accepted for filing.*
- IV. Once the Applicant issues notice, a copy of the actual notice sent (including any map) and an affidavit attesting to notice should be filed in the docket assigned to the application. Recipients of notice may choose to take one of the following actions:
- HEARING ON THE MERITS:** an affected party may request a hearing on the application. The request must be made within 30 days of notice. If this occurs, the application may be referred to the State Office of Administrative Hearings (SOAH) to complete this request.
 - LANDOWNER OPT-OUT:** A landowner owning a qualifying tract of land (25+ acres) may request to have their land removed from the requested area. The Applicant will be requested to amend its application and file new mapping information to remove the landowner's tract of land, in conformity with this request.
- V. **PROCEDURAL SCHEDULE:** Following the issuance of notice and the filing of proof of notice in step 4, the application will be granted a procedural schedule for final processing. During this time the Applicant must respond to hearing requests, landowner opt-out requests, and requests for information (RFI). The Applicant will be requested to provide written consent to the proposed maps, certificates, and tariff (if applicable) once all other requests have been resolved.
- VI. **FINAL RECOMMENDATION:** After receiving all required documents from the Applicant, Staff will file a recommendation on the CCN request. The ALJ will issue a final order after Staff's recommendation is filed.

FAQ:

Who can use this form?

Any retail public utility that provides or intends to provide retail water or wastewater utility service in Texas.

Who is required to use this form?

A retail public utility that is an investor owned utility (IOU) or a water supply corporation (WSC) must use this form to obtain or amend a CCN prior to providing retail water or sewer utility service in the requested area.

What is the purpose of the application?

A CCN Applicant is required to demonstrate financial, managerial, and technical (FMT) capability to provide continuous and adequate service to any requested area. The questions in the application are structured to support an Applicant's FMT capabilities, consistent with the regulatory requirements.

Application Summary

Applicant: T & W Water Service Company, dba Blue Topaz Utilities

CCN No. to be amended: 12892 and 21127

or

☐

Obtain NEW CCN

☐

Water

☐

Sewer

County(ies) affected by this application: Fort Bend

Dual CCN requested with: _____

CCN No.: _____

(name of retail public utility)

☐

Portion or

☐

All of requested area

Decertification of CCN for: _____

CCN No.: _____

(name of retail public utility)

☐

Portion or

☐

All of requested area

Table of Contents

CCN Application Instructions	1
Part A: Applicant Information.....	3
Part B: Requested Area Information	4
Part C: CCN Obtain or Amend Criteria Considerations	6
Part D: TCEQ Public Water System or Sewer (Wastewater) Information	7
Part E: Financial Information	9
Part F: Mapping & Affidavits.....	10
Part G: Notice Information.....	11
Appendix A: Historical Financial Information (Balance Sheet and Income Schedule).....	13
Appendix B: Projected Information.....	16

Please mark the items included in this filing

<input type="checkbox"/>	Partnership Agreement	Part A: Question 4
<input checked="" type="checkbox"/>	Articles of Incorporation and By-Laws (WSC)	Part A: Question 4
<input checked="" type="checkbox"/>	Certificate of Account Status	Part A: Question 4
<input type="checkbox"/>	Franchise, Permit, or Consent letter	Part B: Question 7
<input type="checkbox"/>	Existing Infrastructure Map	Part B: Question 8
<input checked="" type="checkbox"/>	Customer Requests For Service in requested area	Part B: Question 9
<input type="checkbox"/>	Population Growth Report or Market Study	Part B: Question 10
<input type="checkbox"/>	TCEQ Engineering Approvals	Part B: Question 11
<input checked="" type="checkbox"/>	Requests & Responses For Service to ½ mile utility providers	Part B: Question 12.B
<input type="checkbox"/>	Economic Feasibility (alternative provider) Statement	Part B: Question 12.C
<input type="checkbox"/>	Alternative Provider Analysis	Part B: Question 12.D
<input type="checkbox"/>	Enforcement Action Correspondence	Part C: Question 16
<input checked="" type="checkbox"/>	TCEQ Compliance Correspondence	Part D: Question 20
<input type="checkbox"/>	Purchased Water Supply or Treatment Agreement	Part D: Question 23
<input type="checkbox"/>	Rate Study (new market entrant)	Part E: Question 28
<input checked="" type="checkbox"/>	Tariff/Rate Schedule	Part E: Question 29
<input checked="" type="checkbox"/>	Financial Audit	Part E: Question 30
<input type="checkbox"/>	Application Attachment A & B	Part E: Question 30
<input type="checkbox"/>	Capital Improvement Plan	Part E: Question 30
<input type="checkbox"/>	Disclosure of Affiliated Interests	Part E: Question 31
<input checked="" type="checkbox"/>	Detailed (large scale) Map	Part F: Question 32
<input checked="" type="checkbox"/>	General Location (small scale) Map	Part F: Question 32
<input checked="" type="checkbox"/>	Digital Mapping Data	Part F: Question 32
<input checked="" type="checkbox"/>	Signed & Notarized Affidavit	Page 12

Part A: Applicant Information

1. A. Name: T & W Water Service Company, dba Blue Topaz Utilities

(individual, corporation, or other legal entity)

☐

Individual

☒

Corporation

☐

WSC

☐

Other: _____

B. Mailing Address: P.O. Box 2927, Conroe, Texas 77305

Phone No.: (936) 756-7400

Email: _____

C. Contact Person. Please provide information about the person to be contacted regarding this application. Indicate if this person is the owner, operator, engineer, attorney, accountant, or other title.

Name: Jerry Hayley, President of Broadacre Development Solutions

Title: Consultant

Mailing Address: 118 Vintage Park Blvd., Suite W-200, Houston, TX 77070

Phone No.: (713) 416-5353

Email: jerry@broadacrellc.com

2. If the Applicant is someone other than a municipality, is the Applicant currently paid in full on the Regulatory Assessment Fees (RAF) remitted to the TCEQ?

☒

Yes

☐

No

☐

N/A

3. If the Applicant is an Investor Owned Utility (IOU), is the Applicant current on Annual Report filings with the Commission?

☒

Yes

☐

No

If no, please state the last date an Annual Report was filed: _____

4. The legal status of the Applicant is:

☐

Individual or sole proprietorship

☐

Partnership or limited partnership (*attach* Partnership agreement)

☒

Corporation:

Charter number (recorded with the Texas Secretary of State): 004604100

☐

Non-profit, member-owned, member controlled Cooperative Corporation [Article 1434(a) Water Supply or Sewer Service Corporation, incorporated under TWC Chapter 67]

Charter number (as recorded with the Texas Secretary of State): _____

☐

Articles of Incorporation and By-Laws established (*attach*)

☐

Municipally-owned utility

☐

District (MUD, SUD, WCID, FWSD, PUD, etc.)

☐

County

☐

Affected County (a county to which Subchapter B, Chapter 232, Local Government Code, applies)

☐

Other (please explain): _____

5. If the Applicant operates under an assumed name (i.e., any d/b/a), provide the name below:

Name: NO other or assumed names

Part B: Requested Area Information

6. Provide details on the existing or expected land use in the requested area, including details on requested actions such as dual certification or decertification of service area.

residential use

7. The requested area (check all applicable):

- ☐ Currently receives service from the Applicant ☒ Is being developed with no current customers
☐ Overlaps or is within municipal boundaries ☐ Overlaps or is within district boundaries

Municipality: _____ District: _____

Provide a copy of any franchise, permit, or consent granted by the city or district. If not available please explain:

no consent is required

8. Describe the circumstances (economic, environmental, etc.) driving the need for service in the requested area:

The Developer has requested water and wastewater service for its development.

9. Has the Applicant received any requests for service within the requested area?

☐ Yes* ☒ No *Attach copies of all applicable requests for service and show locations on a map

10. Is there existing or anticipated growth in the requested area?

☒ Yes* ☐ No *Attach copies of any reports and market studies supporting growth

11. A. Will construction of any facilities be necessary to provide service to the requested area?

☒ Yes* ☐ No *Attach copies of TCEQ approval letters

B. Date Plans & Specifications or Discharge Permit App. submitted to TCEQ: See attached

C. Summarize an estimated timeline for construction for any required facilities to serve the requested area:

Construction will start upon government approvals, tentatively fourth quarter of 2023

D. Describe the source and availability of funds for any required facilities to serve the requested area:

Financial information will be submitted confidentially

Note: Failure to provide applicable TCEQ construction or permit approvals, or evidence showing that the construction or permit approval has been filed with the TCEQ may result in the delay or possible dismissal of the application.

12. A. If construction of a physically separate water or sewer system is necessary, provide a list of all retail public water and/or sewer utilities within one half mile from the outer boundary of the requested area below:

Attached

B. Did the Applicant request service from each of the above water or sewer utilities?

☒ Yes*

☐ No

*Attach copies of written requests and copies of the written response

C. Attach a statement or provide documentation explaining why it is not economically feasible to obtain retail service from the water or sewer retail public utilities listed above.

D. If a neighboring retail public utility agreed to provide service to the requested area, attach documentation addressing the following information:

- (A) A description of the type of service that the neighboring retail public utility is willing to provide and comparison with service the applicant is proposing;
- (B) An analysis of all necessary costs for constructing, operating, and maintaining the new facilities for at least the first five years of operations, including such items as taxes and insurance; and
- (C) An analysis of all necessary costs for acquiring and continuing to receive service from the neighboring retail public utility for at least the first five years of operations.

13. Explain the effect of granting the CCN request on the Applicant, any retail public utility of the same kind serving in the proximate area, and any landowners in the requested area. The statement should address, but is not limited to, regionalization, compliance, and economic effects.

No known effect

Part C: CCN Obtain or Amend Criteria Considerations

14. Describe the anticipated impact and changes in the quality of retail utility service for the requested area:

no impact on the quality of service

15. Describe the experience and qualifications of the Applicant in providing continuous and adequate retail service:

The applicant has a 40+ year history of providing water and wastewater to thousands across Texas

16. Has the Applicant been under an enforcement action by the Commission, TCEQ, Texas Department of Health (TDH), the Office of the Attorney General (OAG), or the Environmental Protection Agency (EPA) in the past five (5) years for non-compliance with rules, orders, or state statutes?

☐ Yes* ☒ No

*Attach copies of any correspondence with the applicable regulatory agency concerning any enforcement actions, and attach a description of any actions or efforts the Applicant has taken to comply with these requirements.

17. Explain how the environmental integrity of the land will or will not be impacted or disrupted as a result of granting the CCN as requested:

The Developer performed extensive due diligence before purchasing the property.

18. Has the Applicant made efforts to extend retail water or sewer utility service to any economically distressed area located within the requested area?

No

19. List all neighboring water or sewer retail public utilities, cities, districts (including ground water conservation districts), counties, or other political subdivisions (including river authorities) providing the same service located within two (2) miles from the outer boundary of the requested area:

List attached

Part D: TCEQ Public Water System or Sewer (Wastewater) Information

20. A. Complete the following for all Public Water Systems (PWS) associated with the Applicant's CCN:

TCEQ PWS ID:	Name of PWS:	Date of TCEQ inspection*:	Subdivisions served:
	list attached		

*Attach evidence of compliance with TCEQ for each PWS

- B. Complete the following for all TCEQ Water Quality (WQ) discharge permits associated with the Applicant's CCN:

TCEQ Discharge Permit No:	Date Permit expires:	Date of TCEQ inspection*:	Subdivisions served:
WQ- 0013565001	12/11/2023		The Cove at Taylor Landing
WQ- 0012023001	7/15/2027		Hunter's Point and Tealwood
WQ-			
WQ-			

*Attach evidence of compliance with TCEQ for each Discharge Permit

- C. The requested CCN service area will be served via: PWS ID: 0790610
WQ - 0015975001

21. List the number of existing connections for the PWS & Discharge Permit indicated above (Question 20. C.):

Water				Sewer	
	Non-metered		2"		Residential
	5/8" or 3/4"		3"		Commercial
	1"		4"		Industrial
	1 1/2"		Other		Other
Total Water Connections:				Total Sewer Connections:	

22. List the number of additional connections projected for the requested CCN area:

Water				Sewer	
	Non-metered		2"	201	Residential
	5/8" or 3/4"	201	3"		Commercial
	1"		4"		Industrial
	1 1/2"		Other		Other
Total Water Connections:				201	Total Sewer Connections: £ 201

23. A. Will the system serving the requested area purchase water or sewer treatment capacity from another source?

☐ Yes* ☒ No *Attach a copy of purchase agreement or contract.

Capacity is purchased from:

Water: _____

Sewer: _____

- B. Are any of the Applicants PWS's required to purchase water to meet the TCEQ's minimum capacity requirements or TCEQ's drinking water standards?

☐ Yes ☒ No

- C. What is the amount of supply or treatment purchased, per the agreement or contract? What is the percent of overall demand supplied by purchased water or sewer treatment (if any)?

	Amount in Gallons	Percent of demand
Water:		0%
Sewer:		0%

24. Does the PWS or sewer treatment plant have adequate capacity to meet the current and projected demands in the requested area?

☒ Yes ☐ No

25. List the name, class, and TCEQ license number of the operators that will be responsible for the operations of the water or sewer utility service provided to the requested area:

Name (as it appears on license)	Class	License No.	Water/Sewer
Attached			

26. A. Are any improvements required for the existing PWS or sewer treatment plant to meet TCEQ or Commission standards?

☐ Yes ☒ No

- B. Provide details on each required major capital improvement necessary to correct deficiencies to meet the TCEQ or Commission standards (attach any engineering reports or TCEQ approval letters):

Description of the Capital Improvement:	Estimated Completion Date:	Estimated Cost:
Attached		

27. Provide a map (or maps) showing all facilities for production, transmission, and distribution, and the location of existing or proposed customer connections, in the requested area. Facilities should be identified on subdivision plats, engineering planning maps, or other large scale maps. Color coding can be used, and is encouraged, to distinguish types of facilities.

Part E: Financial Information

28. If the Applicant seeking to obtain a CCN for the first time is an Investor Owned Utility (IOU) and under the original rate jurisdiction of the Commission, a proposed tariff must be attached to the application. The proposed rates must be supported by a rate study, which provides all calculations and assumptions made. Once a CCN is granted, the Applicant must submit a rate filing package with the Commission within 18 months from the date service begins. The purpose of this rate filing package is to revise a utility's tariff to adjust the rates to a historic test year and to true up the new tariff rates to the historic test year. It is the Applicant's responsibility in any future rate proceeding to provide written evidence and support for the original cost and installation date of all facilities used and useful for providing utility service. Any dollar amount collected under the rates charged during the test year in excess of the revenue requirement established by the Commission during the rate change proceeding shall be reflected as customer contributed capital going forward as an offset to rate base for ratemaking purposes.

29. If the Applicant is an existing IOU, please attach a copy of the current tariff and indicate:

- A. Effective date for most recent rates: 3/14/2023
- B. Was notice of this increase provided to the Commission or a predecessor regulatory authority?
☐ No ☒ Yes Application or Docket Number: Docket 53435 (Water and Sewer)
- C. If notice was not provided to the Commission, please explain why (ex: rates are under the jurisdiction of a municipality)

If the Applicant is a Water Supply or Sewer Service Corporation (WSC/SSC) and seeking to obtain a CCN, attach a copy of the current tariff.

30. **Financial Information**

Applicants must provide accounting information typically included within a balance sheet, income statement, and statement of cash flows. If the Applicant is an existing retail public utility, this must include historical financial information and projected financial information. However, projected financial information is only required if the Applicant proposes new service connections and new investment in plant, or if requested by Commission Staff. If the Applicant is a new market entrant and does not have its own historical balance sheet, income statement, and statement of cash flows information, then the Applicant should establish a five-year projection.

Historical Financial Information may be shown by providing any combination of the following that includes necessary information found in a balance sheet, income statement, and statement of cash flows:

1. Completed Appendix A;
2. Documentation that includes all of the information required in Appendix A in a concise format; or
3. Audited financial statements issued within 18 months of the application filing date. This may be provided electronically by providing a uniform resource locator (URL) or a link to a website portal.

Projected Financial Information may be shown by providing any of the following:

1. Completed Appendix B;
2. Documentation that includes all of the information required in Appendix B in a concise format;
3. A detailed budget or capital improvement plan, which indicates sources and uses of funds required, including improvements to the system being transferred; or
4. A recent budget and capital improvements plan that includes information needed for analysis of the operations test for the system being transferred and any operations combined with the system. This may be provided electronically by providing a uniform resource locator (URL) or a link to a website portal.

31. Attach a disclosure of any affiliated interest or affiliate. Include a description of the business relationship between all affiliated interests and the Applicant.

DO NOT INCLUDE ATTACHMENTS A OR B IF LEFT BLANK

Part F: Mapping & Affidavits

32. Provide the following mapping information with each of the seven (7) copies of the application:
1. A general location (small scale) map identifying the requested area in reference to the nearest county boundary, city, or town. The Applicant should adhere to the following guidance:
 - i. If the application includes an amendment for both water and sewer certificated service areas, separate maps must be provided for each.
 - ii. A hand drawn map, graphic, or diagram of the requested area is not considered an acceptable mapping document.
 - iii. To maintain the integrity of the scale and quality of the map, copies must be exact duplicates of the original map. Therefore, copies of maps cannot be reduced or enlarged from the original map, or in black and white if the original map is in color.
 2. A detailed (large scale) map identifying the requested area in reference to verifiable man-made or natural landmarks such as roads, rivers, and railroads. The Applicant should adhere to the following guidance:
 - i. The map should be clearly labeled and the outer boundary of the requested area should be marked in reference to the verifiable man-made or natural landmarks. These verifiable man-made and/or natural landmarks must be labeled and marked on the map as well.
 - ii. If the application includes an amendment for both water and sewer certificated service area, separate maps need to be provided for each.
 - iii. To maintain the integrity of the scale and quality of the map, copies must be exact duplicates of the original map. Therefore, copies of maps cannot be reduced or enlarged from the original map, or in black and white if the original map is in color.
 3. One of the following identifying the requested area:
 - i. A metes and bounds survey sealed or embossed by either a licensed state land surveyor or a registered professional land surveyor. Please refer to the mapping guidance in part 2 (above);

- ii. A recorded plat. If the plat does not provide sufficient detail, Staff may request additional mapping information. Please refer to the mapping guidance in part 2 (above); or
- iii. Digital mapping data in a shapefile (SHP) format georeferenced in either NAD 83 Texas State Plane Coordinate System (US Feet) or in NAD 83 Texas Statewide Mapping System (Meters). The digital mapping data shall include a single, continuous polygon record. The following guidance should be adhered to:
 - a. The digital mapping data must correspond to the same requested area as shown on the general location and detailed maps. The requested area must be clearly labeled as either the water or sewer requested area.
 - b. A shapefile should include six files (.dbf, .shp, .shx, .sbx, .sbn, and the projection (.prj) file).
 - c. The digital mapping data shall be filed on a data disk (CD or USB drives), clearly labeled, and filed with Central Records. Seven (7) copies of the digital mapping data is also required.

Part G: Notice Information

The following information will be used to generate the proposed notice for the application.
DO NOT provide notice until the application is deemed sufficient for filing and the Applicant is ordered to provide notice.

33. Complete the following using verifiable man-made and/or natural landmarks such as roads, rivers, or railroads to describe the requested area (to be stated in the notice documents). Measurements should be approximated from the outermost boundary of the requested area:

The total acreage of the requested area is approximately: 72

Number of customer connections in the requested area: 0

The closest city or town: Fulshear

Approximate mileage to closest city or town center: 3

Direction to closest city or town: East

The requested area is generally bounded on the North by: FM 1093

on the East by: Kitty Hawk Street West

on the South by: FM 359

on the West by: FM 359

34. A copy of the proposed map will be available at 118 Vintage Park Blvd. Suite W-200, Houston, Texas 77070

Applicant's Oath

STATE OF Texas

COUNTY OF Harris

I, Jerry A. Hayley being duly sworn, file this application to
obtain or amend a water or sewer CCN, as President of Broadacre Development Solutions
(owner, member of partnership, title as officer of corporation, or authorized representative)

I attest that, in such capacity, I am qualified and authorized to file and verify such application, am personally familiar with the documents filed with this application, and have complied with all the requirements contained in the application; and, that all such statements made and matters set forth therein with respect to Applicant are true and correct. Statements about other parties are made on information and belief. I further state that the application is made in good faith and that this application does not duplicate any filing presently before the Commission.

I further represent that the application form has not been changed, altered, or amended from its original form.
I further represent that the Applicant will provide continuous and adequate service to all customers and qualified applicants within its certificated service area should its request to obtain or amend its CCN be granted.

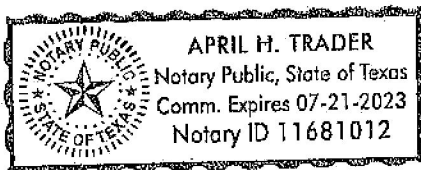


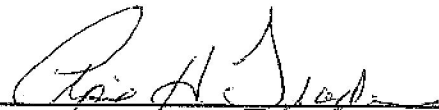
AFFIANT
(Utility's Authorized Representative)

If the Affiant to this form is any person other than the sole owner, partner, officer of the Applicant, or its attorney, a properly verified Power of Attorney must be enclosed.

SUBSCRIBED AND SWORN BEFORE ME, a Notary Public in and for the State of Texas
this day the 14th of March, 2023

SEAL





NOTARY PUBLIC IN AND FOR THE
STATE OF TEXAS

April H. Trader
PRINT OR TYPE NAME OF NOTARY

My commission expires:

7/21/2023

Appendix A: Historical Financial Information (Balance Sheet and Income Schedule)

(Audited financial statements may be substituted for this schedule – see item 29 of the instructions)

HISTORICAL BALANCE SHEETS (ENTER DATE OF YEAR END)	CURRENT(A) (- -)	A-1 YEAR (- -)	A-2 YEAR (- -)	A-3 YEAR (- -)	A-4 YEAR (- -)	A-5 YEAR (- -)
CURRENT ASSETS						
Cash						
Accounts Receivable						
Inventories						
Other						
A. Total Current Assets						
FIXED ASSETS						
Land						
Collection/Distribution System						
Buildings						
Equipment						
Other						
Less: Accum. Depreciation or Reserves						
B. Total Fixed Assets						
C. TOTAL Assets (A + B)						
CURRENT LIABILITIES						
Accounts Payable						
Notes Payable, Current						
Accrued Expenses						
Other						
D. Total Current Liabilities						
LONG TERM LIABILITIES						
Notes Payable, Long-term						
Other						
E. Total Long Term Liabilities						
F. TOTAL LIABILITIES (D + E)						
OWNER'S EQUITY						
Paid in Capital						
Retained Equity						
Other						
Current Period Profit or Loss						
G. TOTAL OWNER'S EQUITY						
TOTAL LIABILITIES+EQUITY (F + G) = C						
WORKING CAPITAL (A - D)						
CURRENT RATIO (A / D)						
DEBT TO EQUITY RATIO (E / G)						

DO NOT INCLUDE ATTACHMENTS A OR B IF LEFT BLANK

HISTORICAL NET INCOME INFORMATION						
(ENTER DATE OF YEAR END)	CURRENT(A) (- -)	A-1 YEAR (- - -)	A-2 YEAR (- - -)	A-3 YEAR (- - -)	A-4 YEAR (- - -)	A-5 YEAR (- - -)
METER NUMBER						
Existing Number of Taps						
New Taps Per Year						
Total Meters at Year End						
METER REVENUE						
Revenue per Meter (use for projections)						
Expense per Meter (use for projections)						
Operating Revenue Per Meter						
GROSS WATER REVENUE						
Revenues- Base Rate & Gallonage Fees						
Other (Tap, reconnect, transfer fees, etc.)						
Gross Income						
EXPENSES						
General & Administrative (see schedule)						
Operating (see schedule)						
Interest						
Other (list)						
NET INCOME						

Appendix B: Projected Information

HISTORICAL BALANCE SHEETS (ENTER DATE OF YEAR END)	CURRENT(A) (- -)	A-1 YEAR (- -)	A-2 YEAR (- -)	A-3 YEAR (- -)	A-4 YEAR (- -)	A-5 YEAR (- -)
CURRENT ASSETS						
Cash						
Accounts Receivable						
Inventories						
Income Tax Receivable						
Other						
A. Total Current Assets						
FIXED ASSETS						
Land						
Collection/Distribution System						
Buildings						
Equipment						
Other						
Less: Accum. Depreciation or Reserves						
B. Total Fixed Assets						
C. TOTAL Assets (A + B)						
CURRENT LIABILITIES						
Accounts Payable						
Notes Payable, Current						
Accrued Expenses						
Other						
D. Total Current Liabilities						
LONG TERM LIABILITIES						
Notes Payable, Long-term						
Other						
E. Total Long Term Liabilities						
F. TOTAL LIABILITIES (D + E)						
OWNER'S EQUITY						
Paid in Capital						
Retained Equity						
Other						
Current Period Profit or Loss						
G. TOTAL OWNER'S EQUITY						
TOTAL LIABILITIES+EQUITY (F + G) = C						
WORKING CAPITAL (A - D)						
CURRENT RATIO (A / D)						
DEBT TO EQUITY RATIO (F / G)						

PROJECTED NET INCOME INFORMATION						
(ENTER DATE OF YEAR END)	CURRENT(A) (- -)	A-1 YEAR (- -)	A-2 YEAR (- -)	A-3 YEAR (- -)	A-4 YEAR (- -)	A-5 YEAR (- -)
METER NUMBER						
Existing Number of Taps						
New Taps Per Year						
Total Meters at Year End						
METER REVENUE						
Revenue per Meter (use for projections)						
Expense per Meter (use for projections)						
Operating Revenue Per Meter						
GROSS WATER REVENUE						
Revenues- Base Rate & Gallonage Fees						
Other (Tap, reconnect, transfer fees, etc.)						
Gross Income						
EXPENSES						
General & Administrative (see schedule)						
Operating (see schedule)						
Interest						
Other (list)						
NET INCOME						

PROJECTED EXPENSE DETAIL	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTALS
GENERAL/ADMINISTRATIVE EXPENSES						
Salaries						
Office						
Computer						
Auto						
Insurance						
Telephone						
Utilities						
Depreciation						
Property Taxes						
Professional Fees						
Other						
Total						
% Increase Per projected Year	0%	0%	0%	0%	0%	0%
OPERATIONAL EXPENSES						
Salaries						
Auto						
Utilities						
Depreciation						
Repair & Maintenance						
Supplies						
Other						
Total						

PROJECTED SOURCES AND USES OF CASH STATEMENTS	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTALS
SOURCES OF CASH						
Net Income						
Depreciation (If funded by revenues of system)						
Loan Proceeds						
Other						
Total Sources						
USES OF CASH						
Net Loss						
Principle Portion of Pmts.						
Fixed Asset Purchase						
Reserve						
Other						
Total Uses						
NET CASH FLOW						
DEBT SERVICE COVERAGE						
Cash Available for Debt (CADS)						
A: Net Income (Loss)						
B: Depreciation, or Reserve Interest						
C: Total CADS (A + B = C)						
D: DEBT SERVICE						
Annual Principle Plus Interest						
E: DEBT SERVICE COVERAGE RATIO						
CADS Divided by DS (E = C / D)						

PART "A"

EXHIBITS



Franchise Tax Account Status

As of : 03/08/2023 19:20:01

This page is valid for most business transactions but is not sufficient for filings with the Secretary of State

T & W WATER SERVICE COMPANY

Texas Taxpayer Number 17420569893

Mailing Address PO BOX 2927 CONROE, TX 77305-2927

? Right to Transact Business in Texas ACTIVE

State of Formation TX

Effective SOS Registration Date 01/18/1979

Texas SOS File Number 0046041000

Registered Agent Name C T CORPORATION SYSTEM

Registered Office Street Address 1999 BRYAN ST., STE. 900 DALLAS, TX 75201

PART "B"

EXHIBITS



parkwayfellowship

27043 FM 1093 Rd
Richmond, TX 77406
Tel: 832-222-9282
Fax: 832-222-9283
www.parkwayfellowship.com

January 25, 2023

Mr. Ron Payne
Blue Topaz Utilities
12284 FM 3083
Conroe, TX 77301

Mr. Payne:

Parkway Fellowship is the owner of the 66.517-acre tract in Fort Bend County at the Southeast corner of FM 359 and FM 1093. We formally request water and sewer service for this development and appoint VR General Partner LLC to act as its agent in all matters pertaining to this request.

Respectfully,

Michael D. McGown, Jr.
Senior Pastor

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



PWS_0790610_CO_20210903_Plan Ltr

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 3, 2021

Mr. Mark L. Urback, P.E.
Quadvest, L.P.
26926 Farm To Market Road 2978
Magnolia, Texas 77354

Re: McKinnon Water Plant - Public Water System ID No. 0790610
Proposed Water Well and Water Plant - Well No. 1
Engineer Contact Telephone: (281) 356-5347
Plan Review Log No. P-07062021-025
Fort Bend County, Texas

CN602944746; RN111313268

Dear Mr. Urback:

On July 6, 2021, the Texas Commission of Environmental Quality (TCEQ) received planning material with your letter dated August 13, 2021 for the proposed water well and plant. Based on our review of the information submitted, the project generally meets the minimum requirements of Title 30 Texas Administrative Code (TAC) Chapter 290 - Rules and Regulations for Public Water Systems and is **conditionally approved for construction** if the project plans and specifications meet the following requirement(s):

1. Corrosive indices will be used to calculate corrosivity of the water from new source. Corrosive or aggressive water could result in aesthetic problems, increased levels of toxic metals, and deterioration of household plumbing and fixtures. **If the water appears to be corrosive, the system will be required to conduct a study and submit an engineering report that addresses corrosivity issues or may choose to install corrosion control treatment before use may be granted.** All changes in treatment require submittal of plans and specifications for approval by TCEQ.
2. Pursuant to 30 TAC Section 290.110(a) "*Applicability. All public water systems shall properly disinfect water before it is distributed to any customer and shall maintain acceptable disinfectant residuals within the distribution system*". Since this project is for a groundwater system and includes installation of only one chemical feed pump, it is recommended that at least one additional, appropriately sized, chemical feed pump be installed, or on the shelf as a backup, so that the system can maintain disinfectant residual within its distribution system as required by this rule.

Texas Water Code Section 36.0015 allows for the creation of groundwater conservation districts (GCDs) as the preferred method of groundwater management. GCDs manage groundwater in many counties and are authorized to regulate production and spacing of water wells. **Public water systems drilling wells within an existing GCD are responsible for meeting the GCD's requirements.** The authorization provided in this letter does not affect GCD authority to manage groundwater or issue permits.

The design engineer or water system representative is required to notify the Plan Review Team in writing by fax at (512) 239-6972 or by emailing kamal.adhikari@tceq.texas.gov and cc: vera.poe@tceq.texas.gov at least 48 hours before the well casing pressure cementing begins. If pressure cementing is to begin on Monday, then they must give notification on the preceding Thursday. If pressure cementing is to begin on Tuesday, then they must give notification on the preceding Friday.

The TCEQ does not approve this well for use as a public water supply at this time. We have enclosed a copy of the "Public Well Completion Data Checklist for Approval to Use (Step 2)". We provide this checklist to help you in obtaining approval to use this well.

The submittal consisted of 12 sheets of engineering drawings, technical specifications, and an engineering summary. The proposed project consists of:

- One (1) public water supply well drilled to 360 feet with 320 linear feet (lf) of 6-inch outside diameter (od) pressure-cemented steel casing;
- 40 lf of 4-inch od rod base stainless-steel screen, 20 lf of 4-inch od blank steel liner;
- The well is rated for 200 gallons per minute (gpm) yield with a 20 horsepower, submersible pump set at 255 feet deep. The design capacity of the pump is 200 gpm at 282 feet total dynamic head;
- Well head concrete sealing block and well head piping including screened vent, flow meter, sample tap and pressure gauge;
- One 202,306-gallon AWWA D103 factory coated bolted steel ground storage tank;
- Pump building to house four 500 gpm, 30 horsepower each end suction centrifugal water supply pumps with associated piping, valves, and controls;
- One 5,000-gallon ASME hydropneumatics pressure tank with air compressor;
- Hypochlorination feed system with one 55-gallon high density polyethylene chemical storage tank and peristaltic metering pump having a capacity of up to 22 gallons per day with associated piping, valves, and control;
- One 200-kilowatt standby diesel-powered generator set with a manual transfer switch to provide emergency back-up power to the water well, booster pumps, disinfection system and other miscellaneous appurtenances at the plant site.

This approval is for the construction of the above listed items only. Any wastewater components contained in this design were not considered.

The authorization provided in this letter does not relieve a Public Water System from the need to comply with other applicable state and federal regulations.

The McKinnon Water Plant public water system provides water treatment.

The project is located approximately 185 feet north of the intersection of Farm to Market Road 359 and McKinnon Road in Fort Bend County, Texas.

An appointed engineer must notify the TCEQ's Region 12 Office in Houston at (713) 767-3500 when construction will start. Please keep in mind that upon completion of the water works project, the engineer or owner will notify the commission's Water Supply Division, in writing, as to its completion and attest to the fact that the completed work is substantially in accordance with the plans and change orders on file with the commission as required in 30 TAC Section 290.39(h)(3).

Please refer to the Plan Review Team's Log No. P-07062021-025 in all correspondence for this project.

Mr. Mark L. Urback, P.E.
Page 3
September 3, 2021

Please complete a copy of the most current Public Water System Plan Review Submittal form for any future submittals to TCEQ. Every blank on the form must be completed to minimize any delays in the review of your project. The document is available on TCEQ's website at the address shown below. You can also download the most current plan submittal checklists and forms from the same address.

<https://www.tceq.texas.gov/drinkingwater/udpubs.html>

For future reference, you can review part of the Plan Review Team's database to see if we have received your project. This is available on TCEQ's website at the following address:

<https://www.tceq.texas.gov/drinkingwater/planrev.html/#status>

You can download the latest revision of 30 TAC Chapter 290 - Rules and Regulations for Public Water Systems from this site.

If you have any questions concerning this letter or need further assistance, please contact Kamal Adhikari at (512)239-0680 or by email at kamal.adhikari@tceq.texas.gov or by correspondence at the following address:

Plan Review Team, MC-159
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Sincerely,



John Lock, P.E.
Plan Review Team
Plan and Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality



Vera Poe, P.E., Team Leader
Plan Review Team
Plan and Technical Review Section
Water Supply Division
Texas Commission on Environmental Quality

VP/JL/KA/av

Enclosure: "Public Well Completion Data Checklist for Approval to Use (Step 2)"

cc: McKinnon Water Plant - Attn: Water Utilities Official, 26926 FM Road 2978, Magnolia,
Texas 77354

Public Well Completion Data Checklist for Approval to Use (Step 2)

Texas Commission on Environmental Quality
Water Supply Division
Plan Review Team MC-159
P.O. Box 13087, Austin, Texas 78711-3087

Public Water System I.D. No. _____
TCEQ Log No. P- _____

The following list is a brief outline of the "Rules for Public Water Systems", 30 TAC Chapter 290 regarding proposed Water Supply Well Completion. Failure to submit the following items may delay project approval. Copies of the rules may be obtained from Texas Register, 1019 Brazos St, Austin, TX, 78701-2413, Phone: (512) 463-5561 or downloaded from the website: <http://www.tceq.texas.gov/rules/indxpdf.html>

Any well proposed as a source of water for a public water supply must have plans approved for construction by TCEQ. Please include the well construction approval letter with your submittal of well completion data listed below for TCEQ evaluation. Based on review of this submitted data, approval may be given for use of the well.

1. ☐ Site map(s) at appropriate scales showing the following: [§290.41(c)(3)(A)]
 - ☐ (i) Final location of the well with coordinates;
 - ☐ (ii) Named roadways;
 - ☐ (iii) All property boundaries within 150 feet of the final well location and the property owners' names;
 - ☐ (iv) Concentric circles with the final well location as the center point with radii of 10 feet, 50 feet, 150 feet, and ¼ mile;
 - ☐ (v) Any site improvements and existing buildings;
 - ☐ (vi) Any existing or potential pollution hazards; and
 - ☐ (vii) Map must be scalable with a north arrow.
2. ☐ A copy of the recorded deed of the property on which the well is located showing the Public Water System (PWS) as the landowner, and/or any of the following:
[§290.41(c)(1)(F)(iv)]
 - ☐ (i) Sanitary control easements (filed at the county courthouse and bearing the county clerk's stamp) covering all land within 150 feet of the well not owned by the PWS (for a sample easement see TCEQ Form 20698);
 - ☐ (ii) For a political subdivision, a copy of an ordinance or land use restriction adopted and enforced by the political subdivision which provides an equivalent or higher level of sanitary protection to the well as a sanitary control easement; and/or
 - ☐ (iii) A copy of a letter granting an exception to the sanitary control easement rule issued by TCEQ's Technical Review and Oversight Team.
3. ☐ Construction data on the completed well: [§290.41(c)(3)(A)]
 - ☐ (i) Final installed pump data including capacity in gallons per minute (gpm), total dynamic head (tdh) in feet, motor horsepower, and setting depth;
 - ☐ (ii) Bore hole diameter(s) (must be 3" larger than casing OD) and total well depth;
 - ☐ (iii) Casing size, length, and material (e.g. 200 lf of 12" PVC ASTM F480 SDR-17);
 - ☐ (iv) Length and material of any screens, blanks, and/or gravel packs utilized;
 - ☐ (v) Cementing depth and pressure method (one of the methods in latest revision of AWWA Standard A-100, Appendix C, excluding the dump bailer and tremie methods);
 - ☐ (vi) Driller's geologic log of strata penetrated during the drilling of the well;
 - ☐ (vii) Cementing certificate; and

Public Well Completion Data Checklist for Approval to Use (Step 2)

- ☐ (viii) Copy of the official State of Texas Well Report (some of the preceding data is included on the Well Report).
4. ☐ A U.S. Geological Survey 7.5-minute topographic quadrangle map (include quadrangle name and number) or a legible copy showing the location of the completed well; [§290.41(c)(3)(A)]
5. ☐ Record of a 36-hour continuous pump test on the well showing stable production at the well's rated capacity. Include the following: [§290.41(c)(3)(G)]
- ☐ (i) Test pump capacity in gpm, tdh in feet, and horsepower of the pump motor;
 - ☐ (ii) Test pump setting depth;
 - ☐ (iii) Static water level (in feet); and
 - ☐ (iv) Draw down (in feet).
6. ☐ Three bacteriological analysis reports for samples collected on three successive days showing raw well water to be free of coliform organisms. Reports must be for samples of raw (untreated) water from the disinfected well and submitted to a laboratory accredited by TCEQ, accredited to perform these test; and [§290.41(c)(3)(F)(i)]
7. ☐ Chemical analysis reports for well water samples showing the water to be of acceptable quality for the most problematic contaminants listed below. Reports must come from a laboratory accredited by TCEQ; accredited to perform these tests. Maximum contaminant level (MCL) and secondary constituent level (SCL) units are in milligrams per liter (except arsenic which is in micrograms per liter). [§290.41(c)(3)(G) and §290.104 and §290.105]

Table 1: Primary Constituents with Maximum Contaminant Level (MCL)

PRIMARY	MCL
Nitrate	10 (as N)
Nitrite	1 (as N)
Arsenic	10
Fluoride	4.0

Table 2: Secondary Constituents with Secondary Contaminant Level (SCL)

SECONDARY	SCL
Aluminum	0.2
Copper	1.0
Iron	0.3
Manganese	0.05
Zinc	5.0
Total Dissolved Solids	1,000
Fluoride	2.0
Sulfate	300
Chloride	300
pH	> 7.0

Public Well Completion Data Checklist for Approval to Use (Step 2)

Table 3: Water Quality Parameters

PARAMETER	UNITS
Alkalinity as CaCO ₃	mg/L
Calcium as CaCO ₃	mg/L
Sodium	mg/L
Lead*	mg/L

Lead is regulated by the lead and copper rule. This analyte is to document the amount of lead in the source water. The level shall be less than 0.010 mg/L for approval to use.

All systems located in a high-risk county (see page 3) shall submit radiological analysis reports for water samples showing the water to be of acceptable quality for the contaminants listed below. Reports must come from a TCEQ accredited laboratory for approval to use of the well.

Table 4: Radionuclides with Maximum Contaminant Level (MCL)

CONTAMINANT	MCL
Gross alpha	15 pCi/L
Radium-226/228	5 pCi/L
Beta particle	50 pCi/L
Uranium	30 µg/L

WHERE: pCi/L = pico curies per liter, µg/L = micrograms per liter

Please be aware when you review your radiological data that if the report has gross alpha over 15 pCi/L and individual uranium isotopes are not reported, you will have to resample or reanalyze and resubmit radionuclide results. If you see gross alpha plus radium-228 over 5 pCi/L, and don't have radium-226, you will have to resample or reanalyze and resubmit complete results.

List of Counties Where Radionuclide Testing Is required

Please be aware that we have added the requirement for analysis for radionuclides for high risk counties. For elevated levels of any contaminants found in a test well, treatment or blending may be required.

Table 5: List of Counties where Radionuclide Testing is required

COUNTY				
Atascosa	Bandera	Bexar	Bosque	Brazoria
Brewster	Burnet	Concho	Culberson	Dallam
Dawson	Erath	Fort Bend	Frio	Garza
Gillespie	Gray	Grayson	Harris	Hudspeth
Irion	Jeff Davis	Jim Wells	Kendall	Kent
Kerr	Kleberg	Liberty	Llano	Lubbock
McCulloch	Mason	Matagorda	Medina	Midland
Montgomery	Moore	Parker	Pecos	Polk
Presidio	Refugio	San Jacinto	San Saba	Tarrant
Travis	Tyler	Upton	Val Verde	Victoria
Walker	Washington	Wichita	Williamson	Zavala



TPDES PERMIT NO. WQ0015975001
[For TCEQ office use only - EPA I.D.
No. TX0141119]

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

PERMIT TO DISCHARGE WASTES
under provisions of
Section 402 of the Clean Water Act
and Chapter 26 of the Texas Water Code

Quadvest, L.P.

whose mailing address is

26926 Farm-to-Market Road 2978
Magnolia, Texas 77354

is authorized to treat and discharge wastes from the McKinnon Wastewater Treatment Facility, SIC Code 4941

located approximately 0.38 miles southeast of the intersection of Farm-to-Market Road 1093 and Farm-to-Market Road 1463, in Fort Bend County, Texas 77441

to Flewellen Creek, thence to Upper Oyster Creek in Segment No. 1245 of the Brazos River Basin

only according to effluent limitations, monitoring requirements, and other conditions set forth in this permit, as well as the rules of the Texas Commission on Environmental Quality (TCEQ), the laws of the State of Texas, and other orders of the TCEQ. The issuance of this permit does not grant to the permittee the right to use private or public property for conveyance of wastewater along the discharge route described in this permit. This includes, but is not limited to, property belonging to any individual, partnership, corporation, or other entity. Neither does this permit authorize any invasion of personal rights nor any violation of federal, state, or local laws or regulations. It is the responsibility of the permittee to acquire property rights as may be necessary to use the discharge route.

This permit shall expire at midnight, **five years from the date of issuance.**

ISSUED DATE: November 18, 2021

A handwritten signature in black ink, appearing to read "T. G. Baker", written over a horizontal line.

For the Commission

INTERIM I EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSOutfall Number 001

- During the period beginning upon the date of issuance and lasting through the completion of expansion to the 0.025 million gallons per day (MGD) facility, the permittee is authorized to discharge subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 0.01 MGD, nor shall the average discharge during any two-hour period (2-hour peak) exceed 28 gallons per minute.

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Min. Self-Monitoring Requirements</u>	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Max. Single Grab Measurement Frequency	Sample Type
Flow, MGD	Report	N/A	Report	N/A	Five/week	Instantaneous
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (0.83)	15	25	35	One/week	Grab
Total Suspended Solids	15 (1.3)	25	40	60	One/week	Grab
Ammonia Nitrogen	3 (0.25)	6	10	15	One/week	Grab
<i>E. coli</i> , colony-forming units or most probable number per 100 ml	126	N/A	N/A	399	One/quarter	Grab

- The effluent shall contain a chlorine residual of at least 1.0 mg/l and shall not exceed a chlorine residual of 4.0 mg/l after a detention time of at least 20 minutes (based on peak flow), and shall be monitored five times per week by grab sample. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.
- The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once per month by grab sample.
- There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
- Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.
- The effluent shall contain a minimum dissolved oxygen of 4.0 mg/l and shall be monitored once per week by grab sample.

INTERIM II EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSOutfall Number 001

1. During the period beginning upon the completion of expansion to the 0.025 million gallons per day (MGD) facility and lasting through the completion of expansion to the 0.05 MGD facility, the permittee is authorized to discharge subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 0.025 MGD, nor shall the average discharge during any two-hour period (2-hour peak) exceed 69 gallons per minute.

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Min. Self-Monitoring Requirements</u>	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Max. Single Grab Measurement Frequency	Sample Type
Flow, MGD	Report	N/A	Report	N/A	Five/week	Instantaneous
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (2.1)	15	25	35	One/week	Grab
Total Suspended Solids	15 (3.1)	25	40	60	One/week	Grab
Ammonia Nitrogen	3 (0.63)	6	10	15	One/week	Grab
<i>E. coli</i> , colony-forming units or most probable number per 100 ml	126	N/A	N/A	399	One/quarter	Grab

2. The effluent shall contain a chlorine residual of at least 1.0 mg/l and shall not exceed a chlorine residual of 4.0 mg/l after a detention time of at least 20 minutes (based on peak flow), and shall be monitored five times per week by grab sample. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.
3. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once per month by grab sample.
4. There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
5. Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.
6. The effluent shall contain a minimum dissolved oxygen of 4.0 mg/l and shall be monitored once per week by grab sample.

FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSOutfall Number 001

1. During the period beginning upon the completion of expansion to the 0.05 million gallons per day (MGD) facility and lasting through the date of expiration, the permittee is authorized to discharge subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 0.05 MGD, nor shall the average discharge during any two-hour period (2-hour peak) exceed 139 gallons per minute.

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Min. Self-Monitoring Requirements</u>	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Max. Single Grab Measurement Frequency	Sample Type
Flow, MGD	Report	N/A	Report	N/A	Five/week	Instantaneous
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (4.2)	15	25	35	One/week	Grab
Total Suspended Solids	15 (6.3)	25	40	60	One/week	Grab
Ammonia Nitrogen	2 (0.83)	5	10	15	One/week	Grab
<i>E. coli</i> , colony-forming units or most probable number per 100 ml	126	N/A	N/A	399	One/quarter	Grab

2. The effluent shall contain a chlorine residual of at least 1.0 mg/l and shall not exceed a chlorine residual of 4.0 mg/l after a detention time of at least 20 minutes (based on peak flow), and shall be monitored five times per week by grab sample. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.
3. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once per month by grab sample.
4. There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
5. Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.
6. The effluent shall contain a minimum dissolved oxygen of 4.0 mg/l and shall be monitored once per week by grab sample.

DEFINITIONS AND STANDARD PERMIT CONDITIONS

As required by Title 30 Texas Administrative Code (TAC) Chapter 305, certain regulations appear as standard conditions in waste discharge permits. 30 TAC § 305.121 - 305.129 (relating to Permit Characteristics and Conditions) as promulgated under the Texas Water Code (TWC) §§ 5.103 and 5.105, and the Texas Health and Safety Code (THSC) §§ 361.017 and 361.024(a), establish the characteristics and standards for waste discharge permits, including sewage sludge, and those sections of 40 Code of Federal Regulations (CFR) Part 122 adopted by reference by the Commission. The following text includes these conditions and incorporates them into this permit. All definitions in TWC § 26.001 and 30 TAC Chapter 305 shall apply to this permit and are incorporated by reference. Some specific definitions of words or phrases used in this permit are as follows:

1. Flow Measurements

- a. Annual average flow - the arithmetic average of all daily flow determinations taken within the preceding 12 consecutive calendar months. The annual average flow determination shall consist of daily flow volume determinations made by a totalizing meter, charted on a chart recorder and limited to major domestic wastewater discharge facilities with one million gallons per day or greater permitted flow.
- b. Daily average flow - the arithmetic average of all determinations of the daily flow within a period of one calendar month. The daily average flow determination shall consist of determinations made on at least four separate days. If instantaneous measurements are used to determine the daily flow, the determination shall be the arithmetic average of all instantaneous measurements taken during that month. Daily average flow determination for intermittent discharges shall consist of a minimum of three flow determinations on days of discharge.
- c. Daily maximum flow - the highest total flow for any 24-hour period in a calendar month.
- d. Instantaneous flow - the measured flow during the minimum time required to interpret the flow measuring device.
- e. 2-hour peak flow (domestic wastewater treatment plants) - the maximum flow sustained for a two-hour period during the period of daily discharge. The average of multiple measurements of instantaneous maximum flow within a two-hour period may be used to calculate the 2-hour peak flow.
- f. Maximum 2-hour peak flow (domestic wastewater treatment plants) - the highest 2-hour peak flow for any 24-hour period in a calendar month.

2. Concentration Measurements

- a. Daily average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar month, consisting of at least four separate representative measurements.
 - i. For domestic wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values in the previous four consecutive month period consisting of at least four measurements shall be utilized as the daily average concentration.

- ii. For all other wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values taken during the month shall be utilized as the daily average concentration.
- b. 7-day average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar week, Sunday through Saturday.
- c. Daily maximum concentration - the maximum concentration measured on a single day, by the sample type specified in the permit, within a period of one calendar month.
- d. Daily discharge - the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the sampling day.

The daily discharge determination of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the daily discharge determination of concentration shall be the arithmetic average (weighted by flow value) of all samples collected during that day.

- e. Bacteria concentration (*E. coli* or Enterococci) - Colony Forming Units (CFU) or Most Probable Number (MPN) of bacteria per 100 milliliters effluent. The daily average bacteria concentration is a geometric mean of the values for the effluent samples collected in a calendar month. The geometric mean shall be determined by calculating the n th root of the product of all measurements made in a calendar month, where n equals the number of measurements made; or, computed as the antilogarithm of the arithmetic mean of the logarithms of all measurements made in a calendar month. For any measurement of bacteria equaling zero, a substituted value of one shall be made for input into either computation method. If specified, the 7-day average for bacteria is the geometric mean of the values for all effluent samples collected during a calendar week.
 - f. Daily average loading (lbs/day) - the arithmetic average of all daily discharge loading calculations during a period of one calendar month. These calculations must be made for each day of the month that a parameter is analyzed. The daily discharge, in terms of mass (lbs/day), is calculated as (Flow, MGD x Concentration, mg/l x 8.34).
 - g. Daily maximum loading (lbs/day) - the highest daily discharge, in terms of mass (lbs/day), within a period of one calendar month.
3. Sample Type
- a. Composite sample - For domestic wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (a). For industrial wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (b).

- b. Grab sample - an individual sample collected in less than 15 minutes.
- 4. Treatment Facility (facility) - wastewater facilities used in the conveyance, storage, treatment, recycling, reclamation and/or disposal of domestic sewage, industrial wastes, agricultural wastes, recreational wastes, or other wastes including sludge handling or disposal facilities under the jurisdiction of the Commission.
- 5. The term "sewage sludge" is defined as solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in 30 TAC Chapter 312. This includes the solids that have not been classified as hazardous waste separated from wastewater by unit processes.
- 6. The term "biosolids" is defined as sewage sludge that has been tested or processed to meet Class A, Class AB, or Class B pathogen standards in 30 TAC Chapter 312 for beneficial use.
- 7. Bypass - the intentional diversion of a waste stream from any portion of a treatment facility.

MONITORING AND REPORTING REQUIREMENTS

1. Self-Reporting

Monitoring results shall be provided at the intervals specified in the permit. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall conduct effluent sampling and reporting in accordance with 30 TAC §§ 319.4 - 319.12. Unless otherwise specified, effluent monitoring data shall be submitted each month, to the Compliance Monitoring Team of the Enforcement Division (MC 224), by the 20th day of the following month for each discharge which is described by this permit whether or not a discharge is made for that month. Monitoring results must be submitted online using the NetDMR reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. Monitoring results must be signed and certified as required by Monitoring and Reporting Requirements No. 10.

As provided by state law, the permittee is subject to administrative, civil and criminal penalties, as applicable, for negligently or knowingly violating the Clean Water Act (CWA); TWC §§ 26, 27, and 28; and THSC § 361, including but not limited to knowingly making any false statement, representation, or certification on any report, record, or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, or falsifying, tampering with or knowingly rendering inaccurate any monitoring device or method required by this permit or violating any other requirement imposed by state or federal regulations.

2. Test Procedures

- a. Unless otherwise specified in this permit, test procedures for the analysis of pollutants shall comply with procedures specified in 30 TAC §§ 319.11 - 319.12. Measurements, tests, and calculations shall be accurately accomplished in a representative manner.
- b. All laboratory tests submitted to demonstrate compliance with this permit must meet the requirements of 30 TAC § 25, Environmental Testing Laboratory Accreditation and Certification.

3. Records of Results

- a. Monitoring samples and measurements shall be taken at times and in a manner so as to

be representative of the monitored activity.

- b. Except for records of monitoring information required by this permit related to the permittee's sewage sludge use or biosolids and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503), monitoring and reporting records, including strip charts and records of calibration and maintenance, copies of all records required by this permit, records of all data used to complete the application for this permit, and the certification required by 40 CFR § 264.73(b)(9) shall be retained at the facility site, or shall be readily available for review by a TCEQ representative for a period of three years from the date of the record or sample, measurement, report, application or certification. This period shall be extended at the request of the Executive Director.
- c. Records of monitoring activities shall include the following:
 - i. date, time and place of sample or measurement;
 - ii. identity of individual who collected the sample or made the measurement.
 - iii. date and time of analysis;
 - iv. identity of the individual and laboratory who performed the analysis;
 - v. the technique or method of analysis; and
 - vi. the results of the analysis or measurement and quality assurance/quality control records.

The period during which records are required to be kept shall be automatically extended to the date of the final disposition of any administrative or judicial enforcement action that may be instituted against the permittee.

4. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit using approved analytical methods as specified above, all results of such monitoring shall be included in the calculation and reporting of the values submitted on the approved self-report form. Increased frequency of sampling shall be indicated on the self-report form.

5. Calibration of Instruments

All automatic flow measuring or recording devices and all totalizing meters for measuring flows shall be accurately calibrated by a trained person at plant start-up and as often thereafter as necessary to ensure accuracy, but not less often than annually unless authorized by the Executive Director for a longer period. Such person shall verify in writing that the device is operating properly and giving accurate results. Copies of the verification shall be retained at the facility site and/or shall be readily available for review by a TCEQ representative for a period of three years.

6. Compliance Schedule Reports

Reports of compliance or noncompliance with, or any progress reports on, interim and final

requirements contained in any compliance schedule of the permit shall be submitted no later than 14 days following each schedule date to the Regional Office and the Compliance Monitoring Team of the Enforcement Division (MC 224).

7. Noncompliance Notification

- a. In accordance with 30 TAC § 305.125(9) any noncompliance which may endanger human health or safety, or the environment shall be reported by the permittee to the TCEQ. Except as allowed by 30 TAC § 305.132, report of such information shall be provided orally or by facsimile transmission (FAX) to the Regional Office within 24 hours of becoming aware of the noncompliance. A written submission of such information shall also be provided by the permittee to the Regional Office and the Compliance Monitoring Team of the Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. For Publicly Owned Treatment Works (POTWs), effective December 21, 2023, the permittee must submit the written report for unauthorized discharges and unanticipated bypasses that exceed any effluent limit in the permit using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.
 - b. The following violations shall be reported under Monitoring and Reporting Requirement 7.a.:
 - i. Unauthorized discharges as defined in Permit Condition 2(g).
 - ii. Any unanticipated bypass that exceeds any effluent limitation in the permit.
 - iii. Violation of a permitted maximum daily discharge limitation for pollutants listed specifically in the Other Requirements section of an Industrial TPDES permit.
 - c. In addition to the above, any effluent violation which deviates from the permitted effluent limitation by more than 40% shall be reported by the permittee in writing to the Regional Office and the Compliance Monitoring Team of the Enforcement Division (MC 224) within 5 working days of becoming aware of the noncompliance.
 - d. Any noncompliance other than that specified in this section, or any required information not submitted or submitted incorrectly, shall be reported to the Compliance Monitoring Team of the Enforcement Division (MC 224) as promptly as possible. For effluent limitation violations, noncompliances shall be reported on the approved self-report form.
8. In accordance with the procedures described in 30 TAC §§ 35.301 - 35.303 (relating to Water Quality Emergency and Temporary Orders) if the permittee knows in advance of the need for a bypass, it shall submit prior notice by applying for such authorization.

9. Changes in Discharges of Toxic Substances

All existing manufacturing, commercial, mining, and silvicultural permittees shall notify the Regional Office, orally or by facsimile transmission within 24 hours, and both the Regional

Office and the Compliance Monitoring Team of the Enforcement Division (MC 224) in writing within five (5) working days, after becoming aware of or having reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant listed at 40 CFR Part 122, Appendix D, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - i. One hundred micrograms per liter (100 µg/L);
 - ii. Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - iii. Five (5) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. The level established by the TCEQ.
- b. That any activity has occurred or will occur which would result in any discharge, on a nonroutine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - i. Five hundred micrograms per liter (500 µg/L);
 - ii. One milligram per liter (1 mg/L) for antimony;
 - iii. Ten (10) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. The level established by the TCEQ.

10. Signatories to Reports

All reports and other information requested by the Executive Director shall be signed by the person and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports).

11. All POTWs must provide adequate notice to the Executive Director of the following:

- a. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to CWA § 301 or § 306 if it were directly discharging those pollutants;
- b. Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit; and
- c. For the purpose of this paragraph, adequate notice shall include information on:
 - i. The quality and quantity of effluent introduced into the POTW; and
 - ii. Any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

PERMIT CONDITIONS

1. General

- a. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in an application or in any report to the Executive Director, it shall promptly submit such facts or information.
- b. This permit is granted on the basis of the information supplied and representations made by the permittee during action on an application, and relying upon the accuracy and completeness of that information and those representations. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked, in whole or in part, in accordance with 30 TAC Chapter 305, Subchapter D, during its term for good cause including, but not limited to, the following:
 - i. Violation of any terms or conditions of this permit;
 - ii. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
 - iii. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
- c. The permittee shall furnish to the Executive Director, upon request and within a reasonable time, any information to determine whether cause exists for amending, revoking, suspending or terminating the permit. The permittee shall also furnish to the Executive Director, upon request, copies of records required to be kept by the permit.

2. Compliance

- a. Acceptance of the permit by the person to whom it is issued constitutes acknowledgment and agreement that such person will comply with all the terms and conditions embodied in the permit, and the rules and other orders of the Commission.
- b. The permittee has a duty to comply with all conditions of the permit. Failure to comply with any permit condition constitutes a violation of the permit and the Texas Water Code or the Texas Health and Safety Code, and is grounds for enforcement action, for permit amendment, revocation, or suspension, or for denial of a permit renewal application or an application for a permit for another facility.
- c. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
- d. The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal or other permit violation that has a reasonable likelihood of adversely affecting human health or the environment.
- e. Authorization from the Commission is required before beginning any change in the permitted facility or activity that may result in noncompliance with any permit requirements.
- f. A permit may be amended, suspended and reissued, or revoked for cause in accordance

with 30 TAC §§ 305.62 and 305.66 and TWC§ 7.302. The filing of a request by the permittee for a permit amendment, suspension and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

- g. There shall be no unauthorized discharge of wastewater or any other waste. For the purpose of this permit, an unauthorized discharge is considered to be any discharge of wastewater into or adjacent to water in the state at any location not permitted as an outfall or otherwise defined in the Other Requirements section of this permit.
- h. In accordance with 30 TAC § 305.535(a), the permittee may allow any bypass to occur from a TPDES permitted facility which does not cause permitted effluent limitations to be exceeded or an unauthorized discharge to occur, but only if the bypass is also for essential maintenance to assure efficient operation.
- i. The permittee is subject to administrative, civil, and criminal penalties, as applicable, under TWC §§ 7.051 - 7.075 (relating to Administrative Penalties), 7.101 - 7.111 (relating to Civil Penalties), and 7.141 - 7.202 (relating to Criminal Offenses and Penalties) for violations including, but not limited to, negligently or knowingly violating the federal CWA §§ 301, 302, 306, 307, 308, 318, or 405, or any condition or limitation implementing any sections in a permit issued under the CWA § 402, or any requirement imposed in a pretreatment program approved under the CWA §§ 402 (a)(3) or 402 (b)(8).

3. Inspections and Entry

- a. Inspection and entry shall be allowed as prescribed in the TWC Chapters 26, 27, and 28, and THSC § 361.
- b. The members of the Commission and employees and agents of the Commission are entitled to enter any public or private property at any reasonable time for the purpose of inspecting and investigating conditions relating to the quality of water in the state or the compliance with any rule, regulation, permit or other order of the Commission. Members, employees, or agents of the Commission and Commission contractors are entitled to enter public or private property at any reasonable time to investigate or monitor or, if the responsible party is not responsive or there is an immediate danger to public health or the environment, to remove or remediate a condition related to the quality of water in the state. Members, employees, Commission contractors, or agents acting under this authority who enter private property shall observe the establishment's rules and regulations concerning safety, internal security, and fire protection, and if the property has management in residence, shall notify management or the person then in charge of his presence and shall exhibit proper credentials. If any member, employee, Commission contractor, or agent is refused the right to enter in or on public or private property under this authority, the Executive Director may invoke the remedies authorized in TWC § 7.002. The statement above, that Commission entry shall occur in accordance with an establishment's rules and regulations concerning safety, internal security, and fire protection, is not grounds for denial or restriction of entry to any part of the facility, but merely describes the Commission's duty to observe appropriate rules and regulations during an inspection.

4. Permit Amendment and/or Renewal

- a. The permittee shall give notice to the Executive Director as soon as possible of any planned physical alterations or additions to the permitted facility if such alterations or additions would require a permit amendment or result in a violation of permit requirements. Notice shall also be required under this paragraph when:
 - i. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in accordance with 30 TAC § 305.534 (relating to New Sources and New Dischargers); or
 - ii. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants that are subject neither to effluent limitations in the permit, nor to notification requirements in Monitoring and Reporting Requirements No. 9; or
 - iii. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
- b. Prior to any facility modifications, additions, or expansions that will increase the plant capacity beyond the permitted flow, the permittee must apply for and obtain proper authorization from the Commission before commencing construction.
- c. The permittee must apply for an amendment or renewal at least 180 days prior to expiration of the existing permit in order to continue a permitted activity after the expiration date of the permit. If an application is submitted prior to the expiration date of the permit, the existing permit shall remain in effect until the application is approved, denied, or returned. If the application is returned or denied, authorization to continue such activity shall terminate upon the effective date of the action. If an application is not submitted prior to the expiration date of the permit, the permit shall expire and authorization to continue such activity shall terminate.
- d. Prior to accepting or generating wastes which are not described in the permit application or which would result in a significant change in the quantity or quality of the existing discharge, the permittee must report the proposed changes to the Commission. The permittee must apply for a permit amendment reflecting any necessary changes in permit conditions, including effluent limitations for pollutants not identified and limited by this permit.
- e. In accordance with the TWC § 26.029(b), after a public hearing, notice of which shall be given to the permittee, the Commission may require the permittee, from time to time, for good cause, in accordance with applicable laws, to conform to new or additional conditions.
- f. If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under CWA § 307(a) for a toxic pollutant which is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition. The permittee shall comply with effluent standards or prohibitions established under CWA § 307(a) for toxic pollutants within the time provided in the

regulations that established those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

5. Permit Transfer

- a. Prior to any transfer of this permit, Commission approval must be obtained. The Commission shall be notified in writing of any change in control or ownership of facilities authorized by this permit. Such notification should be sent to the Applications Review and Processing Team (MC 148) of the Water Quality Division.
- b. A permit may be transferred only according to the provisions of 30 TAC § 305.64 (relating to Transfer of Permits) and 30 TAC § 50.133 (relating to Executive Director Action on Application or WQMP update).

6. Relationship to Hazardous Waste Activities

This permit does not authorize any activity of hazardous waste storage, processing, or disposal that requires a permit or other authorization pursuant to the Texas Health and Safety Code.

7. Relationship to Water Rights

Disposal of treated effluent by any means other than discharge directly to water in the state must be specifically authorized in this permit and may require a permit pursuant to TWC Chapter 11.

8. Property Rights

A permit does not convey any property rights of any sort, or any exclusive privilege.

9. Permit Enforceability

The conditions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

10. Relationship to Permit Application

The application pursuant to which the permit has been issued is incorporated herein; provided, however, that in the event of a conflict between the provisions of this permit and the application, the provisions of the permit shall control.

11. Notice of Bankruptcy

- a. Each permittee shall notify the Executive Director, in writing, immediately following the filing of a voluntary or involuntary petition for bankruptcy under any chapter of Title 11 (Bankruptcy) of the United States Code (11 USC) by or against:
 - i. the permittee;
 - ii. an entity (as that term is defined in 11 USC, § 101(14)) controlling the permittee or listing the permit or permittee as property of the estate; or
 - iii. an affiliate (as that term is defined in 11 USC, § 101(2)) of the permittee.

- b. This notification must indicate:
- i. the name of the permittee and the permit number(s);
 - ii. the bankruptcy court in which the petition for bankruptcy was filed; and
 - iii. the date of filing of the petition.

OPERATIONAL REQUIREMENTS

1. The permittee shall at all times ensure that the facility and all of its systems of collection, treatment, and disposal are properly operated and maintained. This includes, but is not limited to, the regular, periodic examination of wastewater solids within the treatment plant by the operator in order to maintain an appropriate quantity and quality of solids inventory as described in the various operator training manuals and according to accepted industry standards for process control. Process control, maintenance, and operations records shall be retained at the facility site, or shall be readily available for review by a TCEQ representative, for a period of three years.
2. Upon request by the Executive Director, the permittee shall take appropriate samples and provide proper analysis in order to demonstrate compliance with Commission rules. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall comply with all applicable provisions of 30 TAC Chapter 312 concerning sewage sludge or biosolids use and disposal and 30 TAC §§ 319.21 - 319.29 concerning the discharge of certain hazardous metals.
3. Domestic wastewater treatment facilities shall comply with the following provisions:
 - a. The permittee shall notify the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, in writing, of any facility expansion at least 90 days prior to conducting such activity.
 - b. The permittee shall submit a closure plan for review and approval to the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, for any closure activity at least 90 days prior to conducting such activity. Closure is the act of permanently taking a waste management unit or treatment facility out of service and includes the permanent removal from service of any pit, tank, pond, lagoon, surface impoundment and/or other treatment unit regulated by this permit.
4. The permittee is responsible for installing prior to plant start-up, and subsequently maintaining, adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failures by means of alternate power sources, standby generators, and/or retention of inadequately treated wastewater.
5. Unless otherwise specified, the permittee shall provide a readily accessible sampling point and, where applicable, an effluent flow measuring device or other acceptable means by which effluent flow may be determined.
6. The permittee shall remit an annual water quality fee to the Commission as required by 30 TAC Chapter 21. Failure to pay the fee may result in revocation of this permit under TWC § 7.302(b)(6).

7. Documentation

For all written notifications to the Commission required of the permittee by this permit, the permittee shall keep and make available a copy of each such notification under the same conditions as self-monitoring data are required to be kept and made available. Except for information required for TPDES permit applications, effluent data, including effluent data in permits, draft permits and permit applications, and other information specified as not confidential in 30 TAC §§ 1.5(d), any information submitted pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted in the manner prescribed in the application form or by stamping the words confidential business information on each page containing such information. If no claim is made at the time of submission, information may be made available to the public without further notice. If the Commission or Executive Director agrees with the designation of confidentiality, the TCEQ will not provide the information for public inspection unless required by the Texas Attorney General or a court pursuant to an open records request. If the Executive Director does not agree with the designation of confidentiality, the person submitting the information will be notified.

8. Facilities that generate domestic wastewater shall comply with the following provisions; domestic wastewater treatment facilities at permitted industrial sites are excluded.

- a. Whenever flow measurements for any domestic sewage treatment facility reach 75% of the permitted daily average or annual average flow for three consecutive months, the permittee must initiate engineering and financial planning for expansion and/or upgrading of the domestic wastewater treatment and/or collection facilities. Whenever the flow reaches 90% of the permitted daily average or annual average flow for three consecutive months, the permittee shall obtain necessary authorization from the Commission to commence construction of the necessary additional treatment and/or collection facilities. In the case of a domestic wastewater treatment facility which reaches 75% of the permitted daily average or annual average flow for three consecutive months, and the planned population to be served or the quantity of waste produced is not expected to exceed the design limitations of the treatment facility, the permittee shall submit an engineering report supporting this claim to the Executive Director of the Commission.

If in the judgment of the Executive Director the population to be served will not cause permit noncompliance, then the requirement of this section may be waived. To be effective, any waiver must be in writing and signed by the Director of the Enforcement Division (MC 219) of the Commission, and such waiver of these requirements will be reviewed upon expiration of the existing permit; however, any such waiver shall not be interpreted as condoning or excusing any violation of any permit parameter.

- b. The plans and specifications for domestic sewage collection and treatment works associated with any domestic permit must be approved by the Commission and failure to secure approval before commencing construction of such works or making a discharge is a violation of this permit and each day is an additional violation until approval has been secured.
- c. Permits for domestic wastewater treatment plants are granted subject to the policy of the Commission to encourage the development of area-wide waste collection, treatment, and

disposal systems. The Commission reserves the right to amend any domestic wastewater permit in accordance with applicable procedural requirements to require the system covered by this permit to be integrated into an area-wide system, should such be developed; to require the delivery of the wastes authorized to be collected in, treated by or discharged from said system, to such area-wide system; or to amend this permit in any other particular to effectuate the Commission's policy. Such amendments may be made when the changes required are advisable for water quality control purposes and are feasible on the basis of waste treatment technology, engineering, financial, and related considerations existing at the time the changes are required, exclusive of the loss of investment in or revenues from any then existing or proposed waste collection, treatment or disposal system.

9. Domestic wastewater treatment plants shall be operated and maintained by sewage plant operators holding a valid certificate of competency at the required level as defined in 30 TAC Chapter 30.
10. For Publicly Owned Treatment Works (POTWs), the 30-day average (or monthly average) percent removal for BOD and TSS shall not be less than 85%, unless otherwise authorized by this permit.
11. Facilities that generate industrial solid waste as defined in 30 TAC § 335.1 shall comply with these provisions:
 - a. Any solid waste, as defined in 30 TAC § 335.1 (including but not limited to such wastes as garbage, refuse, sludge from a waste treatment, water supply treatment plant or air pollution control facility, discarded materials, discarded materials to be recycled, whether the waste is solid, liquid, or semisolid), generated by the permittee during the management and treatment of wastewater, must be managed in accordance with all applicable provisions of 30 TAC Chapter 335, relating to Industrial Solid Waste Management.
 - b. Industrial wastewater that is being collected, accumulated, stored, or processed before discharge through any final discharge outfall, specified by this permit, is considered to be industrial solid waste until the wastewater passes through the actual point source discharge and must be managed in accordance with all applicable provisions of 30 TAC Chapter 335.
 - c. The permittee shall provide written notification, pursuant to the requirements of 30 TAC § 335.8(b)(1), to the Corrective Action Section (MC 127) of the Remediation Division informing the Commission of any closure activity involving an Industrial Solid Waste Management Unit, at least 90 days prior to conducting such an activity.
 - d. Construction of any industrial solid waste management unit requires the prior written notification of the proposed activity to the Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division. No person shall dispose of industrial solid waste, including sludge or other solids from wastewater treatment processes, prior to fulfilling the deed recordation requirements of 30 TAC § 335.5.
 - e. The term "industrial solid waste management unit" means a landfill, surface impoundment, waste-pile, industrial furnace, incinerator, cement kiln, injection well, container, drum, salt dome waste containment cavern, or any other structure vessel, appurtenance, or other improvement on land used to manage industrial solid waste.

- f. The permittee shall keep management records for all sludge (or other waste) removed from any wastewater treatment process. These records shall fulfill all applicable requirements of 30 TAC § 335 and must include the following, as it pertains to wastewater treatment and discharge:
 - i. Volume of waste and date(s) generated from treatment process;
 - ii. Volume of waste disposed of on-site or shipped off-site;
 - iii. Date(s) of disposal;
 - iv. Identity of hauler or transporter;
 - v. Location of disposal site; and
 - vi. Method of final disposal.

The above records shall be maintained on a monthly basis. The records shall be retained at the facility site, or shall be readily available for review by authorized representatives of the TCEQ for at least five years.

- 12. For industrial facilities to which the requirements of 30 TAC § 335 do not apply, sludge and solid wastes, including tank cleaning and contaminated solids for disposal, shall be disposed of in accordance with THSC § 361.

TCEQ Revision 06/2020

SLUDGE PROVISIONS

The permittee is authorized to dispose of sludge or biosolids only at a Texas Commission on Environmental Quality (TCEQ) authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge. **The disposal of sludge or biosolids by land application on property owned, leased or under the direct control of the permittee is a violation of the permit unless the site is authorized with the TCEQ. This provision does not authorize Distribution and Marketing of Class A or Class AB Biosolids. This provision does not authorize the permittee to land apply biosolids on property owned, leased or under the direct control of the permittee.**

SECTION I. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE OR BIOSOLIDS LAND APPLICATION

A. General Requirements

1. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC § 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge or biosolids.
2. In all cases, if the person (permit holder) who prepares the sewage sludge supplies the sewage sludge to another person for land application use or to the owner or lease holder of the land, the permit holder shall provide necessary information to the parties who receive the sludge to assure compliance with these regulations.
3. The land application of processed or unprocessed chemical toilet waste, grease trap waste, grit trap waste, milk solids, or similar non-hazardous municipal or industrial solid wastes, or any of the wastes listed in this provision combined with biosolids, WTP residuals or domestic septage is prohibited unless the grease trap waste is added at a fats, oil and grease (FOG) receiving facility as part of an anaerobic digestion process.

B. Testing Requirements

1. Sewage sludge or biosolids shall be tested once during the term of this permit in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I [Toxicity Characteristic Leaching Procedure (TCLP)] or other method that receives the prior approval of the TCEQ for the contaminants listed in 40 CFR Part 261.24, Table 1. Sewage sludge or biosolids failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal. Following failure of any TCLP test, the management or disposal of sewage sludge or biosolids at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge or biosolids no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 12) within seven (7) days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P.O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. This annual report shall be submitted to the TCEQ Regional Office (MC Region 12) and the Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30th of each year. Effective December 21, 2020, the permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

2. Biosolids shall not be applied to the land if the concentration of the pollutants exceeds the pollutant concentration criteria in Table 1. The frequency of testing for pollutants in Table 1 is found in Section I.C. of this permit.

TABLE 1

<u>Pollutant</u>	<u>Ceiling Concentration</u> <u>(Milligrams per kilogram)*</u>
Arsenic	75
Cadmium	85
Chromium	3000
Copper	4300
Lead	840
Mercury	57
Molybdenum	75
Nickel	420
PCBs	49
Selenium	100
Zinc	7500

* Dry weight basis

3. Pathogen Control

All sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site must be treated by one of the following methods to ensure that the sludge meets either the Class A, Class AB or Class B biosolids pathogen requirements.

- a. For sewage sludge to be classified as Class A biosolids with respect to pathogens, the density of fecal coliform in the sewage sludge must be less than 1,000 most probable number (MPN) per gram of total solids (dry weight basis), or the density of *Salmonella* sp. bacteria in the sewage sludge must be less than three MPN per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. In addition, one of the alternatives listed below must be met:

Alternative 1 - The temperature of the sewage sludge that is used or disposed shall be maintained at or above a specific value for a period of time. See 30 TAC § 312.82(a)(2)(A) for specific information;

Alternative 5 (PFRP) - Sewage sludge that is used or disposed of must be treated in one of the Processes to Further Reduce Pathogens (PFRP) described in 40 CFR Part 503, Appendix B. PFRP include composting, heat drying, heat treatment, and thermophilic aerobic digestion; or

Alternative 6 (PFRP Equivalent) - Sewage sludge that is used or disposed of must be treated in a process that has been approved by the U. S. Environmental Protection Agency as being equivalent to those in Alternative 5.

- b. For sewage sludge to be classified as Class AB biosolids with respect to pathogens, the density of fecal coliform in the sewage sludge must be less than 1,000 MPN per gram of total solids (dry weight basis), or the density of *Salmonella* sp. bacteria in the sewage sludge be less than three MPN per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. In addition, one of the alternatives listed below must be met:

Alternative 2 - The pH of the sewage sludge that is used or disposed shall be raised to above 12 std. units and shall remain above 12 std. units for 72 hours.

The temperature of the sewage sludge shall be above 52° Celsius for 12 hours or longer during the period that the pH of the sewage sludge is above 12 std. units.

At the end of the 72-hour period during which the pH of the sewage sludge is above 12 std. units, the sewage sludge shall be air dried to achieve a percent solids in the sewage sludge greater than 50%; or

Alternative 3 - The sewage sludge shall be analyzed for enteric viruses prior to pathogen treatment. The limit for enteric viruses is less than one Plaque-forming Unit per four grams of total solids (dry weight basis) either before or following pathogen treatment. See 30 TAC § 312.82(a)(2)(C)(i-iii) for specific information. The sewage sludge shall be analyzed for viable helminth ova prior to pathogen treatment. The limit for viable helminth ova is less than one per four grams of total solids (dry weight basis) either before or following pathogen treatment. See 30 TAC § 312.82(a)(2)(C)(iv-vi) for specific information; or

Alternative 4 - The density of enteric viruses in the sewage sludge shall be less than one Plaque-forming Unit per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. The density of viable helminth ova in the sewage sludge shall be less than one per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed.

- c. Sewage sludge that meets the requirements of Class AB biosolids may be classified a Class A biosolids if a variance request is submitted in writing that is supported by substantial documentation demonstrating equivalent methods for reducing odors and written approval is granted by the executive director. The executive director may deny the variance request or revoke that approved variance if it is determined that the variance may potentially endanger human health or the environment, or create nuisance odor conditions.
- d. Three alternatives are available to demonstrate compliance with Class B biosolids

criteria.

Alternative 1

- i. A minimum of seven random samples of the sewage sludge shall be collected within 48 hours of the time the sewage sludge is used or disposed of during each monitoring episode for the sewage sludge.
- ii. The geometric mean of the density of fecal coliform in the samples collected shall be less than either 2,000,000 MPN per gram of total solids (dry weight basis) or 2,000,000 Colony Forming Units per gram of total solids (dry weight basis).

Alternative 2 - Sewage sludge that is used or disposed of shall be treated in one of the Processes to Significantly Reduce Pathogens (PSRP) described in 40 CFR Part 503, Appendix B, so long as all of the following requirements are met by the generator of the sewage sludge.

- i. Prior to use or disposal, all the sewage sludge must have been generated from a single location, except as provided in paragraph v. below;
- ii. An independent Texas Licensed Professional Engineer must make a certification to the generator of a sewage sludge that the wastewater treatment facility generating the sewage sludge is designed to achieve one of the PSRP at the permitted design loading of the facility. The certification need only be repeated if the design loading of the facility is increased. The certification shall include a statement indicating the design meets all the applicable standards specified in Appendix B of 40 CFR Part 503;
- iii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;
- iv. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review; and
- v. If the sewage sludge is generated from a mixture of sources, resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the PSRP, and shall meet the certification, operation, and record keeping requirements of this paragraph.

Alternative 3 - Sewage sludge shall be treated in an equivalent process that has been approved by the U.S. Environmental Protection Agency, so long as all of the following requirements are met by the generator of the sewage sludge.

- i. Prior to use or disposal, all the sewage sludge must have been generated from a

single location, except as provided in paragraph v. below;

- ii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;
- iii. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review;
- iv. The Executive Director will accept from the U.S. Environmental Protection Agency a finding of equivalency to the defined PSRP; and
- v. If the sewage sludge is generated from a mixture of sources resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the Processes to Significantly Reduce Pathogens, and shall meet the certification, operation, and record keeping requirements of this paragraph.

In addition to the Alternatives 1 – 3, the following site restrictions must be met if Class B biosolids are land applied:

- i. Food crops with harvested parts that touch the biosolids /soil mixture and are totally above the land surface shall not be harvested for 14 months after application of biosolids.
- ii. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of biosolids when the biosolids remain on the land surface for 4 months or longer prior to incorporation into the soil.
- iii. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of biosolids when the biosolids remain on the land surface for less than 4 months prior to incorporation into the soil.
- iv. Food crops, feed crops, and fiber crops shall not be harvested for 30 days after application of biosolids.
- v. Domestic livestock shall not be allowed to graze on the land for 30 days after application of biosolids.
- vi. Turf grown on land where biosolids are applied shall not be harvested for 1 year after application of the biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn.
- vii. Public access to land with a high potential for public exposure shall be restricted for 1 year after application of biosolids.

viii. Public access to land with a low potential for public exposure shall be restricted for 30 days after application of biosolids.

ix. Land application of biosolids shall be in accordance with the buffer zone requirements found in 30 TAC § 312.44.

4. Vector Attraction Reduction Requirements

All bulk sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site shall be treated by one of the following Alternatives 1 through 10 for vector attraction reduction.

Alternative 1 - The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38%.

Alternative 2 - If Alternative 1 cannot be met for an anaerobically digested sludge, demonstration can be made by digesting a portion of the previously digested sludge anaerobically in the laboratory in a bench-scale unit for 40 additional days at a temperature between 30° and 37° Celsius. Volatile solids must be reduced by less than 17% to demonstrate compliance.

Alternative 3 - If Alternative 1 cannot be met for an aerobically digested sludge, demonstration can be made by digesting a portion of the previously digested sludge with percent solids of two percent or less aerobically in the laboratory in a bench-scale unit for 30 additional days at 20° Celsius. Volatile solids must be reduced by less than 15% to demonstrate compliance.

Alternative 4 - The specific oxygen uptake rate (SOUR) for sewage sludge treated in an aerobic process shall be equal to or less than 1.5 milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20° Celsius.

Alternative 5 - Sewage sludge shall be treated in an aerobic process for 14 days or longer. During that time, the temperature of the sewage sludge shall be higher than 40° Celsius and the average temperature of the sewage sludge shall be higher than 45° Celsius.

Alternative 6 - The pH of sewage sludge shall be raised to 12 or higher by alkali addition and, without the addition of more alkali shall remain at 12 or higher for two hours and then remain at a pH of 11.5 or higher for an additional 22 hours at the time the sewage sludge is prepared for sale or given away in a bag or other container.

Alternative 7 - The percent solids of sewage sludge that does not contain unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 75% based on the moisture content and total solids prior to mixing with other materials. Unstabilized solids are defined as organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.

Alternative 8 - The percent solids of sewage sludge that contains unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 90% based on the moisture content and total solids prior to mixing with other materials at the time the sludge is used. Unstabilized solids are defined as organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.

Alternative 9 -

- i. Biosolids shall be injected below the surface of the land.
- ii. No significant amount of the biosolids shall be present on the land surface within one hour after the biosolids are injected.
- iii. When sewage sludge that is injected below the surface of the land is Class A or Class AB with respect to pathogens, the biosolids shall be injected below the land surface within eight hours after being discharged from the pathogen treatment process.

Alternative 10 -

- i. Biosolids applied to the land surface or placed on a surface disposal site shall be incorporated into the soil within six hours after application to or placement on the land.
- ii. When biosolids that is incorporated into the soil is Class A or Class AB with respect to pathogens, the biosolids shall be applied to or placed on the land within eight hours after being discharged from the pathogen treatment process.

C. Monitoring Requirements

Toxicity Characteristic Leaching Procedure (TCLP) Test	- once during the term of this permit
PCBs	- once during the term of this permit

All metal constituents and fecal coliform or *Salmonella* sp. bacteria shall be monitored at the appropriate frequency shown below, pursuant to 30 TAC § 312.46(a)(1):

<u>Amount of biosolids (*)</u> <u>metric tons per 365-day period</u>	<u>Monitoring Frequency</u>
0 to less than 290	Once/Year
290 to less than 1,500	Once/Quarter
1,500 to less than 15,000	Once/Two Months
15,000 or greater	Once/Month

(*) *The amount of bulk biosolids applied to the land (dry wt. basis).*

Representative samples of sewage sludge shall be collected and analyzed in accordance with the methods referenced in 30 TAC § 312.7

Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.

Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.

Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, or sewage sludge or biosolids for disposal at a monofill) and whether the material is ultimately conveyed off-site in bulk or in bags.

SECTION II. REQUIREMENTS SPECIFIC TO BULK SEWAGE SLUDGE FOR APPLICATION TO THE LAND MEETING CLASS A, CLASS AB or B BIOSOLIDS PATHOGEN REDUCTION AND THE CUMULATIVE LOADING RATES IN TABLE 2, OR CLASS B PATHOGEN REDUCTION AND THE POLLUTANT CONCENTRATIONS IN TABLE 3

For those permittees meeting Class A, Class AB or B pathogen reduction requirements and that meet the cumulative loading rates in Table 2 below, or the Class B pathogen reduction requirements and contain concentrations of pollutants below listed in Table 3, the following conditions apply:

A. Pollutant Limits

Table 2

<u>Pollutant</u>	Cumulative Pollutant Loading Rate (pounds per acre)*
Arsenic	36
Cadmium	35
Chromium	2677
Copper	1339
Lead	268
Mercury	15
Molybdenum	Report Only
Nickel	375
Selenium	89
Zinc	2500

Table 3

<u>Pollutant</u>	Monthly Average Concentration (milligrams per kilogram)*
Arsenic	41
Cadmium	39
Chromium	1200
Copper	1500
Lead	300
Mercury	17
Molybdenum	Report Only
Nickel	420
Selenium	36
Zinc	2800

*Dry weight basis

B. Pathogen Control

All bulk sewage sludge that is applied to agricultural land, forest, a public contact site, a reclamation site, shall be treated by either Class A, Class AB or Class B biosolids pathogen reduction requirements as defined above in Section I.B.3.

C. Management Practices

1. Bulk biosolids shall not be applied to agricultural land, forest, a public contact site, or a reclamation site that is flooded, frozen, or snow-covered so that the bulk biosolids enters a wetland or other waters in the State.
2. Bulk biosolids not meeting Class A biosolids requirements shall be land applied in a manner which complies with Applicability in accordance with 30 TAC §312.41 and the Management Requirements in accordance with 30 TAC § 312.44.
3. Bulk biosolids shall be applied at or below the agronomic rate of the cover crop.
4. An information sheet shall be provided to the person who receives bulk Class A or AB biosolids sold or given away. The information sheet shall contain the following information:
 - a. The name and address of the person who prepared the Class A or AB biosolids that are sold or given away in a bag or other container for application to the land.
 - b. A statement that application of the biosolids to the land is prohibited except in accordance with the instruction on the label or information sheet.
 - c. The annual whole sludge application rate for the biosolids application rate for the biosolids that does not cause any of the cumulative pollutant loading rates in Table 2 above to be exceeded, unless the pollutant concentrations in Table 3 found in Section II above are met.

D. Notification Requirements

1. If bulk biosolids is applied to land in a State other than Texas, written notice shall be provided prior to the initial land application to the permitting authority for the State in which the bulk biosolids are proposed to be applied. The notice shall include:
 - a. The location, by street address, and specific latitude and longitude, of each land application site.
 - b. The approximate time period bulk biosolids will be applied to the site.
 - c. The name, address, telephone number, and National Pollutant Discharge Elimination System permit number (if appropriate) for the person who will apply the bulk biosolids.
2. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the biosolids disposal practice.

E. Record keeping Requirements

The documents will be retained at the facility site and/or shall be readily available for review by a TCEQ representative. The person who prepares bulk sewage sludge or a biosolids material shall develop the following information and shall retain the information at the facility site and/or shall be readily available for review by a TCEQ representative for a period

of five years. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply.

1. The concentration (mg/kg) in the sludge of each pollutant listed in Table 3 above and the applicable pollutant concentration criteria (mg/kg), or the applicable cumulative pollutant loading rate and the applicable cumulative pollutant loading rate limit (lbs/ac) listed in Table 2 above.
2. A description of how the pathogen reduction requirements are met (including site restrictions for Class AB and Class B biosolids, if applicable).
3. A description of how the vector attraction reduction requirements are met.
4. A description of how the management practices listed above in Section II.C are being met.
5. The following certification statement:

"I certify, under penalty of law, that the applicable pathogen requirements in 30 TAC § 312.82(a) or (b) and the vector attraction reduction requirements in 30 TAC § 312.83(b) have been met for each site on which bulk biosolids are applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the management practices have been met. I am aware that there are significant penalties for false certification including fine and imprisonment."

6. The recommended agronomic loading rate from the references listed in Section II.C.3. above, as well as the actual agronomic loading rate shall be retained. The person who applies bulk biosolids shall develop the following information and shall retain the information at the facility site and/or shall be readily available for review by a TCEQ representative indefinitely. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply:
 - a. A certification statement that all applicable requirements (specifically listed) have been met, and that the permittee understands that there are significant penalties for false certification including fine and imprisonment. See 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii), as applicable, and to the permittee's specific sludge treatment activities.
 - b. The location, by street address, and specific latitude and longitude, of each site on which biosolids is applied.
 - c. The number of acres in each site on which bulk biosolids are applied.
 - d. The date and time biosolids are applied to each site.
 - e. The cumulative amount of each pollutant in pounds/acre listed in Table 2 applied to each site.
 - f. The total amount of biosolids applied to each site in dry tons.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

F. Reporting Requirements

The permittee shall report annually to the TCEQ Regional Office (MC Region 12) and Compliance Monitoring Team (MC 224) of the Enforcement Division, by September 30th of each year the following information. Effective December 21, 2020, the permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, or sewage sludge for disposal at a landfill) and whether the material is ultimately conveyed off-site in bulk or in bags.
3. Results of tests performed for pollutants found in either Table 2 or 3 as appropriate for the permittee's land application practices.
4. The frequency of monitoring listed in Section I.C. that applies to the permittee.
5. Toxicity Characteristic Leaching Procedure (TCLP) results.
6. PCB concentration in sludge or biosolids in mg/kg.
7. Identity of hauler(s) and TCEQ transporter number.
8. Date(s) of transport.
9. Texas Commission on Environmental Quality registration number, if applicable.
10. Amount of sludge or biosolids disposal dry weight (lbs/acre) at each disposal site.
11. The concentration (mg/kg) in the sludge of each pollutant listed in Table 1 (defined as a monthly average) as well as the applicable pollutant concentration criteria (mg/kg) listed in Table 3 above, or the applicable pollutant loading rate limit (lbs/acre) listed in Table 2 above if it exceeds 90% of the limit.
12. Level of pathogen reduction achieved (Class A, Class AB or Class B).
13. Alternative used as listed in Section I.B.3.(a. or b.). Alternatives describe how the pathogen reduction requirements are met. If Class B biosolids, include information on how site restrictions were met.
14. Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.
15. Vector attraction reduction alternative used as listed in Section I.B.4.

16. Amount of sludge or biosolids transported in dry tons/year.
17. The certification statement listed in either 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii) as applicable to the permittee's sludge or biosolids treatment activities, shall be attached to the annual reporting form.
18. When the amount of any pollutant applied to the land exceeds 90% of the cumulative pollutant loading rate for that pollutant, as described in Table 2, the permittee shall report the following information as an attachment to the annual reporting form.
 - a. The location, by street address, and specific latitude and longitude.
 - b. The number of acres in each site on which bulk biosolids are applied.
 - c. The date and time bulk biosolids are applied to each site.
 - d. The cumulative amount of each pollutant (i.e., pounds/acre) listed in Table 2 in the bulk biosolids applied to each site.
 - e. The amount of biosolids (i.e., dry tons) applied to each site.

The above records shall be maintained on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

SECTION III. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE OR BIOSOLIDS DISPOSED IN A MUNICIPAL SOLID WASTE LANDFILL

- A. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC § 330 and all other applicable state and federal regulations to protect public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present. The permittee shall ensure that the sewage sludge or biosolids meets the requirements in 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.
- B. If the permittee generates sewage sludge or biosolids and supplies that sewage sludge or biosolids to the owner or operator of a municipal solid waste landfill (MSWLF) for disposal, the permittee shall provide to the owner or operator of the MSWLF appropriate information needed to be in compliance with the provisions of this permit.
- C. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the sewage sludge or biosolids disposal practice.
- D. Sewage sludge or biosolids shall be tested once during the term of this permit in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I (Toxicity Characteristic Leaching Procedure) or other method, which receives the prior approval of the TCEQ for contaminants listed in Table 1 of 40 CFR § 261.24. Sewage sludge or biosolids failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal.

Following failure of any TCLP test, the management or disposal of sewage sludge or biosolids at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge or biosolids no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 12) of the appropriate TCEQ field office within 7 days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P. O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. This annual report shall be submitted to the TCEQ Regional Office (MC Region 12) and the Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30 of each year.

- E. Sewage sludge or biosolids shall be tested as needed, in accordance with the requirements of 30 TAC Chapter 330.
- F. Record keeping Requirements

The permittee shall develop the following information and shall retain the information for five years.

1. The description (including procedures followed and the results) of all liquid Paint Filter Tests performed.
2. The description (including procedures followed and results) of all TCLP tests performed.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

G. Reporting Requirements

The permittee shall report annually to the TCEQ Regional Office (MC Region 12) and Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30th of each year the following information. Effective December 21, 2020, the permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. Toxicity Characteristic Leaching Procedure (TCLP) results.
3. Annual sludge or biosolids production in dry tons/year.
4. Amount of sludge or biosolids disposed in a municipal solid waste landfill in dry tons/year.
5. Amount of sludge or biosolids transported interstate in dry tons/year.
6. A certification that the sewage sludge or biosolids meets the requirements of 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.
7. Identity of hauler(s) and transporter registration number.
8. Owner of disposal site(s).
9. Location of disposal site(s).
10. Date(s) of disposal.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

SECTION IV. REQUIREMENTS APPLYING TO SLUDGE OR BIOSOLIDS TRANSPORTED TO ANOTHER FACILITY FOR FURTHER PROCESSING

These provisions apply to sludge or biosolids that is transported to another wastewater treatment facility or facility that further processes sludge or biosolids. These provisions are intended to allow transport of sludge or biosolids to facilities that have been authorized to accept sludge or biosolids. These provisions do not limit the ability of the receiving facility to determine whether to accept the sludge or biosolids, nor do they limit the ability of the receiving facility to request additional testing or documentation.

A. General Requirements

1. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC Chapter 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge.
2. Sludge or biosolids may only be transported using a registered transporter or using an approved pipeline.

B. Record Keeping Requirements

1. For sludge or biosolids transported by an approved pipeline, the permittee must maintain records of the following:
 - a. the amount of sludge or biosolids transported;
 - b. the date of transport;
 - c. the name and TCEQ permit number of the receiving facility or facilities;
 - d. the location of the receiving facility or facilities;
 - e. the name and TCEQ permit number of the facility that generated the waste; and
 - f. copy of the written agreement between the permittee and the receiving facility to accept sludge or biosolids.
2. For sludge transported by a registered transporter, the permittee must maintain records of the completed trip tickets in accordance with 30 TAC § 312.145(a)(1)-(7) and amount of sludge or biosolids transported.
3. The above records shall be maintained on-site on a monthly basis and shall be made available to the TCEQ upon request. These records shall be retained for at least five years.

C. Reporting Requirements

The permittee shall report the following information annually to the TCEQ Regional Office (MC Region 12) and Compliance Monitoring Team (MC 224) of the Enforcement Division, by September 30th of each year. Effective December 21, 2020, the permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. the annual sludge or biosolids production;
3. the amount of sludge or biosolids transported;
4. the owner of each receiving facility;
5. the location of each receiving facility; and
6. the date(s) of disposal at each receiving facility.

TCEQ Revision 06/2020

OTHER REQUIREMENTS

1. The permittee shall employ or contract with one or more licensed wastewater treatment facility operators or wastewater system operations companies holding a valid license or registration according to the requirements of 30 TAC Chapter 30, Occupational Licenses and Registrations, and in particular 30 TAC Chapter 30, Subchapter J, Wastewater Operators and Operations Companies.

This Category D facility must be operated by a chief operator or an operator holding a Class D license or higher. The facility must be operated a minimum of five days per week by the licensed chief operator or an operator holding the required level of license or higher. The licensed chief operator or operator holding the required level of license or higher must be available by telephone or pager seven days per week. Where shift operation of the wastewater treatment facility is necessary, each shift that does not have the on-site supervision of the licensed chief operator must be supervised by an operator in charge who is licensed not less than one level below the category for the facility.

*A Class D Wastewater Treatment Operator license is not renewable for operators of a facility listed in 30 TAC Section 30.342(c) and must be upgraded to a Class C Wastewater Treatment Operator license or higher prior to the expiration date of the Class D license.

2. The facility is not located in the Coastal Management Program boundary.
3. The permittee shall comply with the requirements of 30 TAC § 309.13(a) through (d). In addition, by ownership of the required buffer zone area, the permittee shall comply with the requirements of 30 TAC § 309.13(e).
4. The permittee shall provide facilities for the protection of its wastewater treatment facility from a 100-year flood.
5. In accordance with 30 TAC § 319.9, a permittee that has at least twelve months of uninterrupted compliance with its bacteria limit may notify the commission in writing of its compliance and request a less frequent measurement schedule. To request a less frequent schedule, the permittee shall submit a written request to the TCEQ Wastewater Permitting Section (MC 148) for each phase that includes a different monitoring frequency. The request must contain all of the reported bacteria values (Daily Avg. and Daily Max/Single Grab) for the twelve consecutive months immediately prior to the request. If the Executive Director finds that a less frequent measurement schedule is protective of human health and the environment, the permittee may be given a less frequent measurement schedule. For this permit, 1/quarter may be reduced to 1/6 months. **A violation of any bacteria limit by a facility that has been granted a less frequent measurement schedule will require the permittee to return to the standard frequency schedule and submit written notice to the TCEQ Wastewater Permitting Section (MC 148).** The permittee may not apply for another reduction in measurement frequency for at least 24 months from the date of the last violation. The Executive Director may establish a more frequent measurement schedule if necessary, to protect human health or the environment.
6. Prior to construction of the treatment facility, the permittee shall submit to the TCEQ Wastewater Permitting Section (MC 148) a summary transmittal letter in accordance with the requirements in 30 TAC § 217.6(d). If requested by the Wastewater Permitting Section, the permittee shall submit plans and specifications and a final engineering design report which comply with 30 TAC Chapter 217, Design Criteria for Domestic Wastewater Systems. The permittee shall clearly show how the treatment system will meet the permitted effluent limitations required on Pages 2, 2a and 2b of this permit. A copy of the summary transmittal letter shall be available at the plant site for inspection by authorized representatives of the TCEQ.

7. Reporting requirements according to 30 TAC §§ 319.1-319.11 and any additional effluent reporting requirements contained in this permit are suspended from the effective date of the permit until plant startup or discharge from the facility described by this permit, whichever occurs first. The permittee shall provide written notice to the TCEQ Regional Office (MC Region 12) and the Applications Review and Processing Team (MC 148) of the Water Quality Division at least forty-five days prior to plant startup or anticipated discharge, whichever occurs first, and prior to completion of each additional phase on Notification of Completion Form 20007.

T & W Water Service Company dba Blue Topaz Utilities Application for a Water and Sewer CCN
Amendment (McKinnon)

Proposed Water & Sewer CCN area is **within**:

County – Fort Bend

GCD – Fort Bend Subsidence District

CCNs – None

Districts – North Fort Bend Water Authority
– Fort Bend County Drainage District

City Limits – None

ETJ – Houston

Entities within Half Mile:

City of Fulshear

Fort Bend County ID 24

Fort Bend County MUD 142

Fort Bend County MUD 171

Fort Bend County MUD 173

Fort Bend County Drainage District

North Fort Bend Water Authority

Fort Bend MUD 229

Entities within 2 Miles:

City of Fulshear

Fort Bend County ID 24

Fort Bend County Drainage District (No PWS)

North Fort Bend Water Authority

Cinco Southwest MUD 1

Cinco Southwest MUD 2

Cinco Southwest MUD 3

Cinco Southwest MUD 4

Fort Bend County MUD 57

Fort Bend County MUD 132

Fort Bend County MUD 142

Fort Bend County MUD 156

Fort Bend County MUD 170

Fort Bend County MUD 171

Fort Bend County MUD 172

Fort Bend County MUD 173

Fort Bend County MUD 208 (inactive/dormant)

Fort Bend County MUD 229

Fort Bend Subsidence District

San Jacinto River Authority

Texas Heritage Parkway ID

Fort Bend County Judge

Notice List:

City of Fulshear
PO Box 279
Fulshear, TX 77441

Fort Bend County ID 24
PO Box 22167
Houston, TX 77227

Fort Bend County Drainage District
PO Box 1028
Rosenberg, TX 77471

North Fort Bend Water Authority
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy, Ste 2600
Houston, TX 77027-7537

Cinco Southwest MUD 1
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy, Ste 2600
Houston, TX 77027-7537

Cinco Southwest MUD 2
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Cinco Southwest MUD 3
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Cinco Southwest MUD 4
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027

Fort Bend County MUD 57
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027

Fort Bend County MUD 132
1300 Post Oak Blvd Ste 1400
Houston, TX 77056-3078

Fort Bend County MUD 142
Schwartz Page & Harding LLP
1300 Post Oak Blvd Ste 1400
Houston, TX 77056-3078

Fort Bend County MUD 156
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027

Fort Bend County MUD 170
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Fort Bend County MUD 171
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Fort Bend County MUD 172
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Fort Bend County MUD 173
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Fort Bend County MUD 229
(no address)

San Jacinto River Authority
PO Box 329
Conroe, TX 77305

Texas Heritage Parkway ID
The Muller Law Group, PLLC
202 Century Square Blvd
Sugar Land, TX 77478

Fort Bend Subsidence District
PO Box 427
Richmond, TX 77406

Fort Bend County Judge KP George

301 Jackson St
Richmond, TX 77469

Landowner with 25+ acres

Parkway Fellowship of Katy
1430 Katy Flewellan Rd
Katy, TX 77494

Written Description

T & W Water Service Company dba Blue Topaz Utilities has filed an application to amend CCN Nos. 12892, 21127 with the Public Utility Commission of Texas to provide water and sewer utility service in Fort Bend County.

The proposed water and sewer utility service area is located approximately 3.3 miles east of downtown Fulshear, TX, and is generally bounded on the north by FM 1093; on the east by Kitty Hawk Street West; and on the south and west by FM 359.

Proposed Water and Sewer:
Area being added is approximately 72 acres.

Part G: Notice Information (page 11 of CCN Amendment Application)

The total acreage of the requested area is approximately: 72 acres

Number of customer connections in the requested area: 0

The closest city or town: Fulshear

Approximate mileage to closest city or town center: 3.3

Direction to closest city or town: west

The requested area is generally bounded

on the North by: FM 1093

on the East by: Kitty Hawk Street West

on the South by: FM 359

on the West by: FM 359

Need for Service

1. Service Area
 - a. The service area consists of approximately 72 acres of which the developer has requested service.
 - b. The developers have requested T & W Water Service Company dba Blue Topaz Utilities to provide water and sewer service for their 72 acres consisting of approximately 201 connections.



March 13, 2023

PUC Central Records

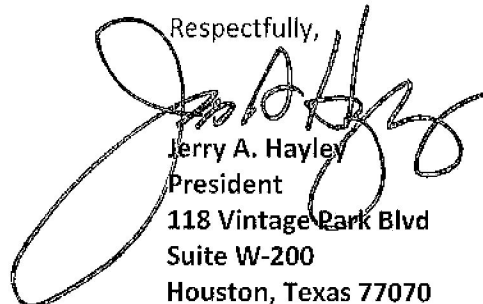
Re: New Amended CCN Application in Fort Bend County.

To Whom it May Concern:

In response to request for "copies of the written response from each system for which a written request for service was made or evidence that they failed to respond".

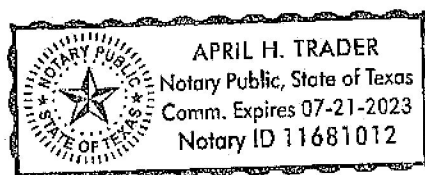
The undersigned representative of T & W Water Service Company dba Blue Topaz Utilities hereby confirms by this notarized letter that the undersigned transmitted the letter title "Service Availability Request" to each of the recipients identified in the list titled "2 Mile Entities on March 10, 2023. None of the letters were returned undeliverable. As of this date, we have not received any responses to the letter from the recipients.

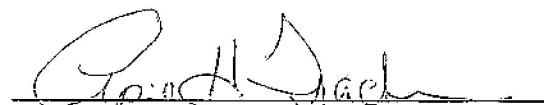
Respectfully,


Jerry A. Hayley
President
118 Vintage Park Blvd
Suite W-200
Houston, Texas 77070
jerry@broadacrellc.com
713-416-5353

STATE OF TEXAS, COUNTY OF MONTGOMERY

Before me the undersigned notary on March 14, 2023, personally appeared Jerry A. Hayley, President of Broadacre Development Solutions., a Texas Limited liability corporation known to me through valid identification to be the person whose name is subscribed to the proceeding instrument and acknowledged to me that the person executed the instrument in the person's official capacity for the purposes and consideration stated in the instrument.




Notary Public, State of Texas



March 10, 2023

«Utility_Name_2_mile_Notice»

«co»

«Street»

«City», «State» «Zip»

Re Service Availability Request

To Whom It May Concern:

T & W Water Service Company dba Blue Topaz Utilities is filing an application with the Public Utility Commission (PUC) to amend its Water CCN No. 12892 and Sewer CCN No.21127 in Fort Bend County, shown on enclosed map. The proposed utility service area is located approximately 3.3 miles east of downtown Fulshear, Texas.

You have been identified as a neighboring utility of like kind and/or municipality with an extraterritorial jurisdiction (ETJ) within 2 miles of the proposed service area. Pursuant to TCEQ regulations, T & W Water Service Company dba Blue Topaz Utilities formally asks whether you are willing or able to provide water and wastewater service to this proposed property sufficient to meet the TCEQ's minimum service standards plus local demands thereby providing continuous and adequate utility service to the consuming public. Please fill out the questionnaire below and return to us. It will be filed with the PUC.

You may email your response to jerry@broadcarellc.com. If you have any questions, please call me at 713-416-5353. Thank you for your assistance.

Sincerely,

Jerry A. Hayley
President

Date of Reply: _____
Name of Utility _____
Ability to Provide Service?
(Yes/No) _____
Printed Name _____
Organization _____
Email/Telephone _____

T & W Water Service Company dba Blue Topaz Utilities Application for a Water and Sewer CCN
Amendment (McKinnon)

Proposed Water & Sewer CCN area is **within**:

County – Fort Bend

GCD – Fort Bend Subsidence District

CCNs – None

Districts – North Fort Bend Water Authority

– Fort Bend County Drainage District

City Limits – None

ETJ – Houston

Entities within Half Mile:

City of Fulshear

Fort Bend County ID 24

Fort Bend County MUD 142

Fort Bend County MUD 171

Fort Bend County MUD 173

Fort Bend County Drainage District

North Fort Bend Water Authority

Fort Bend MUD 229

Entities within 2 Miles:

City of Fulshear

Fort Bend County ID 24

Fort Bend County Drainage District (No PWS)

North Fort Bend Water Authority

Cinco Southwest MUD 1

Cinco Southwest MUD 2

Cinco Southwest MUD 3

Cinco Southwest MUD 4

Fort Bend County MUD 57

Fort Bend County MUD 132

Fort Bend County MUD 142

Fort Bend County MUD 156

Fort Bend County MUD 170

Fort Bend County MUD 171

Fort Bend County MUD 172

Fort Bend County MUD 173

Fort Bend County MUD 208 (inactive/dormant)

Fort Bend County MUD 229

Fort Bend Subsidence District

San Jacinto River Authority

Texas Heritage Parkway ID

Fort Bend County Judge

Notice List:

City of Fulshear
PO Box 279
Fulshear, TX 77441

Fort Bend County ID 24
PO Box 22167
Houston, TX 77227

Fort Bend County Drainage District
PO Box 1028
Rosenberg, TX 77471

North Fort Bend Water Authority
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy, Ste 2600
Houston, TX 77027-7537

Cinco Southwest MUD 1
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy, Ste 2600
Houston, TX 77027-7537

Cinco Southwest MUD 2
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Cinco Southwest MUD 3
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Cinco Southwest MUD 4
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027

Fort Bend County MUD 57
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027

Fort Bend County MUD 132
1300 Post Oak Blvd Ste 1400
Houston, TX 77056-3078

Fort Bend County MUD 142
Schwartz Page & Harding LLP
1300 Post Oak Blvd Ste 1400
Houston, TX 77056-3078

Fort Bend County MUD 156
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027

Fort Bend County MUD 170
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Fort Bend County MUD 171
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Fort Bend County MUD 172
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Fort Bend County MUD 173
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Fort Bend County MUD 229
(no address)

San Jacinto River Authority
PO Box 329
Conroe, TX 77305

Texas Heritage Parkway ID
The Muller Law Group, PLLC
202 Century Square Blvd
Sugar Land, TX 77478

Fort Bend Subsidence District
PO Box 427
Richmond, TX 77406

Fort Bend County Judge KP George

301 Jackson St
Richmond, TX 77469

Landowner with 25+ acres

Parkway Fellowship of Katy
1430 Katy Flewellan Rd
Katy, TX 77494

Written Description

T & W Water Service Company dba Blue Topaz Utilities has filed an application to amend CCN Nos. 12892, 21127 with the Public Utility Commission of Texas to provide water and sewer utility service in Fort Bend County.

The proposed water and sewer utility service area is located approximately 3.3 miles east of downtown Fulshear, TX, and is generally bounded on the north by FM 1093; on the east by Kitty Hawk Street West; and on the south and west by FM 359.

Proposed Water and Sewer:
Area being added is approximately 72 acres.

Part G: Notice Information (page 11 of CCN Amendment Application)

The total acreage of the requested area is approximately: 72 acres

Number of customer connections in the requested area: 0

The closest city or town: Fulshear

Approximate mileage to closest city or town center: 3.3

Direction to closest city or town: west

The requested area is generally bounded

on the North by: FM 1093

on the East by: Kitty Hawk Street West

on the South by: FM 359

on the West by: FM 359

Effects of Granting CCN

The effect of granting an amended water and sewer certificate to T & W Water Service Company dba Blue Topaz Utilities would be to allow the development of a residential area in Fort Bend County. No other retail providers are available for the requested area. The amendment will have no effect on any other retail public utility servicing the approximate area.

PART “C”

EXHIBITS

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 21, 2022

CERTIFIED MAIL # 9489 0090 0027 6331 5115 63
ELECTRONIC RECEIPT REQUESTED

Mr. Ronald L. Payne
General Manager
T & W Water Service Company
Post Office Box 2927
Conroe, Texas 77305-2927

Re: Notice of Violation for the Modified Comprehensive Compliance Investigation at:
Millers Crossing, 9020 Millers Road, Magnolia, Montgomery County, Texas
Regulated Entity No.: 101274702
TCEQ ID No.: 1700675
Investigation ID No.: 1852802

Dear Mr. Payne:

On October 20, 2022, Ms. Vetricia Morrow of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for Public Water Supply. Enclosed is a summary which lists the investigation findings. During the investigation, a concern was noted which was an alleged noncompliance that has been resolved as a Resolved Violation based on subsequent corrective action.

In the listing of the alleged violation, we have cited applicable requirements, including TCEQ rules. Please note that both the rules themselves and the agency brochure entitled *Obtaining TCEQ Rules* (GI 032) are located on our agency website at <https://www.tceq.texas.gov> for your reference. If you would like a hard copy of this brochure mailed to you, you may call and request one from either the Houston Region Office at (713) 767-3650 or the Central Office Publications Ordering Team at (512) 239-0028.

The TCEQ appreciates your assistance in this matter. Please note that the Legislature has granted TCEQ enforcement powers which we may exercise to ensure compliance with environmental regulatory requirements. We anticipate that you will resolve the alleged violations as required in order to protect the State's environment. If you have additional information that we are unaware of, you have the opportunity to contest the violations documented in this notice. Should you choose to do so, you must notify the Houston Region Office within 10 days from the date of this letter. At that time, PWS Team Leader, Mr. Jonathan Bennett, will schedule a violation review meeting to be conducted within 21 days from the date of this letter.

TCEQ Region 12 • 5425 Folk St., Ste. H • Houston, Texas 77023-1452 • 713-767-3500 • Fax 713-767-3520

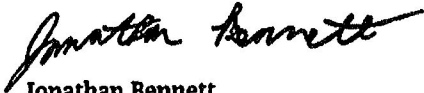
Austin Headquarters: 512-239-1000 • [tceq.texas.gov](https://www.tceq.texas.gov) • How is our customer service? [tceq.texas.gov/customersurvey](https://www.tceq.texas.gov/customersurvey)

printed on recycled paper

Mr. Ronald L. Payne
Page 2
November 21, 2022

If you or members of your staff have any questions, please feel free to contact Ms. Vetricia Morrow in the Houston Region Office at (713) 767-3631.

Sincerely,



Jonathan Bennett
Water Section Team Leader
Houston Region 12
Texas Commission on Environmental Quality

JB/VM/es

cc: Montgomery County Environmental Health Services,
501 North Thompson Street, Suite 101, Conroe, Texas 77301-2500

Enclosure: Summary of Investigation Findings

Summary of Investigation Findings

MILLERS CROSSING

Investigation #

1852802

Investigation Date: 10/20/2022

, MONTGOMERY COUNTY,

Additional ID(s): 1700675

ALLEGED VIOLATION(S) NOTED AND RESOLVED

Track No: 828994

30 TAC Chapter 290.46(m)(4)

Alleged Violation:

Investigation: 1852802

Comment Date: 11/17/2022 -

Failure to maintain all water storage facilities in a watertight condition. At the time of the investigation, it was noted that the ground storage tank had a leak where silt deposits could be removed. In this connection, the leaking ground storage tank located at the plant must be repaired or replaced as necessary.

Recommended Corrective Action: Submit compliance documentation to the TCEQ Houston Region Office demonstrating corrective measures have been taken to resolve the alleged violation.

Resolution: A photograph detailing the replacement of bolts and gaskets on the ground storage tank were sent to TCEQ on October 31, 2022, by Mr. Payne. This appears to resolve the outstanding violation.

T & W Water Service Company dba Blue Topaz Utilities Application for a Water and Sewer CCN
Amendment (McKinnon)

Proposed Water & Sewer CCN area is **within**:

County – Fort Bend

GCD – Fort Bend Subsidence District

CCNs – None

Districts – North Fort Bend Water Authority

– Fort Bend County Drainage District

City Limits – None

ETJ – Houston

Entities within Half Mile:

City of Fulshear

Fort Bend County ID 24

Fort Bend County MUD 142

Fort Bend County MUD 171

Fort Bend County MUD 173

Fort Bend County Drainage District

North Fort Bend Water Authority

Fort Bend MUD 229

Entities within 2 Miles:

City of Fulshear

Fort Bend County ID 24

Fort Bend County Drainage District (No PWS)

North Fort Bend Water Authority

Cinco Southwest MUD 1

Cinco Southwest MUD 2

Cinco Southwest MUD 3

Cinco Southwest MUD 4

Fort Bend County MUD 57

Fort Bend County MUD 132

Fort Bend County MUD 142

Fort Bend County MUD 156

Fort Bend County MUD 170

Fort Bend County MUD 171

Fort Bend County MUD 172

Fort Bend County MUD 173

Fort Bend County MUD 208 (inactive/dormant)

Fort Bend County MUD 229

Fort Bend Subsidence District

San Jacinto River Authority

Texas Heritage Parkway ID

Fort Bend County Judge

Notice List:

City of Fulshear
PO Box 279
Fulshear, TX 77441

Fort Bend County ID 24
PO Box 22167
Houston, TX 77227

Fort Bend County Drainage District
PO Box 1028
Rosenberg, TX 77471

North Fort Bend Water Authority
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy, Ste 2600
Houston, TX 77027-7537

Cinco Southwest MUD 1
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy, Ste 2600
Houston, TX 77027-7537

Cinco Southwest MUD 2
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Cinco Southwest MUD 3
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Cinco Southwest MUD 4
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027

Fort Bend County MUD 57
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027

Fort Bend County MUD 132
1300 Post Oak Blvd Ste 1400
Houston, TX 77056-3078

Fort Bend County MUD 142
Schwartz Page & Harding LLP
1300 Post Oak Blvd Ste 1400
Houston, TX 77056-3078

Fort Bend County MUD 156
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027

Fort Bend County MUD 170
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Fort Bend County MUD 171
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Fort Bend County MUD 172
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Fort Bend County MUD 173
Allen Boone Humphries Robinson LLP
3200 Southwest Fwy Ste 2600
Houston, TX 77027-7537

Fort Bend County MUD 229
(no address)

San Jacinto River Authority
PO Box 329
Conroe, TX 77305

Texas Heritage Parkway ID
The Muller Law Group, PLLC
202 Century Square Blvd
Sugar Land, TX 77478

Fort Bend Subsidence District
PO Box 427
Richmond, TX 77406

Fort Bend County Judge KP George

301 Jackson St
Richmond, TX 77469

Landowner with 25+ acres

Parkway Fellowship of Katy
1430 Katy Flewellan Rd
Katy, TX 77494

Written Description

T & W Water Service Company dba Blue Topaz Utilities has filed an application to amend CCN Nos. 12892, 21127 with the Public Utility Commission of Texas to provide water and sewer utility service in Fort Bend County.

The proposed water and sewer utility service area is located approximately 3.3 miles east of downtown Fulshear, TX, and is generally bounded on the north by FM 1093; on the east by Kitty Hawk Street West; and on the south and west by FM 359.

Proposed Water and Sewer:
Area being added is approximately 72 acres.

Part G: Notice Information (page 11 of CCN Amendment Application)

The total acreage of the requested area is approximately: 72 acres

Number of customer connections in the requested area: 0

The closest city or town: Fulshear

Approximate mileage to closest city or town center: 3.3

Direction to closest city or town: west

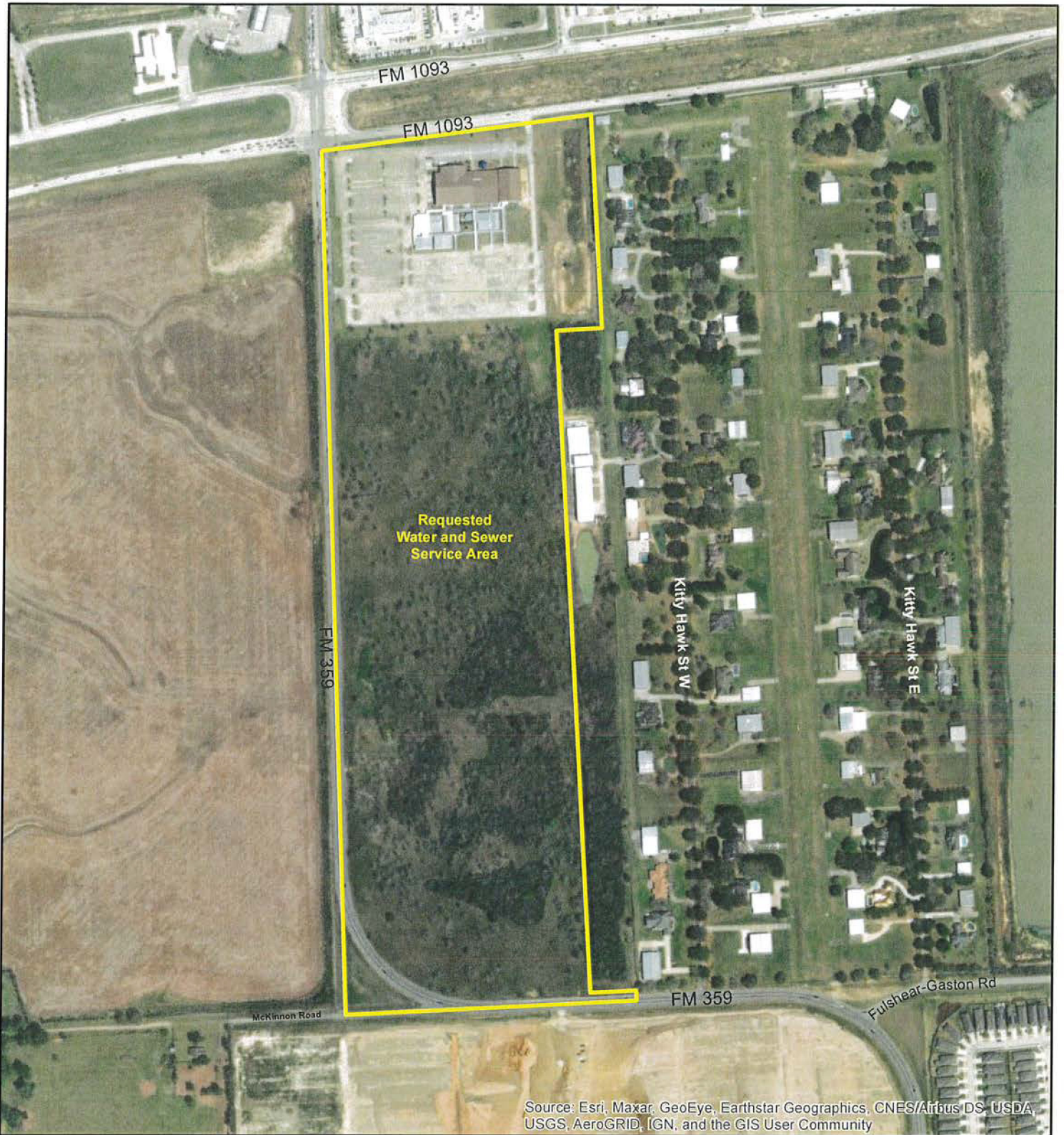
The requested area is generally bounded

on the North by: FM 1093

on the East by: Kitty Hawk Street West

on the South by: FM 359

on the West by: FM 359



DETAIL MAP

T & W Water Service Company dba Blue Topaz Utilities
Application to Amend Water CCN No. 12892 and Sewer CCN No. 21127
in Fort Bend County

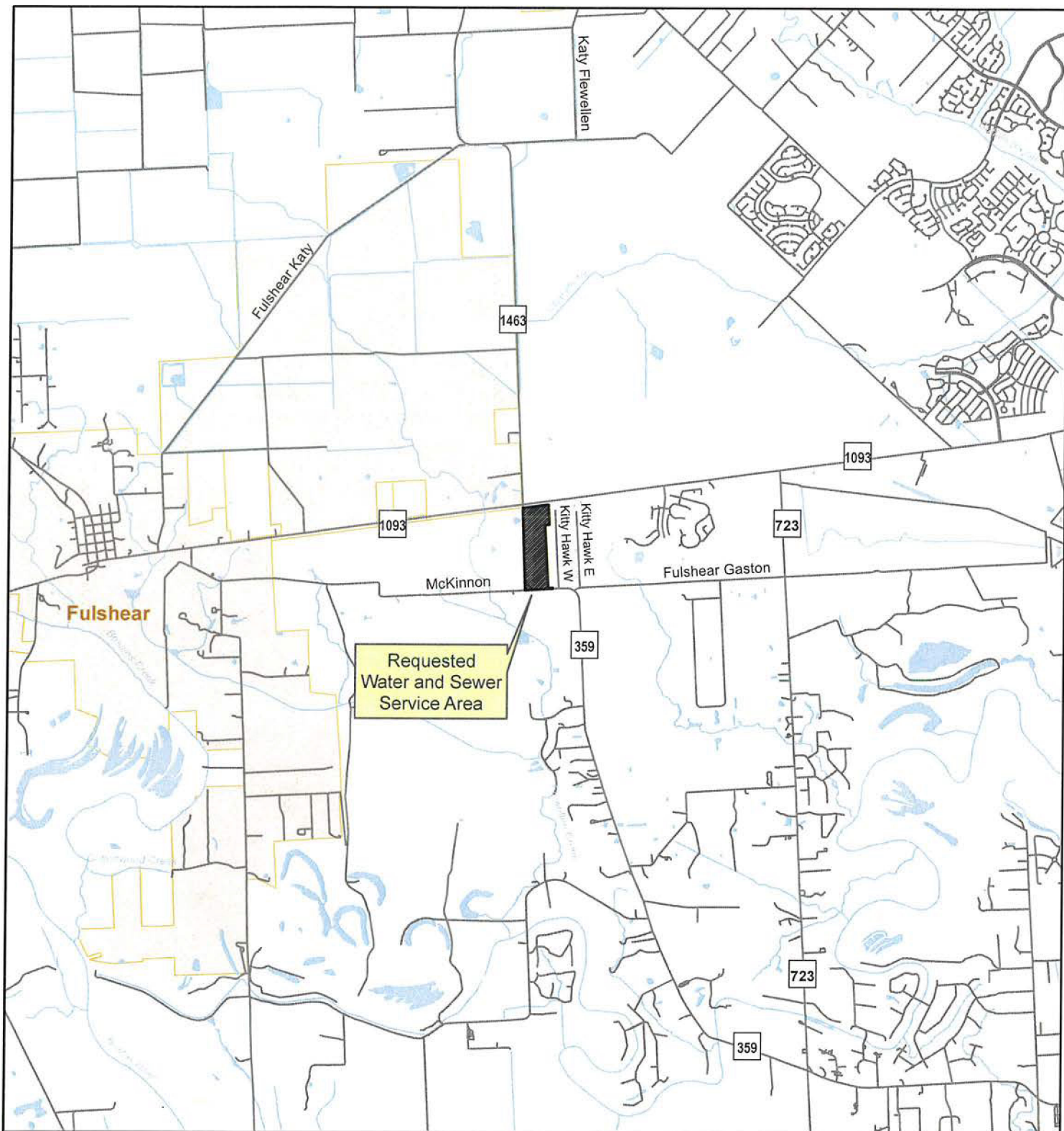


0 250 500
Feet



Requested Water and Sewer Service Area

Map by: S. Burt, ASBGI
Date: March 10, 2023
Base: ESRI World Imagery
Project: McKinnon Detail



GENERAL LOCATION

T & W Water Service Company dba Blue Topaz Utilities
Application to Amend Water CCN No. 12892 and Sewer CCN No. 21127
in Fort Bend County



0 0.5 1
Miles



Requested Water and Sewer Service Area

Map by: S. Burt, ASBGI
Date: March 10, 2023
Base: StratMap Transv2
Project: McKinnon General Location

PART “D”

EXHIBITS

List of Subdivisions		
SYSTEM/SUBDIVISION	PWS ID NUMBER	COUNTY
Caney Creek Utility	1700328	Montgomery
Deer Pines Subdivision	1700895	Montgomery
Deer Run	1700700	Montgomery
Emerald Lakes	1700777	Montgomery
Encino Estates	1460187	Liberty
Falls of Wildwood	1700673	Montgomery
Gemstone Estates	1700608	Montgomery
Grand Harbor	1700643	Montgomery
Harborside	1700682	Montgomery
Hidden Springs Ranch	1700696	Montgomery
Hydies Crossing	1013180	Harris
Millers Crossing	1700675	Montgomery
Oaks of Trinity	1460156	Liberty
Old Mill Lake	1700662	Montgomery
Rio Vista (inside city limits of Patton Village, however they surrendered jurisdiction)	1700778	Montgomery
Riverwalk	1700604	Montgomery
Rose Hill Estates Subdivision	1700911	Montgomery
Southwind Ridge	1700659	Montgomery
Splendor Woods	1460153	Liberty
Spring Forest Estates	1460153	Liberty
Spring Oaks	1460157	Liberty
Sunrise Ranch	1700686	Montgomery
The Ranch	1460154	Liberty
The Cove at Taylor Landing	1230075	Jefferson
Thousand Oaks	1700635	Montgomery

T&W Water Service Company

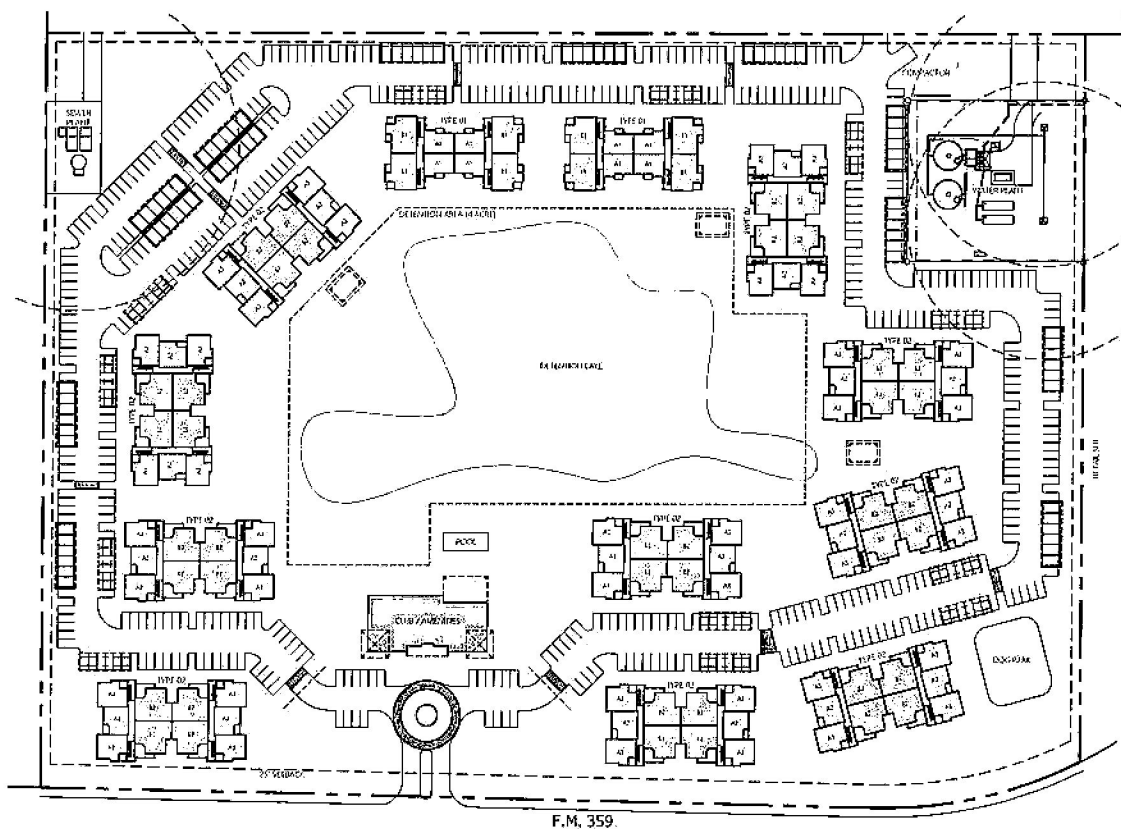
List of Licensed Operators

Licensed Operators

Lucio Ayala	D Water	WO0021246
Kevin Maloney	C Water	WG0016921
Jordan Davis	C Water	WG0012850
Harry Bradford	D Water	WO0048974
Tyler Schneider	D Water	WO0051772
Nathan Clark	D Water	WO0046989
	C Wastewater	WW0069590
Charlie Adams	B Surface Water	WS0000698
	A Wastewater	WW0009104
Karin Warren	D Water	WO0047437
	A Wastewater	WW009104
	Backflow BPAT	BP0018424

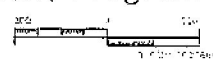
CSI & Plumbing Inspector

Harold Seale
CI0005025
ICC 5221114



20-45 Ventera Fulshear									
2 story multi-family									
Unit Areas									
Type / Description	sq	net	gross	net	gross	net	gross	net	gross
A1 2-Bedroom, 1 Bath	24	605	660	660	18,200	17,700	18,200	17,700	18,200
A2 2-Bedroom, 1 Bath	48	745	800	800	22,500	22,000	22,500	22,000	22,500
A3 2-Bedroom, 1 Bath	100	785	840	840	23,000	22,500	23,000	22,500	23,000
B1 3-Bedroom, 1 Bath	24	870	930	930	26,000	25,500	26,000	25,500	26,000
B2 3-Bedroom, 1 Bath	120	1,740	1,800	1,800	51,000	50,500	51,000	50,500	51,000
TOTAL UNIT	216	3,965	4,230	4,230	120,700	119,200	120,700	119,200	120,700
Pool / Amenities Area					900	900	900	900	900
Landscaping / Amenities Area					900	900	900	900	900
TOTAL GROSS AREA					122,500	121,000	122,500	121,000	122,500
Leasing, Amenity and Misc. Areas									
Leasing / Amenity Area					1,000	1,000	1,000	1,000	1,000
Landscaping / Amenity Area					1,000	1,000	1,000	1,000	1,000
TOTAL GROSS AREA					124,500	123,000	124,500	123,000	124,500
Green Building Areas									
Building Type	Green Building Area	Quantity On Site	Total Area per Building Type						
Green Building	10,000 sq ft	2	20,000 sq ft						
Green Building	10,000 sq ft	2	20,000 sq ft						
TOTAL GREEN BUILDING AREA			40,000 sq ft						
Project Density									
Units/Acre	21.25								
Unit Density	18.12								
Project Parking									
Raw Land Parking Spaces									
Asphalt / Concrete									
Grass									
Grass / Concrete									
Grass / Concrete									
Total Spaces Provided					250				
Parking Ratio - Spaces/Unit					1.82				
Parking Ratio - Spaces/Building					4.19				

Site Plan / Program




Ventera 20-45 | Fulshear

PH-11009 02-10-2020

W PARTNERSHIP
WARREN WILSON ARCHITECTS

MIKE KUYKENDALL Reg. Holder Professional Land Surveyor Home Registration No. 2759	2/27/2007 DATE
---	-------------------



Windrose Land Services, Inc.
 2805 Highway 100
 Houston, Texas 77054
 Phone (713) 292-2302 Fax (713) 481-1191

Professional Surveying & Engineering Services

<p align="center">LAND TITLE SURVEY OF 71.6804 ACRES OR 3,122,367 SQ. FT. OF LAND IN THE ROBERT M. KUYKENDALL SURVEY, A-274 FORT BEND COUNTY, TEXAS</p>			
FILED BY: PM	CHECKED BY: MK	JOB NO. 436644C	
REASON FOR: RS	DATE: SEPTEMBER 2007	SHEET NO. 1 OF 1	

PART “E”

EXHIBITS

Water and Sewer Tariff

FINANCIALS (FILED SEPARATELY AS “CONFIDENTIAL”)



WATER UTILITY TARIFF
Docket Number 53435

T & W Water Service Company
(Utility Name)

12284 FM 3083
(Business Address)

Conroe, Texas 77301
(City, State, Zip Code)

281-367-9566, 800-256-2636
(Area Code/Telephone)

This tariff is effective for utility operations under the following Certificate of Convenience and Necessity:

12892

This tariff is effective in the following county:

Harris, Jefferson, Liberty, Montgomery

This tariff is effective in the following cities or unincorporated towns (if any):

City of Conroe

The rates set or approved by the city for the systems entirely within its corporate boundary are not presented in this tariff. Those rates are not under the original jurisdiction of the PUC and will have to be obtained from the city or utility.

This tariff is effective in the following subdivisions or systems:

See attached List of Subdivisions

TABLE OF CONTENTS

The above utility lists the following sections of its tariff (if additional pages are needed for a section, all pages should be numbered consecutively):

SECTION 1.0 -- RATE SCHEDULE	2
SECTION 2.0 -- SERVICE RULES AND POLICIES	6
SECTION 3.0 -- EXTENSION POLICY	13

APPENDIX A -- DROUGHT CONTINGENCY PLAN
APPENDIX B -- SAMPLE SERVICE AGREEMENT
APPENDIX C -- APPLICATION FOR SERVICE

List of Subdivisions		
SYSTEM/SUBDIVISION	PWS ID NUMBER	COUNTY
Caney Creek Utility	1700328	Montgomery
Deer Pines Subdivision	1700895	Montgomery
Deer Run	1700700	Montgomery
Emerald Lakes	1700777	Montgomery
Encino Estates	1460187	Liberty
Falls of Wildwood	1700673	Montgomery
Gemstone Estates	1700608	Montgomery
Grand Harbor	1700643	Montgomery
Harborside	1700682	Montgomery
Hidden Springs Ranch	1700696	Montgomery
Hydies Crossing	1013180	Harris
Millers Crossing	1700675	Montgomery
Oaks of Trinity	1460156	Liberty
Old Mill Lake	1700662	Montgomery
Rio Vista (inside city limits of Patton Village, however they surrendered jurisdiction)	1700778	Montgomery
Riverwalk	1700604	Montgomery
Rose Hill Estates Subdivision	1700911	Montgomery
Southwind Ridge	1700659	Montgomery
Splendor Woods	1460153	Liberty
Spring Forest Estates	1460153	Liberty
Spring Oaks	1460157	Liberty
Sunrise Ranch	1700686	Montgomery
The Ranch	1460154	Liberty
The Cove at Taylor Landing	1230075	Jefferson
Thousand Oaks	1700635	Montgomery

SECTION 1.0 -- RATE SCHEDULE

Section 1.01 -- Rates

MONTHLY BASE RATE BY METER SIZE (INCLUDES 0 GALLONS)	Year 1 Effective February 1, 2009	Year 2 Effective February 1, 2010
5/8 x 3/4"	\$25.00	\$22.00
1"	\$46.88	\$55.00
1½"	\$85.93	\$110.00
2"	\$148.44	\$176.00
3"	\$179.69	\$352.00
GALLONAGE CHARGE PER 1000 GALLONS		
0 - 10,000 GALLONS	\$2.24	\$2.37 *
10,000 - 20,000 GALLONS	\$2.34	\$2.50 *
> 20,000 GALLONS	\$2.66	\$3.00 *

*San Jacinto River Authority..... \$3.12/1,000 gallons
Applies to all gallonage used in Montgomery County (*Tariff Control No. 49821*)

* Lone Star Groundwater Conservation District..... \$0.03/1,000 gallons
Applies to all gallonage used in Montgomery County (*Tariff Control No. 50327*)

Federal Tax Change Credit Rider

Meter Size	Effective November 1, 2019	Effective December 1, 2019
5/8" x 3/4"	(\$6.34)	(\$0.70)
1"	(\$15.84)	(\$1.76)
1½"	(\$31.68)	(\$3.51)
2"	(\$5.62)	(\$5.62)
3"	(\$10.54)	(\$10.54)

(*Tariff Control No. 49100*)

FORM OF PAYMENT: The utility will accept the following forms of payment:

Cash , Check X , Money Order X , Credit Card , Other (specify)
THE UTILITY MAY REQUIRE EXACT CHANGE FOR PAYMENTS AND MAY REFUSE TO ACCEPT PAYMENTS
MADE USING MORE THAN \$1.00 IN SMALL COINS. A WRITTEN RECEIPT WILL BE GIVEN FOR CASH
PAYMENTS.

REGULATORY ASSESSMENT 1.0%
PUC RULES REQUIRE THE UTILITY TO COLLECT A FEE OF ONE PERCENT OF THE RETAIL MONTHLY BILL
AND REMIT TO THE TCEQ.

SECTION 1.0 -- RATE SCHEDULE (Continued)

Section 1.02 - Miscellaneous Fees

TAP FEE \$750.00
TAP FEE COVERS THE UTILITY'S COSTS FOR MATERIALS AND LABOR TO INSTALL A STANDARD RESIDENTIAL 5/8" or 3/4" METER. AN ADDITIONAL FEE TO COVER UNIQUE COSTS IS PERMITTED IF LISTED ON THIS TARIFF.

TAP FEE \$950.00
TAP FEE COVERS THE UTILITY'S COSTS FOR MATERIALS AND LABOR TO INSTALL A STANDARD RESIDENTIAL 1" METER. AN ADDITIONAL FEE TO COVER UNIQUE COSTS IS PERMITTED IF LISTED ON THIS TARIFF.

TAP FEE (Unique costs) Actual Cost
FOR EXAMPLE, A ROAD BORE FOR CUSTOMERS OUTSIDE OF SUBDIVISIONS OR RESIDENTIAL AREAS.

TAP FEE (Large meter) Actual Cost
TAP FEE IS THE UTILITY'S ACTUAL COST FOR MATERIALS AND LABOR FOR METER SIZE INSTALLED.

METER RELOCATION FEE Actual Relocation Cost, Not to Exceed Tap Fee
THIS FEE MAY BE CHARGED IF A CUSTOMER REQUESTS THAT AN EXISTING METER BE RELOCATED.

METER TEST FEE \$25.00
THIS FEE WHICH SHOULD REFLECT THE UTILITY'S COST MAY BE CHARGED IF A CUSTOMER REQUESTS A SECOND METER TEST WITHIN A TWO-YEAR PERIOD AND THE TEST INDICATES THAT THE METER IS RECORDING ACCURATELY. THE FEE MAY NOT EXCEED \$25.

RECONNECTION FEE
THE RECONNECT FEE MUST BE PAID BEFORE SERVICE CAN BE RESTORED TO A CUSTOMER WHO HAS BEEN DISCONNECTED FOR THE FOLLOWING REASONS (OR OTHER REASONS LISTED UNDER SECTION 2.0 OF THIS TARIFF):

- a) Nonpayment of bill (Maximum \$25.00) \$25.00
- b) Other than nonpayment \$40.00

TRANSFER FEE \$40.00
THE TRANSFER FEE WILL BE CHARGED FOR CHANGING AN ACCOUNT NAME AT THE SAME SERVICE LOCATION WHEN THE SERVICE IS NOT DISCONNECTED.

LATE CHARGE (EITHER \$5.00 OR 10% OF THE BILL) \$5.00
PUC RULES ALLOW A ONE-TIME PENALTY TO BE CHARGED ON DELINQUENT BILLS. A LATE CHARGE MAY NOT BE APPLIED TO ANY BALANCE TO WHICH THE PENALTY WAS APPLIED IN A PREVIOUS BILLING.

RETURNED CHECK CHARGE \$25.00
RETURNED CHECK CHARGES MUST BE BASED ON THE UTILITY'S DOCUMENTABLE COST.

CUSTOMER DEPOSIT RESIDENTIAL (Maximum \$50) \$50.00

COMMERCIAL & NON-RESIDENTIAL DEPOSIT 1/6TH OF ESTIMATED ANNUAL BILL