



Control Number: 47639



Item Number: 1

Addendum StartPage: 0



Application for Sale, Transfer, or Merger of a Retail Public Utility

Pursuant to Chapter 13.251 of the Texas Water Code

Docket Number: 47639

(this number will be assigned by the Public Utility Commission after your application is filed)

7 copies of the application, including the original, along with one copy of the portable electronic storage medium (such as CD or DVD) containing the GIS data shall be filed with

Public Utility Commission of Texas
Attention: Filing Clerk
1701 N. Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326

RECEIVED
2017 SEP 22 PM 4:52

No later than seven days after filing the application for the boundary change, provide a copy of each paper map and a portable electronic storage medium (such as CD, flash drive or DVD) containing complete and identical data to the portable electronic storage medium submitted above to

Texas Natural Resources Information System
1700 N. Congress Ave, Room B40
Austin, Texas 78701

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Part A – General Information

*RN# *CN# * (PRIOR TCEQ ID numbers)

1. Proposed action of application (check all the boxes that apply):

<input type="checkbox"/> Sale of	<input checked="" type="checkbox"/> All	<input type="checkbox"/> Portion	of the	<input type="checkbox"/> Water system(s) under CCN No.:	<input type="text"/>
<input checked="" type="checkbox"/> Acquisition				<input checked="" type="checkbox"/> Sewer system(s) under CCN No.:	<input type="text" value="20688"/>
<input type="checkbox"/> Lease/Rental					

<input type="checkbox"/> Transfer of	<input type="checkbox"/> All	<input type="checkbox"/> Portion	of the	<input type="checkbox"/> Certificated water service area – CCN No.:	<input type="text"/>
				<input type="checkbox"/> Certificated sewer service area – CCN No.:	<input type="text"/>

If only a portion of a system or certificated service area is affected by this transaction, please specify the areas or subdivision involved:

and to:

<input checked="" type="checkbox"/> Obtain a CCN for the transferee (purchaser) – indicate if purchaser will take the seller's CCN	<input type="text"/>
<input type="checkbox"/> Amend the transferee's CCN No.:	<input type="text" value="Purchaser requests new CCN"/>
<input type="checkbox"/> Merge or consolidate public utilities	<input type="text"/>
<input type="checkbox"/> Cancel CCN of the transferor (seller)	<input type="text"/>

2. Proposed effective date of this transaction:

(Must be at least 120 days after proper notice is provided)

Part B – Current Service Provider or Seller Information

Questions 3 through 5 apply to the transferor (current service provider or seller)

3. For the current CCN holder or service provider please indicate:

A. Name:
(Individual, Corporation or Other Legal Entity)

who is a(n):of Individual Corporation WSC HOA or POA Other

B. Utility Name (if different than above):
Address: Telephone: (AC)

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 or accountant.

Name: <input type="text" value="Paul Rhodes"/>	Title: <input type="text" value="President"/>
Address: <input type="text" value="PO Box 2067, Alvin Texas 77512-2067"/>	Telephone: (AC) <input type="text" value="(281) 485-1330"/>

Fax:

Email:

4. About the last rate increase for the system or facilities being transferred:

A. What was the effective date of the last rate increase?

B. Was notice of this increase provided to the Public Utility Commission of Texas (commission or PUC) or a predecessor regulatory authority?

No Yes- Application/Docket Number: Date

5. Please provide a list of all customers affected by this transaction who have deposits held by the transferor or seller utility, if any, and include the following information (attach additional sheets if necessary):

Name and Address of Utility Customer	Date of Deposit	Amount of Deposit	Amount of Unpaid Interest on Deposit
Please See Attachment 'B'			

Part C – Purchaser or Transferee Information

Questions 6 through 16 refer to the transferee or purchaser.

6. For the person or entity acquiring the facilities and/or CCN:

Applicant:
(Individual, Corporation, or Other Legal Entity)

Utility Name:
(If different than above)

Utility Address:

Fax: Email: Telephone (AC):

CCN Numbers held prior to the filing of this application:

7. Check the appropriate box and provide information regarding the legal status of the transferee applicant:

- Individual
- Home or Property Owners Association
- Partnership; attach copy of partnership agreement
- Corporation; provide charter number as recorded with the Office of the Secretary of State for Texas:
- Non-profit, member owned, member-controlled Cooperative Corporation (Article 1434(a) Water Sewer Service Corporation); provide charter number:

<input type="checkbox"/>	Municipally-owned utility
<input type="checkbox"/>	District (MUD, SUD, WCID, etc.)
<input type="checkbox"/>	County
<input type="checkbox"/>	Other (please explain):

8. If the applicant is an *Individual* or sole proprietorship, provide the following information. If not, skip to the next question.

Name:	NA	Email:	
Address:	NA		
Telephone (AC):		Fax (AC):	

9. If the applicant is other than an *Individual*, provide the following information regarding the officers or partners of the legal entity applying for the transfer. You must complete either question 8 or question 9, whichever applies to the transferee applicant. Please See Attachment 'C'

•Name:		Telephone (AC):	
Address:			
Position:		Ownership % (if applicable):	0.00%

•Name:		Telephone (AC):	
Address:			
Position:		Ownership % (if applicable):	0.00%

•Name:		Telephone (AC):	
Address:			
Position:		Ownership % (if applicable):	0.00%

•Name:		Telephone (AC):	
Address:			
Position:		Ownership % (if applicable):	0.00%

•Name:		Telephone (AC):	
Address:			
Position:		Ownership % (if applicable):	0.00%

•Name:		Telephone (AC):	
Address:			
Position:		Ownership % (if applicable):	0.00%

- Attach additional sheet(s) if necessary -

Important: • If the applicant is a for-profit corporation, please provide a copy of the corporation's "Certification of Account Status" from the State Comptroller Office. This "Certification of Account Status" can be obtained from: Please See Attachment 'D'

Texas Comptroller of Public Accounts
P. O. Box 13528, Capitol Station
Austin, Texas 78711
1-800-252-5555

- If the applicant is an Article 1434a water supply or sewer service corporation or other non-profit corporation, please provide a copy of the Articles of Incorporation and By-Laws.

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

Name:	Peter T. Gregg	Title:	Partner-Dubois Bryant&Campbell
Address:	303 Colorado, Suite 2300 Austin, Texas 78701	Telephone (AC):	(512) 457-8000
Fax #	(512) 457-8008	Email	pgregg@dbcllp.com
Relationship to the applicant:	Attorney		

IF THERE ARE MORE THAN TWO PARTIES INVOLVED IN THIS TRANSACTION, PLEASE ATTACH SHEETS PROVIDING THE INFORMATION REQUIRED IN QUESTION 6 THROUGH QUESTION 10 FOR EACH PARTY

11. Please respond to each of the following questions. Attach additional sheets if necessary.

A. Describe the experience and qualifications of the applicant to provide adequate utility service to the requested area

Please See Attachment 'E'

B. Has the applicant acquiring the CCN or facilities or an affiliated interest of the applicant been under enforcement action by the PUC, TCEQ, Texas Department of Health (TDH), the Office of the Attorney General (OAG) or the Environmental Protection Agency (EPA) in the past for noncompliance with rules, orders or State Statutes? Yes No

If yes, please attach copies of any correspondence with these regulatory agencies concerning these enforcement actions and describe any actions and efforts to comply with those requirements. Attach additional sheets if needed.

C. Describe the source and availability of funds required to make the planned or required improvements, if any, to meet minimum requirements of the TCEQ and PUC and ensure continuous and adequate service.

Undine Texas Environmental, LLC, formerly EMCAD, is funded through equity and/or bank financing.

D. Describe the anticipated impact of this transaction on the quality of utility service and explain any anticipated changes in the quality of service.

Undine Texas Environmental, LLC, formerly EMCAD, intends to raise the standards of quality for: 1) customer service, 2) customer and regulatory communications, 3) all regulatory compliance issues.

E. How will the transaction serve the public interest?

The public will be better served through Undine Texas Environmental, LLC, formerly EMCAD, ownership of water and/or wastewater utilities due to the improvements to utility customer service and the improvements to operations and maintenance. The EPA reports to Congress state that the best possible future for small to midsize privately owned utilities is to be acquired by a larger more responsible provider that possesses the financial, managerial and technical experience to insure the system meets regulatory requirements.

12. Please describe the nature of the proposed transaction:

Undine Texas Environmental, LLC, formerly EMCAD, will purchase all utility assets listed in Attachment 'A'

13. If the transferee applicant is an Investor Owned Utility (IOU) and will be under the rate jurisdiction of the PUC, please provide the following information. Water supply or sewer service corporations and political subdivisions of the state should mark this section N/A: Please See Attachments 'F' & 'G'

- A.
 - Total Purchase Price:
 - Total Original Cost (as recorded on books of seller or merging entity):
 - Accumulated Depreciation as of the proposed effective date of the transaction:
 - Contributions in Aid of Construction:
 - Specific surcharges approved by TCEQ or PUC:
 - Revenues from explicit customer agreements:
 - Developer Contributions (please explain):

None

- Other Contributions (please explain):

None

Total Contributions in Aid of Construction

• Net Book Value:

- If the Original Cost or any of the above items has been established in a rate case proceeding by the PUC, the TWC or the TCEQ, please provide the Application/Docket Number and date:

Application/Docket Number: Date:

- If the applicant is not under the rate jurisdiction of the TCEQ, only the purchase price and information related to Contributions in Aid of Construction is required.

Please provide any other information concerning the nature of the transaction you believe should be given consideration if not explained elsewhere in the application.

[attach additional sheet(s) if necessary]:

The public will be better served through Undine Texas Environmental, LLC, formerly EMCAD, ownership of wastewater utilities due to the improvements to utility customer service and the improvements to operations and maintenance. The EPA reports to Congress state that the best possible future for small to mid-size privately owned utilities is to be acquired by a larger more responsible provider that possesses the financial, managerial and technical experience to insure the system meets regulatory requirements.

- C. Complete the following proposed entries listed below as shown in books of purchasing (or surviving) company. Additional entries may be made; the following are suggested only, and not intended to pose descriptive limitations.

Please See Attachment 'G' Utility Plant in Service:	<input type="text"/>
Plant Acquisition Adjustment:	<input type="text"/>
Extraordinary Loss on Purchase:	<input type="text"/>
Accumulated Depreciation of Plant:	<input type="text"/>
Cash:	<input type="text"/>
Notes Payable:	<input type="text"/>
Mortgage Payable:	<input type="text"/>
Others (please list):	<input type="text"/>

As the purchaser, I understand that it is **my 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.

Purchaser's Initials: Date:

14. Please indicate the proposed effect of this transaction on the rates to be charged to the affected customers:

All the customers will be charged the same rates as they were charged before the transaction.

Some All customers will be charged different rates than they were charged before the transaction.

If rates are changing, please explain:

Not Applicable

Applicant is an IOU and intends to file with the commission or municipal regulatory authority an application to change rates of some/all of its customers as a result of this transaction. If so, please explain:

Not Applicable

Other. Please explain:

Not Applicable

15. List all neighboring water and /or sewer utilities, cities, and political subdivisions providing the same service within two (2) miles of area affected by this proposed transaction. This information should be available from the water utility database (WUD) or Applicant's licensed water operator.

Please See Attachment 'H'

16. Financial, Managerial and Technical information for the acquiring entity.

Please See Attachment 'G'

Part D - Historical Financial Information

HISTORICAL BALANCE SHEETS	CURRENT YEAR (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						
Total						
FIXED ASSETS						
Land						
Collection/Distribution System						
Buildings						
Equipment						
Other						
Less: Accum. Depreciation or Reserves						
Total						
TOTAL ASSETS						
CURRENT LIABILITIES						
Accounts Payable						
Notes Payable, Current						
Accrued Expenses						
Other						
TOTAL						
LONGTERM LIABILITIES						
Notes Payable, Long-term						
Other						
TOTAL LIABILITIES						
OWNER'S EQUITY						
Paid in Capital						
Retained Equity						
Other						
Current Period Profit or Loss						
TOTAL OWNER'S EQUITY						
TOTAL LIABILITIES AND EQUITY						
WORKING CAPITAL						
CURRENT RATIO						
DEBT TO EQUITY RATIO EQUITY TO TOTAL ASSETS						

Please See Attachment 'G'

HISTORICAL INCOME STATEMENT	CURRENT YEAR (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						
Fees Per Meter						
Cost Per Meter						
Operating Revenue Per Meter						
GROSS WATER REVENUE						
Fees						
Other						
Gross Income						
OPERATING EXPENSES						
General & Administrative						
Interest						
Other						
NET INCOME						

Please See Attachment 'G'

HISTORICAL EXPENSE DETAIL	CURRENT YEAR (A)	A-1 YEAR	A-2 YEAR	A-3 YEAR	A-4 YEAR	A-5 YEAR
GENERAL/ADMINISTRATIVE EXPENSES						
Salaries						
Office Expense						
Computer Expense						
Auto Expense						
Insurance Expense						
Telephone Expense						
Utilities Expense						
Depreciation Expense						
Property Taxes						
Professional Fees						
Other						
Total						
% Increase Per Year						
OPERATIONAL EXPENSES						
Salaries						
Auto Expense						
Utilities Expense						
Depreciation Expense						
Repair & Maintenance						
Supplies						
Other						
Total						
% Increase Per Year						
ASSUMPTIONS						
Interest Rate/Terms						
Utility Cost/gal.						
Depreciation Schedule						
Other						

Part E - Projected Information

PROJECTED BALANCE SHEETS

	START UP	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5
CURRENT ASSETS						
Cash						
Accounts Receivable						
Inventories						
Income Tax Receivable						
Other						
Total						
FIXED ASSETS						
Land						
Collection/Distribution System						
Buildings						
Equipment						
Other						
Less: Accum. Depreciation or Reserves						
Total						
TOTAL ASSETS						
CURRENT LIABILITIES						
Accounts Payable						
Notes Payable, Current						
Accrued Expenses						
Other						
Total						
LONGTERM LIABILITIES						
Notes Payable, Long-term						
Other						
TOTAL LIABILITIES						
OWNER'S EQUITY						
Paid in Capital						
Retained Equity						
Other						
Current Period Profit or Loss						
TOTAL OWNER'S EQUITY						
TOTAL LIABILITIES AND EQUITY						
WORKING CAPITAL						
CURRENT RATIO						
DEBT TO EQUITY RATIO						
EQUITY TO TOTAL ASSETS						

Please See Attachment 'G'

PROJECTED INCOME STATEMENT

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTALS
METER NUMBER						
Existing Number of Taps						
New Taps Per Year						
Total Meters at Year End						
METER REVENUE						
Fees Per Meter						
Cost Per Meter						
Operating Revenue Per Meter						
GROSS WATER REVENUE						
Fees						
Other						
Gross Income						
OPERATING EXPENSES						
General & Administrative						
Interest						
Other						
NET INCOME						

Please See Attachment 'G'

PROJECTED EXPENSE DETAIL

	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTALS
GENERAL/ADMINISTRATIVE EXPENSES						
Salaries						
Office Expense						
Computer Expense						
Auto Expense						
Insurance Expense						
Telephone Expense						
Utilities Expense						
Depreciation Expense						
Property Taxes						
Professional Fees						
Other						
Total						
% Increase Per Year	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OPERATIONAL EXPENSES						
Salaries						
Auto Expense						
Utilities Expense						
Depreciation Expense						
Repair & Maintenance						
Supplies						
Other						
Total						
% Increase Per Year	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ASSUMPTIONS						
Interest Rate/Terms						
Utility Cost/gal.						
Depreciation Schedule						
Other						

Please See Attachment 'G'

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)						
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						
SERVICE (CADS)						
Net Income (Loss)						
Depreciation, or Reserve Interest						
Total						
REQUIRED DEBT SERVICE (RDS)						
Principle Plus Interest						
DEBT SERVICE COVERAGE RATIO						
CADS Divided by RDS						

Part F – TCEQ Public Water or Sewer System Information

Please See Attachment 'I'

Please answer questions 17 through 22 on a different sheet for each physically Distinct system being transferred or acquired.

17. A. For Water Systems. TCEQ Public Water System Identification Number:

Date of last inspection:

B. For Wastewater Systems:

-TCEQ Discharge Permit Number: W Q -
 -Name of Permittee:
 -Date of application to transfer Discharge Permit submitted:
 -Date of application to transfer Discharge Permit approved by TCEQ:

18. A. Are any improvements required to meet TCEQ or PUC standards? Yes No. If yes, please explain:

B. Is there a moratorium on new connections? Yes No. If yes, please explain:

C. Provide details of each required major capital improvement to correct the deficiencies and meet the TCEQ or PUC standards (attach additional sheets if necessary):

Description of the Required Improvement	Schedule to Complete	Estimated Cost

19. Does the system being transferred operate within the city limits of a municipality or within district boundaries? Yes No

If yes, indicate the number of customers within the city limits or district boundaries:
 Water Sewer

Attach copy of franchise agreement or consent letter from the city or district.

20. Do you currently purchase water or sewer treatment capacity from another source? Yes No
 Water Sewer Purchased on a Regular Seasonal Emergency Basis

• Source: % of total supply:

21. List the number of existing connections to be effected by this transaction.

Water			Sewer		
<input type="text"/>	-Non Metered	<input type="text"/>	-2"meter	<input type="text"/>	-Residential Connection
<input type="text"/>	-5/8" or 3/4" meter	<input type="text"/>	-3" meter	<input type="text"/>	-Commercial Connection
<input type="text"/>	-1" meter	<input type="text"/>	-4" meter	<input type="text"/>	-Industrial Connection
<input type="text"/>	-1 1/2" meter	<input type="text"/>	-Other	<input type="text"/>	-Other
Total Water Connections:			Total Sewer Connections		

22. Has the system reached 85% of its capacity based on TCEQ's minimum requirements? Yes No
 If yes, please explain what steps are being taken to address the capacity issues:

23. List the name, class, and license number of the operator(s) that will be responsible for the system:

Name	Class	License#
See Attachment 'J'		

24. Attach the following maps with each copy of the application: Please See Attachment 'K'
- a. One small scale map clearly showing affected service area with enough detail to accurately locate the area if the application is for the transfer of all or a portion of a CCN.
 - b. One large scale map showing the proposed service area boundaries being sold, transferred, or merged and, if available, the existing and proposed facilities. Color coding should be used to differentiate existing from proposed facilities. Facilities and service area boundaries should be shown with such exactness that they can be located on the ground. If transferring area not currently in a CCN or a portion of an existing CCN area please attach the following hard copy maps with each copy of the application:
 1. A general location map delineating the proposed service area with enough detail to accurately locate the proposed area within the county.
 2. A map showing only the proposed area by:
 - i. metes and bounds survey certified by a licensed state or registered professional land surveyor; or
 - ii. projectable digital data with metadata (proposed areas should be in a single record and clearly labeled, data disk should be included); or
 - iii. following verifiable natural and man-made landmarks, or
 - iv. a copy of recorded plat map with metes and bounds.
 3. A written description of the proposed service area.

Part G – Oaths and Notices

OATH FOR SELLER OR FORMER SERVICE PROVIDER

STATE OF TEXAS

COUNTY OF HARRIS

I, PAUL RHODES, being duly sworn, file this application for sale, lease, rental or merger or consolidation as PRESIDENT (indicate relationship to applicant) that is, owner, member of partnership, title as officer of corporation, or other authorized representative of applicant; 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 state that I have provided to the purchaser or transferee a written disclosure statement about any contributed property as required under Section 13.301(j) and copies of any outstanding Orders of the Texas Commission on Environmental Quality, the Public Utility Commission of Texas, or Attorney General and have also complied with the notice requirements in Section 13.301(k) of the Texas Water Code.

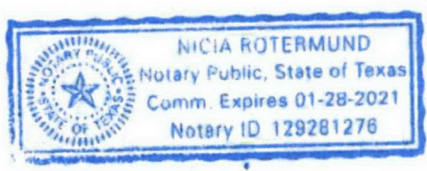
Paul Rhodes

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 TO BEFORE ME, a Notary Public in and for the State of Texas, this day 19 of Sept, 20 17.

SEAL



Nicia Rotermund
NOTARY PUBLIC IN AND FOR THE
STATE OF TEXAS

Nicia Rotermund
PRINT OR TYPE NAME OF NOTARY

MY COMMISSION EXPIRES 1-28-2021

One copy of this page must be submitted for each utility involved in this transaction.

OATH FOR PURCHASER OR ACQUIRING ENTITY

STATE OF TEXAS

COUNTY OF HARRIS

I, CAREY THOMAS, being duly sworn, file this application for

sale, lease, rental or merger or consolidation as SR VICE PRESIDENT (indicate relationship to applicant) that is, owner, member of partnership, title as officer of corporation, or other authorized representative of applicant); 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 am also authorized and do agree to be bound by and comply with any outstanding orders of the Texas Commission on Environmental Quality, the Public Utility Commission of Texas or the Attorney General which have been issued to the system or facilities being acquired and recognize that I will be subject to administrative penalties or other enforcement actions if I do not comply.

Carey A. Thomas
AFFIANT

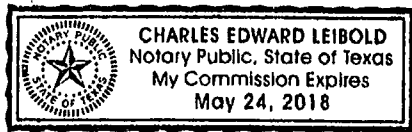
(Utility's Authorized Representative)

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.

Applicant represents that all other parties to this transaction have been furnished copies of this completed application.

SUBSCRIBED AND SWORN TO BEFORE ME, a Notary Public in and for the State of Texas, this day 19th of SEPT, 20 17.

SEAL



Charles E. Leibold
NOTARY PUBLIC IN AND FOR THE
STATE OF TEXAS

CHARLES E. LEIBOLD
PRINT OR TYPE NAME OF NOTARY

MY COMMISSION EXPIRES 5/24/2018

One copy of this page must be submitted for each utility involved in this transaction.

Notice to Current Customers, Neighboring Systems and Cities

Gulf Coast Utility Company, Inc. _____ 'S
(Seller's or Transferor's Name)

NOTICE OF INTENT TO SELL FACILITIES AND TRANSFER CERTIFICATE OF CONVENIENCE AND NECESSITY (CCN) NO

20688

TO

Undine Texas Environmental, LLC, formerly EMCAD
(Purchaser's or Transferee's Name)

IN Brazoria _____ COUNTY, TEXAS

To: _____ Date Notice Mailed _____, 20 ____
(Name of Customer, Neighboring System or City)

(Address)

City State Zip

Gulf Coast Utility Company, Inc. PO Box 2067 Alvin Texas 77512-2067
Sellers or Transferors' Name Address City/State/Zip Code

has submitted an application with the Public Utility Commission of Texas to sell facilities and transfer water or sewer (please select) CCN No. 20688 in Brazoria [County Name]

County to:

Undine Texas Environmental, LLC, formerly EMCAD 10913 Metronome Dr., Houston Texas 77043
Purchasers or Transferee's Name Address City/State/Zip Code

The sale is scheduled to take place as approved by the Commission (V.T.C.A., Water Code §13.301). The transaction and the transfer of the CCN include the following subdivision(s):

The area subject to this transaction is located approximately _____ miles _____ [direction] of downtown _____, [City or Town] Texas, and is generally bounded on the north by _____

_____ ;on the east by _____
;on the south by _____ ;and on the west by _____

The total area being requested includes approximately _____ acres and serves _____ current customers.

This transaction will have the following effect on the current customer's rates and services:

This application will not change the customers rates

Affected persons may file written protests and/or request a public hearing within 30 days of this notice.

To request a hearing, you must:

- (1) state your name, mailing address and daytime telephone number;
- (2) state the applicant's name, application number or another recognizable reference to this application;
- (3) include the statement "I/we request a public hearing";
- (4) write a brief description of how you, the persons you represent, or the public interest would be adversely affected by the proposed transaction and transfer of the CCN; and
- (5) state your proposed adjustment to the application or CCN which would satisfy your concerns and cause you to withdraw your request for a hearing.

Only those persons who submit a written request to be notified of a hearing will receive notice if a hearing is scheduled. The Commission will issue the CCN requested in the referenced application unless a hearing is scheduled to consider the transaction. If no protests or requests for hearing are filed during the comment period, the Commission may issue the CCN 30 days after publication of this notice.

Persons who wish to protest or request a hearing on this application should write the:

Filing Clerk
Public Utility Commission of Texas
1701 North Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326

**Se desea informacion en Espanol, puede llamar al
1-888-782-8477**

Utility Representative

Utility Name

Notice to Current Customers, Neighboring Systems, Landowner and Cities

Gulf Coast Utility Company, Inc. 'S NOTICE OF INTENT TO SELL FACILITIES TO
(Seller's or Transferor's Name)

Undine Texas Environmental, LLC, formerly EMCAD AND FOR Undine Texas Environmental, LLC
(Purchaser's or Transferee's Name) Purchaser's or Transferee's Name)

TO OBTAIN OR AMEND A CERTIFICATE OF CONVENIENCE AND NECESSITY (CCN) IN
Brazoria COUNTY, TEXAS

To: _____ Date Notice Mailed _____, 20 ____
(Name of Customer, Neighboring System, Landowner or City)

(Address)

City State Zip

Gulf Coast Utility Company, Inc. PO Box 2067 Alvin Texas 77512-2067
Sellers or Transferors' Name Address City/State/Zip Code

has submitted an application with the Public Utility Commission of Texas to sell water or sewer (please select) Facilities in Brazoria [County Name] County to:

Undine Texas Environmental, LLC, formerly EMCAD 10913 Metronome Dr., Houston Texas 77043
Purchasers or Transferee's Name Address City/State/Zip Code

The transferee has also requested to obtain/amend a CCN in this application. The sale is scheduled to take place as approved by the Commission (Texas Water Code §13.301). The transaction and the proposed service area include the following subdivision(s):

The area subject to this transaction is located approximately _____ miles _____ [direction] of downtown _____, [City or Town] Texas, and is **generally** bounded on the north by _____; on the east by _____; on the south by _____; and on the west by _____

The total area being requested includes approximately _____ acres and serves _____ current customers. This transaction will have the following effect on the current customer's rates and services: This application will not change the customers rates

Affected persons may file written protests and/or request a public hearing within 30 days of this notice.

To request a hearing, you must:

- (1) state your name, mailing address and daytime telephone number;
- (2) state the applicant's name, application number or another recognizable reference to this application;
- (3) include the statement "I/we request a public hearing";
- (4) write a brief description of how you, the persons you represent, or the public interest would be adversely affected by the proposed transaction and transfer of the CCN; and
- (5) state your proposed adjustment to the application or CCN which would satisfy your concerns and cause you to withdraw your request for a hearing.

Only those persons who submit a written request to be notified of a hearing will receive notice if a hearing is scheduled. The Commission will issue the CCN requested in the referenced application unless a hearing is scheduled to consider the transaction. If no

protests or requests for hearing are filed during the comment period, the Commission may issue the CCN 30 days after publication of this notice.

Persons who wish to protest or request a hearing on this application should write the:

Filing Clerk
Public Utility Commission of Texas
1701 North Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326

**Se desea informacion en Espanol, puede llamar al
1-888-782-8477**

Utility Representative

Utility Name

TABLE OF CONTENTS

Application for Sale, Transfer, or Merger of a Retail Public Utility

Attachment 'A'	CCN Number, Subdivision Name(s), RN Number(s), Current Tariff
Attachment 'B' Confidential	Customer Name, Address, and Deposit Information
Attachment 'C' Confidential	Limited Liability Company Agreement Undine Texas Environmental, LLC and Organizational Chart
Attachment 'D'	Certificate of Account Status
Attachment 'E' Confidential	Evidence of Financial, Managerial and Technical, and Capabilities
Attachment 'F' Confidential	Letter of Intent
Attachment 'G' Confidential	Financial Information
Attachment 'H'	Utilities within 2-Miles
Attachment 'I'	Individual Page 16 & 17 for Each System, and Inspection Reports
Attachment 'J'	Operators Information
Attachment 'K'	CCN Maps to be Transferred with this Application, and CCN Descriptions
Attachment 'L'	Wastewater Discharge Permits and Transfer Applications

Attachment 'A'

CCN Number, Subdivision Name, RN Number, Current Tariff

**Gulf Coast Utility Company, Inc.
Company Information**

Southwood Estates

CN	602565483
CCN	20688
RN	102076239
PWSID No	TX0093823
Discharge Permit No	WQ0012780001
Subdivision	Southwood Estates
County	Brazoria

Spring Crossing/288 Business Park

CN	602565483
CCN	20688
RN	105598890
PWSID No	n/a
Discharge Permit No	WQ0012780001
Subdivision	Spring Crossing/288 Business Park
County	Brazoria

**SEWER UTILITY TARIFF
FOR
Gulf Coast Utility Company, Inc.**

Gulf Coast Utility Company, Inc.
(Utility Name)

P. O. Box 2067
(Business Address)

Alvin, Texas 77512
(City, State, Zip Code)

(281) 585-5755
(Area Code/Telephone)

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

20688

This tariff is effective in the following county:

Brazoria

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

Iowa Colony

This tariff is effective in the following subdivisions and water quality permit numbers:

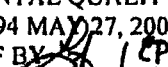
Cold River Ranch, Southwood Estates, Spring Crossing/288 Business Park: WQ 12780-001

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 TCEQ AND WILL HAVE TO BE OBTAINED FROM THE CITY OR UTILITY.

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	3
SECTION 3.0 -- EXTENSION POLICY	10
APPENDIX A -- SAMPLE SERVICE AGREEMENT	
APPENDIX B -- APPLICATION FOR SERVICE	

TEXAS COMM. ON ENVIRONMENTAL QUALITY
36118-C, 36119-C, CCN 12094 MAY 27, 2009
APPROVED TARIFF BY 

SECTION 1.0 - RATE SCHEDULE

<u>Meter Size</u>	<u>Monthly Minimum Charge</u>	<u>Gallonge Charge</u>
5/8" or 3/4"	<u>\$30.00</u> (Includes <u>2,000</u> gallons)	<u>\$2.00</u> per 1000 gallons, over the minimum

FORM OF PAYMENT: The utility will accept the following form(s) of payment:
 Cash X, Check X, Money Order____, 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%
 TCEQ RULES REQUIRE THE UTILITY TO COLLECT A FEE OF ONE PERCENT OF THE RETAIL MONTHLY BILL.

Section 1.02 - Miscellaneous Fees

TAP FEE \$250.00
 TAP FEE COVERS THE UTILITY'S COSTS FOR MATERIALS AND LABOR TO INSTALL A STANDARD RESIDENTIAL CONNECTION. AN ADDITIONAL FEE TO COVER UNIQUE COSTS IS PERMITTED IF LISTED ON THIS TARIFF.

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

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) Non payment of bill (Maximum \$25.00) \$25.00
- b) Customer's request that service be disconnected \$35.00

TRANSFER FEE \$25.00
 THE TRANSFER FEE WILL BE CHARGED FOR CHANGING AN ACCOUNT NAME AT THE SAME SERVICE LOCATION WHEN THE SERVICE IS NOT DISCONNECTED

RATES LISTED ARE EFFECTIVE ONLY
 IF THIS PAGE HAS TCEQ APPROVAL STAMP

TEXAS COMM. ON ENVIRONMENTAL QUALITY
 34847-S, CCN 20688, APRIL 21, 2005
 APPROVED TARIFF BY SP

SECTION 1.0 - RATE SCHEDULE

LATE CHARGE (EITHER \$5.00 OR 10% OF THE BILL) \$5.00
TCEQ 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

GOVERNMENTAL TESTING, INSPECTION AND COSTS SURCHARGE \$ _____
WHEN AUTHORIZED IN WRITING BY TCEQ AND AFTER NOTICE TO CUSTOMERS, THE UTILITY MAY INCREASE RATES TO RECOVER INCREASED COSTS FOR INSPECTION FEES AND WATER TESTING. [30 TAC 291.21(K)(2)]

LINE EXTENSION AND CONSTRUCTION CHARGES:
REFER TO SECTION 3.0-EXTENSION POLICY FOR TERMS, CONDITIONS, AND CHARGES WHEN NEW CONSTRUCTION IS NECESSARY TO PROVIDE SERVICE.

**RATES LISTED ARE EFFECTIVE ONLY
IF THIS PAGE HAS TCEQ APPROVAL STAMP**

TEXAS COMM. ON ENVIRONMENTAL QUALITY
34847-S, CCN 20688, APRIL 21, 2005
APPROVED TARIFF BY SP

SECTION 1.0 - RATE SCHEDULE

<u>Meter Size</u>	<u>Monthly Minimum Charge</u>	<u>Gallonage Charge</u>
5/8" or 3/4"	<u>\$30.00</u> (Includes 2,000 gallons)	<u>\$2.00</u> per 1000 gallons over the minimum

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

Cash X, Check X, Money Order _____, Credit Card _____, Other (specify) _____
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- a) Non payment of bill (Maximum \$25.00) \$25.00
- b) Customer's request that service be disconnected \$35.00

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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
TCEQ 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.

**RATES LISTED ARE EFFECTIVE ONLY
IF THIS PAGE HAS TCEQ APPROVAL STAMP**

TEXAS COMM. ON ENVIRONMENTAL QUALITY
34847-S, CCN 20688, APRIL 21, 2005
APPROVED TARIFF BY [Signature]

SECTION 1.0 - RATE SCHEDULE (continued)

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

LINE EXTENSION AND CONSTRUCTION CHARGES:
REFER TO SECTION 3.0--EXTENSION POLICY FOR TERMS, CONDITIONS, AND CHARGES WHEN NEW
CONSTRUCTION IS NECESSARY TO PROVIDE SERVICE.

**RATES LISTED ARE EFFECTIVE ONLY
IF THIS PAGE HAS TCEQ APPROVAL STAMP**

TEXAS COMM. ON ENVIRONMENTAL QUALITY
34847-S, CCN 20688, APRIL 21, 2005
APPROVED TARIFF BY *[Signature]*

SECTION 2.0 -- SERVICE RULES AND POLICIES

The utility will have the most current Texas Commission On Environmental Quality Rules, Chapter 291, Water Utility Regulation, available at its office for reference purposes. The Rules and this tariff shall be available for public inspection and reproduction at a reasonable cost. The latest Rules or Commission approved changes to the Rules supersede any rules or requirements in this tariff.

Section 2.01 - Application for Sewer Service

All applications for service will be made on the utility's standard application or contract form (attached in the Appendix to this tariff), will be signed by the applicant, any required fees (deposits, reconnect, tap, extension fees, etc. as applicable) will be paid and easements, if required, will be granted before service is provided by the utility. A separate application or contract will be made for each service location.

Section 2.02 - Refusal of Service

The utility may decline to serve an applicant until the applicant has complied with the regulations of the regulatory agencies (state and municipal regulations) and for the reasons outlined in the TCEQ Rules. In the event that the utility refuses to serve an applicant, the utility will inform the applicant in writing of the basis of its refusal. The utility is also required to inform the applicant that a complaint may be filed with the Commission.

Section 2.03 - Fees and Charges & Easements Required Before Service Can Be Connected

(A) Customer Deposits

If a residential applicant cannot establish credit to the satisfaction of the utility, the applicant may be required to pay a deposit as provided for in Section 1.02 - Miscellaneous Fees of this tariff. The utility will keep records of the deposit and credit interest in accordance with TCEQ Rules.

Residential applicants 65 years of age or older may not be required to pay deposits unless the applicant has an outstanding account balance with the utility or another water or sewer utility which accrued within the last two years.

Nonresidential applicants who cannot establish credit to the satisfaction of the utility may be required to make a deposit that does not exceed an amount equivalent to one-sixth of the estimated annual billings.

SECTION 2.0 -- SERVICE RULES AND POLICIES (Continued)

Refund of deposit - If service is not connected, or after disconnection of service, the utility will promptly refund the customer's deposit plus accrued interest or the balance, if any, in excess of the unpaid bills for service furnished. The utility may refund the deposit at any time prior to termination of utility service but must refund the deposit plus interest for any customer who has paid 18 consecutive billings without being delinquent.

(B) Tap or Reconnect Fees

A new customer requesting service at a location where service has not previously been provided must pay a tap fee as provided in Section 1. A customer requesting service where service has previously been provided must pay a reconnect fee as provided in Section 1. Any applicant or existing customer required to pay for any costs not specifically set forth in the rate schedule pages of this tariff shall be given a written explanation of such costs prior to request for payment and/or commencement of construction. If the applicant or existing customer does not believe that these costs are reasonable or necessary, the applicant or existing customer shall be informed of their right to appeal such costs to the TCEQ or such other regulatory authority having jurisdiction over the utility's rates in that portion of the utility's service area in which the applicant's or existing customer's property(ies) is located.

Fees in addition to the regular tap fee may be charged to cover unique costs not normally incurred as permitted by 30 T. A. C. 291.86(a)(1)(C) if they are listed on this approved tariff. For example, a road bore for customers outside a subdivision or residential area could be considered a unique cost.

(C) Easement Requirement

Where recorded public utility easements on the service applicant's property do not exist or public road right-of-way easements are not available to access the applicant's property, the Utility may require the applicant to provide it with a permanent recorded public utility easement on and across the applicant's real property sufficient to provide service to that applicant. Such easement(s) shall not be used for the construction of production, storage, transmission or pressure facilities unless they are needed for adequate service to that applicant.

Section 2.04 - Utility Response to Applications for Service

After the applicant has met all the requirements, conditions and regulations for service, the utility will install tap and utility cut-off and/or take all necessary actions to initiate service. The utility will serve each qualified applicant for service within 5 working days unless line extensions or new facilities are required. If construction is required to fill the order and if it cannot be completed within 30 days, the utility will provide the applicant with a written explanation of the construction required and an expected date of service.

TEXAS COMM. ON ENVIRONMENTAL QUALITY
34847-S, CCN 20688, APRIL 21, 2005
APPROVED TARIFF BY *[Signature]*

SECTION 2.0 -- SERVICE RULES AND POLICIES

Except for good cause where service has previously been provided, service will be reconnected within one working day after the applicant has met the requirements for reconnection.

Section 2.05 - Customer Responsibility

The customer will be responsible for furnishing and laying the necessary customer service pipe from the tap location to the place of consumption. Customers will not be allowed to use the utility's cutoff.

2.06 Access to Customer's Premises

All customers or service applicants shall provide access to utility cutoffs at all times reasonably necessary to conduct ordinary utility business and after normal business hours as needed to protect and preserve the integrity of the public drinking water supply.

Section 2.07 - Back Flow Prevention Devices

No water connection shall be made to any establishment where an actual or potential contamination or system hazard exists without an approved air gap or mechanical backflow prevention assembly. The air gap or backflow prevention assembly shall be installed in accordance with the American Water Works Association (AWWA) standards C510, C511 and AWWA Manual M14 or the University of Southern California Manual of Cross-Connection Control, current edition. The backflow assembly installation by a licensed plumber shall occur at the customer's expense.

The back flow assembly shall be tested upon installation by a recognized prevention assembly tester and certified to be operating within specifications. Back flow prevention assemblies which are installed to provide protection against high health hazards must be tested and certified to be operating within specifications at least annually by a recognized back flow prevention device tester. The maintenance and testing of the back flow assembly shall occur at the customer's expense.

Section 2.10 - Billing

(A) Regular Billing

Bills from the utility will be mailed monthly unless otherwise authorized by the Commission. The due date of bills for utility service will be at least sixteen (16) days from the date of issuance. The postmark on the bill or, if there is no postmark on the bill, the recorded date of mailing by the utility will constitute proof of the date of issuance. Payment for utility service is delinquent if full payment, including late fees and the regulatory assessment, is not received at the utility or the utility's authorized payment agency by 5:00 p.m. on the due date. If the due date falls on a holiday or weekend, the due date for payment purposes will be the next workday after the due date.

SECTION 2.0 -- SERVICE RULES AND POLICIES

(B) Late Fees

A late penalty of either \$5.00 or 10.0% will be charged on bills received after the due date. The penalty on delinquent bills will not be applied to any balance to which the penalty was applied in a previous billing. The utility must maintain a record of the date of mailing to charge the late penalty.

(C) Information on Bill

Each bill will provide all information required by the TCEQ Rules. For each of the systems it operates, the utility will maintain and note on the monthly bill a local or toll-free telephone number (or numbers) to which customers can direct questions about their utility service.

(D) Prorated Bills

If service is interrupted or seriously impaired for 24 consecutive hours or more, the utility will prorate the monthly base bill in proportion to the time service was not available to reflect this loss of service.

Section 2.11- Payments

All payments for utility service shall be delivered or mailed to the utility's business office. If the business office fails to receive payment prior to the time of noticed disconnection for non-payment of a delinquent account, service will be terminated as scheduled. Utility service crews shall not be allowed to collect payments on customer accounts in the field.

Payment of an account by any means that has been dishonored and returned by the payor or payee's bank, shall be deemed to be delinquent. All returned payments must be redeemed with cash or valid money order. If a customer has two returned payments within a twelve month period, the customer shall be required to pay a deposit if one has not already been paid.

Section 2.12 - Service Disconnection

(A) With Notice

Utility service may be disconnected if the bill has not been paid in full by the date listed on the termination notice. The termination date must be at least 10 days after the notice is mailed or hand delivered.

The utility is encouraged to offer a deferred payment plan to a customer who cannot pay an outstanding bill in full and is willing to pay the balance in reasonable installments. However, a customer's utility service may be disconnected if a bill has not been paid or a deferred payment agreement entered into within 26 days from the date of issuance of a bill and if proper notice of termination has been given.

SECTION 2.0 -- SERVICE RULES AND POLICIES

Notice of termination must be a separate mailing or hand delivery in accordance with the TCEQ Rules.

(B) Without Notice

Utility service may also be disconnected without notice for reasons as described in the TCEQ Rules.

Section 2.13 - Reconnection of Service

Utility personnel must be available during normal business hours to accept payments on the day service is disconnected and the following day unless service was disconnected at the customer's request or due to a hazardous condition.

Service will be reconnected within 24 hours after the past due bill, reconnect fees and any other outstanding charges are paid or the conditions which caused service to be disconnected are corrected.

Section 2.14 - Service Interruptions

The utility will make all reasonable efforts to prevent interruptions of service. If interruptions occur, the utility will re-establish service within the shortest possible time. Except for momentary interruptions due to automatic equipment operations, the utility will keep a complete record of all interruptions, both emergency and scheduled and will notify the Commission in writing of any service interruptions affecting the entire system or any major division of the system lasting more than four hours. The notice will explain the cause of the interruptions.

Section 2.15 - Quality of Service

The utility will plan, furnish, and maintain and operate production, treatment, storage, transmission, and collection facilities of sufficient size and capacity to provide continuous and adequate service for all reasonable consumer uses and to treat sewage and discharge effluent of the quality required by its discharge permit issued by the Commission. Unless otherwise authorized by the Commission, the utility will maintain facilities as described in the TCEQ Rules.

Section 2.16 - Customer Complaints and Disputes

If a customer or applicant for service lodges a complaint, the utility will promptly make a suitable investigation and advise the complainant of the results. Service will not be disconnected pending completion of the investigation. If the complainant is dissatisfied with the utility's response, the utility must advise the complainant that he has recourse through the Texas Commission on Environmental Quality complaint process. Pending resolution of a complaint, the commission may require continuation or restoration of service.

SECTION 2.0 -- SERVICE RULES AND POLICIES

The utility will maintain a record of all complaints which shows the name and address of the complainant, the date and nature of the complaint and the adjustment or disposition thereof, for a period of two years after the final settlement of the complaint.

In the event of a dispute between a customer and a utility regarding any bill for utility service, the utility will conduct an investigation and report the results to the customer. If the dispute is not resolved, the utility will inform the customer that a complaint may be filed with the Commission.

Section 2.17 - Customer Liability

Customer shall be liable for any damage or injury to utility-owned property shown to be caused by the customer.

SECTION 3.0 -- EXTENSION POLICY

Section 3.01 - Standard Extension Requirements

LINE EXTENSION AND CONSTRUCTION CHARGES: NO CONTRIBUTION IN AID OF CONSTRUCTION MAY BE REQUIRED OF ANY CUSTOMER EXCEPT AS PROVIDED FOR IN THIS APPROVED EXTENSION POLICY.

The Utility is not required to extend service to any applicant outside of its certified service area and will only do so under terms and conditions mutually agreeable to the Utility and the applicant, in compliance with TCEQ rules and policies, and upon extension of the Utility's certified service area boundaries by the TCEQ.

The applicant for service will be given an itemized statement of the costs, options such as rebates to the customer, sharing of construction costs between the utility and the customer, or sharing of costs between the customer and other applicants prior to beginning construction.

The Utility is not required to extend service to any applicant outside of its certificated service area and will only do so under terms and conditions mutually agreeable to the Utility and the applicant, in compliance with TCEQ rules and policies, and upon extension of the Utility's certificated service area boundaries by the TCEQ.

Section 3.02 - Costs Utilities and Service Applicants Shall Bear

Within its certified area, the utility will pay the cost of the first 200 feet of any water main or distribution line necessary to extend service to an individual residential customer within a platted subdivision.

However, if the residential customer requesting service purchased the property after the developer was notified in writing of the need to provide facilities to the utility, the utility may charge for the first 200 feet. The utility must also be able to document that the developer of the subdivision refused to provide facilities compatible with the utility's facilities in accordance with the utility's approved extension policy after receiving a written request from the utility.

Residential customers will be charged the equivalent of the costs of extending service to their property from the nearest collection line even if that line does not have adequate capacity to serve the customer. However, if the customer places unique, non-standard service demands upon the system, the customer may be charged the additional cost of extending service to and throughout their property, including the cost of all necessary transmission and storage facilities necessary to meet the service demands anticipated to be created by that property.

Unless an exception is granted by the TCEQ's Executive Director, the residential service applicant shall not be required to pay for costs of main extensions greater than 6" in diameter for gravity wastewater lines.

SECTION 3.0 -- EXTENSION POLICY (Continued)

Exceptions may be granted by the TCEQ Executive Director if

- adequate service cannot be provided to the applicant using the maximum line sizes listed due to distance or elevation, in which case, it shall be the utility's burden to justify that a larger diameter pipe is required for adequate service;
- or larger minimum line sizes are required under subdivision platting requirements or building codes of municipalities within whose corporate limits or extraterritorial jurisdiction the point of use is located; or the residential service applicant is located outside the CCN service area.

If an exception is granted, the Utility shall establish a proportional cost plan for the specific extension or a rebate plan which may be limited to seven years to return the portion of the applicant's costs for oversizing as new customers are added to ensure that future applicants for service on the line pay at least as much as the initial service applicant.

For purposes of determining the costs that service applicants shall pay, commercial customers with service demands greater than residential customer demands in the certified area, industrial, and wholesale customers shall be treated as developers.

If an applicant requires service other than the standard service provided by the utility, such applicant will be required to pay all expenses incurred by the utility in excess of the expenses that would be incurred in providing the standard service and connection beyond 200 feet and throughout his property including the cost of all necessary transmission facilities.

The utility will bear the full cost of any over-sizing of sewer mains necessary to serve other customers in the immediate area. The individual residential customer shall not be charged for any additional treatment facilities. Contributions in aid of construction of individual residential customers for production, storage, treatment or transmission facilities unless otherwise approved by the Commission under this specific extension policy.

Section 3.03 - Contributions in Aid of Construction

Developers may be required to provide contributions in aid of construction in amounts sufficient to furnish the development with all facilities necessary to provide for reasonable local demand requirements and to comply with Texas Commission on Environmental Quality minimum design criteria for facilities used in the production, collection, transmission, pumping, or treatment of sewage or Texas Commission on Environmental Quality minimum requirements. For purposes of this subsection, a developer is one who subdivides or requests more than two meters on a piece of property. Commercial, industrial, and wholesale customers will be treated as developers.

Any applicant who places unique or non-standard service demands on the system may be required to provide contributions in aid of construction for the actual costs of any additional facilities required

SECTION 3.0 -- EXTENSION POLICY (Continued)

to maintain compliance with the Texas Commission on Environmental Quality minimum design criteria for water production, treatment, pumping, storage and transmission.

Any service extension to a subdivision (recorded or unrecorded) may be subject to the provisions and restrictions of 30 TAC 291.86(d). When a developer wishes to extend the system to prepare to service multiple new connections, the charge shall be the cost of such extension, plus a pro-rata charge for facilities which must be committed to such extension compliant with the Texas Commission on Environmental Quality minimum design criteria. As provided by 30 T.A.C. 291.85(e)(3), for purposes of this section, commercial, industrial, and wholesale customers shall be treated as developers.

A utility may only charge a developer standby fees for unrecovered costs of facilities committed to a developer's property under the following circumstances:

- Under a contract and only in accordance with the terms of the contract; or
- if service is not being provided to a lot or lots within two years after installation of facilities necessary to provide service to the lots has been completed and if the standby fees are included on the utility's approved tariff after a rate change application has been filed. The fees cannot be billed to the developer or collected until the standby fees have been approved by the commission or executive director.
- for purposes of this section, a manufactured housing rental community can only be charged standby fees under a contract or if the utility installs the facilities necessary to provide individually metered service to each of the rental lots or spaces in the community.

Section 3.04 - Appealing Connection Costs

The imposition of additional extension costs or charges as provided by Sections 3.0 - Extension Policy of this tariff shall be subject to appeal as provided in this tariff, TCEQ rules, or the rules of such other regulatory authority as may have jurisdiction over the utility's rates and services. Any applicant required to pay for any costs not specifically set forth in the rate schedule pages of this tariff shall be given a written explanation of such costs prior to payment and/or commencement of construction. If the applicant does not believe that these costs are reasonable or necessary, the applicant shall be informed of the right to appeal such costs to the TCEQ or such other regulatory authority having jurisdiction over the utility's rates in that portion of the utility's service area in which the applicant's property(ies) is located.

Section 3.05 - Applying for Service

The Utility will provide a written service application form to the applicant for each request for service received by the Utility's business offices. A separate application shall be required for each potential service location if more than one service connection is desired by any individual applicant.

SECTION 3.0 -- EXTENSION POLICY (Continued)

Service application forms will be available at the Utility's business office during normal weekday business hours. Service applications will be sent by prepaid first class United States mail to the address provided by the applicant upon request. Completed applications should be returned by hand delivery in case there are questions which might delay fulfilling the service request. Completed service applications may be submitted by mail if hand delivery is not possible.

Where a new tap or service connection is required, the service applicant shall be required to submit a written service application and request that a tap be made. A diagram, map, plat, or written metes and bounds description of precisely where the applicant desires each tap or service connection is to be made and, if necessary, where the meter is to be installed, along the applicant's property line may also be required with the tap request. The actual point of connection and meter installation must be readily accessible to Utility personnel for inspection, servicing, and meter reading while being reasonably secure from damage by vehicles and mowers. If the Utility has more than one main adjacent to the service applicant's property, the tap or service connection will be made to the Utility's nearest service main with adequate capacity to service the applicant's full potential service demand. Beyond the initial 200 feet, the customer shall bear only the equivalent cost of extending from the nearest main. If the tap or service connection cannot be made at the applicant's desired location, it will be made at another location mutually acceptable to the applicant and the Utility. If no agreement on location can be made, the applicant may refer the matter to the TCEQ for resolution.

Section 3.06 - Qualified Service Applicant

A "qualified service applicant" is an applicant who has: (1) met all of the Utility's requirements for service contained in this tariff, TCEQ rules and/or TCEQ order, (2) has made payment or made arrangement for payment of tap fees, (3) has provided all easements and rights-of-way required to provide service to the requested location, (4) delivered an executed customer service inspection certificate to the Utility, if applicable, and (5) has executed a customer service application for each location to which service is being requested.

The Utility shall serve each qualified service applicant within its certified service area as soon as practical after receiving a completed service application. All service requests will be fulfilled within the time limits prescribed by TCEQ rules once the applicant has met all conditions precedent to achieving "qualified service applicant" status. If a service request cannot be fulfilled within the required period, the applicant shall be notified in writing of the delay, its cause and the anticipated date that service will be available. The TCEQ service dates shall not become applicable until the service applicant has met all conditions precedent to becoming a qualified service applicant as defined by TCEQ rules.

Section 3.07 - Developer Requirements

As a condition of service to a new subdivision, the Utility shall require a developer (as defined by TCEQ rule) to provide permanent recorded public utility easements as a condition of service to any location within the developer's property.

APPENDIX A -- SAMPLE SERVICE AGREEMENT

From 30 TAC Chapter 290.47(b), Appendix B

SERVICE AGREEMENT

- I. **PURPOSE.** The NAME OF SEWER SYSTEM is responsible for protecting the drinking water supply from contamination or pollution which could result from improper private water distribution system construction or configuration. The purpose of this service agreement is to notify each customer of the restrictions which are in place to provide this protection. The utility enforces these restrictions to ensure the public health and welfare. Each customer must sign this agreement before the NAME OF SEWER SYSTEM will begin service. In addition, when service to an existing connection has been suspended or terminated, the sewer system will not re-establish service unless it has a signed copy of this agreement.
- II. **RESTRICTIONS.** The following unacceptable practices are prohibited by State regulations.
 - A. No direct connection between the public drinking water supply and a potential source of contamination is permitted. Potential sources of contamination shall be isolated from the public water system by an air-gap or an appropriate backflow prevention device.
 - B. No cross-connection between the public drinking water supply and a private water system is permitted. These potential threats to the public drinking water supply shall be eliminated at the service connection by the installation of an air-gap or a reduced pressure-zone backflow prevention device.
 - C. No connection which allows water to be returned to the public drinking water supply is permitted.
 - D. No pipe or pipe fitting which contains more than 8.0% lead may be used for the installation or repair of plumbing at any connection which provides water for human use.
 - E. No solder or flux which contains more than 0.2% lead can be used for the installation or repair of plumbing at any connection which provides water for human use.

APPENDIX A -- SAMPLE SERVICE AGREEMENT (Continued)

- III. **SERVICE AGREEMENT.** The following are the terms of the service agreement between the NAME OF SEWER SYSTEM (the Sewer System) and NAME OF CUSTOMER (the Customer).
- A. The Sewer System will maintain a copy of this agreement as long as the Customer and/or the premises is connected to the Sewer System.
 - B. The Customer shall allow his property to be inspected for possible cross-connections and other potential contamination hazards. These inspections shall be conducted by the Sewer System or its designated agent prior to initiating new water service; when there is reason to believe that cross-connections or other potential contamination hazards exist; or after any major changes to the private water distribution facilities. The inspections shall be conducted during the Sewer System's normal business hours.
 - C. The Sewer System shall notify the Customer in writing of any cross-connection or other potential contamination hazard which has been identified during the initial inspection or the periodic reinspection.
 - D. The Customer shall immediately remove or adequately isolate any potential cross-connections or other potential contamination hazards on his premises.
 - E. The Customer shall, at his expense, properly install, test, and maintain any backflow prevention device required by the Sewer System. Copies of all testing and maintenance records shall be provided to the Sewer System.
- IV. **ENFORCEMENT.** If the Customer fails to comply with the terms of the Service Agreement, the Sewer System shall, at its option, either terminate service or properly install, test, and maintain an appropriate backflow prevention device at the service connection. Any expenses associated with the enforcement of this agreement shall be billed to the Customer.

CUSTOMER'S SIGNATURE: _____

DATE: _____

APPENDIX A -- SAMPLE SERVICE AGREEMENT (Continued)

Attachment 'B'

Confidential

Customer Name, Address and Deposit Information

Attachment 'C'

Confidential

Limited Liability Company Agreement Undine Texas
Environmental, LLC and Organizational Chart

Attachment 'D'

Certificate of Account Status



Office of the Secretary of State

Certificate of Fact

The undersigned, as Secretary of State of Texas, does hereby certify that the document, Certificate of Formation for Undine Texas Environmental, LLC (file number 801768069), a Domestic Limited Liability Company (LLC), was filed in this office on April 15, 2013.

It is further certified that the entity status in Texas is in existence.

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on August 03, 2017.



A handwritten signature in black ink, appearing to read "R. Pablos".

Rolando B. Pablos
Secretary of State

Attachment 'E'

Confidential

Evidence of Financial, Managerial and Technical Capabilities

Attachment 'F'

Confidential

Letter of Intent

Attachment 'G'

Confidential

Financial Information

Attachment 'H'

Utilities within 2-Miles

Gulf Coast Utility Co., Inc. (20688)
Southwood Estates - PWSID 0200403, WQ12780-001

Utility Name- 2 mile Notice	CCN#	Street	City	State	Zip
City of Iowa Colony		12003 CR 65	Rosharon	TX	77583
City of Manvel		20025 Hwy 6	Manvel	TX	77578
City of Alvin		216 West Sealy	Alvin	TX	77511
City of Pearland - and sewer 20403	11008	3519 Liberty Dr	Pearland	TX	77581
Aqua Texas Inc - and sewer 21065	13203	1106 Clayton Ln Ste 400W	Austin	TX	78723
Orbit Systems Inc	11982	1302 Airline N	Rosharon	TX	77583
Brazoria County Drainage District 4		Deleted/dissolved per TCEQ			
Brazoria County MUD 21		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazoria County MUD 22 - and sewer 21083	13231	3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazoria County MUD 25		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazoria County MUD 29		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazoria County MUD 30		1300 Post Oak Blvd Ste 1400	Houston	TX	77056
Brazoria County MUD 31		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazoria County MUD 39		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazoria County MUD 40		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazoria County MUD 42		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazoria County MUD 43		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazos Bend Water Authority		Inactive per TCEQ			
Clear Creek Watershed Regional FCD		Unknown per TCEQ	New Waverly	TX	77358
Fort Bend County Drainage District		PO Box 1028	Rosenberg	TX	77471
Fort Bend County FWSD 1		1980 Post Oak Blvd Ste 1380	Houston	TX	77056
Fort Bend County MUD 141		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Sedona Lakes MUD 1 of Brazoria County		1980 Post Oak Blvd Ste 1380	Houston	TX	77056
West Brazoria County Drainage District		PO Box 288	West Columbia	TX	77486
Brazoria County GCD		111 E Locust St Bldg A-29 Ste 140	Angleton	TX	77515
Brazoria County		111 E Locust St	Angleton	TX	77515
Spring Crossing					
City of Iowa Colony		12003 CR 65	Rosharon	TX	77583
City of Manvel		20025 Hwy 6	Manvel	TX	77578
City of Alvin		216 West Sealy	Alvin	TX	77511
Orbit Systems Inc	11982	1302 Airline N	Rosharon	TX	77583
Brazoria County Drainage District 5		PO Box 1	Rosharon	TX	77583
Brazoria County MUD 31		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazoria County MUD 32		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazoria County MUD 55		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazoria County MUD 56		3200 Southwest Fwy Ste 2600	Houston	TX	77027
Brazos Bend Water Authority		Inactive per TCEQ			
Fort Bend County Drainage District		PO Box 1028	Rosenberg	TX	77471
Port Freeport		200 W 2nd St	Freeport	TX	77541
West Brazoria County Drainage District		PO Box 288	West Columbia	TX	77486
Brazoria County GCD		111 E Locust St Bldg A-29 Ste 140	Angleton	TX	77515
Brazoria County		111 E Locust St	Angleton	TX	77515

Attachment 'I'

Individual Page 16 & 17 for Each System, Inspection Reports

Part F – TCEQ Public Water or Sewer System Information

I-A Southwood Estates

Please answer questions 17 through 22 on a different sheet for each physically Distinct system being transferred or acquired.

17. A. For Water Systems. TCEQ Public Water System Identification Number:

Date of last inspection:

B. For Wastewater Systems:

-TCEQ Discharge Permit Number: W Q -

-Name of Permittee:

-Date of application to transfer Discharge Permit submitted:

-Date of application to transfer Discharge Permit approved by TCEQ:

18. A. Are any improvements required to meet TCEQ or PUC standards? Yes No. If yes, please explain:

B. Is there a moratorium on new connections? Yes No. If yes, please explain:

C. Provide details of each required major capital improvement to correct the deficiencies and meet the TCEQ or PUC standards (attach additional sheets if necessary):

Description of the Required Improvement	Schedule to Complete	Estimated Cost

19. Does the system being transferred operate within the city limits of a municipality or within district boundaries? Yes No

If yes, indicate the number of customers within the city limits or district boundaries:
 Water Sewer

Attach copy of franchise agreement or consent letter from the city or district.

20. Do you currently purchase water or sewer treatment capacity from another source? Yes No
 Water Sewer Purchased on a Regular Seasonal Emergency Basis

• Source: % of total supply:

21. List the number of existing connections to be effected by this transaction.

Water		Sewer	
-Non Metered		-2" meter	-Residential Connection 529
-5/8" or 3/4" meter		-3" meter	-Commercial Connection 1
-1" meter		-4" meter	-Industrial Connection
-1 1/2" meter		-Other	-Other
Total Water Connections:		Total Sewer Connections 530	

22. Has the system reached 85% of its capacity based on TCEQ's minimum requirements? Yes No
 If yes, please explain what steps are being taken to address the capacity issues:

23. List the name, class, and license number of the operator(s) that will be responsible for the system:

Name	Class	License#
See Attachment 'J'		

24. Attach the following maps with each copy of the application:
- a. One small scale map clearly showing affected service area with enough detail to accurately locate the area if the application is for the transfer of all or a portion of a CCN.
 - b. One large scale map showing the proposed service area boundaries being sold, transferred, or merged and, if available, the existing and proposed facilities. Color coding should be used to differentiate existing from proposed facilities. Facilities and service area boundaries should be shown with such exactness that they can be located on the ground. If transferring area not currently in a CCN or a portion of an existing CCN area please attach the following hard copy maps with each copy of the application:
 1. A general location map delineating the proposed service area with enough detail to accurately locate the proposed area within the county.
 2. A map showing only the proposed area by:
 - i. metes and bounds survey certified by a licensed state or registered professional land surveyor; or
 - ii. projectable digital data with metadata (proposed areas should be in a single record and clearly labeled, data disk should be included); or
 - iii. following verifiable natural and man-made landmarks, or
 - iv. a copy of recorded plat map with metes and bounds.
 3. A written description of the proposed service area.

Attachment 'I'

Individual Page 16 & 17 for Each System, Inspection Reports

Part F – TCEQ Public Water or Sewer System Information

I-A Southwood Estates

Please answer questions 17 through 22 on a different sheet for each physically Distinct system being transferred or acquired.

17. A. For Water Systems. TCEQ Public Water System Identification Number:

Date of last inspection:

B. For Wastewater Systems:

Please See Attachment 'L'

-TCEQ Discharge Permit Number: W Q -

-Name of Permittee:

-Date of application to transfer Discharge Permit submitted:

-Date of application to transfer Discharge Permit approved by TCEQ:

18. A. Are any improvements required to meet TCEQ or PUC standards? Yes No. If yes, please explain:

B. Is there a moratorium on new connections? Yes No. If yes, please explain:

C. Provide details of each required major capital improvement to correct the deficiencies and meet the TCEQ or PUC standards (attach additional sheets if necessary):

Description of the Required Improvement	Schedule to Complete	Estimated Cost

19. Does the system being transferred operate within the city limits of a municipality or within district boundaries? Yes No

If yes, indicate the number of customers within the city limits or district boundaries:

Water Sewer

Attach copy of franchise agreement or consent letter from the city or district.

20. Do you currently purchase water or sewer treatment capacity from another source? Yes No
 Water Sewer Purchased on a Regular Seasonal Emergency Basis

• Source: % of total supply:

21. List the number of existing connections to be effected by this transaction.

Water			Sewer	
-Non Metered		-2" meter	-Residential Connection	529
-5/8" or 3/4" meter		-3" meter	-Commercial Connection	1
-1" meter		-4" meter	-Industrial Connection	
-1 1/2" meter		-Other	-Other	
Total Water Connections:			Total Sewer Connections	530

22. Has the system reached 85% of its capacity based on TCEQ's minimum requirements? Yes No
 If yes, please explain what steps are being taken to address the capacity issues:

23. List the name, class, and license number of the operator(s) that will be responsible for the system:

Name	Class	License#
See Attachment 'J'		

24. Attach the following maps with each copy of the application: Please See Attachment 'K'
- a. One small scale map clearly showing affected service area with enough detail to accurately locate the area if the application is for the transfer of all or a portion of a CCN.
 - b. One large scale map showing the proposed service area boundaries being sold, transferred, or merged and, if available, the existing and proposed facilities. Color coding should be used to differentiate existing from proposed facilities. Facilities and service area boundaries should be shown with such exactness that they can be located on the ground. If transferring area not currently in a CCN or a portion of an existing CCN area please attach the following hard copy maps with each copy of the application:
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 2. A map showing only the proposed area by:
 - i. metes and bounds survey certified by a licensed state or registered professional land surveyor; or
 - ii. projectable digital data with metadata (proposed areas should be in a single record and clearly labeled, data disk should be included); or
 - iii. following verifiable natural and man-made landmarks, or
 - iv. a copy of recorded plat map with metes and bounds.
 3. A written description of the proposed service area.

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Zak Covar, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 3, 2014

**CERTIFIED MAIL 7012 1640 0001 7339 1021
RETURN RECEIPT REQUESTED**

Mr. Paul Rhodes, President
Gulf Coast Utility Company, Inc.
P.O. Box 2067
Alvin, Texas 77512

Re: Notice of Violation for the Compliance Evaluation Investigation at:
Southwood Estates Wastewater Treatment Plant
5930 Louisiana St., Rosharon (Brazoria County), TX
TPDES Permit No.: 12780-001, EPA ID No.: TX0093823

Dear Mr. Rhodes:

On July 1, 2014, Mr. Bruce Miebs, 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 water quality requirements. Enclosed is a summary which lists the investigation findings. During the investigation, some concerns were noted as alleged noncompliances. Through subsequent corrective actions, the noncompliances have been resolved. No further response is necessary concerning this investigation.

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. Self-reported violations may be subject to enforcement, including penalties, upon review by the Enforcement Division.

If you or members of your staff have any questions, please feel free to contact Mr. Miebs in the Houston Region Office at (713) 767-3569.

Sincerely,

A handwritten signature in black ink, appearing to read 'BSS' followed by a flourish.

Barbara Sullivan
Team Leader
Water Quality Management
Region 12 Houston

BSS/BPM/ci

Enclosures: Summary of Investigation Findings

Summary of Investigation Findings

SOUTHWOOD ESTATES WWTP

Investigation #

1179181
Investigation Date: 07/01/2014

, BRAZORIA COUNTY,

Additional ID(s): WQ0012780001
TX0093823

ALLEGED VIOLATION(S) NOTED AND RESOLVED

Track No: 544272

30 TAC Chapter 317.4(a)(8)

30 TAC Chapter 317.7(i)

Alleged Violation:

Investigation: 1179181

Comment Date: 08/06/2014

Failed to equip washdown hoses with atmospheric vacuum breakers. Specifically, vacuum breakers were not installed on the hose bibs of waterlines using potable water throughout the wastewater treatment plant.

Recommended Corrective Action: Atmospheric vacuum breakers are required at all potable water washdown hoses. Submit documentation indicating that atmospheric vacuum breakers have been installed on the potable water washdown hoses.

Resolution: On July 24, 2014, the facility representative submitted documentation, including pictures, verifying that the vacuum breakers have been installed.

Track No: 544281

2D TWC Chapter 26.121(a)

30 TAC Chapter 305.125(4)

PERMIT WQ0012780001, Permit Conditions # 2g

There shall be no unauthorized discharge of wastewater...

Alleged Violation:

Investigation: 1179181

Comment Date: 08/06/2014

Failed to prevent the unauthorized discharge of wastewater. Specifically, during the investigation of the off-site lift station, a small leak was detected at the discharge of the pump.

Recommended Corrective Action: There shall be no unauthorized discharge of wastewater. Submit the steps taken to prevent the recurrence of unauthorized discharges from the lift station.

Resolution: On July 24, 2014, the facility representative submitted documentation, including pictures, verifying that the leak at the off-site lift station has been repaired.

Part F – TCEQ Public Water or Sewer System Information

I-B Spring Crossing

☞ Please answer questions 17 through 22 on a different sheet for each physically Distinct system being transferred or acquired.

17. A. For Water Systems. TCEQ Public Water System Identification Number:

Date of last inspection:

B. For Wastewater Systems:

Please See Attachment 'L'

-TCEQ Discharge Permit Number: W Q 12780 - 001

-Name of Permittee: Gulf Coast Utility Co., LLC

-Date of application to transfer Discharge Permit submitted:

-Date of application to transfer Discharge Permit approved by TCEQ:

18. A. Are any improvements required to meet TCEQ or PUC standards? Yes No. If yes, please explain:

B. Is there a moratorium on new connections? Yes No. If yes, please explain:

C. Provide details of each required major capital improvement to correct the deficiencies and meet the TCEQ or PUC standards (attach additional sheets if necessary):

Description of the Required Improvement	Schedule to Complete	Estimated Cost

19. Does the system being transferred operate within the city limits of a municipality or within district boundaries? Yes No

If yes, indicate the number of customers within the city limits or district boundaries:

Water Sewer

☞ Attach copy of franchise agreement or consent letter from the city or district.

20. Do you currently purchase water or sewer treatment capacity from another source? Yes No
 Water Sewer Purchased on a Regular Seasonal Emergency Basis

• Source: _____ % of total supply: 0.00%

21. List the number of existing connections to be effected by this transaction.

Water		Sewer	
-Non Metered		-2"meter	
-5/8" or 3/4" meter		-3" meter	
-1" meter		-4" meter	
-1 1/2" meter		-Other	
Total Water Connections:		Total Sewer Connections	
		0	

22. Has the system reached 85% of its capacity based on TCEQ's minimum requirements? Yes No
 If yes, please explain what steps are being taken to address the capacity issues:

23. List the name, class, and license number of the operator(s) that will be responsible for the system:

Name	Class	License#
See Attachment 'J'		

24. Attach the following maps with each copy of the application: Please See Attachment 'K'
- a. One small scale map clearly showing affected service area with enough detail to accurately locate the area if the application is for the transfer of all or a portion of a CCN.
 - b. One large scale map showing the proposed service area boundaries being sold, transferred, or merged and, if available, the existing and proposed facilities. Color coding should be used to differentiate existing from proposed facilities. Facilities and service area boundaries should be shown with such exactness that they can be located on the ground. If transferring area not currently in a CCN or a portion of an existing CCN area please attach the following hard copy maps with each copy of the application:
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 - i. metes and bounds survey certified by a licensed state or registered professional land surveyor; or
 - ii. projectable digital data with metadata (proposed areas should be in a single record and clearly labeled, data disk should be included); or
 - iii. following verifiable natural and man-made landmarks, or
 - iv. a copy of recorded plat map with metes and bounds.
 3. A written description of the proposed service area.

Attachment 'J'
Operators Information

Operations Information

Undine Texas Environmental, LLC, formerly EMCAD Water and Wastewater , LLC, (“Undine”) will utilize a third-party Contractor to operate the Utility Systems. Utility Group of Texas, LLC (Utility Group) will provide one full time Contract Manager, John Wittenzellner to Undine with the responsibility of working directly with Mr. Andy Thomas, Sr. Vice President of Undine. To ensure the highest level of support, Utility Group will assign a dual licensed Project Manager with more than 29 years of experience to assist with the Utilities.

The Contract Manager of Utility Group, shall oversee and provide the general management services for Undine’s Utility. These services shall include, but are not limited to, all supervision, labor, transportation, tools, equipment, and operational consultants to operate and maintain said Utility. In addition, it includes all operations and maintenance of the Utility, except some items that are deemed capital in nature, or extraordinary. In this instance, Undine would seek bids from third party Construction Contractors for large Capital Projects.

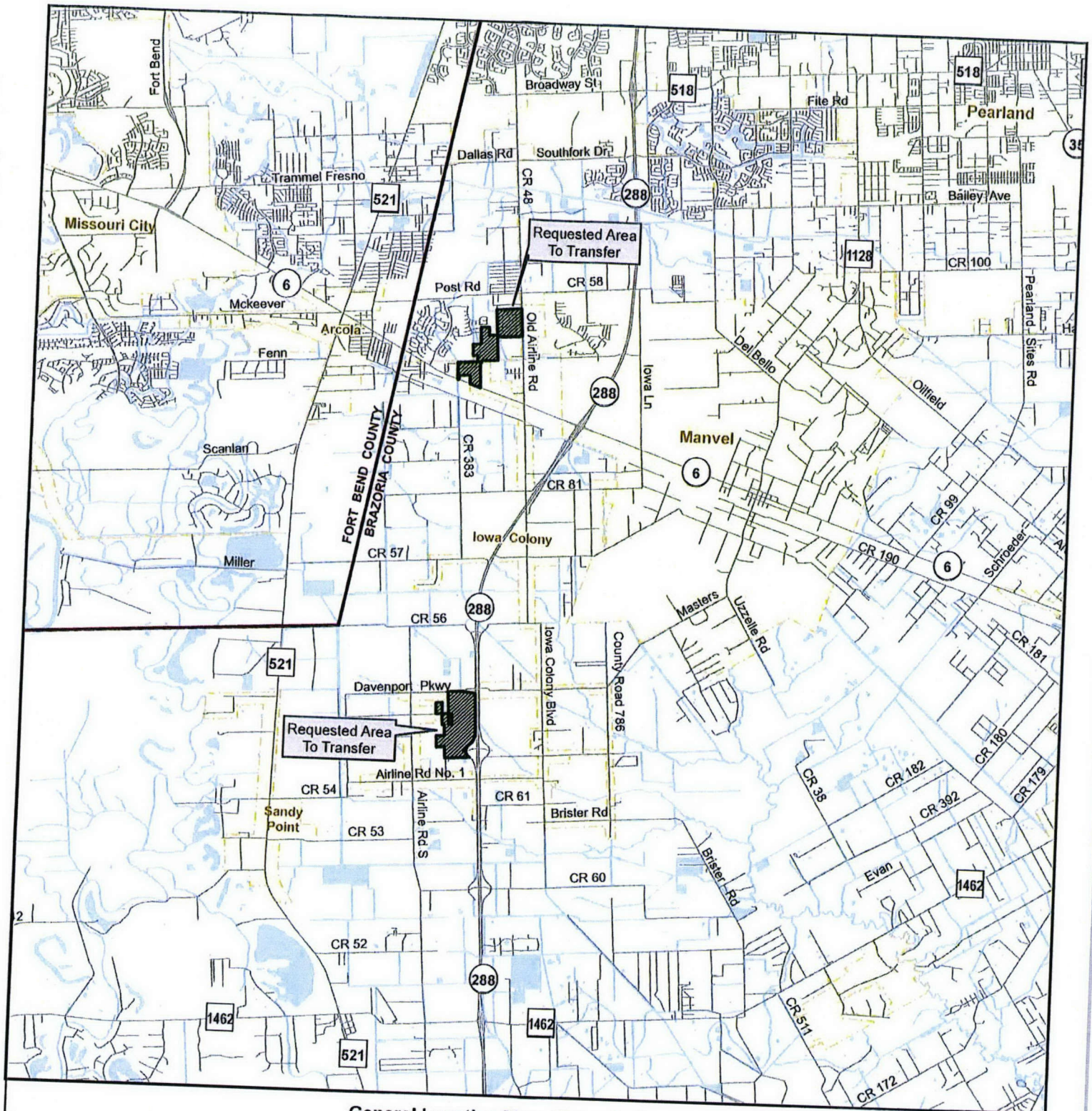
In addition, Utility Group will also provide Billing and Customer Services, collection services, perform meter reading, manage deposits and expenses for the Undine Customers, administer customer’s accounts, notices and related procedures, as well as complete shut-offs, turn-ons, and new customer inspections.

Individual operators:

			Issued	Expires
Sara Carlock:	Water Operator A	WO0037585	11/18/15	11/18/18
	WWT Operator A	WW0056818	01/24/17	01/24/20
Juan Gonzalez:	Water Operator C	WG0008247	08/19/15	09/23/18
	WWT Operator C	WW0014722	04/06/15	04/12/18
Tony Kern:	Water Operator C	WG0015622	08/03/15	08/03/18
Carlos Leyva:	Water Operator C	WG0016195	10/28/16	10/28/19

Attachment 'K'


CCN Maps to be Transferred with this Application and CCN
Descriptions



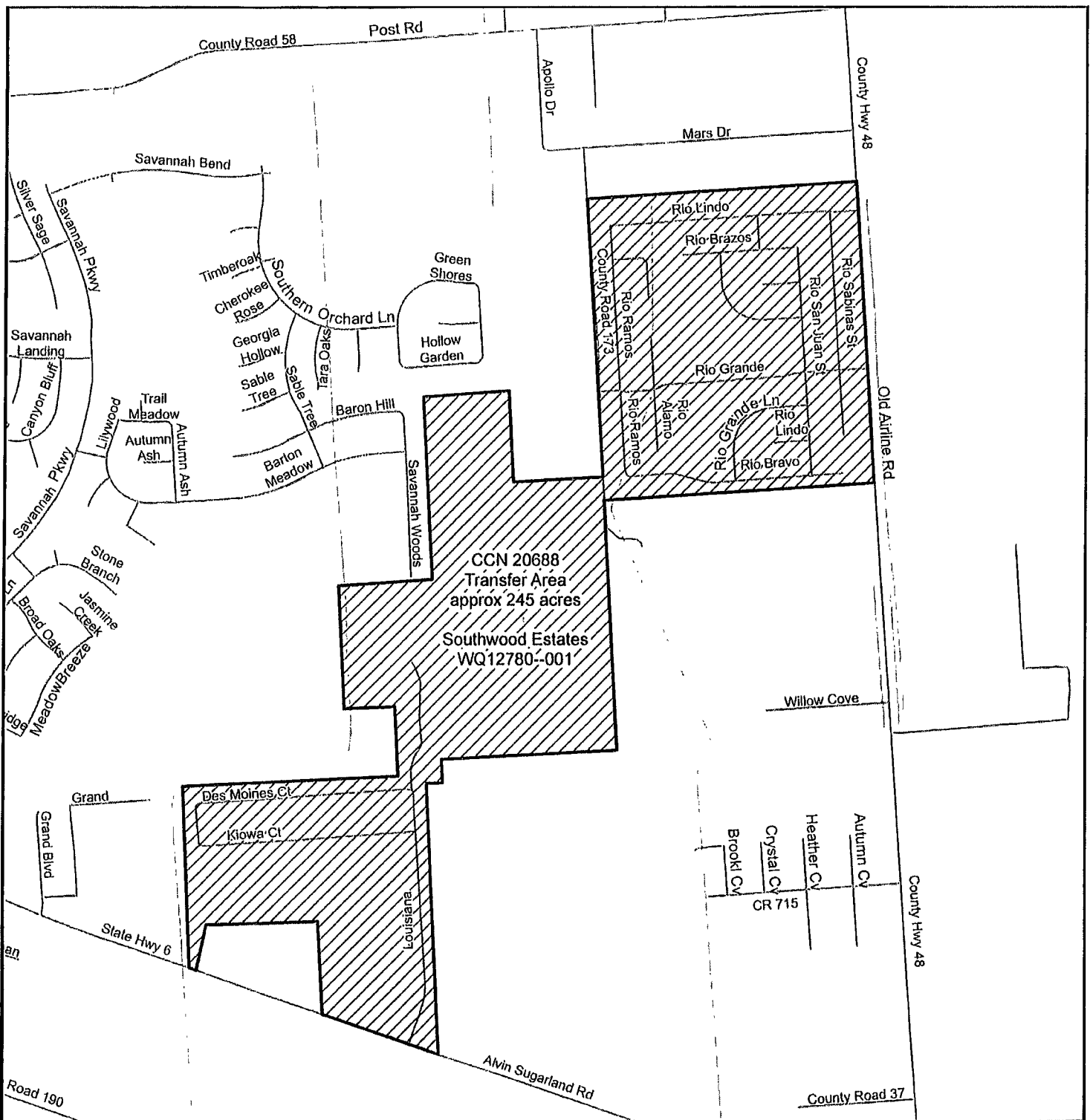
General Location Map - Brazoria County

Undine Texas Environmental, LLC
 Application to Transfer Gulf Coast Utility Co., Inc., CCN No. 20688
 in Brazoria County

Requested Sewer CCN Service Area to Transfer

 Gulf Coast Utility Co., Inc., CCN 20688




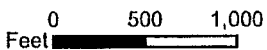


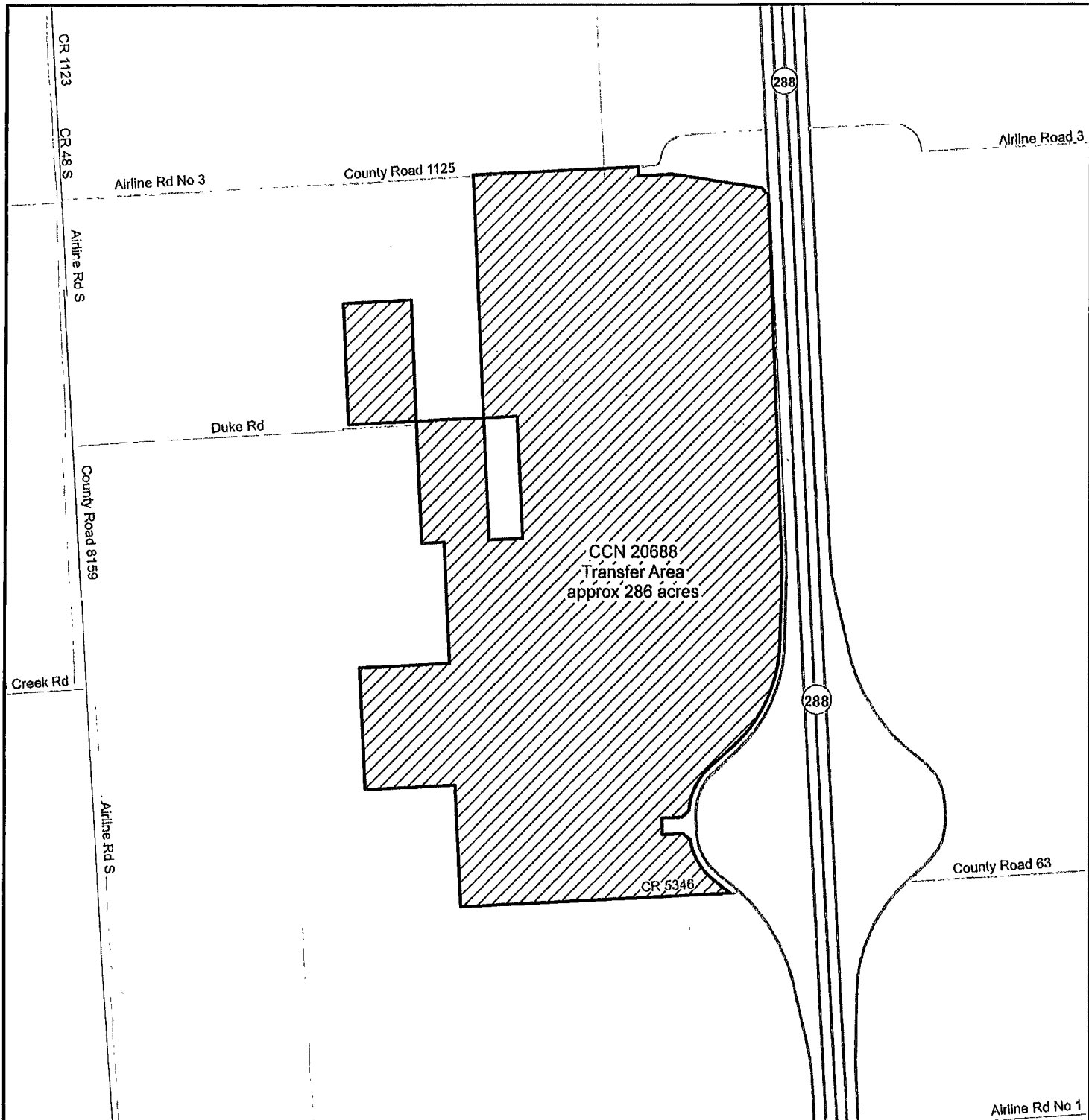
Large Scale Map - Brazoria County

Undine Texas Environmental, LLC
 Application to Transfer Gulf Coast Utility Co., Inc., CCN No. 20688
 in Brazoria County

Requested Sewer CCN Service Area to Transfer

 Gulf Coast Utility Co., Inc., CCN 20688




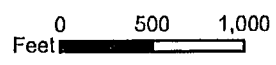


Large Scale Map - Brazoria County

Undine Texas Environmental, LLC
 Application to Transfer Gulf Coast Utility Co., Inc., CCN No. 20688
 in Brazoria County

Requested Sewer CCN Service Area to Transfer

 Gulf Coast Utility Co., Inc., CCN 20688



Southwood Estates – PWSID 0200403 and WQ12780-001 (sewer)

The area subject to this transaction is located within approximately 4.5 miles west/northwest of downtown Manvel, Texas, and is generally bounded on the north by 370' south of Mars Dr; on the east by Old Airline Rd; on the south by State Hwy 6; and on the west by 1700' west of Louisiana Rd in Brazoria County.

The total area being requested includes approximately 245 acres and serves 530 current customers.

Spring Crossing/288 Business Park– No PWSID (sewer)

The area subject to this transaction is located within approximately 5.5 miles southwest of downtown Manvel, Texas, and is generally bounded on the north by Airline Rd No. 3; on the east by State Hwy 288; on the south by County Road 5346; and on the west by 2000' east of Airline Rd S in Brazoria County.

The total area being requested includes approximately 286 acres and serves 0 current customers.

Undine Texas Environmental, LLC – Gulf Coast Utility Co., Inc. (CCN 20688)

Requested Area Overlaps

Southwood Estates – approx. 245 acres (sewer)

County	Brazoria
City	Pearland Iowa Colony Manvel Alvin
ETJ	Pearland Iowa Colony
CCN	City of Pearland (CCN 11008, 20403)
Districts	Brazoria County Drainage District 4 (Deleted/ Dissolved per TCEQ) Brazos Bend Water Authority (Inactive per TCEQ) West Brazoria County Drainage District
GCD	Brazoria County Groundwater Conservation District

Spring Crossing – approx. 286 acres (sewer)

County	Brazoria
City	Iowa Colony
ETJ	Iowa Colony
CCN	None
Districts	Brazoria County Drainage District 5 (Deleted/Dissolved per TCEQ) Port Freeport West Brazoria County Drainage District
GCD	Brazoria County Groundwater Conservation District

Attachment 'L'

Wastewater Discharge Permits and Transfer Applications



TCEQ Core DataForm

TCEQ Use Only

For detailed instructions regarding completion of this form, please read the Core DataForm Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core DataForm should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input checked="" type="checkbox"/> Other Permit Transfer	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in	3. Regulated Entity Reference Number (if issued)
CN 604519330		RN 102076239

SECTION II: Customer Information

Central

4. General Customer Information	5. Effective Date for Customer Information Updates (mm/dd/yyyy)	Upon PUC issuance	
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)			
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).			
6. Customer Legal Name (If an individual, print last name first: e.g.: Doe, John)		If new Customer, enter previous Customer below.	
Undine Texas Environmental, LLC (fka: EMCAD Water and Wastewater, LLC)		Gulf Coast Utility Co., LLC	
7. TXSOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
801768069	N/A	46-3168815	N/A
11. Type of Customer: <input type="checkbox"/> Corporation		<input type="checkbox"/> Individual Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship <input checked="" type="checkbox"/> Other: LLC	
12. Number of Employees		13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-10 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) - as it relates to the Regulated Entity listed on this form. Please check one of the following:			
<input type="checkbox"/> Owner Occupational <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> Voluntary Cleanup Applicant <input type="checkbox"/> Other			
15. Mailing Address:	10913 Metronome Dr		
	City	Houston	State TX ZIP 77043 ZIP + 4 2201
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
		cthomas@undinellc.com	
18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)	
(713) 574- 5953		(713) 647- 0277	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected below this form should be accompanied by a permit application)	
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information	
The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
Southwood Estates Wastewater Treatment Plant	

23. Street Address of the Regulated Entity: (No PO Boxes)						
	City		State		ZIP	ZIP + 4
24. County						

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	1900 feet north of State Highway 6 and 2 miles west of the intersection of State Highway 6 and State Highway 288 in Brazoria County, Texas 77583					
26. Nearest City	Iowa Colony			State	TX	
				Nearest ZIP Code	77583	

27. Latitude (N) In Decimal:			28. Longitude (W) In Decimal:		
Degrees	Minutes	Second	Degrees	Minutes	Seconds
29	29	51	95	25	38

29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)	31. Primary NAICS Code (5 or 6 digits)	32. Secondary NAICS Code (5 or 6 digits)
4952			

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

34. Mailing Address:	10913 Metronome Drive					
	City	Houston	State	TX	ZIP	77043
				ZIP + 4	2201	

35. E-Mail Address:	cthomas@undinellc.com
---------------------	-----------------------

36. Telephone Number	37. Extension or Code	38. Fax Number (if applicable)
(713) 574- 5953		(713) 647- 027

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

<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Waste Water	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other

SECTION IV: Preparer Information

40. Name	Jeff Goebel		41. Title:	Mgr. Business Development
42. Telephone	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(713) 574- 5953		(713) 647- 0277	jgoebel@undinellc.com	

SECTION V: Authorized Signature

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

Company:	Undine Texas Environmental, LLC (fka: EMCAD Water and Wastewater, LLC)	Job Title:	Sr. Vice President
Name (in Print)	Carey A. Thomas	Phone:	713-574-5953
Signature:	<i>Carey A. Thomas</i>	Date:	9/19/2011



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
**APPLICATION TO TRANSFER A WASTEWATER PERMIT
OR CAFO PERMIT**

If you have questions about completing this form please contact the Applications Review and Processing Team at 512-239-4671.

SECTION 1. CURRENT PERMIT INFORMATION

What is the Permit Number? WQ0012780001

What is the EPA I.D. Number? TX 0093823

What is the Current Name on the Permit?

Gulf Coast Utility Co., LLC

What is the Customer Number (CN) for the current permittee? CN 602565483

What is the Regulated Entity Reference Number (RN): RN 102076239

For Publicly Owned Treatment Works (POTWs) Only:

- a) Does this permit require implementation of an approved pretreatment program by the POTW? Yes No
- b) Does this permit have a domestic reclaimed water authorization associated with it?
NOTE: **The domestic reclaimed water authorization associated with this permit will be cancelled on the same date the transfer took place.** See instructions for more information.
Yes No

SECTION 2. FACILITY OWNER (APPLICANT) INFORMATION

A. What is the Legal Name of the facility owner?

Undine Texas Environmental, LLC fka EMCAD Water and Wastewater, LLC ("EMCAD")

B. What is the Customer Number (CN) issued to this entity? CN 604519330

C. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

SECTION 3. CO-APPLICANT INFORMATION

Complete this section only if another person or entity is required to apply as a co-permittee.

A. What is the Legal Name of the co-applicant applying for this permit? N/A

- B. What is the Customer Number (CN) issued to this entity? CN N/A
- C. Complete and attach a Core Data Form (TCEQ-10400) for this customer.

SECTION 4. APPLICATION CONTACT INFORMATION

This is the person TCEQ will contact if additional information is needed about this application.

Application Contact First and Last Name: Jeff Goebel
Title: Mgr. Business Development Credentials:
Company Name: Undine Texas Environmental, LLC
Mailing Address: 10913 Metronome Dr
City, State, and Zip Code: Houston, Texas 77043
Phone Number: 713-574-5953 Fax Number: 713-647-0277
E-mail Address: jgoebel@undinellc.com

SECTION 5. PERMIT CONTACT INFORMATION

This is the person TCEQ will contact if additional information is needed during the term of the permit.

Permit Contact First and Last Name: Carcy A. Thomas
Title: Sr. Vice President Credentials:
Company Name: Undine Texas Environmental, LLC
Mailing Address: 10913 Metronome Dr.
City, State, and Zip Code: Houston, Texas 77043
Phone Number: 713-574-5953 Fax Number: 713-647-0277
E-mail Address: cthomas@undinellc.com

SECTION 6. SITE INFORMATION

Site Name: Southwood Estates Wastewater Treatment Plant

SECTION 7. LEASE AND EASEMENT REQUIREMENTS

- A. Landowner where the facility is or will be located:
Landowner Name: Undine Texas Environmental, LLC

If this individual is not the same person as the facility owner or co-applicant, attach one of the following documents:

- A lease agreement or deed recorded easement, if the facility is NOT a fixture of the land, or
- A deed recorded easement if the facility IS a fixture of the land.

B. Landowner of the effluent disposal site:

Landowner Name: N/A

If this individual is not the same person as the facility owner or co-applicant, attach a lease agreement.

C. For CAFOs: Attach the following records: N/A

- Warranty Deed or Property Tax Records
- Lease Agreement (for land management units that are not owned by the facility owner or co-applicant)

Facility Size on the proof of ownership, in acres: N/A

SECTION 8. TRANSFER DATE

What is the date that the transfer of operator or ownership will occur? Upon P.U.C. Transfer

SECTION 9. REPORTING AND BILLING INFORMATION

A. Please identify the individual for receiving the reporting forms.

First and Last Name: Carey A. Thomas

Title: Sr. Vice President Credentials:

Company Name: Undine Texas Environmental, LLC formerly EMCAD

Mailing Address: 10913 Metronome Dr

City, State, and Zip Code: Houston, TX 77043

Phone Number: 713-574-5953 Fax Number: 713-647-0277

E-mail Address: cthomas@undinellc.com

B. Please identify the individual for receiving the annual fee invoices.

First and Last Name: Carey A. Thomas

Title: Sr. Vice President Credentials:

Company Name: Undine Texas Environmental, LLC formerly EMCAD

TRANSFEROR SIGNATURE (Current Facility Owner)

I consent to the transfer of the permit and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. I further certify that I am authorized under 30 Texas Administrative Code Section 305.44 to sign this document and can provide documentation in proof of such authorization upon request.

Facility Owner Name: Paul Rhodes

Title: President

Signature: _____ Date: _____

SUBSCRIBED AND SWORN to before me by the said Paul Rhodes on

this 19th day of September, 2017

My commission expires on the 28th day of January, 2021

(Seal)

Maria Katerina
Notary Public

Harris
County, Texas

TRANSFeree SIGNATURE (New Facility Owner)

I certify that a change of ownership of the facility for the subject permit has been issued will occur as indicated in the application. As a condition of the transfer, I do hereby declare that:

The transferee will be the owner of the existing treatment facility from which wastewater is discharged, deposited or disposed or the facilities required to comply with the permit will be constructed as described in the application considered by the TCEQ prior to the issuance of the permit.

The transferee possesses a copy of the permit, understands the terms and conditions therein, and does accept and assume all obligations of the permit.

The transferee assumes financial responsibility for the proper maintenance and operation of all waste treatment and disposal facilities required by the permit or which may be required to comply with the permit terms and conditions. The transferee certifies that the transfer is not made for the purpose of avoiding liability for improper actions carried out prior to the date of transfer. Neither is the transfer made for the purpose of transferring responsibility for improper operations to an insolvent entity.

The transferee certifies under penalty of law that this document is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations and revocation of this permit.

New Facility Owner: Carey A. Thomas

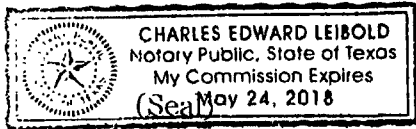
Title: Sr. Vice President

Signature: *Carey A. Thomas* Date: 4/19/2017

SUBSCRIBED AND SWORN to before me by the said Carey A. Thomas on

this 19 day of April, 2017

My commission expires on the 27 day of May, 2018



Charles E. Leibold
Notary Public

Harris
County, Texas

TRANSFeree SIGNATURE (New Facility Co-Applicant)

Complete if a co-applicant is required.

I certify that a change of ownership of the facility for the subject permit has been issued will occur as indicated in the application. As a condition of the transfer, I do hereby declare that:

The transferee will be the operator of the existing treatment facility from which wastewater is discharged, deposited or disposed or the facilities required to comply with the permit will be constructed as described in the application considered by the TCEQ prior to the issuance of the permit.

The transferee possesses a copy of the permit, understands the terms and conditions therein, and does accept and assume all obligations of the permit.

The transferee assumes financial responsibility for the proper maintenance and operation of all waste treatment and disposal facilities required by the permit or which may be required to comply with the permit terms and conditions. The transferee certifies that the transfer is not made for the purpose of avoiding liability for improper actions carried out prior to the date of transfer. Neither is the transfer made for the purpose of transferring responsibility for improper operations to an insolvent entity.

The transferee certifies under penalty of law that this document is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations and revocation of this permit.

New Facility Co-Applicant: N/A

Title:

Signature: _____ Date: _____

SUBSCRIBED AND SWORN to before me by the said _____ on

this _____ day of _____, 20__

My commission expires on the _____ day of _____, 20__

(Seal)

Notary Public

County, Texas



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

TPDES PERMIT NO. WQ0012780001
[For TCEQ office use only - EPA I.D.
No. TX0093823]

This is a renewal that replaces TPDES
Permit No. WQ0012780001 issued
September 16, 2008.

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

Gulf Coast Utility Co., LLC

whose mailing address is

P. O. Box 2067
Alvin, Texas 77512

is authorized to treat and discharge wastes from the Southwood Estates Wastewater Treatment Facility,
SIC Code 4952

located approximately 1900 feet north of State Highway 6 and 2 miles west of the intersection of State
Highway 6 and State Highway 288 in Brazoria County, Texas 77583

to Brazoria County Drainage District (BCDD) ditch E101-00-00; thence to West Fork Chocolate Bayou;
thence to Chocolate Bayou Above Tidal in Segment No. 1108 of the San Jacinto-Brazos Coastal Basin

only according with 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, **September 1, 2018**.

ISSUED DATE: October 28, 2013


For the Commission

INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall Number 001

1. During the period beginning upon the date of issuance and lasting through the completion of expansion to the 0.40 million gallons per day (MGD) facilities, the permittee is authorized to discharge subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 0.145 MGD; nor shall the average discharge during any two-hour period (2-hour peak) exceed 347 gallons per minute (gpm).

<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 (12)	15	25	35	One/week	Grab
Total Suspended Solids	15 (18)	25	40	60	One/week	Grab
Ammonia Nitrogen	3 (3.6)	6	10	15	One/week	Grab
<i>E. coli</i> , CFU or MPN/100 ml	126	N/A	N/A	399	Daily	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 REQUIREMENTS

Outfall Number 001

1. During the period beginning upon the completion of expansion to the 0.40 million gallons per day (MGD) facilities 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 0.40 MGD; nor shall the average discharge during any two-hour period (2-hour peak) exceed 957 gallons per minute (gpm).

<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. Measurement Frequency	Single Grab Sample Type
Flow, MGD	Report	N/A	Report	N/A	Continuous	Totalizing Meter
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (33)	15	25	35	One/week	Grab
Total Suspended Solids	15 (50)	25	40	60	One/week	Grab
Ammonia Nitrogen	3 (10)	6	10	15	One/week	Grab
<i>E. coli</i> , CFU or MPN/100 ml	126	N/A	N/A	399	Daily	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 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. 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, a monthly effluent report shall be submitted each month, to 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 reported on an approved self-report form that is 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 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 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. 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 Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. 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 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 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 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 Publicly Owned Treatment Works (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;
 - 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 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 149) 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 Environmental Cleanup 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 Registration, Review, and Reporting 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.

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SLUDGE PROVISIONS

The permittee is authorized to dispose of sludge only at a Texas Commission on Environmental Quality (TCEQ) authorized land application site or co-disposal landfill. **The disposal of sludge 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 sludge. This provision does not authorize land application of Class A Sludge. This provision does not authorize the permittee to land apply sludge on property owned, leased or under the direct control of the permittee.**

SECTION I. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE LAND APPLICATION

A. General Requirements

1. The permittee shall handle and dispose of sewage sludge 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.
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 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 disposal practice.

B. Testing Requirements

1. Sewage sludge 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 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 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 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 Remediation 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, Registration, Review, and Reporting 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 Water Quality Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30 of each year.

2. Sewage sludge 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.

TABLE 1

<u>Pollutant</u>	<u>Ceiling Concentration</u> (Milligrams per kilogram)*
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 shall be treated by one of the following methods to ensure that the sludge meets either the Class A or Class B pathogen requirements.

- a. Six alternatives are available to demonstrate compliance with Class A sewage sludge. The first 4 options require either the density of fecal coliform in the sewage sludge be less than 1000 Most Probable Number (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. Below are the additional requirements necessary to meet the definition of a Class A sludge.

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 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%.

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.

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.

Alternative 5 (PFRP) - Sewage sludge that is used or disposed of shall 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.

Alternative 6 (PFRP Equivalent) - Sewage sludge that is used or disposed of shall 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. Three alternatives are available to demonstrate compliance with Class B criteria for sewage sludge.

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, the following site restrictions must be met if Class B sludge is land applied:

- i. Food crops with harvested parts that touch the sewage sludge/soil mixture and are totally above the land surface shall not be harvested for 14 months after application of sewage sludge.
 - ii. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of sewage sludge when the sewage sludge remains 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 sewage sludge when the sewage sludge remains 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 sewage sludge.
 - v. Animals shall not be allowed to graze on the land for 30 days after application of sewage sludge.
 - vi. Turf grown on land where sewage sludge is applied shall not be harvested for 1 year after application of the sewage sludge 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 sewage sludge.
 - viii. Public access to land with a low potential for public exposure shall be restricted for 30 days after application of sewage sludge.
 - ix. Land application of sludge 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. Sewage sludge shall be injected below the surface of the land.
 - ii. No significant amount of the sewage sludge shall be present on

the land surface within one hour after the sewage sludge is injected.

- iii. When sewage sludge that is injected below the surface of the land is Class A with respect to pathogens, the sewage sludge shall be injected below the land surface within eight hours after being discharged from the pathogen treatment process.

Alternative 10-

- i. Sewage sludge 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 sewage sludge that is incorporated into the soil is Class A with respect to pathogens, the sewage sludge 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 sewage sludge (*) 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 sewage sludge 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

SECTION II. REQUIREMENTS SPECIFIC TO BULK SEWAGE SLUDGE FOR APPLICATION TO THE LAND MEETING CLASS A or B 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 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>	<u>Cumulative Pollutant Loading Rate (pounds per acre)*</u>
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>	<u>Monthly Average Concentration (milligrams per kilogram)*</u>
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 or Class B pathogen reduction requirements as defined above in Section I.B.3.

C. Management Practices

1. Bulk sewage sludge 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 sewage sludge enters a wetland or other waters in the State.
2. Bulk sewage sludge not meeting Class A requirements shall be land applied in a manner which complies with the Management Requirements in accordance with 30 TAC § 312.44.
3. Bulk sewage sludge 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 sewage sludge sold or given away. The information sheet shall contain the following information:
 - a. The name and address of the person who prepared the sewage sludge that is sold or given away in a bag or other container for application to the land.
 - b. A statement that application of the sewage sludge 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 sewage sludge application rate for the sewage sludge 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 sewage sludge 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 sewage sludge is 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 sewage sludge 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 sewage sludge.
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 sewage sludge disposal practice.

E. Record keeping Requirements

The sludge 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 sewage sludge 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 B sludge, 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 sewage sludge is 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 sewage sludge or a sewage sludge 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 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 sludge is applied.
 - c. The number of acres in each site on which bulk sludge is applied.
 - d. The date and time sludge is 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 sludge 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 Water Quality Compliance Monitoring Team (MC 224) of the Enforcement Division, by September 30 of each year the following information:

1. Results of tests performed for pollutants found in either Table 2 or 3 as appropriate for the permittee's land application practices.
2. The frequency of monitoring listed in Section I.C. that applies to the permittee.
3. Toxicity Characteristic Leaching Procedure (TCLP) results.
4. Identity of hauler(s) and TCEQ transporter number.
5. PCB concentration in sludge in mg/kg.
6. Date(s) of disposal.
7. Owner of disposal site(s).
8. Texas Commission on Environmental Quality registration number, if applicable.
9. Amount of sludge disposal dry weight (lbs/acre) at each disposal site.
10. 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.
11. Level of pathogen reduction achieved (Class A or Class B).
12. Alternative used as listed in Section I.B.3.(a. or b.). Alternatives describe how the pathogen reduction requirements are met. If Class B sludge, include information on how site restrictions were met.
13. Vector attraction reduction alternative used as listed in Section I.B.4.
14. Annual sludge production in dry tons/year.
15. Amount of sludge land applied in dry tons/year.
16. 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 treatment activities, shall be attached to the annual reporting form.

17. 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 sewage sludge is applied.
 - c. The date and time bulk sewage sludge is applied to each site.
 - d. The cumulative amount of each pollutant (i.e., pounds/acre) listed in Table 2 in the bulk sewage sludge applied to each site.
 - e. The amount of sewage sludge (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
DISPOSED IN A MUNICIPAL SOLID WASTE LANDFILL**

- A. The permittee shall handle and dispose of sewage sludge 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 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 and supplies that sewage sludge 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 disposal practice.
- D. Sewage sludge 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 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 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 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 Remediation 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, Registration, Review, and Reporting 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 Water Quality Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30 of each year.

- E. Sewage sludge 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 Water Quality Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30 of each year the following information:

1. Toxicity Characteristic Leaching Procedure (TCLP) results.
2. Annual sludge production in dry tons/year.
3. Amount of sludge disposed in a municipal solid waste landfill in dry tons/year.
4. Amount of sludge transported interstate in dry tons/year.
5. A certification that the sewage sludge meets the requirements of 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.
6. Identity of hauler(s) and transporter registration number.
7. Owner of disposal site(s).
8. Location of disposal site(s).
9. 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.

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 C facility must be operated by a chief operator or an operator holding a Category C 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 which 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.

2. The facility is not located in the Coastal Management Program boundary.
3. The permittee is hereby placed on notice that this permit may be reviewed by the TCEQ after the completion of any new intensive water quality survey on Segment No. 1108 of the San Jacinto-Brazos Coastal Basin and any subsequent updating of the water quality model for Segment No. 1108, in order to determine if the limitations and conditions contained herein are consistent with any such revised model. The permit may be amended, pursuant to 30 TAC § 305.62, as a result of such review. The permittee is also hereby placed on notice that effluent limits may be made more stringent at renewal based on, for example, any change to modeling protocol approved in the TCEQ Continuing Planning Process.
4. The permittee has submitted sufficient evidence of legal restrictions prohibiting residential structures within the part of the interim phase buffer zone not owned by the permittee according to 30 TAC § 309.13(e)(3). The permittee shall comply with the requirements of 30 TAC § 309.13(a) through (d). (See Attachment A.)
5. Prior to the construction of the Final phase of the treatment facilities, the permittee shall submit sufficient evidence of legal restrictions prohibiting residential structures within the part of the buffer zone not owned by the permittee according to 30 TAC Section 309.13(e)(3). The evidence of legal restrictions shall be submitted to the executive director in care of the TCEQ Wastewater Permitting Section (MC 148). The permittee shall comply with the requirements of 30 TAC Section 309.13(a) through (d). (See Attachment A).
6. The permittee shall provide facilities for the protection of its wastewater treatment facilities from a 100-year flood.
7. The permittee shall notify the TCEQ Regional Office (MC Region 12) and the Applications Review and Processing Team (MC 148) of the Water Quality Division, in writing at least forty-five (45) days prior to the completion of the new facilities on Notification of Completion Form 20007.
8. Prior to construction of the Final phase of the treatment facilities, the permittee shall submit to the TCEQ Wastewater Permitting Section (MC 148) a summary submittal letter in accordance with the requirements in 30 TAC Section 217.6(c). If requested by the Wastewater Permitting Section, the permittee shall submit plans, specifications and a final engineering design report which comply with 30 TAC Chapter 217, Design Criteria for Wastewater Treatment Systems. The permittee shall clearly show how the treatment system will meet the final permitted effluent limitations required on Page 2a of the permit.

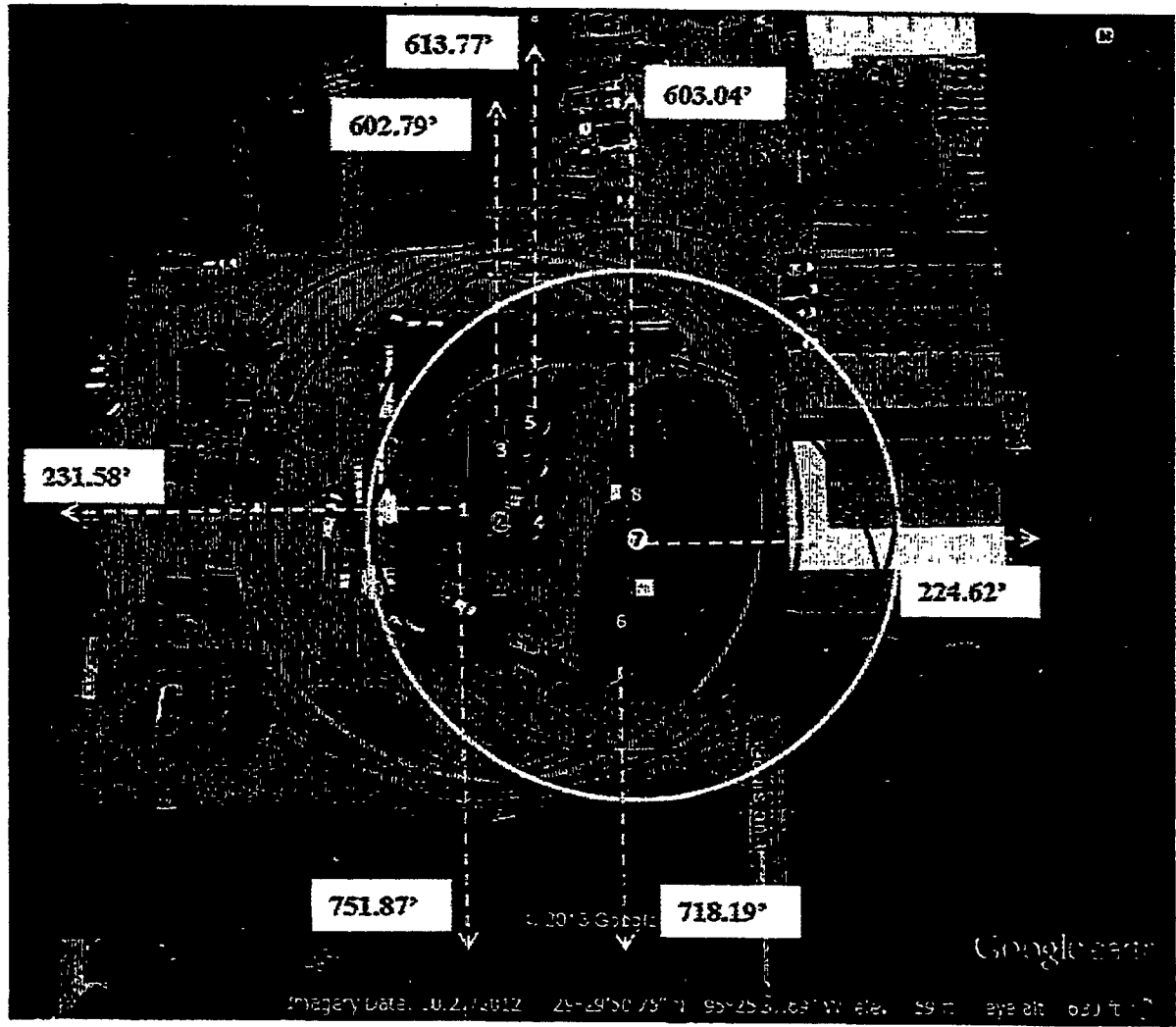
9. The permittee shall provide written notice to the TCEQ Regional Office (MC Region 12) and the Applications Review and Processing Team (MC 148) of the Water Quality Division at least forty-five (45) days prior to completion of the Final phase on Notification of Completion Form 20007.
10. In accordance 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, daily may be reduced to 5/week in the Interim and Final phases. **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.
11. The permittee is authorized to accept domestic wastewater from sources other than the collection system. The authorization is limited to domestic wastewaters and shall be introduced to the facility at the equalization basin. The permittee shall accept all responsibilities for maintaining the equalization basin. (See Attachment A for the location of the equalization basin).
12. The permittee is authorized to receive domestic wastewater from sources other than the collection system with a 30-day average influent BOD₅ concentration not to exceed 300 mg/l. The permittee shall monitor the sidestream influent BOD₅ in mg/l, once per week by composite sample.* If the 30-day average influent BOD₅ concentration exceeds 300 mg/l 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.

The permittee shall maintain weekly records of the influent BOD₅ concentration in mg/l, influent flow in MGD and the computed influent loading in BOD₅ pounds per day. The permittee shall submit the tabulated daily records and monthly averages to the TCEQ Wastewater Permitting Section (MC 148) of the Water Quality Division by September 30 of each year. All records shall be kept at the plant site for a minimum of three years and be available for review and inspection by commission staff.

*If the facility does not accept wastewater from sources other than the collection system during the calendar month, the permittee shall record "zero".

Key

- ① Equalization Basin
- ② Aeration Basin #1
- ③ Aeration Basin #2
- ④ Digester #1
- ⑤ Clarifier #1
- ⑥ Digester #2
- ⑦ Clarifier #2
- ⑧ Chlorinator #1
- > Distance to Property Boundary
- 150' Radius Circle



Buffer Zone Map
 Gulf Coast Utility Co., Inc
 Permit # WQ0012780001
 Houston, Harris County, Texas

