

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ☐ Renewal ☐ Major Amendment ☐ Minor Amendment ☒ New

County: Cornal Segment Number: 1806

Admin Complete Date: 7/11/18

Agency Receiving SPIF:

☒ Texas Historical Commission ☒ U.S. Fish and Wildlife
☒ Texas Parks and Wildlife Department ☒ U.S. Army Corps of Engineers

This form applies to TPDES permit applications only. (Instructions, Page 53)

The SPIF must be completed as a separate document. The TCEQ will mail a copy of the SPIF to each agency as required by the TCEQ agreement with EPA. If any of the items are not completely addressed or further information is needed, you will be contacted to provide the information before the permit is issued. Each item must be completely addressed.

Do not refer to a response of any item in the permit application form. Each attachment must be provided with this form separately from the administrative report of the application. The application will not be declared administratively complete without this form being completed in its entirety including all attachments.

The following applies to all applications:

1. Permittee: Silesia Properties, LP

Permit No. WQ00 New WQ 0015688001 EPA ID No. TX new

Address of the project (or a location description that includes street/highway, city/vicinity, and county):

26226 State Hwy 46 W, Spring Branch TX 78070

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Application Team



Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.

First and Last Name: Kelly Leach

Credential: Realestate Broker

First and Last Name: Kelly Leach

Credential: Realestate Broker

Organization Name: Gram Vikas Partners, Inc

Title/Prefix: President

Mailing Address: 1141 N Loop 1604 E. #105-114

City: San Antonio

State: TX

ZIP Code: 78232

Phone No.: 210 827 7918

Ext.:

Fax No.: 830 249 4791

E-mail Address: kelly.welovedirt@gmail.com

2. List the county in which the facility is located: Comal
3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

N/A

4. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.

Discharge from WWTP in 2 ea. 4" HDPE forced mains to a dry tributary; thence to Honey Creek; thence to the Guadalupe River

5. Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report).

Provide original photographs of any structures 50 years or older on the property.

Does your project involve any of the following? Check all that apply.

- ☐ Proposed access roads, utility lines, construction easements
- ☐ Visual effects that could damage or detract from a historic property's integrity.
- ☐ Vibration effects during construction or as a result of project design
- ☐ Additional phases of development that are planned for the future
- ☐ Sealing caves, fractures, sinkholes, other karst features
- ☐ Disturbance of vegetation or wetlands

6. List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features):



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Applications Team

7. Describe existing disturbances, vegetation, and land use:

WWTP to be located on grass covered pasture land

THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

8. List construction dates of all buildings and structures on the property:

TBD

9. Provide a brief history of the property, and name of the architect/builder, if known.

Ranch land, grazing for livestock



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Applications Team

Subject: Application to Obtain Permit No.
WQ0015688001 - Additional Information Request
From: Velma Fuller <Velma.Fuller@Tceq.Texas.Gov>
Date: 6/25/2018 2:26 PM
To: "david@stwastewater.com"
<david@stwastewater.com>
CC: "ronnieu@urbanconcrete.com"
<ronnieu@urbanconcrete.com>

Application to Obtain Permit No. WQ0015688001 (EPA I.D TX0138550)
Silesia Properties, LP
CN605525542, RN110389046

We have received your response to our additional information request; unfortunately, all the requested information was not included in your response. Your attention to the following items is requested before we can declare the application administratively complete. *Please submit one original and two copies (including a cover letter) of the complete response.*

1. Section 3.C on page 4 of the administrative report: Thank you for providing a revised Core Data Form; however two different locations were given for the facility. Please clarify if the street address or the description to physical location should be used as the facility's location in the permit.
2. Section 13 on page 11 of the administrative report: Thank you for providing a revised USGS map; however, it was not an original USGS 7.5 minute topographic map. Please provide a new original USGS 7.5 minute topographic map ~~(an 8 1/2 by 11, reproduced portion/area of the most current original USGS map may be provided as long as all the required information can be shown)~~ showing and labeling the: applicant's property boundary, treatment plant boundaries within the applicant's boundary, point of discharge (indicate it with a dot, X, or arrow), the highlighted discharge route (using a light-colored highlighter) for three stream miles downstream from the point of discharge, the pipe route, and an area of not less than one mile in all directions from the facility. If necessary, provide an additional map to show the one mile radius.

Please submit the complete response, addressed to my attention, by July 2, 2018. If you have any questions, please do not hesitate to call me at (512) 239-3321.

Velma Fuller
Applications Review and Processing Team (MC 148)
Water Quality Division
Texas Commission of Environmental Quality

(512) 239-3321

<https://www.tceq.texas.gov/customersurvey>

29 June 2018

TCEQ - Velma Fuller
Application Review & Processing Team
Water Quality Division
PO Box 13087
Austin TX 78711-3087
512 239-3321

Application to Obtain Permit WQ0015688001
Silesia Properties, LP
CN 605525542 RN 110389046

Response to email received 25 June 2018 regarding permit WQ0015688001

1. Section 3, pg 4 Administrative report. Clarification of address for permit - The physical address of the sub-division will be 26226 W State Highway 46, Spring Branch TX 78070
2. Section 13 pg 11 Administrative report - New original USHGS 7.5 minute topographic map showing and labeling the :
 - a) applicant's property boundary,
 - b) treatment plant boundaries within the applicant's boundary,
 - c) point of discharge [indicated with an arrow],
 - d) the highlighted discharge route for 3 stream miles from the point of discharge,
 - e) the pipe route
 - f) an area of not less than one mile in all directions from the facility.

Oscar D. Graham, P.E.
South Texas Wastewater Treatment
Boerne TX 78006



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Application Team

23. Street Address of the Regulated Entity: (No PO Boxes)	26226 W Hwy 46						
	City	Spring Branch	State	TX	ZIP	78070	ZIP + 4
24. County							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	Proposed treatment facility to be located 1.2 miles east of the intersection of Blanco Rd on St Hwy 46 and 0.6 miles north of St Hwy 46 in Comal County, Texas					
26. Nearest City	Bulverde			State	TX	Nearest ZIP Code
						78163
27. Latitude (N) In Decimal:	29.81.52		28. Longitude (W) In Decimal:	-98.50.76		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	
29	81	52	-98	50	76	
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)		
6552	4952		23721	221320		
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)						
Domestic wastewater treatment facility for subdivision						
34. Mailing Address:	26226 W Hwy 46					
	City	Spring Branch	State	TX	ZIP	78070
35. E-Mail Address:		ronnieu@urbanconcrete.com				
36. Telephone Number		37. Extension or Code		38. Fax Number (if applicable)		
(210) 490 - 0090				(210) 490 - 1505		

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

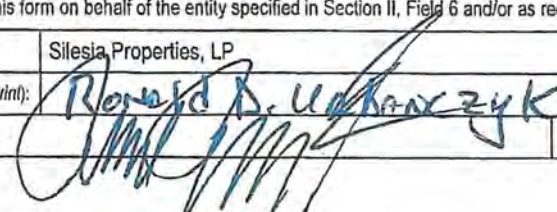
☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☐ Waste Water	☐ Wastewater Agriculture	☐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

SECTION IV: Preparer Information

40. Name:	Bonnie Billquist		41. Title:	Admin. assistant
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(830) 249 - 8098		(830) 249 - 4791	bonnie@stwastewater.com	

SECTION V: Authorized Signature

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

Company:	Silesia Properties, LP	Job Title:	Manager
Name (In Print):	Ronald B. Uchacz	Phone:	(210) 490-5091
Signature:		Date:	

Velma Fuller

From: Velma Fuller
Sent: Monday, June 25, 2018 2:26 PM
To: 'david@stwastewater.com'
Cc: 'ronnieu@urbanconcrete.com'
Subject: Application to Obtain Permit No. WQ0015688001 - Additional Information Request

Application to Obtain Permit No. WQ0015688001 (EPA I.D TX0138550)
Silesia Properties, LP
CN605525542, RN110389046

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1. Section 3.C on page 4 of the administrative report: Thank you for providing a revised Core Data Form; however two different locations were given for the facility. Please clarify if the street address or the description to physical location should be used as the facility's location in the permit.
2. Section 13 on page 11 of the administrative report: Thank you for providing a revised USGS map; however, it was not an original USGS 7.5 minute topographic map. Please provide a new original USGS 7.5 minute topographic map (**an 8 ½ by 11, reproduced portion/area of the most current original USGS map may be provided as long as all the required information can be shown**) showing and labeling the: applicant's property boundary, treatment plant boundaries within the applicant's boundary, point of discharge (indicate it with a dot, X, or arrow), the highlighted discharge route (using a light-colored highlighter) for three stream miles downstream from the point of discharge, the pipe route, and an area of not less than one mile in all directions from the facility. If necessary, provide an additional map to show the one mile radius.

Please submit the complete response, addressed to my attention, by July 2, 2018. If you have any questions, please do not hesitate to call me at (512) 239-3321.

Velma Fuller

Applications Review and Processing Team (MC 148)
Water Quality Division
Texas Commission of Environmental Quality
(512) 239-3321

<https://www.tceq.texas.gov/customersurvey>

12 June 2018

TCEQ - Velma Fuller
Application Review & Processing Team
Water Quality Division
PO Box 13087
Austin TX 78711-3087

Application to Amend Permit WQ00156880014
Silesia Properties, LP
CN 605525542 RN 110389046



1. Administrative Report 1.0, Section 1, page 2. Check 137378 in the amount of \$400.00 made out to TCEQ for additional application fees
2. Administrative Report 1.0, Section 3.A page 3: corrected name listed on application, revised pages 1 and 3 - Silesia Properties, LP
3. Administrative Report 1.0, Section 3.C, page : corrected Core Data Form item 6,7, 8 and Section V
4. Administrative Report Section 9.C, page 7 Confirming ownership of treatment facility - Silesia Properties, LP
5. Administrative Report Section 9.D, page 7 Confirming ownership of treatment facility - Silesia Properties, LP
6. Administrative Report 1.0, Section 9.E, page 8 - corrected - no effluent disposal
7. Section 10.A, page 8, corrected Core Data Form location of facility to match
8. Administrative Report Section 10.B, page 9 corrected description of discharge route to the nearest classified segment
9. Adminstrative Report Section 13, page 11 - revised USGS map showing the labeled pipe route, applicant's property boundary, treatment plant boundaries within applicant's boundary, point of discharge, highlighted discharge route for 3 miles downstream from point of discharge, the pipe route pone mile in all directions of the facility
10. Administrative Report Section 14, page 12 I have provided new signature pages

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South Texas Wastewater Treatment
Texas Applied Engineering
227 Commerce
Boerne, TX 78006

11. Domestic Administrative Report 1.1 page 13-14, revised landowners map with discharge round highlighted, all landowners identified. The "X" on your map next to #13 is all the same property for #13. The "X" below 17 - labeled 17A on new neighbors map belongs to the same owner as #17. No additional land owner names have been added to list, therefore no new owner labels are included.

13. Corrections to "Notice of Receipt of Application and Intent to Obtain a Water Quality Permit"

Attachment 1

Domestic Technical Report 1.1

I have attached an updated application page for Section 2, B. Proposed Organic Loading and Section 3, Proposed Effluent Quality and Disinfection



Oscar D. Graham, P.E.
South Texas Wastewater Treatment
Boerne TX 78006



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Water Quality Division
Application Team

June 12, 2018

**Application Fees for New
Domestic Wastewater Permit**

Texas Commission on Environmental Quality
Financial Administrative Division
Cashier's Office (MC 214)
PO Box 13088
Austin TX 78711-3088

Gentlemen:

The attached check is for additional fees for the application. This check has been made payable to TCEQ in the amount of \$400.00. Previously I submitted ck #137242 in the amount of \$1250.00.

DESCRIPTION OF APPLICATION

Applicant: Honey Creek Ranch Subdivision Permit # WQ0015688001
Regulated Activity: Domestic Wastewater Permit
Type of Application: Discharge Permit
Authority: Texas Water Code §26.027; 30 TAC Chapters 217, 222, 305, 309, 312, 319, and 325; and Commission policies.

If you have any questions, please call Oscar D Graham at 830 249-8098 or fax 830 249-4791 or email: david@stwastewater.com.

Sincerely,

Oscar D Graham, PE



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**Water Quality Division
Application Team**



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
DOMESTIC WASTEWATER PERMIT APPLICATION
CHECKLIST

Complete and submit this checklist with the application.

APPLICANT: Silesia Properties, LP

PERMIT NUMBER: New WQ0015688001

Indicate if each of the following items is included in your application.

	Y	N		Y	N
Administrative Report 1.0	☒	☐	Original USGS Map	☒	☐
Administrative Report 1.1	☒	☐	Affected Landowners Map	☒	☐
SPIF	☒	☐	Landowner Disk or Labels	☒	☐
Core Data Form	☒	☐	Buffer Zone Map	☒	☐
Technical Report 1.0	☒	☐	Flow Diagram	☒	☐
Technical Report 1.1	☒	☐	Site Drawing	☒	☐
Worksheet 2.0	☒	☐	Original Photographs	☒	☐
Worksheet 2.1	☒	☐	Design Calculations	☒	☐
Worksheet 3.0	☐	☒	Solids Management Plan	☐	☐
Worksheet 3.1	☐	☒	Water Balance	☐	☒
Worksheet 3.2	☐	☒			
Worksheet 3.3	☐	☒			
Worksheet 4.0	☐	☒			
Worksheet 5.0	☐	☒			
Worksheet 6.0	☐	☒			
Worksheet 7.0	☐	☒			



For TCEQ Use Only

Segment Number _____ County _____
Expiration Date _____ Region _____
Permit Number _____

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Water Quality Division
Application Team



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
**APPLICATION FOR A DOMESTIC WASTEWATER PERMIT
ADMINISTRATIVE REPORT 1.0**

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

Section 1. Application Fees (Instructions Page 29)

Indicate the amount submitted for the application fee (check only one).

Flow	New/Major Amendment	Renewal
<0.05 MGD	\$350.00 ☐	\$315.00 ☐
≥0.05 but <0.10 MGD	\$550.00 ☐	\$515.00 ☐
≥0.10 but <0.25 MGD	\$850.00 ☐	\$815.00 ☐
≥0.25 but <0.50 MGD	\$1,250.00 ☐	\$1,215.00 ☐
≥0.50 but <1.0 MGD	\$1,650.00 ☒	\$1,615.00 ☐
≥1.0 MGD	\$2,050.00 ☐	\$2,015.00 ☐

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: 137242 & 137378
Check/Money Order Amount: \$1250.00 & \$400.00
Name Printed on Check: South Texas Wastewater Treatment
EPAY Voucher Number: _____
Copy of Payment Voucher enclosed? Yes ☐



Section 2. Type of Application (Instructions Page 29)

- | | |
|---|---|
| ☒ New TPDES | ☐ New TLAP |
| ☐ Major Amendment <u>with</u> Renewal | ☐ Minor Amendment <u>with</u> Renewal |
| ☐ Major Amendment <u>without</u> Renewal | ☐ Minor Amendment <u>without</u> Renewal |
| ☐ Renewal without changes | ☐ Minor Modification of permit |

For amendments or modifications, describe the proposed changes: _____

For existing permits:

Permit number _____

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EPA ID. (TPDES only) TX

JUN 21 2018

Water Quality Division
Application Team

South Texas Wastewater Treatment
Texas Registered Engineering Firm F-10188
227 Commerce
Boerne, TX 78006



TCEQ Core Data Form

TCEQ Use Only

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☒ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☐ Renewal (Core Data Form should be submitted with the renewal form)	☐ Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry **	3. Regulated Entity Reference Number (if issued)
CN 605525542		RN 110389046

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
☐ New Customer		☒ Update to Customer Information	
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		☐ Change in Regulated Entity Ownership	
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:	
Silesia Properties, LP			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
801304785	32040411770		
11. Type of Customer:		Partnership: ☐ General ☒ Limited	
Government: ☐ City ☐ County ☐ Federal ☐ State ☐ Other		☐ Sole Proprietorship ☐ Other:	
12. Number of Employees		13. Independently Owned and Operated?	
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher		☒ Yes ☐ No	
14. Customer Role (Proposed or Actual) - as it relates to the Regulated Entity listed on this form. Please check one of the following:			
☒ Owner ☐ Operator ☐ Owner & Operator			
☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:			
15. Mailing Address:			
24414 Blanco Rd			
City	San Antonio	State	TX
ZIP	78260	ZIP + 4	6615
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
18. Telephone Number		20. Fax Number (if applicable)	
(210) 490 - 0090		(210) 490 - 1505	

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)	
☒ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information	
The Regulated Entity Name submitted may be updated in order to meet TCEQ 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.)	
Honey Creek Ranch Subdivision	

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23. Street Address of the Regulated Entity: (No PO Boxes)	26226 W Hwy 46						
	City	Spring Branch	State	TX	ZIP	78070	ZIP + 4
24. County							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	Proposed treatment facility to be located 1.2 miles east of the intersection of Blanco Rd on St Hwy 46 and 0.6 miles north of St Hwy 46 in Comal County, Texas						
26. Nearest City	Bulverde			State	TX	Nearest ZIP Code	78163
27. Latitude (N) In Decimal:	29.81.52		28. Longitude (W) In Decimal:	-98.50.76			
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
29	81	52	-98	50	76		
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)		
6552	4952		23721		221320		
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)							
Domestic wastewater treatment facility for subdivision							
34. Mailing Address:	26226 W Hwy 46						
	City	Spring Branch	State	TX	ZIP	78070	ZIP + 4
35. E-Mail Address:	ronnieu@urbanconcrete.com						
36. Telephone Number		37. Extension or Code		38. Fax Number (if applicable)			
(210) 490 - 0090				(210) 490 - 1505			

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

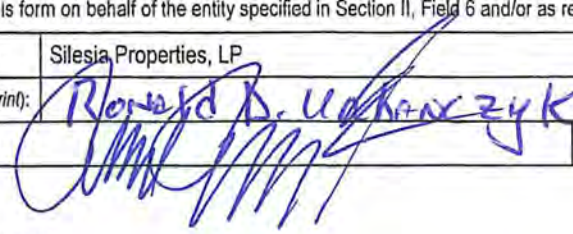
☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
WQ001568001				

SECTION IV: Preparer Information

40. Name:	Bonnie Billquist		41. Title:	Admin. assistant
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(830) 249 - 8098		(830) 249 - 4791	bonnie@stwastewater.com	

SECTION V: Authorized Signature

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

Company:	Silesia Properties, LP	Job Title:	Manager
Name (In Print):	Ronald D. Uchacz	Phone:	(210) 490-8090
Signature:		Date:	

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Section 3. Facility Owner (Applicant) and Co-Applicant Information (Instructions Page 29)

A. The owner of the facility must apply for the permit.

What is the Legal Name of the entity (applicant) applying for this permit?

Silesia Properties, LP

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)?
You may [search for your CN](http://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch) on the TCEQ website at

<http://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>

CN: 605525542

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.

First/Last Name: Ronald D Urbanczyk

Title/Prefix: _____

Credential: Manager

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

What is the Legal Name of the co-applicant applying for this permit?

N/A

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the legal documents forming the entity.)

If the co-applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may [search for your CN](http://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch) on the TCEQ website at

<http://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>:

CN: _____

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.

First and Last Name: _____

Title/Prefix: _____

Credential: _____

Provide a brief description of the need for a co-permittee:

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Water Quality Division
Application Team



Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Stephanie Bergeron Perdue, *Interim Executive Director*



original

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 18, 2018

CERTIFIED MAIL

Dr. David Graham, P.E.
South Texas Wastewater Treatment
P.O. Box 1284
Boerne, Texas 78006

Re: Application for Proposed Permit No. WQ0015688001 (EPA I.D. TX0138550)
Terry Urbanczyk, Ronald D. Urbanczyk, Silesia Properties
CN605525542, RN110389046

Dear Dr. Graham:

We have received the application for the above referenced permit and it is currently under review. Your attention to the following items is requested before we can declare the application administratively complete. Please submit one original and two copies (including a cover letter) of the complete response.

1. Section 1 on page 2 of the administrative report: A payment of \$1,250.00 was submitted for the application processing and postage fee; however, the correct amount for the fee is \$1,650.00. Refer to the fee chart provided in the application instructions. Please submit an additional \$400.00 payment with a cover letter to TCEQ, Revenue Section (MC 214), P.O. Box 13088, Austin, Texas 78711-3088. Reference the type of application, name of the applicant, the permit number, and that the payment is additional money owed for the application fee. Provide proof of payment with your response to this letter.
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Application Team

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Water Quality Division
Application Team

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<http://www.tceq.texas.gov/assets/public/hb610/index.html?lat=29.810156&lng=-98.5082&zoom=13&type=r>

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Water Quality Division
Application Team

Dr. David Graham, P.E.
Page 4
May 18, 2018
Permit No. WQ0015688001

Further information may also be obtained from ~~Ferry Urbanczyk, Ronald D.~~
~~Urbanczyk~~, Silesia Properties, LP (pending response) at the address stated above
or by calling Dr. David Graham, P.E., South Texas Wastewater Treatment at 830-
249-4791.

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the requested information is not received by the given deadline, pursuant to 30 TAC
Chapter 281, the application may be removed from our list of pending applications. If
you should have any questions, please do not hesitate to call me at (512) 239-3321.

Sincerely,



Velma Fuller
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission of Environmental Quality

Enclosures

cc: Mr. Ronald D. Urbanczyk, Manager, Silesia Properties, LP, 24414 Blanco Road,
San Antonio, Texas 78260, w/enclosures

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Water Quality Division
Application Team

Attachment 1
Terry Urbanczyk, Ronald D. Urbanczyk, Silesia Properties, LP
WQ0015688001

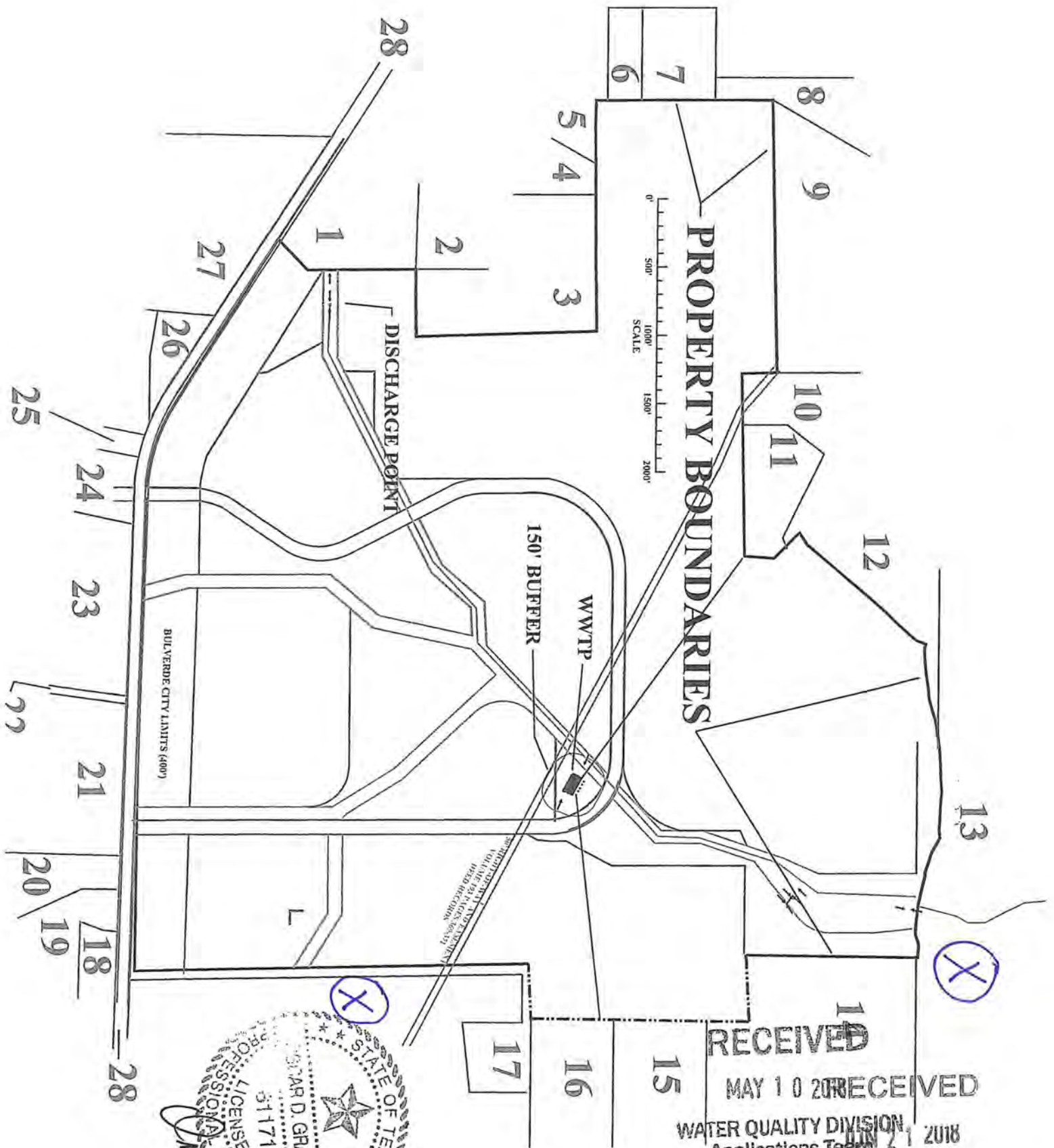
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Application Team

Neighbor Map
DAR 1.1 Section 1.1.A.



Velma Fuller

From: Velma Fuller
Sent: Thursday, June 21, 2018 8:56 AM
To: david@stwastewater.com
Subject: Application to Renew WQ0015688001 by Silesia Properties, LP

Good Morning Mr. Graham,

Thank you for submitting the application to obtain a wastewater permit for Silesia Properties, LP, Wastewater Permit No. WQ0015688001. A Notice of Deficiency (NOD) letter was sent to you on May 18, 2018, with a complete response due by June 17, 2018. As of today, we have not received a response. Please submit a complete response to the NOD letter by **June 28, 2018**.

If you have any questions, please contact me at 512-239-3321 or by email at Velma.Fuller@tceq.texas.gov.

Thank you,

Velma Fuller

Applications Review and Processing Team (MC 148)
Water Quality Division
Texas Commission of Environmental Quality
(512) 239-3321

<https://www.tceq.texas.gov/customersurvey>

Section 13 pg 11
Item 9 TCEQ Letter

em

1 mi.

1390

1365

1300

1314

1300

1252

1.33 mi.

1 mi.

PROPERTY BOUNDARIES

WWTP

150' BUFFER

FORCED MAIN to DISCHARGE POINT

DISCHARGE POINT

Borrow Pit

BM 1346

Well

1/2 mi.

1366

1300

46

Honey Creek

Cem

VERDE CITY LIMITS (400')

1 mi.

1360

ROAD

1390

1365

1300

1314

1300

1252

1.33 mi.

1 mi.

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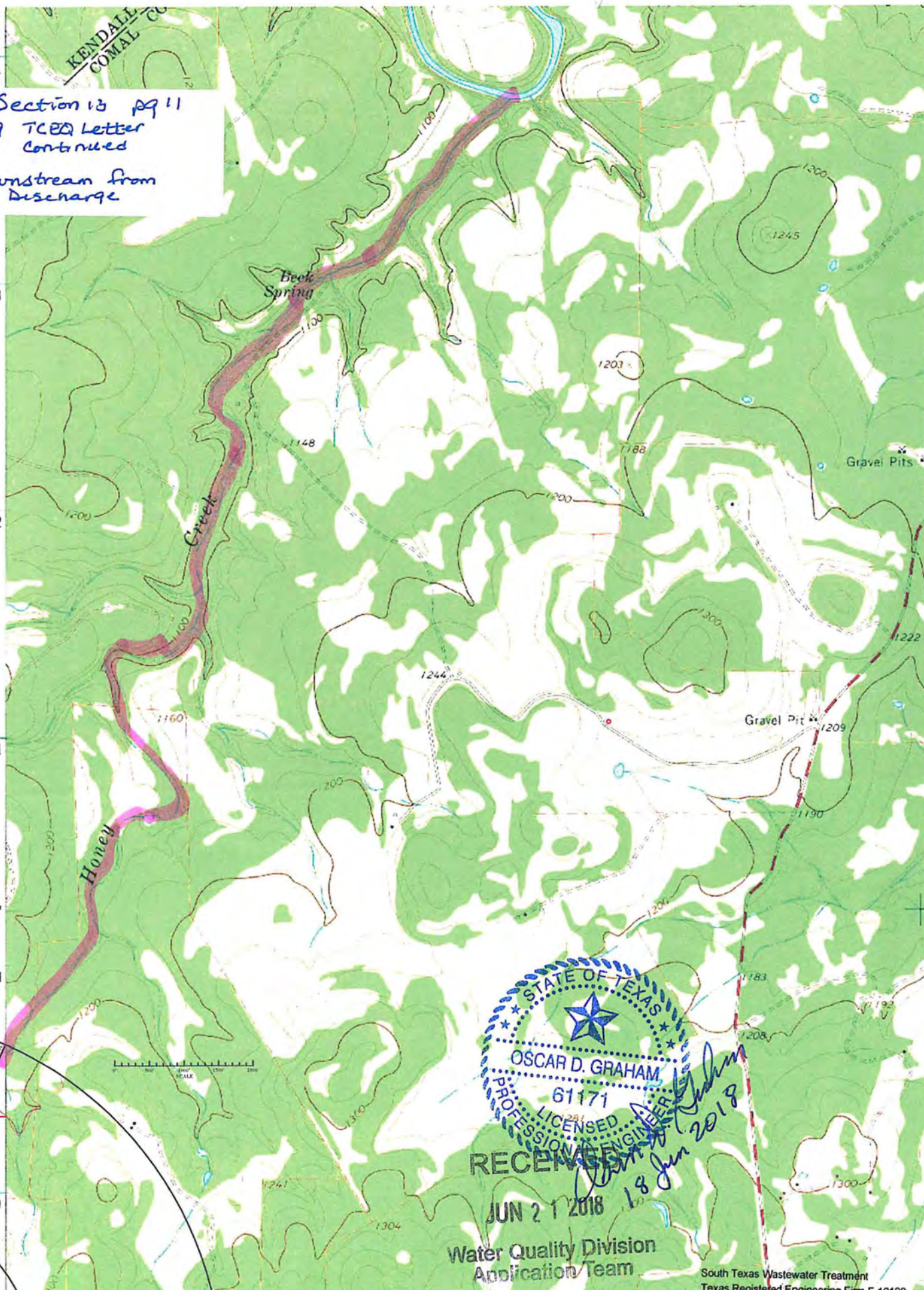
JUN 21 2018

Water Quality Division
Application Team

South Texas Wastewater Treatment
Texas Registered Engineering Firm F-10188
227 Commerce
Boerne, TX 78006

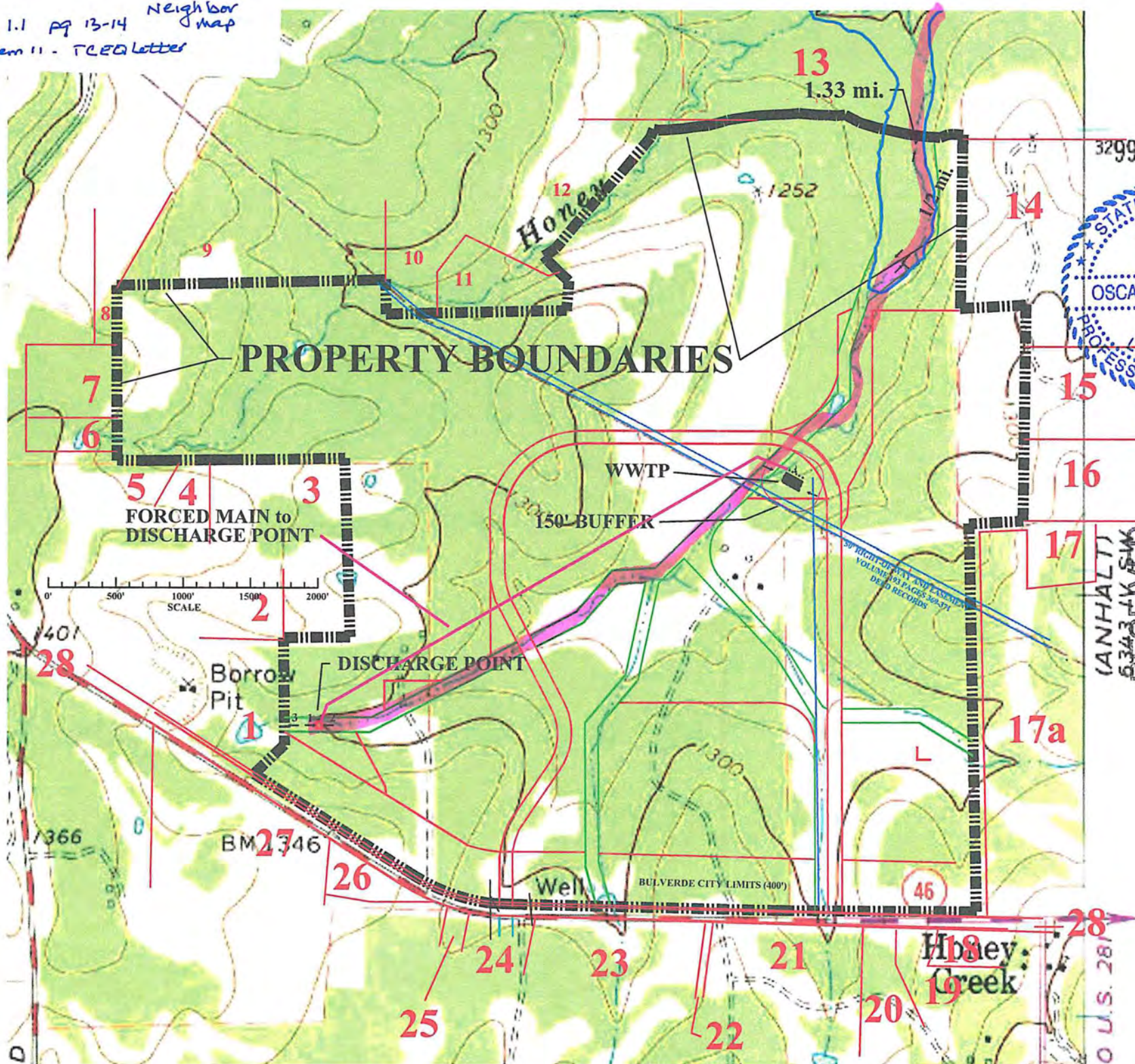
DAR Section 13 pg 11
Item 9 TCEQ Letter
Continued

3mi. downstream from
point of discharge



South Texas Wastewater Treatment
Texas Registered Engineering Firm F-10188
227 Commerce
Boerne, TX 78006

DAR 1.1 Pg 13-14 Neighbor Map
Item 11 - TCEQ letter



STATE OF TEXAS
OSCAR D. GRAHAM
61171
LICENSED PROFESSIONAL ENGINEER
18 Jun 2018

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South Texas Wastewater Treatment
Texas Registered Engineering Firm F-10188
227 Commerce
Boerne, TX 78006

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Stephanie Bergeron Perdue, *Interim Executive Director*



original

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 18, 2018

CERTIFIED MAIL

Dr. David Graham, P.E.
South Texas Wastewater Treatment
P.O. Box 1284
Boerne, Texas 78006

Re: Application for Proposed Permit No. WQ0015688001 (EPA I.D. TX0138550)
Terry Urbanczyk, Ronald D. Urbanczyk, Silesia Properties
CN605525542, RN110389046

Dear Dr. Graham:

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Dr. David Graham, P.E.
Page 2
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JUN 7 4 2018
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Application Team

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Application Team

Dr. David Graham, P.E.
Page 4
May 18, 2018
Permit No. WQ0015688001

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Sincerely,



Velma Fuller
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission of Environmental Quality

Enclosures

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JUN 21 2018
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Application Team

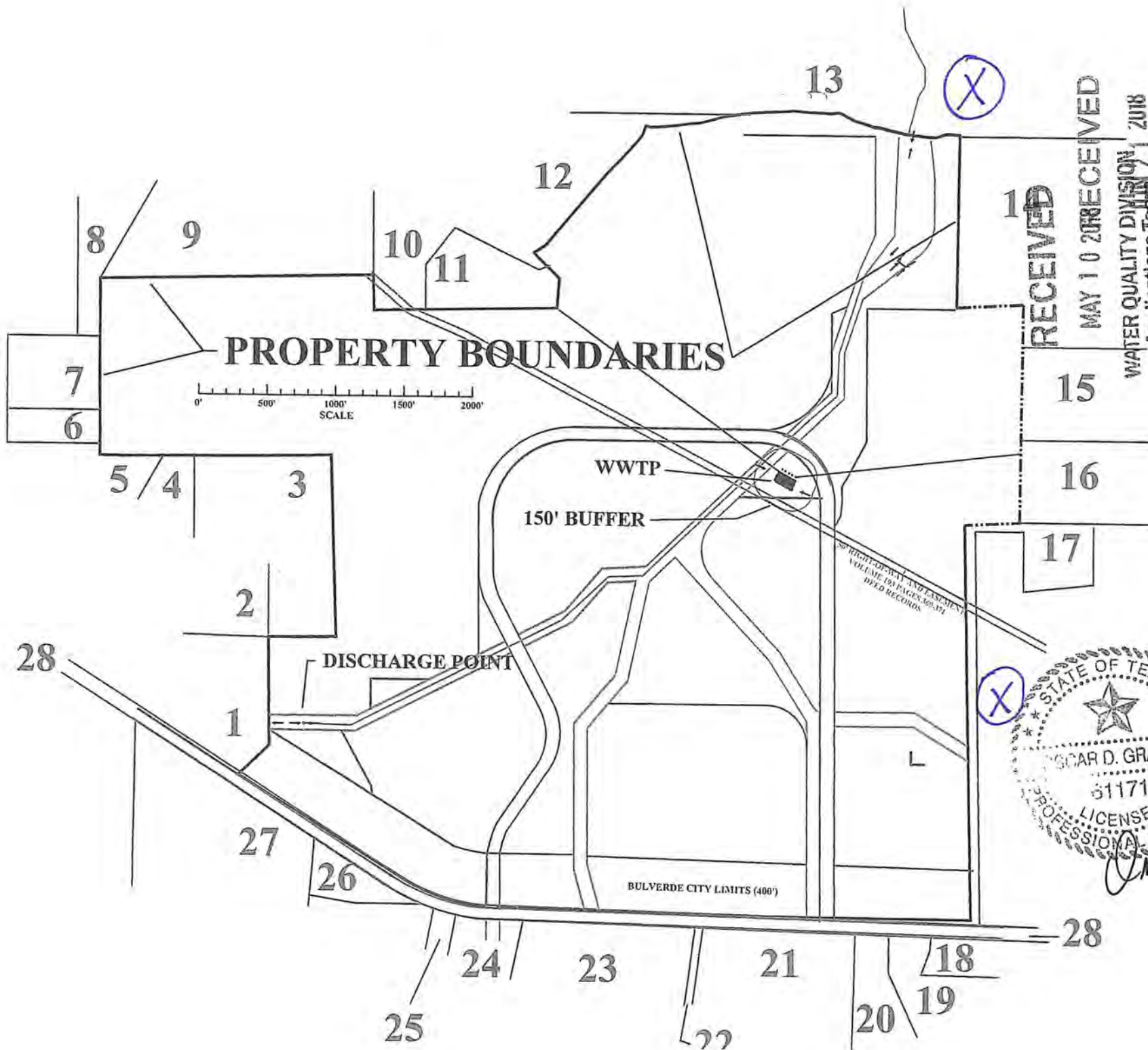
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Application Team

Neighbor Map
 DATE 1.1 Section 1.1.A.



Water Quality Division

South Texas Wastewater Treatment
 Texas Registered Engineering Firm F-10188
 227 Commerce
 Boerne, TX 78006

Velma Fuller

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To: david@stwastewater.com
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Thank you,

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Texas Commission of Environmental Quality
(512) 239-3321

<https://www.tceq.texas.gov/customersurvey>

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

9489 0090 0027 6008 0955 70

May 18, 2018

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Page 4
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Sincerely,



Velma Fuller
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission of Environmental Quality

Enclosures

cc: Mr. Ronald D. Urbanczyk, Manager, Silesia Properties, LP, 24414 Blanco Road,
San Antonio, Texas 78260, w/enclosures

bcc: TCEQ Region 13, Water Program Manager, w/enclosures
J. Alfonso Martinez, Municipal Permits Team (MC148), w/enclosures

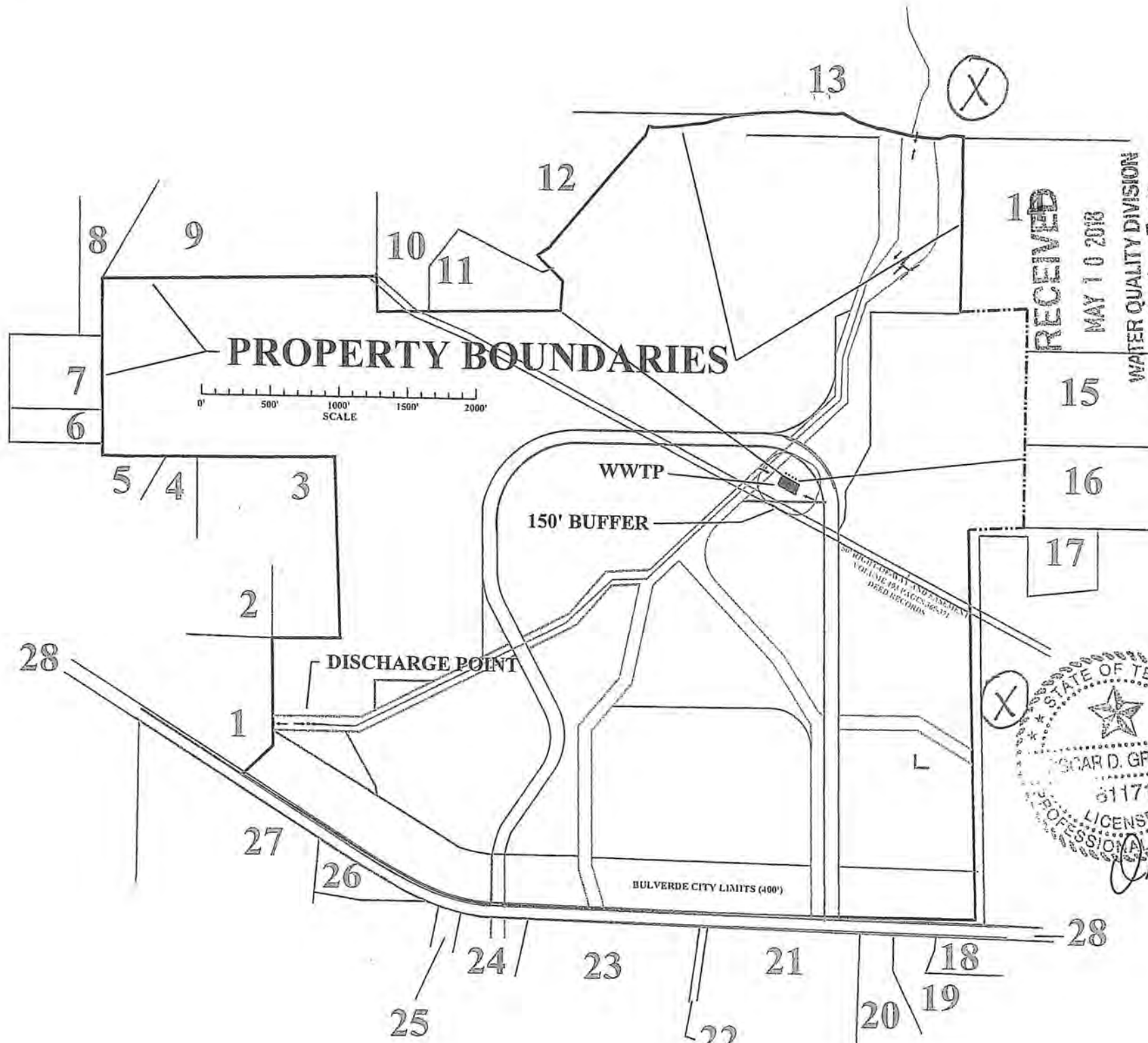
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WQ0015688001

Technical Report Data Completeness Review - Domestic Wastewater Permit Application

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Neighbor Map.
 DATE 1.1 Section 1.1 A.



RECEIVED
 MAY 10 2018
 WATER QUALITY DIVISION
 Applications Team

STATE OF TEXAS
 OSCAR D. GRAHAM
 61171
 LICENSED
 PROFESSIONAL ENGINEER
Oscar D. Graham
 7 MAY 2018

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24414 BLANCO RD
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If more than one address matches the information provided, try narrowing your search by entering a street address and, if applicable, a unit number. Edit and search again.
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24414 BLANCO RD
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Look Up Another ZIP Code™

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- permit

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You entered:

1141 NORTH LOOP 1604 EAST
SAN ANTONIO TX

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Showing Results

1- 10 of 11

1141 N LOOP 1604 E STE 105-114
SAN ANTONIO TX 78232-1339

1141 N LOOP 1604 E
SAN ANTONIO TX 78232-1339

1141 N LOOP 1604 E STE (Range 100 - 103)
SAN ANTONIO TX 78232-1340

1141 N LOOP 1604 E STE (Range 106 - 108)
SAN ANTONIO TX 78232-1340

1141 N LOOP 1604 E STE 105
SAN ANTONIO TX 78232-1397

(ODD Range 1101 - 1199) N LOOP 1604 E
SAN ANTONIO TX 78232-1338

- billing

[ZIP Code™ by Address \(/zip-code-lookup.htm?byaddress\)](#)
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PO BOX 1284
BOERNE TX

If more than one address matches the information provided, try narrowing your search by entering a street address and, if applicable, a unit number. Edit and search again. ([zip-code-lookup.htm?byaddress](#))

PO BOX 1284
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-acttc

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Questions or Comments >>

Main Query Page

Program Area Search

Additional ID Detail		Map It		Copy Map It URL	
Additional ID Program:		WWPERMIT		Legacy System (Code): (WQ)	
Additional ID:		WQ0015688001		Status: PENDING	
Name:		HONEY CREEK RANCH WWTP		ID Type: PERMIT	
Physical Address:		26226 W HWY 46, SPRING BRANCH, TX 78070		Sec. Addn Id: TX0138550, EPA ID	
Description:					
County:		COMAL		Region: REGION 13 - SAN ANTONIO	
Nearest City:		State: TX		Nearest Zip: 78070	
Latitude:		30° 21 min 52 sec (30.364444)		Longitude: 97° 8 min 44 sec (-97.145555)	

0 Records

Industry Types			
Classification System	Code	Name	Primary Flag

1-1 of 1 Record

Site Classifications				
Program	Site Classification	Begin Date	End Date	CMS Min Freq Qty
WASTEWATER	DOMESTIC MINOR	05/10/2018	12/31/3000	0

1-3 of 3 Records

Customers			List All
CN Number	Name ▲	Role	
CN605525542	SILESTA PROPERTIES LP	OWN	
CN604802009	URBANCZYK, RONALD D	OWN	
CN604802017	URBANCZYK, TERRY	OWN	

1-3 of 3 Records

Issued To			
CN Number	Issued To Name	Start Date	View 'Issued To' History
CN605525542			View
CN604802009			View
CN604802017			View

Regulated Entity			
Reference Number:	RN110389046	Name:	HONEY CREEK RANCH WWTP
Business Description:	Stand-Alone: N		

Location			
Address:	Not on file		
Description:	26226 HIGHWAY 46 W SPRING BRANCH TX 78070 USA		
County:	COMAL	Region:	REGION 13 - SAN ANTONIO
Nearest City:		State:	TX
		Nearest Zip:	78070
Latitude:	30° 21 min 52 sec (30.364444)	Longitude:	97° 8 min 44 sec (-97.145555)

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 Statewide Links: [Texas.gov](#) | [Texas Homeland Security](#) | [TRAIL Statewide Archive](#) | [Texas Veterans Portal](#)

© 2002-2018 Texas Commission on Environmental Quality

TEXAS SECRETARY of STATE
ROLANDO B. PABLOS[UCC](#) | [Business Organizations](#) | [Trademarks](#) | [Notary](#) | [Account](#) | [Help/Fees](#) | [Briefcase](#) | [Logout](#)**BUSINESS ORGANIZATIONS INQUIRY - VIEW ENTITY**

Filing Number: 801304785 **Entity Type:** Domestic Limited Partnership (LP)
Original Date of Filing: August 12, 2010 **Entity Status:** In existence
Formation Date: N/A
Tax ID: 32042411770 **FEIN:**
Duration: Perpetual

Name: Silesia Properties, LP
Address: 24114 Blanco Road
San Antonio, TX 78258 USA

<u>REGISTERED AGENT</u>	<u>FILING HISTORY</u>	<u>NAMES</u>	<u>MANAGEMENT</u>	<u>ASSUMED NAMES</u>	<u>ASSOCIATED ENTITIES</u>
Name Kristin Aljoe	Address 313 Frey Street Boerne, TX 78006 USA			Inactive Date	

[Order](#)[Return to Search](#)Instructions:

- To place an order for additional information about a filing press the 'Order' button.

**Franchise Tax Account Status**

As of : 05/17/2018 10:46:13

This Page is Not Sufficient for Filings with the Secretary of State

SILESIA PROPERTIES, LP	
Texas Taxpayer Number	32042411770
Mailing Address	313 FREY ST BOERNE, TX 78006-2707
 Right to Transact Business in Texas	ACTIVE
State of Formation	TX
Effective SOS Registration Date	08/12/2010
Texas SOS File Number	0801304785
Registered Agent Name	KRISTIN ALJOE
Registered Office Street Address	313 FREY STREET BOERNE, TX 78006



Water Quality Receipt Report

MAY-16-18 09:00 PM

Paid In By: SOUTH HOUSTON, CITY OF

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M803056A	10287001	CK	115933		20-OCT-17	-\$2000.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M803056B	10287001	CK	115933		20-OCT-17	-\$15.00
WATER QUALITY PMT								
NOTICE FEES WQP	PTGQ	M810011	10287001	CK	116456		22-DEC-17	-\$35.00
WATER QUALITY PMT								

Paid In By: SOUTH TEXAS WASTEWATER TREATMENT

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M817696A	14959001	CK	136910		02-MAR-18	-\$1200.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M817696B	14959001	CK	136910		02-MAR-18	-\$50.00
WATER QUALITY PMT								
WATER QUALITY	WQP	M818448A	13449001	CK	136992		08-MAR-18	-\$300.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M818448B	13449001	CK	136992		08-MAR-18	-\$50.00
WATER QUALITY PMT								
WATER QUALITY	WQP	M823853A		CK	137242		09-MAY-18	-\$1200.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M823853B		CK	137242		09-MAY-18	-\$50.00
WATER QUALITY PMT								

Paid In By: SOUTHERN WATER CORPORATION

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M801854A	10610001	CK	24168		09-OCT-17	-\$1200.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M801854B	10610001	CK	24168		09-OCT-17	-\$15.00
WATER QUALITY PMT								

Paid In By: SOUTHSIDE PLACE, CITY OF

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M728550A	14850001	CK	26136		06-JUN-17	-\$1200.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M728550B	14850001	CK	26136		06-JUN-17	-\$15.00
WATER QUALITY PMT								

Paid In By: SOUTHSTAR COMMUNITIES LLC

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M819194A	15266001	CK	6686		12-MAR-18	-\$800.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M819194B	15266001	CK	6686		12-MAR-18	-\$50.00
WATER QUALITY PMT								

Paid In By: SOUTHWEST ISD

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M702454A	14786001	CK	101832		07-OCT-16	-\$300.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M702454B	14786001	CK	101832		07-OCT-16	-\$15.00
WATER QUALITY PMT								

- BOOKMARKS
- SKES DENISE
- SNORSKY SUPPORT SERVICES INC
- SILBER ROAD RESERVE LP
- SILGUERO JR SAMUEL
- SILJENMARKET LLC
- SILLER BROTHERS
- SILVA ARENALES DBA 4 BROTHERS ENTERPRISES
- SILVA DOMINGO
- SILVA DOMINGO JR
- SILVA SAN JUANA MENDOZA
- SILVA FERNANDO JR
- SILVER HOMES LLC
- SILVER SAMSON H
- SILVERSTAR ENERGY INC
- SILVERWOOD ASSOCIATES
- SILVERWOODS SUBDIVISION
- SILVESTRE GARZA GONZALEZ
- SILVIA ROMO
- SIMEK VICTOR
- SIMENTAL STONE YARD INC
- SIMMS PS INC

Customer Name: SILBER ROAD RESERVE LP		Debtrelpath Stage: AGENCY,ASPERRED		Callin: MAIL	
Account #: 0502035					
VCP	VCP0034896	VOL CLEANUP OCT13	PT14 34069	31-DEC-13 31-JAN-14	\$207.00
VCP	VCP0034814	VOL CLEANUP APR14	PT14 34069	30-JUN-14 31-JUL-14	\$481.50
Total of delinquent transactions (Account):					\$688.50

Report ID: A00102

Page 9271



Basis 2 A/R Outstanding Past Due Transactions Detail Report By Customer Name
MAY 17-18 06:30 AM

Customer Name: SILBER ROAD RESERVE LP		Total of delinquent transactions (Customer):		\$688.50	
---------------------------------------	--	--	--	----------	--

Customer Name: SILGUERO JW DANIEL		Debtrelpath Stage:		Callin: MAIL	
Account #: 06430380					
OST	UST0484135	U-GROUND TANK FEE TANKS:PT07	0000015417	30-SEP-06 31-OCT-06	\$200.00
OST	SC2703-001	LATE FEE FOR UST0694135	0000015417	10-NOV-06 10-DEC-06	\$10.00
OST	SC2704-001	LATE FEE FOR UST0694135	0000015417	11-DEC-06 11-JAN-07	\$10.00
UST	SC2705-001	LATE FEE FOR UST0694135	0000015417	12-JAN-07 11-FEB-07	\$1.54
UST	SC2706-001	LATE FEE FOR UST0694135	0000015417	12-FEB-07 12-MAR-07	\$1.54
UST	SC2707-001	LATE FEE FOR UST0694135	0000015417	13-MAR-07 13-APR-07	\$1.54
UST	SC2708-001	LATE FEE FOR UST0694135	0000015417	14-APR-07 14-MAY-07	\$1.54
UST	SC2709-001	LATE FEE FOR UST0694135	0000015417	15-MAY-07 15-JUN-07	\$1.54
Total of delinquent transactions (Account):					\$227.70
Total of delinquent transactions (Customer):					\$227.70

Customer Name: SILJENMARKET LLC		Debtrelpath Stage: WHOLD,SEPERRED,AGENCY,ASPERRED		Callin: MAIL	
Account #: 24000879					
DCR	DCR0156450	DRY CLEAN REG FEE 1	PT16Q DCR11255	30-SEP-14 31-OCT-14	\$42.30
DCR	DCR0155091	LATE FEE - NOV 2014		10-NOV-14 10-NOV-14	\$3.12
DCR	DCR0157220	LATE FEE - DEC 2014		10-DEC-14 10-DEC-14	\$3.12
DCR	DCR0156649	DRY CLEAN REG FEE 1	PT16Q DCR11255	31-DEC-14 31-JAN-15	\$42.30
DCR	DCR0159534	LATE FEE - JAN 2015		12-JAN-15 12-JAN-15	\$3.12
Total of delinquent transactions (Account):					\$114.96

Store and share files in the Document Cloud



TO: Water Program Manager
Region 13, San Antonio Office

FROM: Jan Sills, Water Resource Liaison
Field Operations Division

SUBJECT: Notice for Wastewater Permit Site Assessment

A permit site assessment is required for the following wastewater permit Application.

WQ Permit Number 15688001

Applicant Silesia Properties LP

Region 13

County Comal

☒ New Application

☐ Major Amendment

Discharge route for 1 (one) mile from point of discharge does contain water affected by tidal?

☐ Yes

☒ No

Date Application Mailed to Region _____

Date of Notice for PSA _____

Receiving Water Assessment Required ☒ Yes ☐ No BC

Type of Inspection PA

Due Date for Submittal of Inspection Report _____

Segment # 1806

If essential material is missing in the application which would preclude you from conducting the permit site assessment, please contact me as soon as possible at 239-0449.

Additional Comments To an unnamed trib which has two ponds/impoundments on channel. Ponds may be perennial. They eventually to Honey Ck upstream of Honey Ck SNA (u3.8 miles from discharge point to lot spring?). A reconn. visit will be coordinated w/ TPLVD for upper reaches of Honey Ck. Potential RWA. - B.C. 5/22/18

INDUSTRIAL/MUNICIPAL APPLICATIONS ROUTE SHEET

New X

Major Amend _____

Minor Amend _____

Renewal _____

Major Facility _____

Application Reviewer _____ Technical Reviewer X

DATE APPLICATION RECEIVED 5-10-18

PERMIT NUMBER 15688 001

PRE PREVIEW BY STANDARDS (RWA) _____

N/A _____

Route original application of new and major amendments, discharge only. The original application must be returned to the applications team within 4 hours of receipt.

PRE PREVIEW BY GROUNDWATER _____

N/A _____

Route copy of new and major amendments TLAP.

PRE TECH REVIEW REQUIRED 5-10-18

N/A _____

Route copy of new, major amendments, major facilities and final flow > 1MGD for Municipal.

COASTAL ZONE DETERMINATION _____

N/A _____

Route copy of new application or major amendment when the facility is located in the noted county

COMMENTS ARE DUE TO APPLICATIONS TEAM BY CLOSING ON 5-17-18

PRE TECH REVIEW PERFORMED BY A.M.

THE ATTACHMENT SHOULD BE PROVIDED TO THE APPLICATIONS TEAM AT THE END OF THE 5TH WORKING DAY

Attachment 1
Terry Urbanczyk, Ronald D. Urbanczyk, Silesia Properties, LP
WQ0015688001

Technical Report Data Completeness Review - Domestic Wastewater Permit Application

- Domestic Technical Report 1.1
 - Section 2. Organic Loadings
 - B. Proposed Organic Loading
 - For the influent BOD₅, it was stated to be designed for 240 mg/l. In Figure: 30 TAC §217.32(a)(3), the range for a subdivision is between the values of 250 mg/l and 400 mg/l. Please clarify or provide an updated application page meeting this criteria.
 - Section 3. Proposed Effluent Quality and Disinfection
 - In each phase, a value for dissolved oxygen seems to be in the wrong field. I just want to clarify if this was intended to be in the Total Phosphorus field. If so, please provide an updated application page with the correction.

Please note that the TCEQ may request additional information, as necessary, to aid in drafting an accurate and representative permit. If you should have any questions, please contact J. Alfonso Martinez III of the Municipal Permits Team at (512) 239-4668 or Jose.Martinez@tceq.texas.gov.

INDUSTRIAL/MUNICIPAL APPLICATIONS ROUTE SHEET

New ☒

Major Amend ☐

Minor Amend ☐

Renewal ☐

Major Facility ☐

Application Reviewer ☒ Technical Reviewer ☐

DATE APPLICATION RECEIVED 5-10-18

PERMIT NUMBER 15688001

PRE PREVIEW BY STANDARDS (RWA) 5-10-18 N/A ☐
Route original application of new and major amendments, discharge only. The original application must be returned to the applications team within 4 hours of receipt..

PREVIEW BY GROUNDWATER ☐ N/A ☒
Route copy of new and major amendments TLAP.

PRE TECH REVIEW REQUIRED 5-10-18 N/A ☐
Route copy of new, major amendments, major facilities and final flow > 1MGD for Municipal.

COASTAL ZONE DETERMINATION ☐ N/A ☒
Route copy of new application or major amendment when the facility is located in the noted county.

COMMENTS ARE DUE TO APPLICATIONS TEAM BY CLOSING ON 5.17.18

PRE TECH REVIEW PERFORMED BY ☐

THE ATTACHMENT SHOULD BE PROVIDED TO THE APPLICATIONS TEAM AT THE END OF THE 5TH WORKING DAY

Coastal Zone Determination

(To Be Verified Upon Receipt Of The Application)

Permit Number 15688001

County Comal

Indicate Type of Application:

☐ Renewal

☐ Minor Amendment

☐ Major Amendment

Is the facility on the Coastal Zone list?

☐ YES (Coastal Zone statement will be included in the "Notice of Draft Permit") (If a major amendment - statement will be included in the "Notice of Receipt")

☐ NO (Do not include statement in any notice)

☒ New

☐ Major Amendment

Is the facility located in one of the following counties?

☐ Aransas

☐ Galveston

☐ Kleberg

☐ San Patricio

☐ Brazoria

☐ Harris

☐ Matagorda

☐ Victoria

☐ Calhoun

☐ Jackson

☐ Nueces

☐ Willacy

☐ Cameron

☐ Jefferson

☐ Orange

☐ Chambers

☐ Kenedy

☐ Refugio

☐ YES Send the application to Water Quality Assessment Team for Coastal Zone Determination.

☒ NO No further review needed (Do not include statement in any notice)

Water Quality Assessment Section's determination:

Is the discharge in the Coastal Zone?

☐ YES Coastal Zone statement shall be included in the Admin Complete Notice

☐ NO Do not include statement in the Admin Complete Notice

Return to Applications Team by _____

SOUTH TEXAS WASTEWATER TREATMENT

Authorized JET Distributor - Home and Commercial - Engineering Services
P O Box 1284 Boerne, Texas 78006 * 830-249-8098 or 1-800-86 WASTE, www.stwastewater.com

May 4, 2018

Mr. Firoj Vahora
Application Review & Processing Team (MC 148)
12100 Park 35 Circle
Austin, Texas 78753

Re: Honey Creek Ranch Subdivision
Applicant: Terry Urbanczyk, Ronald D Urbanczyk
Silesia Properties, LP
24114 Blanco Rd
San Antonio TX 78260-6615

Permit No. WQ New
CN No.

Domestic Wastewater Permit - TPDES

Mr. Vahora:

Please accept our application for new TPDES permit.

We respectfully request of your approval of this design. The intent is to comply with all of the requirements of 30 TAC Chapter 217 and 222 as well as any other applicable regulations. We stand ready to respond to any questions or concerns.

Sincerely,



Oscar D Graham, PhD., PE
P.O. Box 1284
Boerne, Texas 78006
800-869-2783 Fax 800-347-8614
David@stwastewater.com
Cell 210-317-1293

RECEIVED
MAY 10 2018
WATER QUALITY DIVISION
Applications Team

SILESIA PROPERTIES, L.P.
24114 Blanco Road
San Antonio, TX 78260
210-490-0090

May 3, 2018

Silesia Properties, LP
24114 Blanco Rd
San Antonio TX 78260

Honey Creek Ranch Subdivision
Wastewater Collection Project
Comal County Texas
Permit #: New
Regulated Entity #: RN
Customer Ref. #: CN

TCEQ
Office of the Chief Clerk, MC 105
PO Box 13087
Austin, TX 78711-0387

As authorized agent for Honey Creek Ranch, I do hereby appoint Dr. Oscar D. Graham, PhD., PE of South Texas Wastewater Treatment as engineer and technical representative to represent DTB Investments LP and Ammann Ranch, in all technical matters in the prosecution of the application for permit to construct and installation of an on-site wastewater treatment facility on the premises' owned by

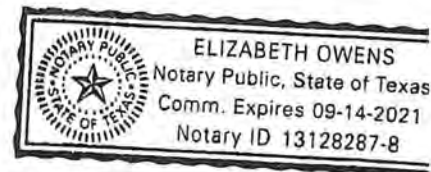
[Signature], located at 26226 St Hwy 46 W, Spring Branch TX 78070
Owner/Agent for Honey Creek Ranch

[Signature], located at 26226 St Hwy 46 W, Spring Branch TX 78070
Owner/Agent for Honey Creek Ranch

Sworn and subscribed before me on May 3, 2018

[Signature]
Notary Public, State of Texas
my commission expires 9/14/2021

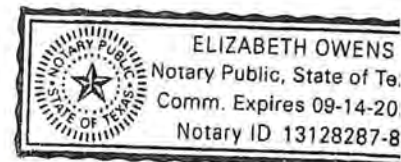
Liz Owens
printed name of notary



Sworn and subscribed before me on May 3, 2018

[Signature]
Notary Public, State of Texas
my commission expires 9/14/2021

Liz Owens
printed name of notary



RECEIVED
MAY 10 2018
WATER QUALITY DIVISION
Applications Team

SILESIA PROPERTIES, L.P.
24114 Blanco Road
San Antonio, TX 78260
210-490-0090

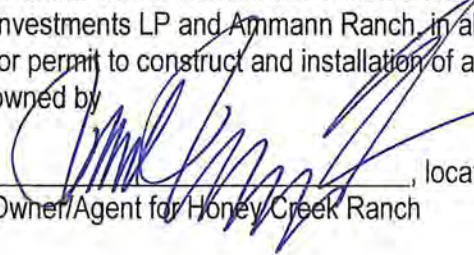
May 3, 2018

Ronald D Urbanczyk
24114 Blanco Rd
San Antonio TX 78260

Honey Creek Ranch Subdivision
Wastewater Collection Project
Comal County Texas
Permit #: New
Regulated Entity #: RN
Customer Ref. #: CN

TCEQ
Office of the Chief Clerk, MC 105
PO Box 13087
Austin, TX 78711-0387

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_____, located at 26226 St Hwy 46 W, Spring Branch TX 78070
Owner/Agent for Honey Creek Ranch

Sworn and subscribed before me on May 3, 2018

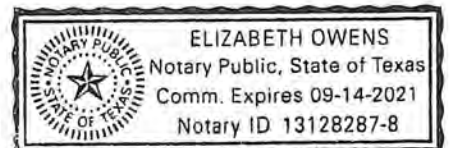

Notary Public, State of Texas
my commission expires 9/14/2021

Liz Owens
printed name of notary

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SILESIA PROPERTIES, L.P.
24114 Blanco Road
San Antonio, TX 78260
210-490-0090

May 3, 2018

Terry Urbanczyk
24114 Blanco Rd
San Antonio TX 78260

Honey Creek Ranch Subdivision
Wastewater Collection Project
Comal County Texas
Permit #: New
Regulated Entity #: RN
Customer Ref. #: CN

TCEQ
Office of the Chief Clerk, MC 105
PO Box 13087
Austin, TX 78711-0387

As authorized agent for Honey Creek Ranch, I do hereby appoint Dr. Oscar D. Graham, PhD., PE of South Texas Wastewater Treatment as engineer and technical representative to represent DTB Investments LP and Ammann Ranch, in all technical matters in the prosecution of the application for permit to construct and installation of an on-site wastewater treatment facility on the premises' owned by

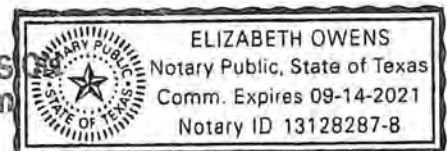
[Signature], located at 26226 St Hwy 46 W, Spring Branch TX 78070
Owner/Agent for Honey Creek Ranch

Sworn and subscribed before me on *May 3*, 2018

[Signature]
Notary Public, State of Texas
my commission expires *9/14/2021*

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
DOMESTIC WASTEWATER PERMIT APPLICATION
CHECKLIST

Complete and submit this checklist with the application.

APPLICANT: Terry Urbanczyk, Ronald D Urbanczyk, Silesia Properties, LP

PERMIT NUMBER: New

Indicate if each of the following items is included in your application.

	Y	N		Y	N
Administrative Report 1.0	☒	☐	Original USGS Map	☒	☐
Administrative Report 1.1	☒	☐	Affected Landowners Map	☒	☐
SPIF	☒	☐	Landowner Disk or Labels	☒	☐
Core Data Form	☒	☐	Buffer Zone Map	☒	☐
Technical Report 1.0	☒	☐	Flow Diagram	☒	☐
Technical Report 1.1	☒	☐	Site Drawing	☒	☐
Worksheet 2.0	☒	☐	Original Photographs	☒	☐
Worksheet 2.1	☒	☐	Design Calculations	☒	☐
Worksheet 3.0	☐	☒	Solids Management Plan	☐	☐
Worksheet 3.1	☐	☒	Water Balance	☐	☒
Worksheet 3.2	☐	☒			
Worksheet 3.3	☐	☒			
Worksheet 4.0	☐	☒			
Worksheet 5.0	☐	☒			
Worksheet 6.0	☐	☒			
Worksheet 7.0	☐	☒			

TX 0138550



For TCEQ Use Only

Segment Number New County Comal
Expiration Date New Region 13
Permit Number 15688 001

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
**APPLICATION FOR A DOMESTIC WASTEWATER PERMIT
ADMINISTRATIVE REPORT 1.0**

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

Section 1. Application Fees (Instructions Page 29)

Indicate the amount submitted for the application fee (check only one).

Flow	New/Major Amendment	Renewal
<0.05 MGD	\$350.00 ☐	\$315.00 ☐
≥0.05 but <0.10 MGD	\$550.00 ☐	\$515.00 ☐
≥0.10 but <0.25 MGD	\$850.00 ☐	\$815.00 ☐
≥0.25 but <0.50 MGD	\$1,250.00 ☒	\$1,215.00 ☐
≥0.50 but <1.0 MGD	\$1,650.00 ☐	\$1,615.00 ☐
≥1.0 MGD	\$2,050.00 ☐	\$2,015.00 ☐

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: 137242
Check/Money Order Amount: \$1250.00
Name Printed on Check: South Texas Wastewater Treatment
EPAY Voucher Number: _____
Copy of Payment Voucher enclosed? Yes ☐



Section 2. Type of Application (Instructions Page 29)

- | | |
|---|---|
| ☒ New TPDES | ☐ New TLAP |
| ☐ Major Amendment <u>with</u> Renewal | ☐ Minor Amendment <u>with</u> Renewal |
| ☐ Major Amendment <u>without</u> Renewal | ☐ Minor Amendment <u>without</u> Renewal |
| ☐ Renewal without changes | ☐ Minor Modification of permit |

For amendments or modifications, describe the proposed changes:

For existing permits:

Permit number _____ EPA I.D. (TPDES only) TX _____

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Applications Team**

Section 3. Facility Owner (Applicant) and Co-Applciant Information (Instructions Page 29)

A. The owner of the facility must apply for the permit.

What is the Legal Name of the entity (applicant) applying for this permit?

Terry Urbanczyk, Ronald D Urbanczyk, Silesia Properties, LP

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)?
You may search for your CN on the TCEQ website at
<http://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>

CN:

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.

First/Last Name: Terry Urbanczyk & Ronald D Urbanczyk

Title/Prefix: _____

Credential: Manager

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

What is the Legal Name of the co-applicant applying for this permit?

N/A

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the legal documents forming the entity.)

If the co-applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at
<http://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>:

CN:

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.

First and Last Name:

Title/Prefix:

Credential:

Provide a brief description of the need for a co-permittee:

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TCEQ Core Data Form

TCEQ Use Only

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

SECTION I: General Information

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

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
☒ New Customer		☐ Update to Customer Information	
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		☐ Change in Regulated Entity Ownership	
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:	
Terry Urbanczyk, Rona Id D Urbanczyk, Silesia Properties, LP			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
801304785	n/a	27-330570	n/a
11. Type of Customer:		Partnership: ☐ General ☒ Limited	
Government: ☐ City ☐ County ☐ Federal ☐ State ☐ Other		☐ Sole Proprietorship ☐ Other:	
12. Number of Employees		13. Independently Owned and Operated?	
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher		☒ Yes ☐ No	
14. Customer Role (Proposed or Actual) - as it relates to the Regulated Entity listed on this form. Please check one of the following:			
☒ Owner ☐ Operator ☐ Owner & Operator			
☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:			
15. Mailing Address:			
24414 Blanco Rd			
City	San Antonio	State	TX
ZIP	78260	ZIP + 4	6615
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
		ronnieu@urbanconcrete.com	
18. Telephone Number		19. Extension or Code	
(210) 490 - 0090			
		20. Fax Number (if applicable)	
		(210) 490 - 1505	

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)	
☒ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information	
The Regulated Entity Name submitted may be updated in order to meet TCEQ 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.)	
Honey Creek Ranch Subdivision	

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Applications TeamSouth Texas Wastewater Treatment
Texas Registered Engineering Firm F-10188
227 Commerce
Boerne, TX 78006

23. Street Address of the Regulated Entity: (No PO Boxes)	26226 W Hwy, #6						
	City	Spring Branch	State	TX	ZIP	78070	ZIP + 4
24. County	Comal						

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:							
26. Nearest City					State		Nearest ZIP Code
Bulverde					TX		78163
27. Latitude (N) In Decimal:		29.81.52		28. Longitude (W) In Decimal:		98.50.76	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
29	81	52	--98	50	76		
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)	
6552		4952		23721		221320	
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)							
Domestic wastewater treatment facility for subdivision							
34. Mailing Address:	26226 W Hwy 46						
	City	Spring Branch	State	TX	ZIP	78070	ZIP + 4
35. E-Mail Address:		ronnieu@urbanconcrete.com					
36. Telephone Number			37. Extension or Code		38. Fax Number (if applicable)		
(210) 490 - 0090					(210) 490 - 1505		

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

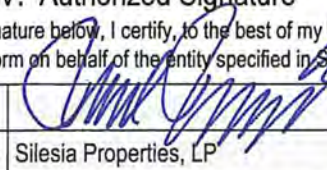
☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☒ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☒ Used Oil
☐ Voluntary Cleanup	☐ Waste Water	☐ Wastewater Agriculture	☐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

SECTION IV: Preparer Information

40. Name: Bonnie Billquist			41. Title:	
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(830) 249 - 8098		(830) 249 - 4791	bonnie@stwastewater.com	

SECTION V: Authorized Signature

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

Company:		Job Title:	Manager
Name (In Print):	Silesia Properties, LP	Phone:	(830) 490 - 0090
Signature:		Date:	3 May 2018

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Applications Team

South Texas Wastewater Treatment
Texas Registered Engineering Firm F-10188
227 Commerce
Boerne, TX 78006

Page 2 of 2

C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. **Attachment:** DAR 1.0 Sect. 3.C

Section 4. Application Contact Information (Instructions Page 30)

This is the person(s) TCEQ will contact if additional information is needed about this application. Provide a contact for administrative questions and technical questions.

A. First and Last Name: David Graham

Credential: P.E.

Organization Name: South Texas Wastewater Trmt.

Title/Prefix:

Mailing Address: PO Box 1284

City: Boerne

State: TX

ZIP Code: 78006

Phone No.: 830 249 8098

Ext.:

Fax No.: 830 249 4791

E-mail Address: david@stwastewater.com

Check one or both: ☒ Administrative Contact

☒ Technical Contact

B. First and Last Name: see above

Credential:

Organization Name:

Title/Prefix:

Mailing Address:

City:

State:

ZIP Code:

Phone No.:

Fax No.:

Ext.:

E-mail Address:

Check one or both: ☐ Administrative Contact

☐ Technical Contact



Section 5. Permit Contact Information (Instructions Page 30)

Provide two names of individuals that can be contacted throughout the permit term.

A. First and Last Name: Kelly Leach

Credential: Real-estate Broker

Organization Name: Gram Vikas Partners, Inc

Title/Prefix: President

Mailing Address: 1141 N Loop 1604 E #105-114

City: San Antonio

State: TX

ZIP Code: 78232

Phone No.: 210 827 7918

Ext.:

Fax No.: 830 249 4791

E-mail Address: kelly.welovedirt@gmail.com

B. First and Last Name: David Graham

Credential: P.E.

Organization Name: South Texas Wastewater Trmt.

Title/Prefix:

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**WATER QUALITY DIVISION
Applications Team**

City: Boerne

State: TX

ZIP Code: 78006

Phone No.: 830 249 8098

Ext.:

Fax No.: 830 249 4791

E-mail Address: david@stwastewater.com

Section 6. Billing Information (Instructions Page 30)

The permittee is responsible for paying the annual fee. The annual fee will be assessed to permits ***in effect on September 1 of each year***. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (using form TCEQ-20029).

First and Last Name: Kelly Leach

Credential: Real-estate Broker

Organization Name: Gram Vikas Partners, Inc

Title/Prefix: President

Mailing Address: 1141 N Loop 1604 E, #105-114

City: San Antonio

State: TX

ZIP Code: 78232

Phone No.: 210 827 7918

Ext.:

Fax No.: 830 249 4791

E-mail Address: kelly.welovedirt@gmail.com

Section 7. DMR/MER Contact Information (Instructions Page 31)

Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (EPA 3320-1) or maintain Monthly Effluent Reports.

First and Last Name: Kelly Leach

Credential: Real-estate Broker

Organization Name: Gram Vikas Partners, Inc

Title/Prefix: President

Mailing Address: 1141 N Loop 1604 E #105-114

City: San Antonio

State: TX

ZIP Code: 78232

Phone No.: 210 827 7918

Ext.:

Fax No.: 830 249 4791

E-mail Address: kelly.welovedirt@gmail.com

You can [submit DMR data](https://www.tceq.texas.gov/field/netdmr/netdmr.html) on the TCEQ website at

<https://www.tceq.texas.gov/field/netdmr/netdmr.html>. Establish an electronic reporting account with the permit number.



Section 8. Public Notice Information (Instructions Page 31)

A. Individual Publishing the Notices

First and Last Name: Bonnie Billquist

Credential:

Organization Name: South Texas Wastewater Trmt.

Title/Prefix:

Mailing Address: PO Box 1284

City: Boerne

State: TX

ZIP Code: 78006

Phone No.: 830 249 8098

Ext.:

Fax No.: 830 249 4791

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Applications

Phone No.: 830 249 8098

Ext.:

Fax No.: 830 249 4791

E-mail Address: bonnie@stwastewater.com

B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package

Indicate by a check mark the preferred method for receiving the first notice and instructions:

☒ E-mail Address: bonnie@stwastewater.com

☐ Fax No.:

☐ Regular Mail:

Mailing Address:

City:

State:

ZIP Code:

Phone No.:

Ext.:

Fax:

C. Contact person to be listed in the Notices

First and Last Name: David Graham

Credential: P.E.

Organization Name: South Texas Wastewater Trmt.

Title/Prefix:

Phone No.: 830 249 8098

Ext.:

E-mail: 830 249 4791

D. Public Viewing Information

If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.

Public building name: Bulverde - Spring Branch Public Library

Location within the building: ask at front desk

Physical Address of Building: 131 Bulverde Crossing

City: Bulverde

County: Comal

Contact Name:

Phone No.: 830 437 4864

Ext.:



E. Bilingual Notice Requirements:

This information **is required** for **new, major amendment, and renewal applications**. It is not required for minor amendment or minor modification applications.

This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.

Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required.

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Applications Team

1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?

☐ Yes ☒ No

If **no**, publication of an alternative language notice is not required; **skip to** Section 9 below.

2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?

☐ Yes ☐ No

3. Do the students at these schools attend a bilingual education program at another location?

☐ Yes ☐ No

4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?

☐ Yes ☐ No

5. If the answer is yes to question 1, 2, 3, or 4, public notices in an alternative language are required. Which language is required by the bilingual program?



Section 9. Regulated Entity and Permitted Site Information (Instructions Page 33)

Search the TCEQ's Central Registry at

<http://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=regent.RNSearch> to determine the RN.

If the site is found, provide the assigned Regulated Entity Number and provide the information for the site to be authorized through this application below.

TCEQ issued Regulated Entity Number (RN): RN_new

A. State/TPDES Permit No.: New

Expiration Date:

EPA Identification No. (TPDES Permits only): TX New

B. Name of project or site (the name known by the community where located): Honey Creek Ranch Subdivision

If the facility is located in Bexar, Comal, Hays, Kinney, Medina, Travis, Uvalde, or Williamson County, additional information concerning protection of the Edwards Aquifer may be required.

C. Owner of treatment facility: Terry Urbanczyk, Ronald D Urbanczyk, Silesia Properties, LP

Ownership of Facility: ☐ Public ☒ Private ☐ Both ☐ Federal

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Applications Team

South Texas Wastewater Treatment
Texas Registered Engineering Firm F-10188
227 Commerce
Boerne, TX 78006

D. Owner of land where treatment facility is or will be:

First and Last Name: Terry Urbanczyk & Ronald D Urbanczyk, Silesia Properties, LP

Mailing Address: 24114 Blanco Rd

City: San Antonio

State: TX

ZIP Code: 78260-6615

Phone No.: 210 637 9467

E-mail Address: ronnieu@urbanconcrete.com

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: n/a

E. Owner of effluent disposal site:

First and Last Name: Terry Urbanczyk & Ronald D Urbanczyk, Silesia Properties, LP

Mailing Address: 24114 Blanco Rd

City: San Antonio

State: TX

ZIP Code: 78260-6615

Phone No.: 210 490 0090

E-mail Address: ronnieu@urbanconcrete.com

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: n/a

F. Owner of sewage sludge disposal site (if authorization is requested for sludge disposal on property owned or controlled by the applicant):

First/Last Name: N/A

Mailing Address:

City:

ZIP Code:

State:

Phone No.:

E-mail Address:

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment:



Section 10. TPDES Discharge Information (Instructions Page 34)

A. Is the wastewater treatment facility location in the existing permit accurate?

☐ Yes ☒ No

If **no**, or a new permit application, please give an accurate description:

Proposed treatment facility to be located 1.2 miles east of the intersection of Blanco Rd on St Hwy 46 and 0.6 miles north of Tt Hwy 46 in Comal County, Texas

WATER QUALITY DIVISION
Applications Team

B. Are the point(s) of discharge and the discharge route(s) in the existing permit correct?

☐ Yes ☒ No

If **no, or a new or amendment permit application**, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

The discharge point is in a dry tributary located approximately 0.42 miles southeast of the intersection of Blanco Rd and St Hwy 46 and 645ft northeast of St Hwy 46 in Comal County Texas

City nearest the outfall(s): Bulverde

County in which the outfalls(s) is/are located: Comal

Outfall Latitude: 29.81.52

Longitude: -98.50.76

C. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?

☐ Yes ☒ No

If **yes**, indicate by a check mark if:

☐ Authorization granted ☐ Authorization pending

For **new and amendment** applications, provide copies of letters that show proof of contact and the approval letter upon receipt.

Attachment:

F. For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge.

N/A



Section 11. TLAP Disposal Information (Instructions Page 36)

A. For TLAPs, is the location of the effluent disposal site in the existing permit accurate?

☐ Yes ☐ No ☐ N/A

If **no, or a new or amendment permit application**, provide an accurate description of the disposal site location:

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B. City nearest the disposal site:

C. County in which the disposal site is located:

D. Disposal Site Latitude:

Longitude:

E. For TLAPs, describe the routing of effluent from the treatment facility to the disposal site:

F. For TLAPs, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained:

Section 12. Miscellaneous Information (Instructions Page 37)

A. Is the facility located on or does the treated effluent cross American Indian Land?

☐ Yes ☒ No

B. If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?

Yes ☐ No ☐ Not Applicable ☒

If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.

N/A

C. Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application:

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D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If **yes**, provide the following information:

Account number:

Amount past due:

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If **yes**, please provide the following information:

Enforcement order number:

Amount past due:

Section 13. Attachments (Instructions Page 38)

Indicate which attachments are included with the Administrative Report. Check all that apply:

- ☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
- ☒ Original full-size USGS Topographic Map with the following information:
 - Applicant's property boundary
 - Treatment facility boundary
 - Labeled point of discharge for each discharge point (TPDES only)
 - Highlighted discharge route for each discharge point (TPDES only)
 - Onsite sewage sludge disposal site (if applicable)
 - Effluent disposal site boundaries (TLAP only)
 - New and future construction (if applicable)
 - 1 mile radius information
 - 3 miles downstream information (TPDES only)
 - All ponds.
- ☐ Attachment 1 for Individuals as co-applicants *N/A*
- ☒ Other Attachments. Please specify: see list of attachments included with permit ppwk

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Applications Team



Section 14. Signature Page (Instructions Page 39)

Permit Number: new

Applicant: Silesia Properties, LP

Certification:

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 § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): Ronald D. Urbanczyk

Signatory title:

Signature: [Signature]

(Use blue ink)

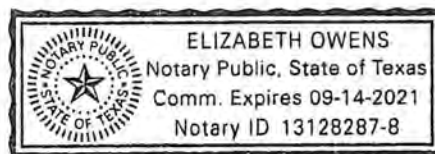
Date: 3 May 2018

Subscribed and Sworn to before me by the said Ronald D. Urbanczyk

on this 3rd day of May, 20 18.

My commission expires on the 14 day of Sept, 20 2021.

[Signature]
Notary Public



[SEAL]

Bexar
County, Texas

If co-applicants are necessary, each entity must submit an original, separate signature page.

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Section 14. Signature Page (Instructions Page 39)

Permit Number: new

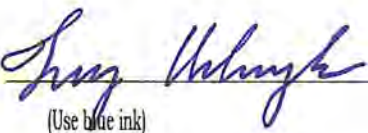
Applicant: Terry Urbanczyk,

Certification:

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 § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): Terry Urbanczyk

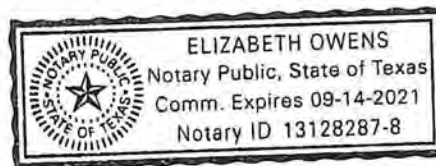
Signatory title:

Signature:  Date: 3 May 2018
(Use blue ink)

Subscribed and Sworn to before me by the said Terry Urbanczyk
On this 3rd day of May, 2018
My commission expires on the 14 day of Sept, 2021.


Notary Public

Bexar
County, Texas



[SEAL]

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Section 14. Signature Page (Instructions Page 39)

Permit Number: new

Applicant: Ronald D Urbancz

Certification:

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 § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): Ronald D Urbanczyk

Signatory title:

Signature


(Use blue ink)

3 May 2018

Date:

Subscribed and Sworn to before me by the said Ronald D. Urbanczyk

on this 3rd

day of May

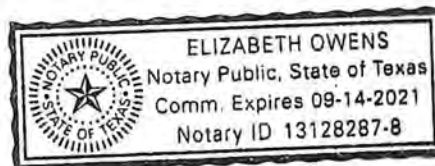
, 20 18

My commission expires on the 14

day of Sept

, 20 18


Notary Public



[SEAL]

Bexar
County, Texas

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DOMESTIC ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 41)

- A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:
- ☒ The applicant's property boundaries
 - ☒ The facility site boundaries within the applicant's property boundaries
 - ☒ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
 - ☒ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
 - ☒ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
 - ☒ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
 - ☒ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
 - ☒ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
 - ☒ The property boundaries of all landowners surrounding the effluent disposal site
 - ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
 - ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located
- B. ☒ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowners map has been provided.
- C. Indicate by a check mark in which format the landowners list is submitted:
- ☐ Readable/Writeable CD
 - ☒ Four sets of labels
- D. Provide the source of the landowners' names and mailing addresses: Comal Co. Appraisal District
- E. As required by *Texas Water Code* § 5.115, is any permanent school fund land affected by this application?
- ☐ Yes
 - ☒ No



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If **yes**, provide the location and foreseeable impacts and effects this application has on the land(s):

Section 2. Original Photographs (Instructions Page 44)

Provide original ground level photographs. Indicate with checkmarks that the following information is provided.

- ☒ At least one original photograph of the new or expanded treatment unit location
- ☒ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.
- ☒ At least one photograph of the existing/proposed effluent disposal site
- ☒ A plot plan or map showing the location and direction of each photograph

Section 3. Buffer Zone Map (Instructions Page 44)

A. Buffer zone map. Provide a buffer zone map on 8.5 x 11-inch paper with all of the following information. The applicant's property line and the buffer zone line may be distinguished by using dashes or symbols and appropriate labels.

- The applicant's property boundary;
- The required buffer zone; and
- Each treatment unit; and
- The distance from each treatment unit to the property boundaries.

B. Buffer zone compliance method. Indicate how the buffer zone requirements will be met.

Check all that apply.

- ☒ Ownership
- ☐ Restrictive easement
- ☐ Nuisance odor control
- ☐ Variance

C. Unsuitable site characteristics. Does the facility comply with the requirements regarding unsuitable site characteristic found in 30 TAC § 309.13(a) through (d)?

Yes ☒ No ☐



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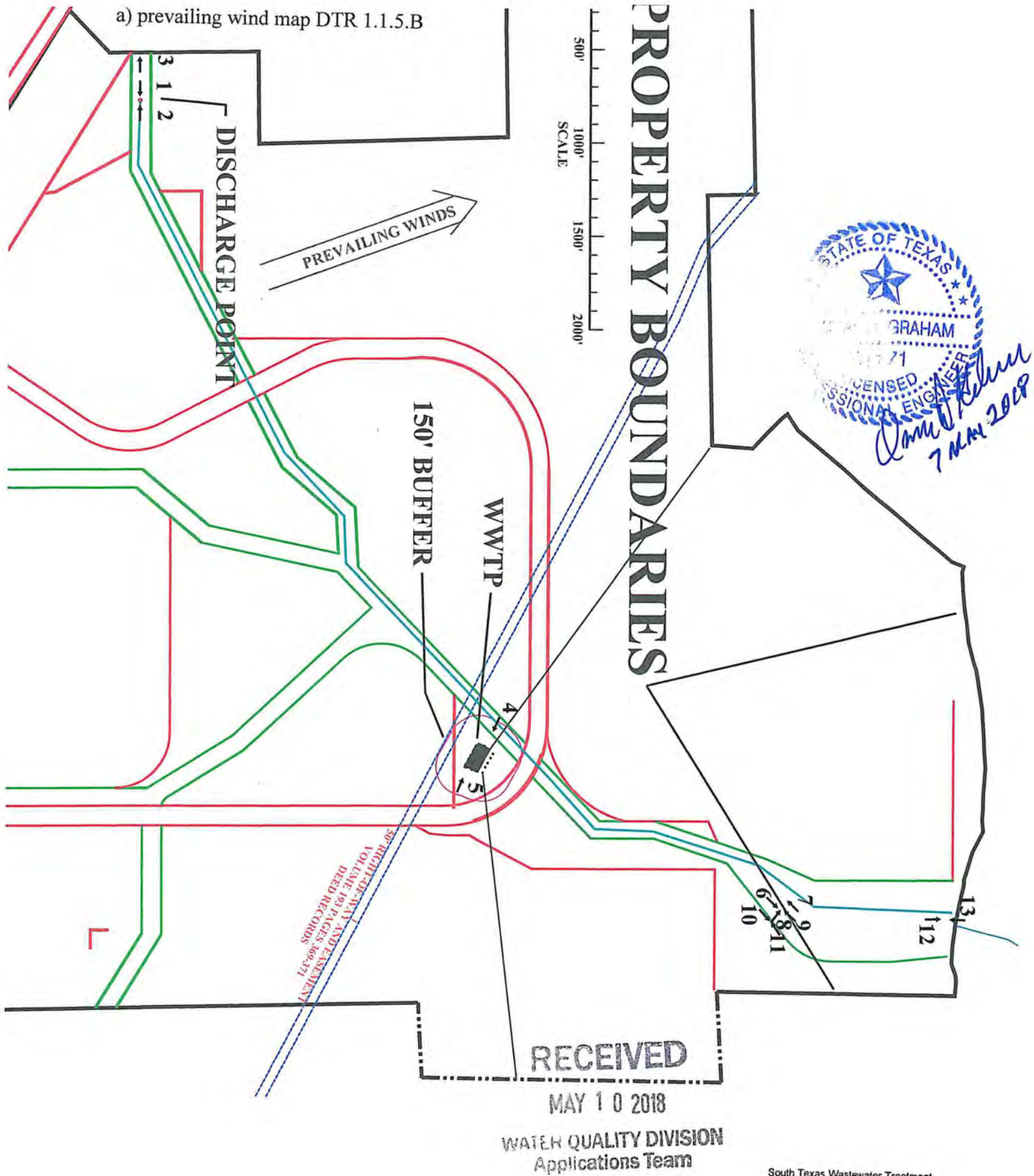


Photo 1
Discharge point looking downstream



Photo 2
Discharge point looking upstream

Handwritten notes in blue ink, including a circular stamp that reads "TEXAS DEPARTMENT OF TRANSPORTATION" and "STATE OF TEXAS".

Small text at the bottom left corner, including "Texas Registered Engineering Firm E-19188" and "Booth TX 7/8/11".



Photo 3
Looking upstream above Discharge
point across property line

South Texas Waterworks Treatment
Company
Registered Engineer E-10188
Boerne, TX 78006

Photo 6
Center of Dam looking downstream -
North



Southwest Wastewater Treatment
Plant, Dallas, Texas
75201
Southwest Wastewater Treatment Plant
Dallas, Texas 75201
Southwest Wastewater Treatment Plant
Dallas, Texas 75201

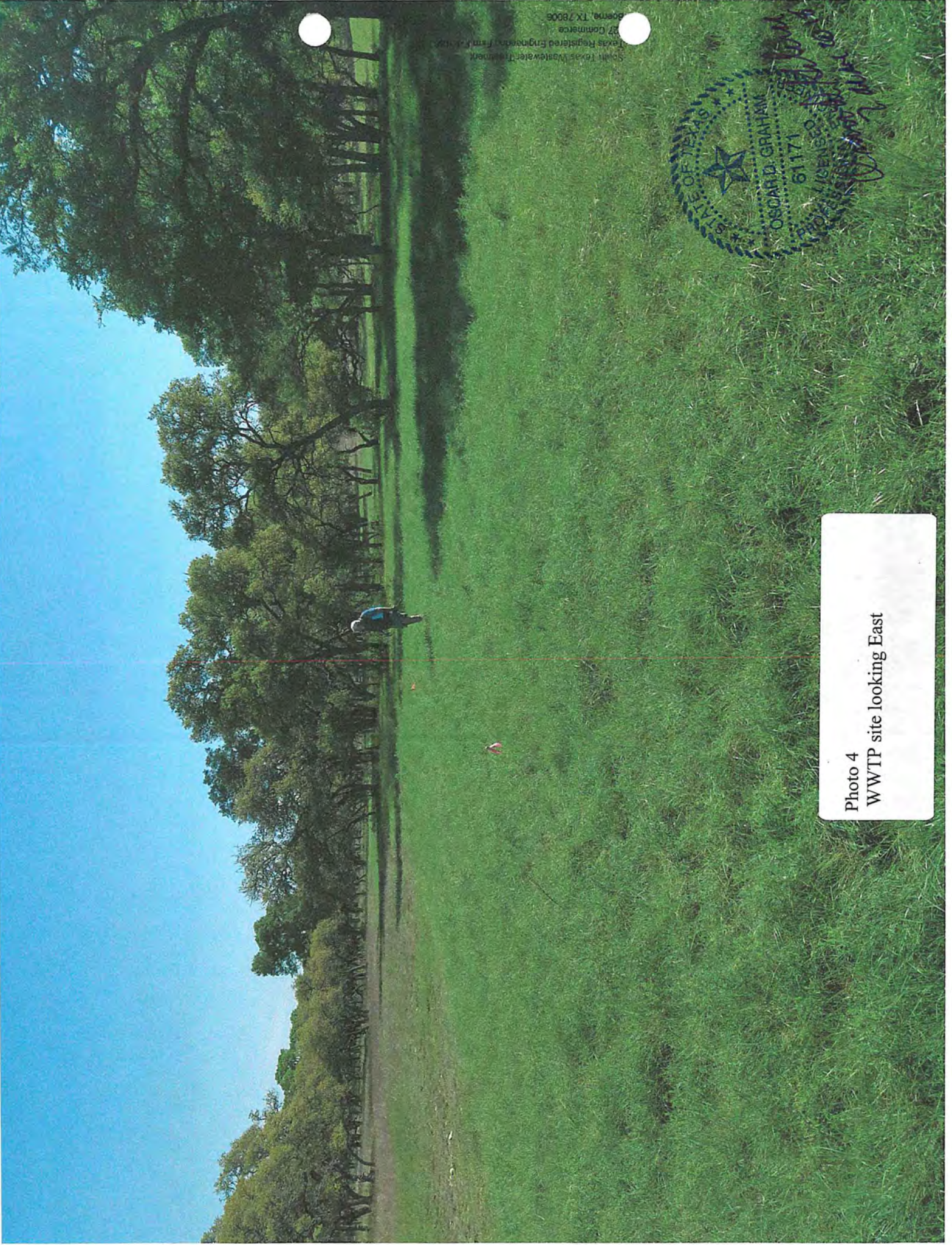


Photo 4
WWTP site looking East

STATE OF TEXAS
OSCAR D. GRAHAM
61171
LICENSED PROFESSIONAL ENGINEER
PHOTOGRAPHED BY [Signature]

South Texas Wastewater Treatment
Texas Registered Engineering Firm # 112
Boerne, TX 78006



Photo 5
WWTP site looking West

OSCAR D. GRAHAM
61171
PROF. LAND SURV.
JAN 20 2014
Dennis J. Smith

South Texas Wastewater Treatment
was Registered Engineering Firm F-10189
Commerce
Boerne, TX 78006

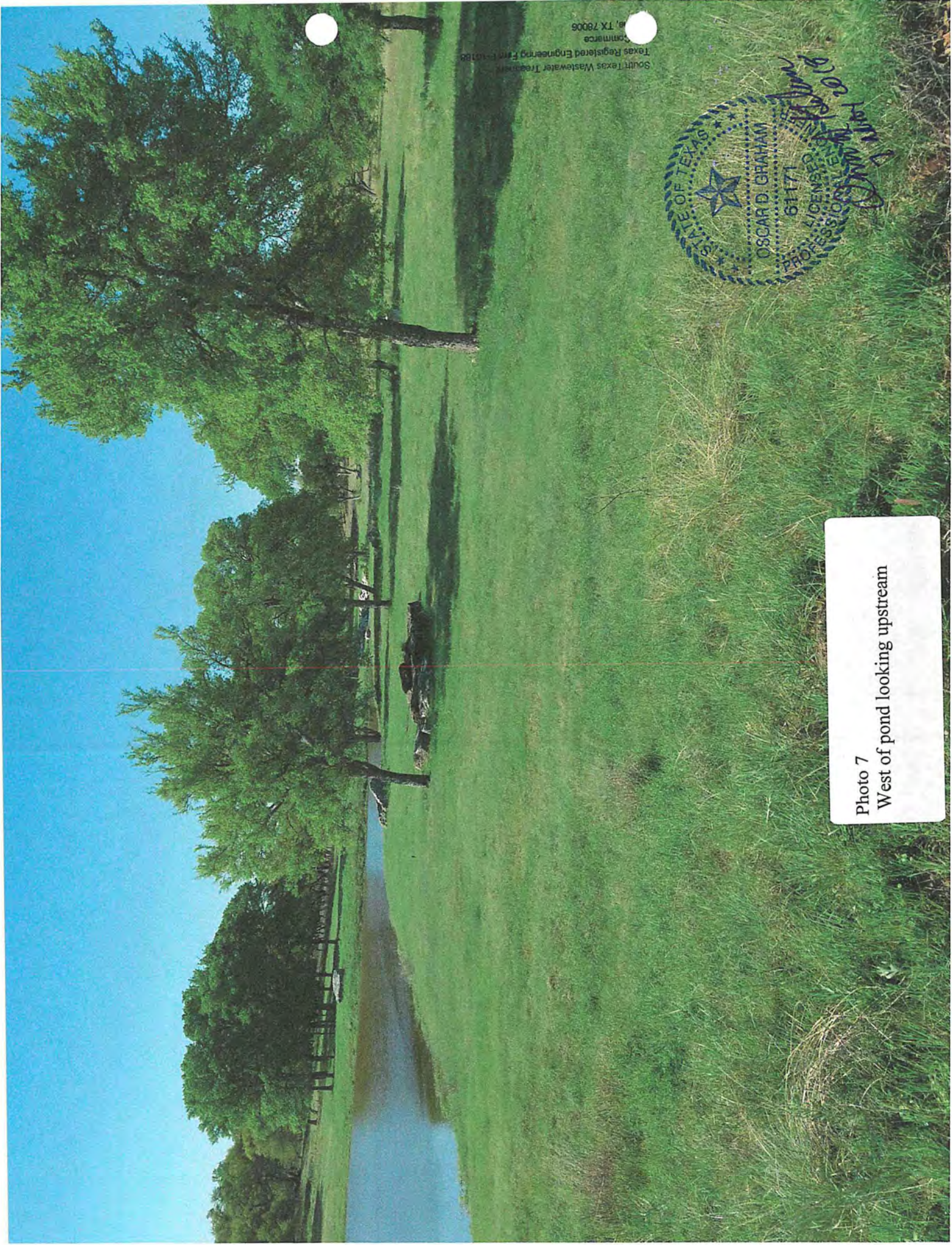


Photo 7
West of pond looking upstream

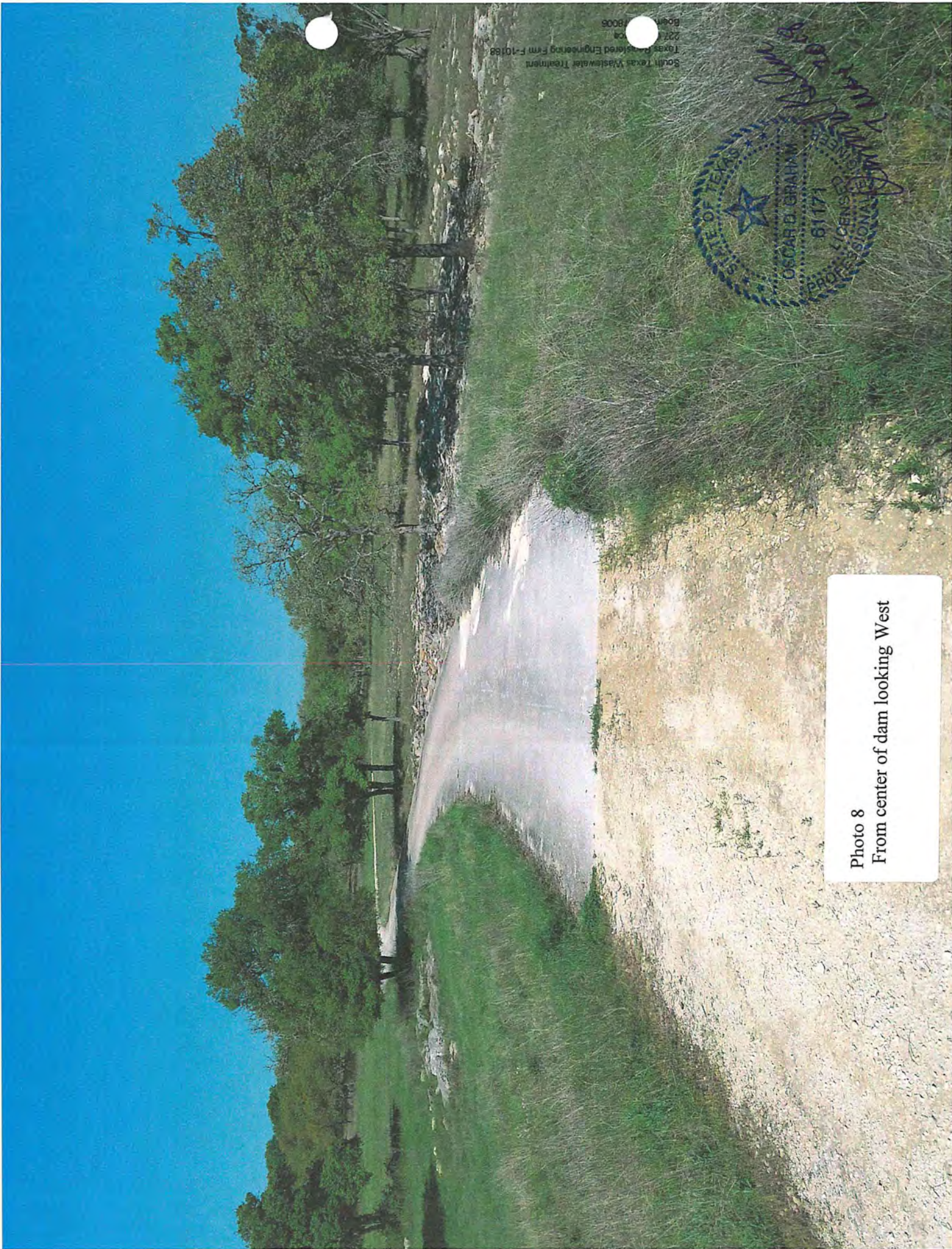
STATE OF TEXAS
OSCAR D GRAHAM
61171
LICENSED PROFESSIONAL ENGINEER
Civil
12/1/2011

South Texas Wastewater Treatment
Texas Registered Engineering Firm P-10188
Commerce
TX 78006

Photo 8
From center of dam looking West



South Texas Wastewater Treatment
Texas Registered Engineering Firm F-10188
227
Boonville, MO 64606



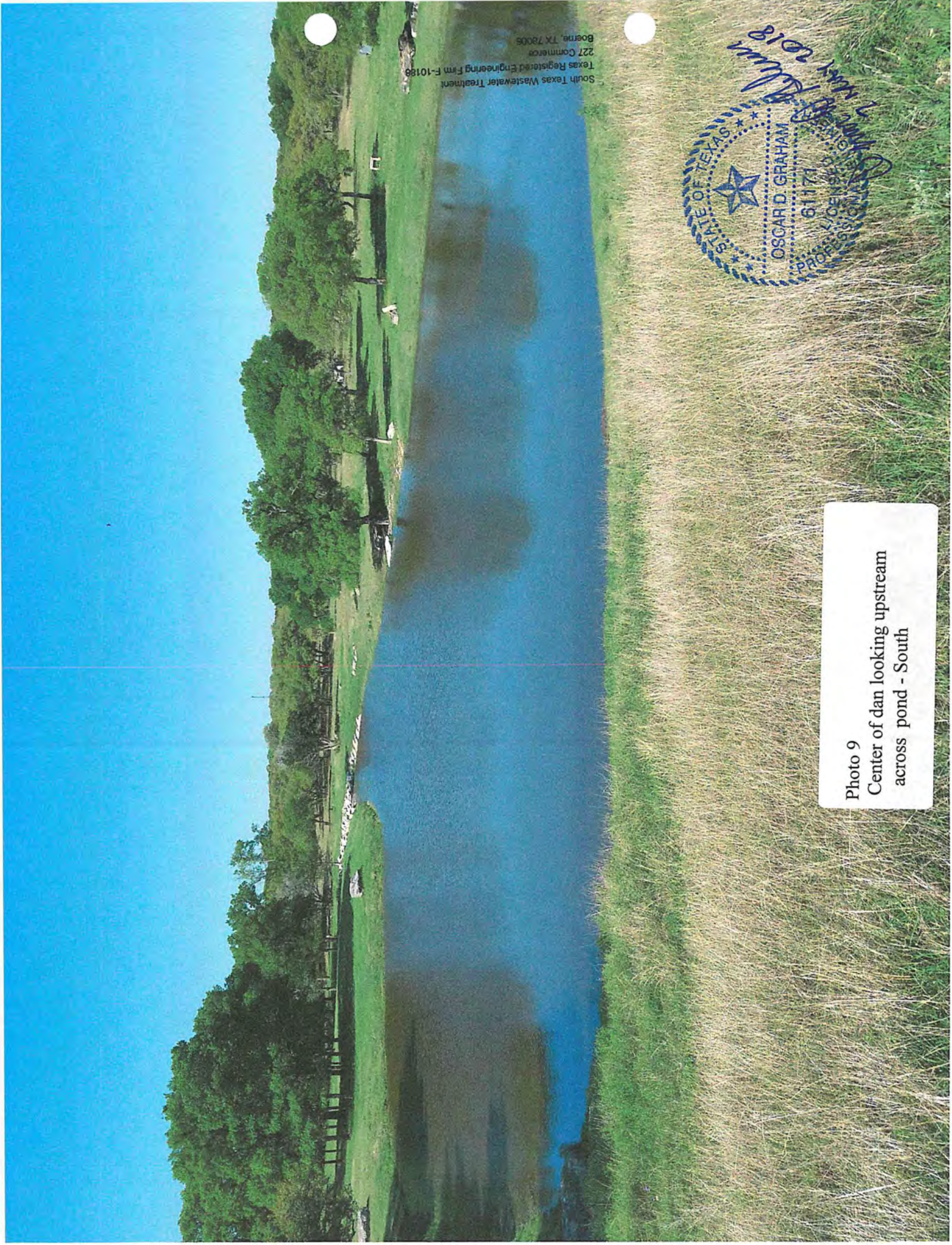


Photo 9
Center of dan looking upstream
across pond - South

7 May 2018
OSCAR D. GRAHAM
61171
PROFESSIONAL ENGINEER
STATE OF TEXAS

South Texas Wastewater Treatment
Texas Registered Engineering Firm F-10188
227 Commerce
Boerne, TX 78006



Photo 10
East edge of dam looking
downstream - North

South Texas Watershed Treatment
Company
Massachusetts Engineering Firm P-10188
June 19, 2006

LAKE CHARLES
171
D. J. [unclear]
[unclear]

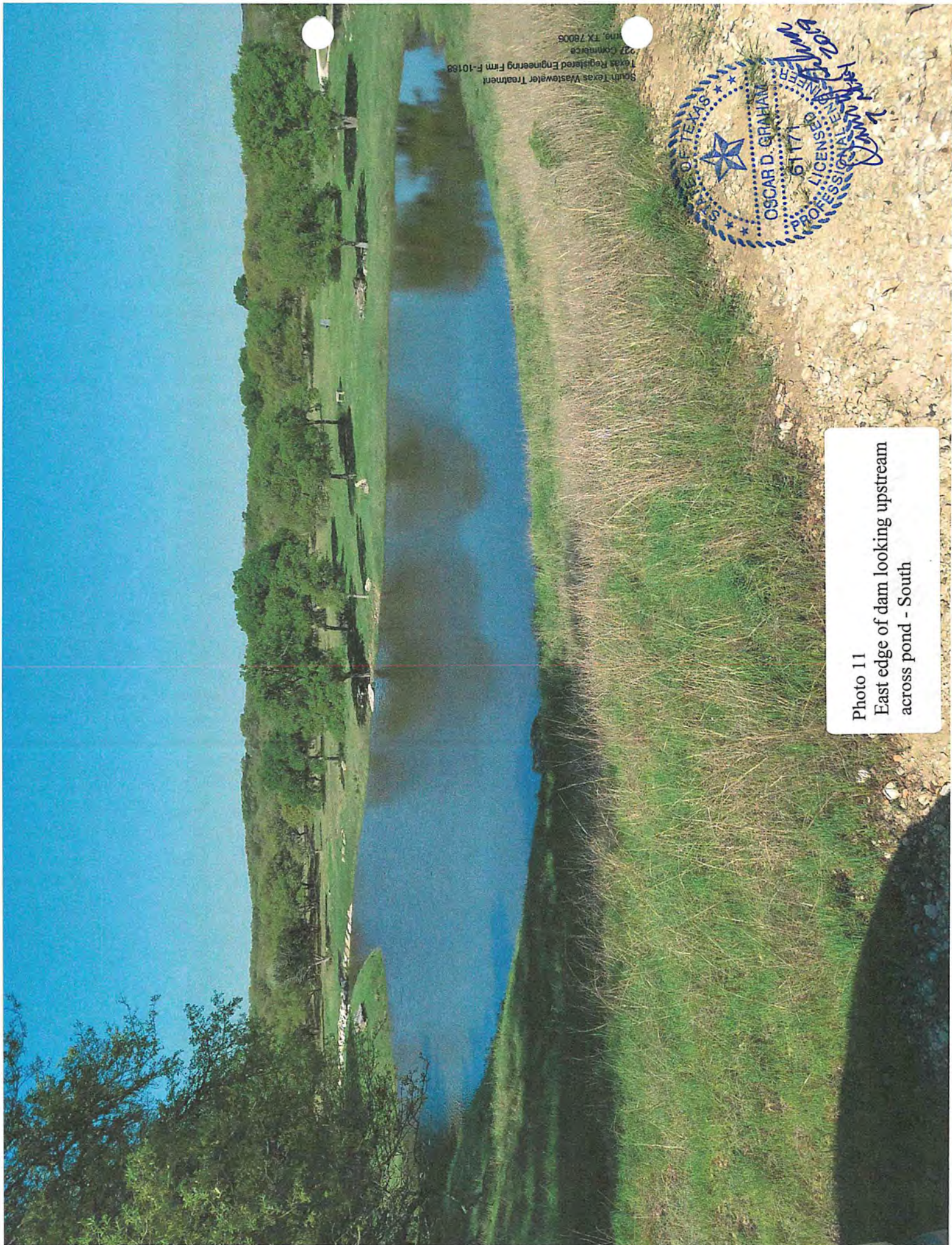


Photo 11
East edge of dam looking upstream
across pond - South



South Texas Wastewater Treatment
Texas Registered Engineering Firm F-10159
227 Commerce
Ave, TX 78006



South Texas Wastewater Treatment
Texas Registered Engineering Firm F-10188
227 Commerce
Boerne, TX 78006

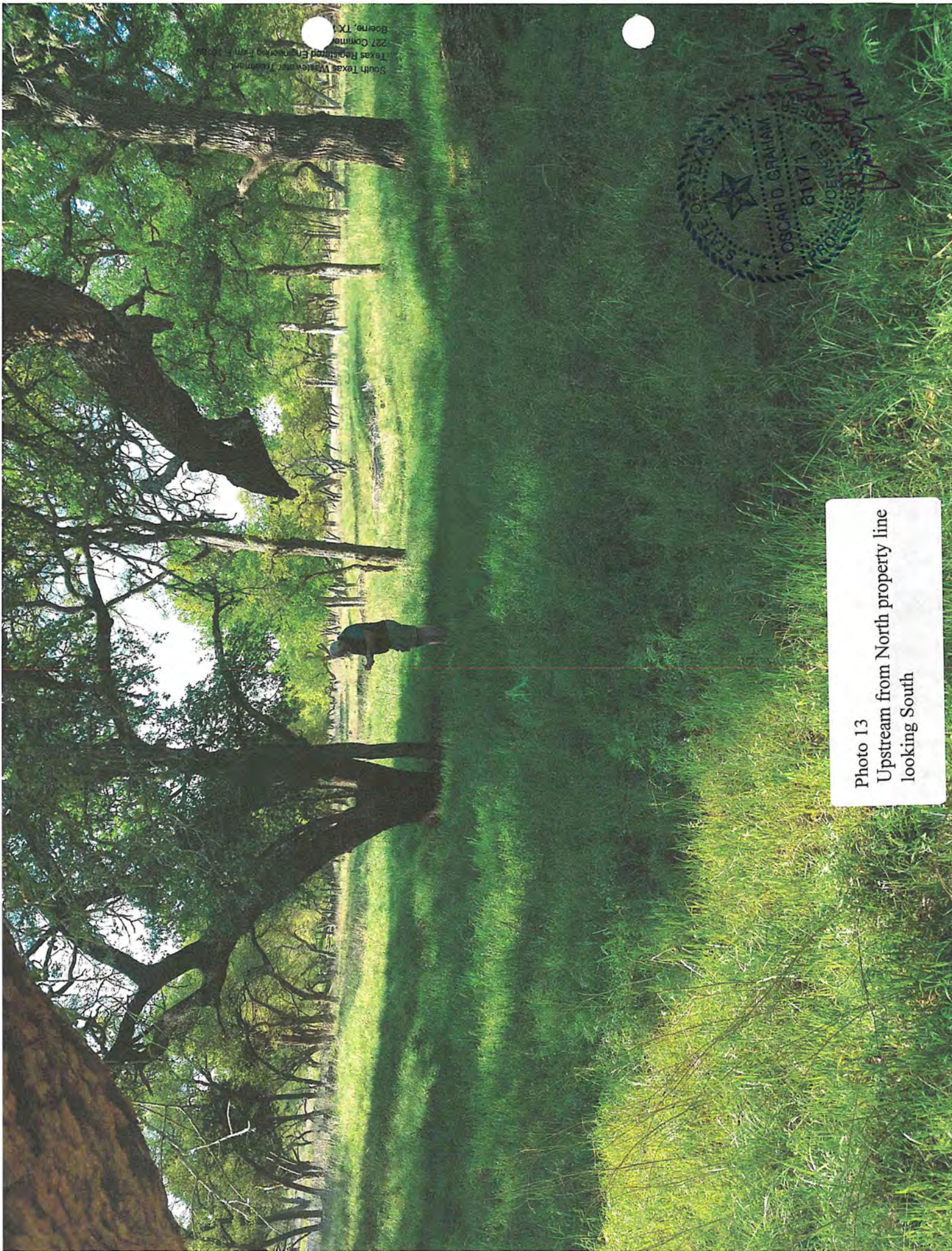
Photo 12
Discharge leaves property looking
downstream at North property line



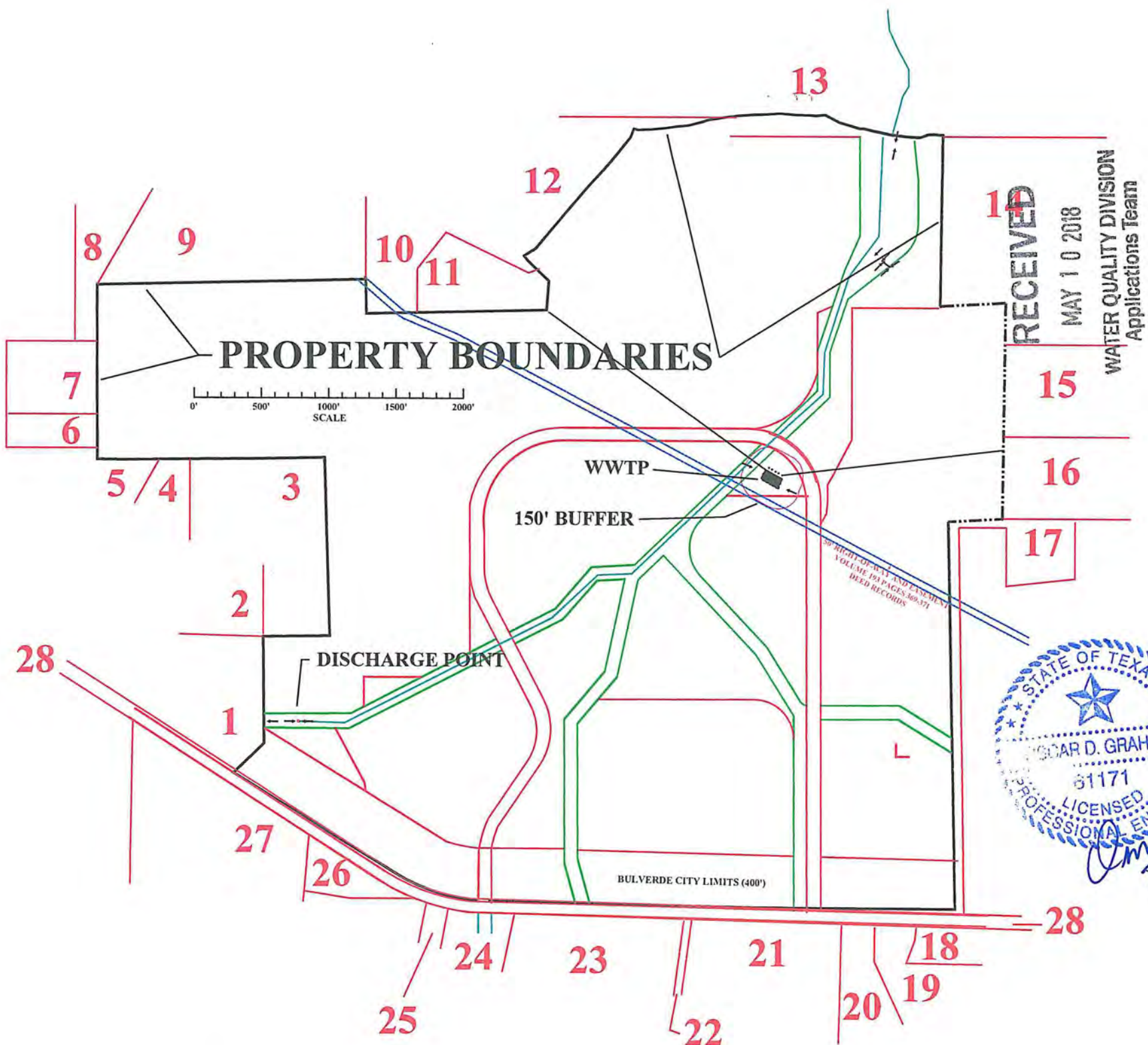
Photo 13
Upstream from North property line
looking South



South Texas Waterworks, Inc.
Texas Registered Engineering Firm
Boerne, TX



Neighbor Map.
DAR 1.1 Section 1.0 A.



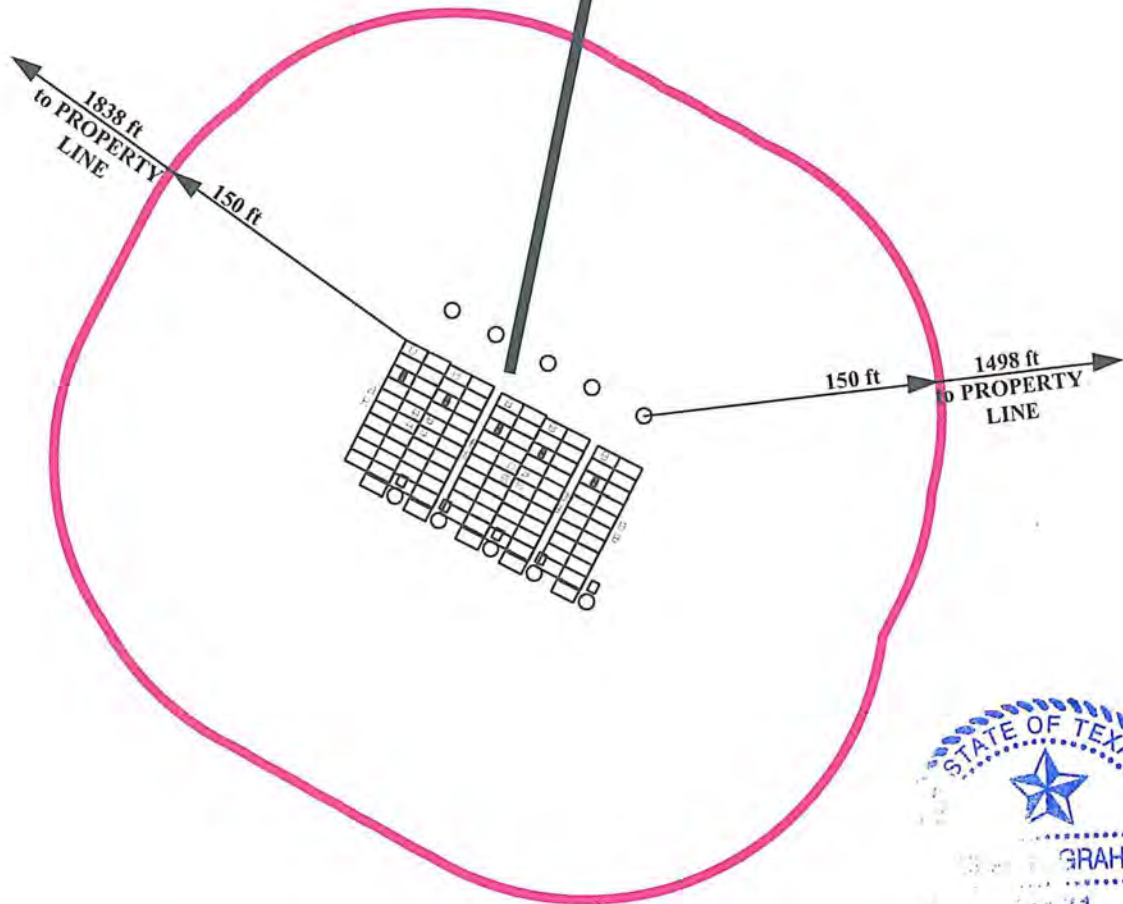
Honey Creek Ranch Subdivision - Neighbor list

Site N Name	Site Address	Mailing Address	City, State Zip
1 AGNES B ROCA & GREG T ELMENDORF	0 W HWY 46	PO BOX 4066	BERGHEIM TX 78004-4066
2 AGNES B ROCA & GREG T ELMENDORF	0 W HWY 46	PO BOX 4066	BERGHEIM TX 78004-4066
3 AGNES B ROCA & GREG T ELMENDORF	0 W HWY 46	PO BOX 4066	BERGHEIM TX 78004-4066
4 BOY WONDER LTD	W HWY 46	717 W ASHBY PL	SAN ANTONIO TX 78212-3808
5 KENNETH J MAHOFF	27388 W HWY 46 PARK RD 31	27450 ST HWY 46 W	SPRING BRANCH TX 78070-3618
6 MARY FRISENHAHN	SPRING BRANCH TX 78070 0 PARK RD 31	208 MAJESTIC GRV	SAN ANTONIO TX 78258-7724
7 MARY FRISENHAHN	SPRING BRANCH TX 78070 0 PARK RD 31	208 MAJESTIC GRV	SAN ANTONIO TX 78258-7724
8 OWNER #1 MARY FRISENHAHN	SPRING BRANCH TX 78070	208 MAJESTIC GRV	SAN ANTONIO TX 78258-7724
8 OWNER #2 ELEANOR L FRISENHAHN		1315 W HOLLYWOOD AVE	SAN ANTONIO TX 78201-4512
8 OWNER #3 FLORENCE F JASIAK		6817 E CALLE MARTE	TUSCON AZ 85710-5439
8 OWNER #4 GLADYS FRISENHAHN APPELT		1215 WARDEN ST	FT WORTH TX 76126-3527
	0 PARK RD 31		
9 OWNER #1 MARY FRISENHAHN	SPRING BRANCH TX 78070	208 MAJESTIC GRV	SAN ANTONIO TX 78258-7724
9 OWNER #2 ELEANOR L FRISENHAHN		1315 W HOLLYWOOD AVE	SAN ANTONIO TX 78201-4512
9 OWNER #3 FLORENCE F JASIAK		6817 E CALLE MARTE	TUCSON AZ 85710-5439
9 OWNER #4 GLADYS FRISENHAHN APPELT		1215 WARDEN ST	FT WORTH TX 76126-3527
10 ELEANOR L FRISENHAHN	0 PARK RD 31	1315 W HOLLYWOOD AVE	SAN ANTONIO TX 78201-4512
11 CURTIS N TURNER	874 PARK RD 31	874 PARK RD 31	SPRING BRANCH TX 78070-3625
12 CURTIS N TURNER	0 PARK RD 31 0 PARK RD 21	874 PARK RD 31	SPRAIN BRANCH TX 78070-3625
13 TEXAS PARKS & WILDLIFE	SPRING BRANCH TX 78070	4200 SMITH SCHOOL RD	AUSTIN TX 78744-3218
14 GEORGE R & SUSAN D WYATT	1615 W LIMESTONE LEDGE	1573 LIMESTONE LEDGE	SPRING BRANCH TX 78070-3632
15 GEORGE R & SUSAN D WYATT	1601 W LIMESTONE LEDGE	1573 LIMESTONE LEDGE	SPRING BRANCH TX 78070-3632
16 GEORGE R & SUSAN D WYATT	1587 W LIMESTONE LEDGE	1573 LIMESTONE LEDGE	SPRING BRANCH TX 78070-3632
17 DENNIS & JOANNE DAWSON	1 DOUBLE D LN	1 DOUBLE D LN	SPRING BRANCH TX 78070-3633
18 ARCHDIOCESE OF S A	25781 W HWY 46	25781 ST HWY 46 W	SPRING BRANCH TX 78070-3613
19 KATHRYN AGOLD CIOMPERLIK	W HWY 46	14435 N LUPON RD	ST HEDWIG TX 78153-9789
20 JAMES W AGOLD	HWY 46 W	104 H COGGINS LN	JONESBOROUGH TN 37659-6512
21 MAXINE AGOLD GERVIN	W HWY 46	530 INCA WAY	SALINAS CA 93906-2602
22 LAUBACH RUN			
23 JEANETTE AGOLD BLOUNT	26253 W ST HWY 46	26251 ST HWY 46 W	SPRING BRANCH TX 78070-3616
24 TWO SEVENTY SEVEN LIMITED		8023 VANTAGE DR, STE 1200	SAN ANTONIO TX 78230-4778
25 LOBO PARK			
26 SUSAN R SCHWARZ	0 W HWY 46	25340 BLANCO RD	BULVERDE TX 78163-1644
27 SUSAN R SCHWARZ	35240 BLANCO RD	35240 BLANCO RD	BULVERDE TX 78163-1644
28 HWY 46 W			

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WWTP



150 ft Buffer
Zone



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INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 50)

Complete this attachment if the facility applicant or co-applicant is an individual. Make additional copies of this attachment if both are individuals.

Prefix (Mr., Ms., Miss): N/A

Full legal name (first, middle, last):

Driver's License or State Identification Number:

Date of Birth:

Mailing Address:

City, State, and Zip Code:

Phone Number:

Fax Number:

E-mail Address:

CN:

**For Commission Use Only:**

Customer Number:

Regulated Entity Number:

Permit Number:

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
DOMESTIC WASTEWATER PERMIT APPLICATION

DOMESTIC TECHNICAL REPORT 1.0

The Following Is Required For All Applications
Renewal, New, And Amendment

Section 1. Permitted or Proposed Flows (Instructions Page 51)

A. Existing/Interim I Phase

Design Flow (MGD): 0.100

2-Hr Peak Flow (MGD): 0.200

Estimated construction start date: Feb 2019

Estimated waste disposal start date: May 2019

B. Interim II Phase

Design Flow (MGD): 0.300

2-Hr Peak Flow (MGD): 0.600

Estimated construction start date: Feb 2020

Estimated waste disposal start date: May 2020

C. Final Phase

Design Flow (MGD): 0.500

2-Hr Peak Flow (MGD): 1.0

Estimated construction start date: Feb 2021

Estimated waste disposal start date: May 2021

D. Current operating phase: none

Provide the startup date of the facility: N/A



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Section 2. Treatment Process (Instructions Page 51)

A. Treatment process description

Provide a detailed description of the treatment process. **Include the type of treatment plant, mode of operation, and all treatment units.** Start with the

SOUTH TEXAS WASTEWATER TREATMENT

Authorized JET Distributor - Home and Commercial - Engineering Services
P O Box 1284 Boerne, Texas 78006 * 830-249-8098 or 1-800-86 WASTE, www.stwastewater.com

Design Specifications

a) Plans & specs DTR 1.0.

Section 2.A

pg 1 of 5

3 May 2018

PLANS AND SPECIFICATIONS FOR A WASTEWATER TREATMENT SYSTEM DESIGN

DESCRIPTION OF APPLICATION

Applicant: Terry Urbanczyk, Ronald D Urbanczyk,
Silesia Properties, LP
Honey Creek Ranch
26226 St Hwy 46W,
Spring Branch, Texas 78070

Permit No. New



Regulated Activity: Domestic Wastewater Permit

Type of Application: New Permit

Authority: Texas Water Code §26.027; 30 TAC Chapters 217, 305, 309, 312, 319, and 325; and
Commission policies.

REASON FOR PROJECT

Owner of subject property is the Honey Creek Ranch Subdivision

PROJECT DESCRIPTION AND LOCATION

The Honey Creek Ranch Wastewater Treatment Facilities consist of a Moving Bed Biofilm Reactor (MBBR) media plant using the extended aeration mode. Treatment units include a collection system, sidehill screen pretreatment, pretreatment tanks, equalization tanks, aeration basin filled to a percentage with media, final clarifier, aerated sludge holding tank, a liquid chlorinator, chlorine contact chamber, a pump tank/lift station, any required filters, alum tanks(as required) and a forced main to carry the treated effluent to the discharge point.

Sludge generated from the treatment facility will be hauled by a registered hauler to the City of San Antonio Dos Rios Wastewater Treatment Plant, TPDES Permit No.10137-033 to be digested, de-watered and then disposed of with the bulk of the sludge from this plant accepting the sludge. This MMBR process is expected to generate only one tenth the amount of wasted sludge as the extended aeration activated sludge process.

The wastewater treatment facilities are located within the boundaries of the property where sewage is generated. The treated effluent for this facility is then discharged into a dry tributary and then into Honey Creek. The treatment plant is located on the West edge of the property of the proposed treatment facility. The treatment plant is located approximately 1.2 miles East of the intersection of Blanco Road and State Highway 46 in Comal County, Texas and 0.6 miles North of SH 46.

The disposal site is located in the drainage area of a dry tributary to Honey Creek - a dry creek. Discharge of pollutants into water in the State is authorized by this permit. The discharge point is

located approximately 0.42 miles Southeast of the intersection of Blanco Road and State Highway 46 in Comal County, Texas and 645 feet Northeast of SH 46.

PROPOSED PERMIT CONDITIONS

The permit to authorize the disposal of treated domestic wastewater effluent at a daily average flow not to exceed 0.100 MGD for the first phase. The effluent limitations proposed is based on a 30-day average, **are 5 mg/l BOD5, 5 mg/l TSS, 2 mg/l Ammonia Nitrogen, and 2.0 mg/l Dissolved Oxygen.**

PLANS AND SPECIFICATIONS

These Plans/Specification contain components of the design.

- Collection lines
- Pretreatment Tank
- Equalization Tank/Lift Station
- Jet 100,000 GPD Series 3000 MBBR Treatment Plant
- Pump Tank and Pumps
- Forced Main



Design Specifications:

- Estimated average daily wastewater flow: 100,000 GPD(see calculations)
- Estimated strength of the wastewater: 200 BOD after pretreatment
- Capacity required of this treatment plant: 100,000 GPD
- Estimated max. 2-hour flow: 200,000 GPD (equalization tank should remove peak flow)
- Chlorine contact chamber capacity: 1500 gallons
- Type of float switch: mercury float switch Myers Mod. PM15NO
- Equalization Tank Pump: two each Myers ME40-A 60 gallon per minute .4 HP pump(see attached pump curves) – Duplex operation
- Forced Main: 2 ea 4" SDR11 HDPE pipe

Pump controls must have NEMA (National Manufacturing Association) approval.
A PVC union shall be placed above each pump to allow for easy pump removal.

Pre-Treatment Tanks

The pretreatment tank shall have a capacity of 4,200 gallons (two compartment) of raw sewage to the flow line. The purpose of this tank is designed to remove grease and/or hard to digest solids. These tanks shall be followed by a Sidehill screen and equalization tank.

Equalization Tank/Lift Station

The equalization tank shall be provided with two effluent pumps on a duplex controller with the required warning circuits(both audible and visual). These pumps are designed to lift the effluent from equalization to the extended aeration media treatment plant evenly over a 24 hour period removing peak flows from the treatment plant. This tank shall be sized to hold 6,300 gallons which will even out the expected peak flows during any 24 hour period.

Duplex Controller for Equalization Pumps

The controller shall have the following features:

- a) Operate duplex with manual override.
- b) Operation controlled by three float switches.
- c) Warning activated when lag pump is turned on by controller.
- d) Warning activation shall be latched on and must be manually reset.

Computer Modeling will be required to determine:

Aeration Chamber: Loading-_____ lbs. BOD/day/1000 cu ft

Clarifier:

Maximum surface loading @ design flow-_____ gal/day/sq ft

Minimum detention time @ design flow-_____ hours

Design Parameters:

Design Flow: 100,000 gpd - 0.100 MGD

Peak Flow: 100,000 gpd - 0.100 MGD

BOD: 200 mg/L

Package Plant aeration chamber: _____ cu ft

Package Plant clarifier: capacity _____ gallons; surface area-_____ sq ft



Jet 100,000 GPD Series 3000 Treatment Plant.

(See separate attachment for specifications)

Calculations:

Aeration Chamber:

Loading: $\text{MGD} \times 8.34 \times \text{mg/L} = 0.100 \times 8.34 \times 200 = 167 \text{ lbs BOD/day}$

Aeration tank loading: $167 \times 1000 / \text{_____} = \text{_____} \text{ lbs BOD/day/1000 cu ft}$

Clarifier:

Design Surface loading @ peak: $100,000 \text{ gpd} / 150 \text{ sq ft} = 667 \text{ gpd/sq ft}$

Design Surface loading @ design: $100,000 \text{ gpd} / 150 \text{ sq ft} = 667 \text{ gpd/sq ft}$

Design Detention Time @ peak: _____ gal/ 100,000 g/d/24 hrs/d= _____ hrs

Design Detention Time @ design: _____ gal/100,000 g/d/24 hrs/d= _____ hrs

Clarifier shall be equipped with mechanical scrapers

Design Flow Calculations:

This new subdivision is expected to contain a total of 2347 lots. Each lot is expected to produce an average of 240 gpd of domestic sewage. Current plan is to obtain a reuse permit for Type I water with the necessary forced mains to redistribute this treated effluent back to each home with properly designed reuse water meters to make reuse water available for landscape irrigation by each home. The return forced mains shall be integrated with the collection system design. The current development projection is to deliver 210 lots per year. At this rate, by the end of the second year phase two will be needed.

Excavation for WWTP including equalization tank.

Excavation requirements including pad—length 30.0 ft; width 15.0 ft; depth(center of discharge to pad) 11 ft 6 in; depth (center of discharge to top) 1 ft 8 in. Top of treatment plant should be installed a minimum of one foot above the 100 year flood plain. A berm is recommended to transition from top of tanks to grade. This plant is not considered to be in the 100 yr flood plain.

Pad Dimensions: length 28 ft 2 in.; width 13 ft 4 in; depth 6 in. Steel reinforced. Pad shall be placed on undisturbed soil or placed on a sand fill.

Operation: Treated effluent from treatment plant shall chlorinated utilizing liquid chlorination and collected in a 1,500 gallon chlorine contact chamber. The treated effluent will then be collected in a 2800 gallon pump tank with duplex pumps. These pumps will lift the treated effluent through duplex Hurricane model 170 filters through two 4" forced mains to the discharge point or diverted into above the ground fiberglass storage tanks for Type I reuse. Two separate water meter devices shall be used to measure treated effluent that is being discharged and or effluent being reused.

Chlorinator and Chlorine Contact Chamber

A Blue-White Star System liquid chlorinator has been selected for distributing liquid chlorine to the treated effluent gravity flowing from this WWTP. The chlorinated effluent shall be collected into a 1500 gallon contact chamber where a minimum of a 20 minute contact time may be accomplished. It is anticipated that the chlorine pumps will be synchronized with the equalization pumps to provide the correct amount of chlorination needed

Effluent Pump Tank

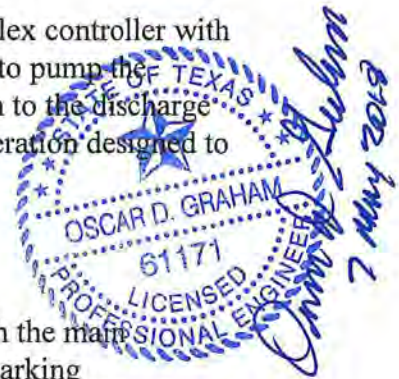
The effluent pump tank shall be provided with two effluent pumps on a duplex controller with the required warning circuits(both audible and visual). These pumps are designed to pump the effluent from storage tank via two 4 inch SDR 21 PVC (gasketed joint) forced main to the discharge point. A duplex controller shall be provided to control these pumps in a duplex operation designed to place treated effluent to discharge point.

Pipe and fittings

All pipes and fittings in the collection system shall be schedule 40 PVC with the main gravity lines being 6 inch SDR 35 gasketed PVC and have the NSF or equivalent marking showing approval. Any joints shall be sealed with an approved solvent-type PVC cement. The forced main shall be 2 each 4 inch in diameter SDR 21 PVC (gasketed) or SDR 21 HDPE (welded joint) pipe.

Provisions for Emergencies

An audio/visual alarm consisting of a red flashing light, horn and associated float switch that will indicate when any pump fails shall be installed in the pump tank. All pumps shall operate duplex with a single pump having the capacity to maintain adequate flow either from the equalization tank or from the lift station even at peak flows through the treatment plant. A stand-by portable generator shall be provided capable of supplying power to pumps and blowers for this small plant in the rare event that power is lost for more than 30 minutes. Should power be lost for over two hours the school would be closed. The equalization tank is capable of storing one half of a day water usage gravity flow without the requirement for any pumps or controls.





This system designed by:

South Texas Wastewater Treatment
Oscar D Graham, professional Engineer
Registration Number 61171, State of Texas
PO Box 1284, Boerne, Texas

Oscar D. Graham

Oscar D Graham, PE

7 May 2018

Date

Attachments:

a. Drawings:

- A. Site drawing
- B. Flow diagram
- C. Jet 3000 series 100,000 GPD plant MBBR aeration package plant

b. Plant Specifications

Attachment No.

Honey Creek Subdivision WWTP

Permit No. New

3 May 2018

JET COMMERCIAL WASTEWATER TREATMENT PLANT
100,000 GALLONS PER DAY
SPECIFICATION -- 3000 SERIES

SUBMITTED BY: Oscar D Graham, PE
South Texas Wastewater Treatment
P. O. Box 1284
Boerne, Texas 78006
830-249-8098

GENERAL

A computer model by the manufacturer will be required to fill in the blanks on this plant specification:



COMMERCIAL WASTEWATER TREATMENT PLANTS SPECIFICATIONS - 3000 SERIES

RECOMMENDATIONS

FOR _____

LOCATION _____

SUBMITTED BY _____

GENERAL

One complete Jet Model JCP-3000- _____
Extended Aeration Wastewater Treatment Plant, as shown
in Jet Drawing No. JCP- _____.

The plant is designed to treat _____ gallons
of wastewater per day with an average 5-day B.O.D. of 300
PPM. The basic plant consists of aeration and final settling
tanks constructed of precast concrete with a compression
strength of 5,000 PSI and adequate reinforcing to meet ACI
standard 318-71. The plant package includes blower(s),
motor(s), equipment housing(s), all necessary electrical
components and controls, air lift sludge return pump(s) and
piping, aeration piping, all other necessary internal piping,
valves and fittings, diffusers, baffles, transfer pipes and
adjustable V-notch effluent weir(s). Optional equipment may
also be specified.

MBBR AERATION CHAMBER(S)

The plant is designed for an average daily loading of _____
pounds of applied B.O.D. The Aeration Chamber has a
design capacity of _____ cubic feet
to provide for 12-hour retention of waste and at least
30 cubic feet capacity per pound of B.O.D. The tank
design insures effective mixing and utilization of air,
while preventing deposition of solids and short
circuiting. A minimum of _____ cubic feet of
air per day is required in order to provide the larger of
2,600 cubic feet of air per pound of B.O.D. or 3 CFM per
foot of tank length. The treatment plant provides _____
cubic feet of air per day or _____ CFM at
_____ PSI to meet this air requirement, as well as
supply any air needed for air lift pumps.

Air headers and drop pipes are Schedule 40 galvanized pipe
with galvanized malleable iron fittings. Each diffuser drop
pipe assembly has a control valve and disconnection union
to permit adjustment of air flow and removal of the
assembly for service, without disturbing the plant.

- 1) 20 m3 of MBBR media at 550 m2/m3
- 2) Stainless steel media retention cylindrical screens

Each diffuser bar assembly is equipped with Jet non-clog
AIR-SEAL Diffusers® which use a trapped bubble of air to
isolate and protect the diffuser from contact with
wastewater even during shut-off periods.

Diffusers insure uniform bubble distribution and mixing
over entire length of aeration chamber.

FINAL SETTLING CHAMBER(S)

The final settling chamber(s) is constructed with hopper
walls sloped 60° to the horizontal with a bottom measuring
one square foot in each hopper. The settling volume of
_____ gallons, which includes the upper third of the
hopper, provides a minimum detention time of four hours.

A surface settling rate of _____ gallons per day
per square foot is provided. Inlet and outlet baffles are
included to prevent short circuiting and keep floating solids
from the effluent weir.

Settled sludge is returned to aeration by air lift pumps
installed in each hopper. The air lift pumps are
capable of exceeding the plant's total daily flow and
each pump is controlled by an adjustable valve. An
adjustable non-corrosive, V-notch effluent weir provides
one linear foot of skimming surface for each
_____ gallons of flow per day.

EQUIPMENT

BLOWER(S)

Roots Connersville URAI positive displacement rotary
blowers, or equivalent, are provided. The blower(s) are
powered by an electric motor and V-belt drive system
within manufacturer's recommended speeds for maximum
life. The blower intake is equipped with an air filter and the
discharge piping includes a pressure relief valve and a
flexible coupling.

FILTER-SILENCER

Provides protection against foreign material and permits
quiet operation of plant. Has an oil-wetted element which
can be cleaned and reused.

MOTOR(S)

Each blower is powered by a _____ HP, _____
Phase, _____ HZ, _____ Volt, ball bearing, drip-
proof electric motor. The motor is mounted on an adjustable
base. (Motor shall not be loaded beyond the nameplate
rating.)

NOTE: Unless otherwise specified each motor shall be 230-
Volt, Single-Phase, 60-HZ.

ELECTRICAL CONTROLS, WIRING, AND EQUIPMENT HOUSING(S)

All electrical control equipment is prewired at factory.
All switches and controls are clearly identified. A wiring
diagram is furnished. A running test of all mechanical and
electrical equipment is made prior to shipment to insure that
all components operate properly. A fiberglass weatherproof
equipment housing is provided to house motor(s), blower(s).
A separate weatherproof sheet metal enclosure, equivalent
to NEMA 3R rating, with a minimum of two coats of weather
resistant paint houses all electrical controls. Both enclosures
are equipped with master-keyed padlocks.

24-HOUR TIME CLOCK

Allows automatic cycling of the motor(s) and blower(s). Clock is preset at factory to operate equipment for 15 minutes out of every half hour. Clock is adjustable, so that other time cycles may be selected. A toggle switch is included so that motor(s) and blower(s) may be run manually.

DISCONNECTION UNIONS FOR SLUDGE LIFT PUMPS

To facilitate installation and removal of sludge lift pumps for servicing.

SLUDGE RETURN GATE VALVES

Located in each sludge return line to facilitate back washing procedure on 10,000 gpd plants or larger. Gate valves are constructed of bronze with non-rising stems.

SURFACE SKIMMER

An air lift surface skimmer with adjustable PVC intake fitting and adjustment/shut-off valve. Made from Schedule 40 galvanized pipe with galvanized malleable iron fittings. Returns floating particles in final settling chamber back to aeration for further treatment.

GRATING

Heavy duty, electro-forged, steel-bar grating consisting of 1-1/4" x 1/8" bar members on 1-3/16" centers, protected with galvanized plating. Grating deflection shall not exceed 1/4" under a distributed load of 100 pounds per square foot. Grating is hinged and secured with master-keyed padlocks.

SQUEEGEE

For routine plant maintenance, such as scraping down walls in final settling chamber.

BLOWER GREASE GUN

Filled with grease recommended for blower. Additional refills are available from Jet.

OPTIONAL EQUIPMENT

To meet special situations and possible future needs, Jet Inc. offers the following optional equipment engineered for your wastewater treatment system. Check block where applicable.

☐ **PRETREATMENT**

The pretreatment chamber or tank provides primary treatment of incoming wastewater and prevents coarse solids from entering Aeration Chamber. It is sized to meet local requirements and properly baffled to prevent short circuiting. A pretreatment chamber is standard on all 1,500 gallon plants.

☐ **FLOW EQUALIZATION**

The flow equalization chamber is designed to buffer the flow rate of materials entering the treatment system. Time dose pumps maintain a steady delivery rate to the system even through periods of peak flow. Flow equalization tanks are available as anaerobic chambers or with air diffuser for aeration and mixing.

☐ **4" COMMINUTOR**

Includes a combination mounting frame/grout box, inlet overflow trough, fixed bar screen with overflow, lockable weatherproof control box with mounting post and a lockable comminutor chamber cover, all designed for use in a Jet Comminutor Casting.

Comminutor is powered by a 1/4 HP, motor controlled and protected by a magnetic starter with an overload relay. One stationary and four rotating one-piece hardened stainless steel cutters shred solids in the wastewater to a size which will pass through 1/4" slots in the rotating screen. Comminutor is capable of passing flows up to 60,000 gallons per day.

☐ **7" COMMINUTOR**

Includes a weatherproof lockable control box and magnetic starter with overload relay. Comminutor is powered by a 1/3 HP motor. Hardened stainless steel cutters shred any solids to a size which will pass through 1/4" slots in the rotating screen. Comminutor is capable of passing flows up to 450,000 gallons per day. Inlet of comminutor comes with an 8" flanged connection; an optional discharge elbow with a similar connection is available for in-line installations.

☐ **REMOVABLE BASKET SCREEN**

Designed to mount at inlet to plant with mounting frame supplied. Catches all solids which will not fit through a 1" square opening. Easily removable for emptying and cleaning. Can only be used on plants 4,000 GPD or larger.

☐ **FIXED BAR SCREEN**

Has 1" bar spacing with a built-in overflow in case bar screen becomes plugged. Designed for installation in a Jet Comminutor Casting, but can be modified for other installations.

WIRING (OPTIONAL)

☐ **230-VOLT, THREE-PHASE, 60HZ**

☐ **440-VOLT, THREE-PHASE, 60HZ**

OTHER: _____

☐ **115-VOLT RECEPTACLE**

☐ **230-VOLT RECEPTACLE**

To permit use of small power tools, trouble lights, etc., during maintenance of plant. Outlets are on individual circuits with 6 amp breakers. A transformer is provided for 115-volt eliminating the need for a separate 115-volt line.

☐ **STAND-BY EQUIPMENT PACKAGE**

Duplicate motor/blower unit capable of meeting air requirements of entire plant. On small plants, both motor/blower units are installed in same equipment housing. On large plants, a second equipment housing is supplied. Both blowers have check valves on their outlets to prevent air from escaping through the non-operating blower. Alternation from main equipment to stand-by is done automatically after each cycle.

☐ **FOAM CONTROL SYSTEM**

Pumps clarified liquid from settling chamber through non-clog spray nozzles into Aeration Chamber to control foaming. Spray pump is a ____ HP submersible pump. System includes a wash-water outlet to permit hosing down plant, as well as other routine maintenance.

☐ **INLET SILENCERS**

To reduce operating noise in areas where strict noise control is necessary

☐ **7-DAY TIME CLOCK**

Enables plants already equipped with a 24-hour clock to run different time cycles on specified days of the week.

☐ **AERATED SLUDGE HOLDING**

Precast concrete aerated sludge tank(s) with all piping, valves, fittings, and necessary diffusers. Holding capacity is sized to meet local requirements. An overflow is provided should liquid level raise more than 4" above normal. Sludge is pumped by air lift pumps from final settling. Valves divert sludge to sludge holding.

☐ **TABLET FEEDER(S)**

☐ **JET-CHLOR® Wastewater Disinfectant System**

Model 108 ☐ Model 110 ☐ Model 120 ☐

☐ **CHLOR-AWAY® Dechlorination System**

Model 108 ☐ Model 110 ☐ Model 120 ☐

Three Jet Tablet Feeders are available for treatment of flows up to 100,000 gallons per day. These tablet feeders work by gravity alone and can be easily installed directly in the ground on the discharge line or on the inlet or a detention chamber, these feeders use no electricity and have no moving parts. Product dosage is automatically adjusted in proportion to the flow. On the larger two models the weir plates are calibrated in both Metric and English and enable the user to tell the flow rate at a glance. See "JET-CHLOR® Wastewater Disinfectant Systems" brochure or "CHLOR-AWAY® Dechlorination Systems" brochure for complete specifications on all models.

☐ **CHLORINE CONTACT CHAMBER GRATING**

(See Grating - page 2)

☐ **FLOW MEASURING WEIR**

A V-notch flow measuring weir with a J-hook measuring rod and a calibrated scale to read flow through plant. It is sized according to plant size. Flow measuring weir is installed on outlet of chlorine contact chamber.

WORKMANSHIP AND EXPERIENCE

All plant equipment is the product of a manufacturer with over 50 years experience in design and manufacturing of wastewater treatment equipment. Final installation of the plant and its components is performed under the supervision of a local licensed Jet Distributor.

1-YEAR LIMITED WARRANTY

Jet Inc. warrants all new Commercial Plant components supplied by Jet against defective materials and workmanship, under normal service for one year commencing upon date of shipment from the factory.

To make a claim under this warranty you should notify your Jet Distributor or notify Jet Inc., Customer Service Department, 750 Alpha Drive, Cleveland, Ohio 44143.

If a component or part is proven defective during this warranty period, it will be repaired or replaced without cost to the owner. Jet shall have the option to require the defective part be returned, freight prepaid, for evaluation at the factory before allowing a claim.

This warranty does not cover Commercial Plant components or parts that have been (I) damaged due to disassembly by unauthorized persons, improper installation, misuse, or lightning, (II) subjected to external damage, (III) damaged due to improper or altered wiring, or overload protection, or (IV) damaged by failure to follow the suggestions outlined in the Operators Manual. Items normally consumed in service such as fuses, V-belts, grease and oil are not warranted. This warranty applies only to the Jet Commercial Plant components supplied by Jet Inc. and does not include any of the wiring, plumbing, drainage, or any other part of the disposal system.

JET INC. SHALL NOT BE HELD RESPONSIBLE FOR ANY DAMAGES CAUSED BY DEFECTIVE COMPONENTS OR MATERIALS, OR FOR LOSS INCURRED BECAUSE OF THE INTERRUPTION OF SERVICE, OR ANY OTHER SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES OR EXPENSES ARISING FROM THE MANUFACTURE, SALE, USE OR MISUSE OF THE COMMERCIAL TREATMENT PLANT. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ANY WARRANTY IMPLIED BY LAW, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS IS IN EFFECT ONLY FOR THE ONE YEAR WARRANTY PERIOD SPECIFIED ABOVE. (SOME STATES DO NOT ALLOW EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR ALLOW LIMITATIONS OF HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.)

Jet Inc. reserves the right to revise, change, or modify the construction and design of the Jet Commercial Plant components or any component part or parts thereof supplied by Jet without incurring any obligation to make such changes or modifications in present equipment. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SERVICE

A service policy for the plant is provided for the first year at no charge. All work is performed by a local licensed Jet Distributor. This policy includes all necessary start-up service, periodic inspections, and adjustments. After the first year, this service is renewable at a reasonable charge.

plant's head works and finish with the point of discharge. Include all sludge processing and drying units. **If more than one phase exists or is proposed in the permit, a description of *each phase* must be provided.** Process description:

Moving Bed Bio-Reactor Treatment process
see attachment DTR 1.0 2.A



Port or pipe diameter at the discharge point, in inches: 2 ea 3" FM

B. Treatment Units

In Table 1.0(1), provide the treatment unit type, the number of units, and dimensions (length, width, depth) of **each treatment unit, accounting for all phases of operation.**

Table 1.0(1) – Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Side Hill Screen	2	.06" slot - SH24
Flow Equalization	5	6' x 12' x 13'
Aerated Sludge Holding	1	6' x 12' x 13'
MBBR Chambers (60% fill)	8	6' x 12' x 13'
Activated Sludge Aerator	2	6' x 12' x 13'
Clarifiers	4	6' x 12' x 13'
Chlorine Contact Chamber	1	6' x 12' x 5'

C. Process flow diagrams

Provide flow diagrams for the existing facilities and **each** proposed phase of construction.

Attachment: DTR 1.0 2.C

Section 3. Site Drawing (Instructions Page 52)

Provide a site drawing for the facility that shows the following:



Flow Diagram for Wastewater Treatment Plant

EQ = EQUALIZATION TANK

SHS = SIDEHILL SCREEN

ASH = AERATED SLUDGE HOLDING

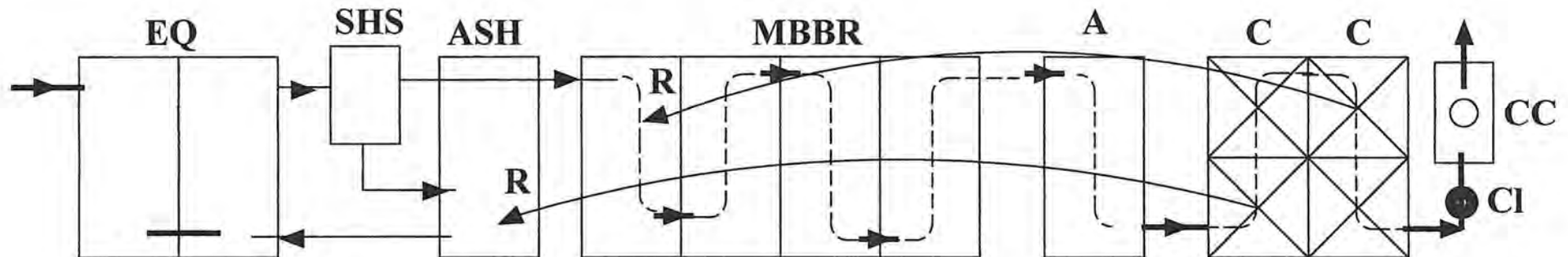
MBBR = MOVING BED BIOREACTOR CHAMBERS

A = AERATION CHAMBER

C = CLARIFIER

CI = CHLORINATOR

CC = CHLORINE CONTACT CHAMBER



- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding ponds; and
- If sludge disposal is authorized in the permit, the boundaries of the land application or disposal site.

Attachment: DTR 1.0. Section 3 - pg 1 and pg 2

Provide the name and a description of the area served by the treatment facility.

Honey Creek Ranch Subdivision

Section 4. Unbuilt Phases (Instructions Page 52)

Is the application for a renewal of a permit that contains an unbuilt phase or phases?

Yes ☐

No ☒

If yes, does the existing permit contain a phase that has not been constructed within five years of being authorized by the TCEQ?

Yes ☐

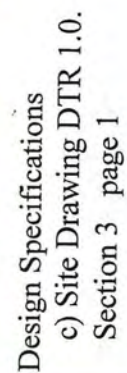
No ☐

If yes, provide a detailed discussion regarding the continued need for the unbuilt phase. Failure to provide sufficient justification may result in the Executive Director recommending denial of the unbuilt phase or phases.



Section 5. Closure Plans (Instructions Page 53)

Have any treatment units been taken out of service permanently, or will any units be taken out of service in the next five years?



South Texas Wastewater Treatment
Texas Registered Engineering Firm F-10188
227 Commerce
Boerne, TX 78006

3301

50'

3300

1 mi.

3299

1/2 mi.

6243 / SE
(BERGHEIM)

46

1
22

South Texas Wastewater Treatment
Texas Registered Engineering Firm F-10188
227 Commerce
Boerne, TX 78006



Design Specification
c) Site Drawing DTR 1.0.
Section 3 page 2

Farmers
Hall

Water Tank

Yes ☐ No ☒

If yes, was a closure plan submitted to the TCEQ?

Yes ☐ No ☐

If yes, provide a brief description of the closure and the date of plan approval.

N/A

Section 6. Permit Specific Requirements (Instructions Page 53)

For applicants with an existing permit, check the *Other Requirements* or *Special Provisions* of the permit.

A. Summary transmittal N/A

Have plans and specifications been approved for the existing facilities and each proposed phase?

Yes ☐ No ☐

If yes, provide the date(s) of approval for each phase:

Provide information, including dates, on any actions taken to meet a requirement or provision pertaining to the submission of a summary transmittal letter. Provide a copy of an approval letter from the TCEQ, if applicable.

N/A

B. Buffer zones N/A

Have the buffer zone requirements been met?

Yes ☐ No ☐

Provide information below, including dates, on any actions taken to meet the conditions of the buffer zone. If available, provide any new documentation relevant to maintaining the buffer zones.



C. Other actions required by the current permit

Does the *Other Requirements* or *Special Provisions* section in the existing permit require submission of any other information or other required actions? Examples include Notification of Completion, progress reports, soil monitoring data, etc.

Yes ☐ No ☐ N/A

If **yes**, provide information below on the status of any actions taken to meet the conditions of an *Other Requirement* or *Special Provision*.



D. Grit and grease treatment

1. Acceptance of grit and grease waste

Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?

Yes ☐ No ☐ N/A

If **No**, stop here and continue with Subsection E. Stormwater Management.

2. Grit and grease processing

Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility.

N/A

3. Grit disposal *N/A*

Does the facility have a Municipal Solid Waste (MSW) registration or permit for grit disposal?

Yes ☐ No ☐

If No, contact the TCEQ Municipal Solid Waste team at 512-239-0000. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.

Describe the method of grit disposal.

4. Grease and decanted liquid disposal *N/A*

Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-0000.

Describe how the decant and grease are treated and disposed of after grit separation.



E. Stormwater management

1. Applicability *N/A*

Does the facility have a design flow of 1.0 MGD or greater in any phase?

Yes ☐ No ☐

Does the facility have an approved pretreatment program, under 40 CFR Part 403?

Yes ☐ No ☐

If no to both of the above, then skip to Subsection F, Other Wastes Received.

2. MSGP coverage *N/A*

Is the stormwater runoff from the WWTP and dedicated lands for sewage disposal currently permitted under the TPDES Multi-Sector General Permit (MSGP), TXR050000?

Yes ☐ No ☐

If yes, please provide MSGP Authorization Number and skip to Subsection F, Other Wastes Received:

TXR05 _____ or TXRNE _____

If no, do you intend to seek coverage under TXR050000?

Yes ☐ No ☐

3. Conditional exclusion *N/A*

Alternatively, do you intend to apply for a conditional exclusion from permitting based TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector General Permit) Part V, Sector T 3(b)?

Yes ☐ No ☐

If yes, please explain below then proceed to Subsection F, Other Wastes Received:



4. Existing coverage in individual permit *N/A*

Is your stormwater discharge currently permitted through this individual TPDES or TLAP permit?

Yes ☐ No ☐

If yes, provide a description of stormwater runoff management practices at the site that are authorized in the wastewater permit then skip to Subsection F, Other Wastes Received.

5. Zero stormwater discharge *N/A*

Do you intend to have no discharge of stormwater via use of evaporation or other means?

Yes ☐ No ☐

If yes, explain below then skip to Subsection F. Other Wastes Received.

Note: If there is a potential to discharge any stormwater to surface water in the state as the result of any storm event, then permit coverage is required under the MSGP or an individual discharge permit. This requirement applies to all areas of facilities with treatment plants or systems that treat, store, recycle, or reclaim domestic sewage, wastewater or sewage sludge (including dedicated lands for sewage sludge disposal located within the onsite property boundaries) that meet the applicability criteria of above. You have the option of obtaining coverage under the MSGP for direct discharges, (recommended), or obtaining coverage under this individual permit.

6. Request for coverage in individual permit *n/a*

Are you requesting coverage of stormwater discharges associated with your treatment plant under this individual permit?

Yes ☐ No ☐

If yes, provide a description of stormwater runoff management practices at the site for which you are requesting authorization in this individual wastewater permit and describe whether you intend to comingle this discharge with your treated effluent or discharge it via a separate dedicated stormwater outfall. Please also indicate if you intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.



Note: Direct stormwater discharges to waters in the state authorized through this individual permit will require the development and implementation of a stormwater pollution prevention plan (SWPPP) and will be subject to additional monitoring and reporting requirements. Indirect discharges of stormwater via headworks recycling will require compliance with all individual permit requirements including 2-hour peak flow limitations. All stormwater discharge authorization requests will require additional information during the technical review of your application.

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

Yes ☐ No ☐

If yes, a Sewage Sludge Solids Management Plan is required. See Example 5 in the instructions.

G. Other wastes received including sludge from other WWTPs and septic waste

1. Acceptance of sludge from other WWTPs

Does the facility accept or will it accept sludge from other treatment plants at the facility site?

Yes ☐ No ☐

If yes, attach sewage sludge solids management plan. See Example 5 of the instructions.

In addition, provide the date that the plant started accepting sludge or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the sludge, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.

2. Acceptance of septic waste W/P

Is the facility accepting or will it accept septic waste?

Yes ☐ No ☐

If yes, does the facility have a Type V processing unit?

Yes ☐ No ☐

If yes, does the unit have a Municipal Solid Waste permit?

Yes ☐ No ☐

If yes to any of the above, provide a the date that the plant started accepting septic waste, or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the septic waste, and the design BOD₅ concentration of the influent from the collection system. Also note if



this information has or has not changed since the last permit action.

Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.

3. Acceptance of other wastes (not including septic, grease, grit, or RCRA, CERCLA or as discharged by IUs listed in Worksheet 6)

Is the facility accepting or will it accept wastes that are not domestic in nature excluding the categories listed above?

Yes ☐ No ☒

If yes, provide the date that the plant started accepting the waste, an estimate how much waste is accepted on a monthly basis (gallons or millions of gallons), a description of the entities generating the waste, and any distinguishing chemical or other physical characteristic of the waste. Also note if this information has or has not changed since the last permit action.

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 58)

Is the facility in operation?

Yes ☐ No ☒

If no, this section is not applicable. Proceed to Section 8.

If yes, provide effluent analysis data for the listed pollutants. **Wastewater treatment facilities** complete Table 1.0(2). **Water treatment facilities** discharging filter backwash water, complete Table 1.0(3).

Note: The sample date must be within 1 year of application submission.

Table 1.0(2) - Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l					



Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
E.coli (CFU/100ml) freshwater					
Enterococci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, μ mohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO ₃)*, mg/l					

N/A



*TPDES permits only

†TLAP permits only

Table 1.0(3) - Pollutant Analysis for Water Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l					
Total Dissolved Solids, mg/l					
pH, standard units					

N/A

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Fluoride, mg/l					
Aluminum, mg/l			N/A		
Alkalinity (CaCO ₃), mg/l					

Section 8. Facility Operator (Instructions Page 60)

Facility Operator Name: TBD

Facility Operator's License Classification and Level: TBD

Facility Operator's License Number: TBD

Section 9. Sewage Sludge Management and Disposal (Instructions Page 60)

A. Sludge disposal method

Identify the current or anticipated sludge disposal method or methods from the following list. Check all that apply.

- ☐ Permitted landfill
- ☐ Permitted or Registered land application site for beneficial use
- ☐ Land application for beneficial use authorized in the wastewater permit
- ☐ Permitted sludge processing facility
- ☐ Marketing and distribution as authorized in the wastewater permit
- ☐ Composting as authorized in the wastewater permit
- ☐ Permitted surface disposal site (sludge monofill)
- ☐ Surface disposal site (sludge monofill) authorized in the wastewater permit
- ☒ Transported to another permitted wastewater treatment plant or permitted sludge processing facility. If you selected this method, a written statement or contractual agreement from the wastewater





Sludge Mgmt. 1.0 Section 9
a) Copy of Dos Rios letter 1.0.
Section 9.B

April 24, 2018

Oscar D. Graham, PhD, PE.
PO Box 1284
Boerne, Texas 78006

Dear Mr. Graham,

The Dos Rios Water Recycling Center (DRWRC) operated by the San Antonio Water System (SAWS), TPDES Permit#10137-033 presently operates a liquid waste hauler receiving station. Liquid waste haulers registered with the San Antonio Water System are allowed to discharge approved liquid waste, including biosolids at the DRWRC facility.

SAWS reserves the right to accept or deny waste acceptance at any time due to bacteriological, toxic, or organic loading issues. This letter does not constitute endorsement or support of any application for a TPDES permit from the TCEQ and is not a guarantee of long term availability of disposal service.

Please contact me if you have questions or need additional information.

Sincerely,

A handwritten signature in black ink that reads "Temple T. Williamson".

Temple T. Williamson
Manager-Production & Treatment Ops
San Antonio Water System
Dos Rios WRC
3495 Valley Road
San Antonio, TX 78221
Phone: 210-233-3637
Fax: 210-233-4295

treatment plant or permitted sludge processing facility accepting the sludge must be included with this application.

☐ Other: _____

B. Sludge disposal site

Disposal site name: Dos Rios Wastewater Treatment Plant

TCEQ permit or registration number: 10137-033

County where disposal site is located: Bexar

C. Sludge transportation method

Method of transportation (truck, train, pipe, other): truck

Name of the hauler: TBD

Hauler registration number: TBD

Sludge is transported as a:

Liquid ☒

semi-liquid ☐

semi-solid ☐

solid ☐



Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 60)

A. Beneficial use authorization

Does the existing permit include authorization for land application of sewage sludge for beneficial use?

Yes ☐ No ☒

If yes, are you requesting to continue this authorization to land apply sewage sludge for beneficial use?

Yes ☐ No ☐

If yes, is the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)** attached to this permit application (see the instructions for details)?

Yes ☐ No ☐

B. Sludge processing authorization

Does the existing permit include authorization for any of the following sludge processing, storage or disposal options?

Sludge Composting

Yes ☐

No ☒

Marketing and Distribution of sludge

Yes ☐

No ☒

Sludge Surface Disposal or Sludge Monofill Yes ☐ No ☒

Temporary storage in sludge lagoons Yes ☐ No ☒

If **yes** to any of the above sludge options and the applicant is requesting to continue this authorization, is the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056)** attached to this permit application?

Yes ☐ No ☐

Section 11. Sewage Sludge Lagoons (Instructions Page 61)

Does this facility include sewage sludge lagoons?

Yes ☐ No ☒

If yes, complete the remainder of this section. If no, proceed to Section 12.

A. Location information

The following maps are required to be submitted as part of the application. For each map, provide the Attachment Number.

- Original General Highway (County) Map:

Attachment: _____

- USDA Natural Resources Conservation Service Soil Map:

Attachment: _____

- Federal Emergency Management Map:

Attachment: _____

- Site map:

Attachment: _____



Discuss in a description if any of the following exist within the lagoon area.

Check all that apply.

- ☐ Overlap a designated 100-year frequency flood plain
- ☐ Soils with flooding classification
- ☐ Overlap an unstable area
- ☐ Wetlands
- ☐ Located less than 60 meters from a fault
- ☐ None of the above

Attachment: [REDACTED]

If a portion of the lagoon(s) is located within the 100-year frequency flood plain, provide the protective measures to be utilized including type and size of protective structures:

[REDACTED]

B. Temporary storage information

Provide the results for the pollutant screening of sludge lagoons. These results are in addition to pollutant results in Section 7 of Technical Report 1.0.

Nitrate Nitrogen, mg/kg: [REDACTED]

Total Kjeldahl Nitrogen, mg/kg: [REDACTED]

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: [REDACTED]

Phosphorus, mg/kg: [REDACTED]

Potassium, mg/kg: [REDACTED]

pH, standard units: [REDACTED]

Ammonia Nitrogen mg/kg: [REDACTED]

Arsenic: [REDACTED]

Cadmium: [REDACTED]

Chromium: [REDACTED]

Copper: [REDACTED]

Lead: [REDACTED]

Mercury: [REDACTED]

Molybdenum: [REDACTED]

Nickel: [REDACTED]

Selenium: [REDACTED]

Zinc: [REDACTED]

Total PCBs: [REDACTED]

Provide the following information:

Volume and frequency of sludge to the lagoon(s): [REDACTED]

Total dry tons stored in the lagoons(s) per 365-day period: [REDACTED]

[REDACTED]



Total dry tons stored in the lagoons(s) over the life of the unit: _____

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of 1×10^{-7} cm/sec?

Yes ☐ No ☐

If yes, describe the liner below. Please note that a liner is required.

D. Site development plan

Provide a detailed description of the methods used to deposit sludge in the lagoon(s):

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)

Attachment: _____

- Copy of the closure plan

Attachment: _____

- Copy of deed recordation for the site

Attachment: _____

- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

Attachment: _____

- Description of the method of controlling infiltration of groundwater and surface water from entering the site

Attachment: _____

- Procedures to prevent the occurrence of nuisance conditions

Attachment: _____



E. Groundwater monitoring

Is groundwater monitoring currently conducted at this site, or are any wells available for groundwater monitoring, or are groundwater monitoring data otherwise available for the sludge lagoon(s)?

Yes ☐ No ☐

If groundwater monitoring data are available, provide a copy. Provide a profile of soil types encountered down to the groundwater table and the depth to the shallowest groundwater as a separate attachment.

Attachment: _____

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 63)

A. Additional authorizations

Does the permittee have additional authorizations for this facility, such as reuse authorization, sludge permit, etc?

Yes ☐ No ☒

If yes, provide the TCEQ authorization number and description of the authorization:



OSCAR D. GRAHAM
61171
PROFESSIONAL ENGINEER
2 Nov 2019

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

Yes ☐ No ☒

Is the permittee required to meet an implementation schedule for compliance or enforcement?

Yes ☐ No ☒

If yes to either question, provide a brief summary of the enforcement, the implementation schedule, and the current status:

Section 13. RCRA/CERCLA Wastes (Instructions Page 63)

A. RCRA hazardous wastes

Has the facility received in the past three years, does it currently receive, or will it receive RCRA hazardous waste?

Yes ☐ No ☒

B. Remediation activity wastewater

Has the facility received in the past three years, does it currently receive, or will it receive CERCLA wastewater, RCRA remediation/corrective action wastewater or other remediation activity wastewater?

Yes ☐ No ☒

C. Details about wastes received

If yes to either Subsection A or B above, provide detailed information concerning these wastes with the application.

Attachment: _____



Section 14. Laboratory Accreditation (Instructions Page 64)

All laboratory tests performed must meet the requirements of *30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification*, which includes the following general exemptions from National Environmental Laboratory Accreditation Program (NELAP) certification requirements:

- The laboratory is an in-house laboratory and is:
 - periodically inspected by the TCEQ; or
 - located in another state and is accredited or inspected by that state; or
 - performing work for another company with a unit located in the same site; or
 - performing pro bono work for a governmental agency or charitable organization.
- The laboratory is accredited under federal law.
- The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not available.
- The laboratory supplies data for which the TCEQ does not offer accreditation.

The applicant should review *30 TAC Chapter 25* for specific requirements.

The following certification statement shall be signed and submitted with every application. See the *Signature Page* section in the Instructions, for a list of designated representatives who may sign the certification.

CERTIFICATION:

I certify that all laboratory tests submitted with this application meet the requirements of *30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification*.

Printed Name: Oscar D. Graham

Title: P.E.

Signature: 
Date: 3 MAY 2018



DOMESTIC TECHNICAL REPORT 1.1

The following is required for new and amendment applications

Section 1. Justification for Permit (Instructions Page 66)

A. Justification of permit need

Provide a detailed discussion regarding the need for any phase(s) not currently permitted. Failure to provide sufficient justification may result in the Executive Director recommending denial of the proposed phase(s) or permit.

A new subdivision with a projection of 2347 total homes built in 3 phases, approximately 150-200 homes per year

B. Regionalization of facilities

Provide the following information concerning the potential for regionalization of domestic wastewater treatment facilities:

1. Municipally incorporated areas

If the applicant is a city, then Item 1 is not applicable. Proceed to Item 2 Utility CCN areas.

Is any portion of the proposed service area located in an incorporated city?

Yes ☐ No ☒ Not Applicable ☐

If yes, within the city limits of:

If yes, attach correspondence from the city.

Attachment:

If consent to provide service is available from the city, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the city versus the cost of the proposed facility or expansion attached.

Attachment:

2. Utility CCN areas



Loading

A. Current organic loading

Facility Design Flow (flow being requested in application):

Average Influent Organic Strength or BOD₅ Concentration in mg/l:

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34):

Provide the source of the average organic strength or BOD₅ concentration.

B. Proposed organic loading

This table must be completed if this application is for a facility that is not in operation or if this application is to request an increased flow that will impact organic loading.

Table 1.1(1) - Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD ₅ Concentration (mg/l)
Municipality		
Subdivision	.500	240
Trailer park - transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park,		



Source	Total Average Flow (MGD)	Influent BOD ₅ Concentration (mg/l)
overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	.500	
AVERAGE BOD ₅ from all sources		240mg/l

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 68)

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 5

Total Suspended Solids, mg/l: 5

Ammonia Nitrogen, mg/l: 2

Total Phosphorus, mg/l:

Dissolved Oxygen, mg/l: 2

Other:



B. Interim II Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 5

Total Suspended Solids, mg/l: 5

Ammonia Nitrogen, mg/l: 2

Total Phosphorus, mg/l:

Dissolved Oxygen, mg/l: 1

Other: _____

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 5

Total Suspended Solids, mg/l: 5

Ammonia Nitrogen, mg/l: 2

Total Phosphorus, mg/l: _____

Dissolved Oxygen, mg/l: 1

Other: _____



D. Disinfection Method

Identify the proposed method of disinfection.

- ☐ Chlorine: 2 mg/l after 20 minutes detention time at peak flow
Dechlorination process: none
- ☐ Ultraviolet Light: N/A seconds contact time at peak flow
- ☐ Other: N/A

Section 4. Design Calculations (Instructions Page 68)

Attach design calculations and plant features for each proposed phase. Example 4 of the instructions includes sample design calculations and plant features.

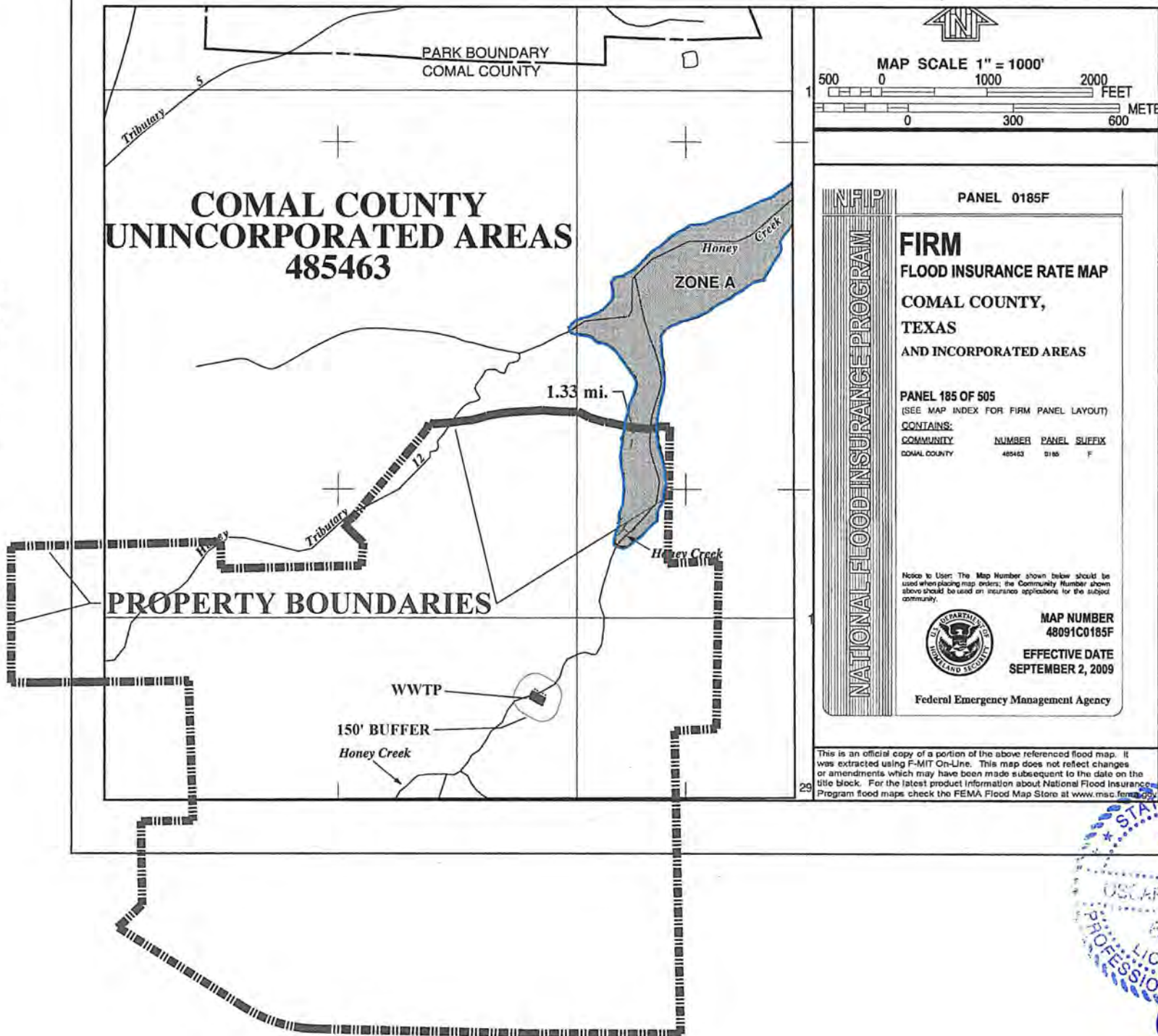
Attachment: DTR 1.1.4

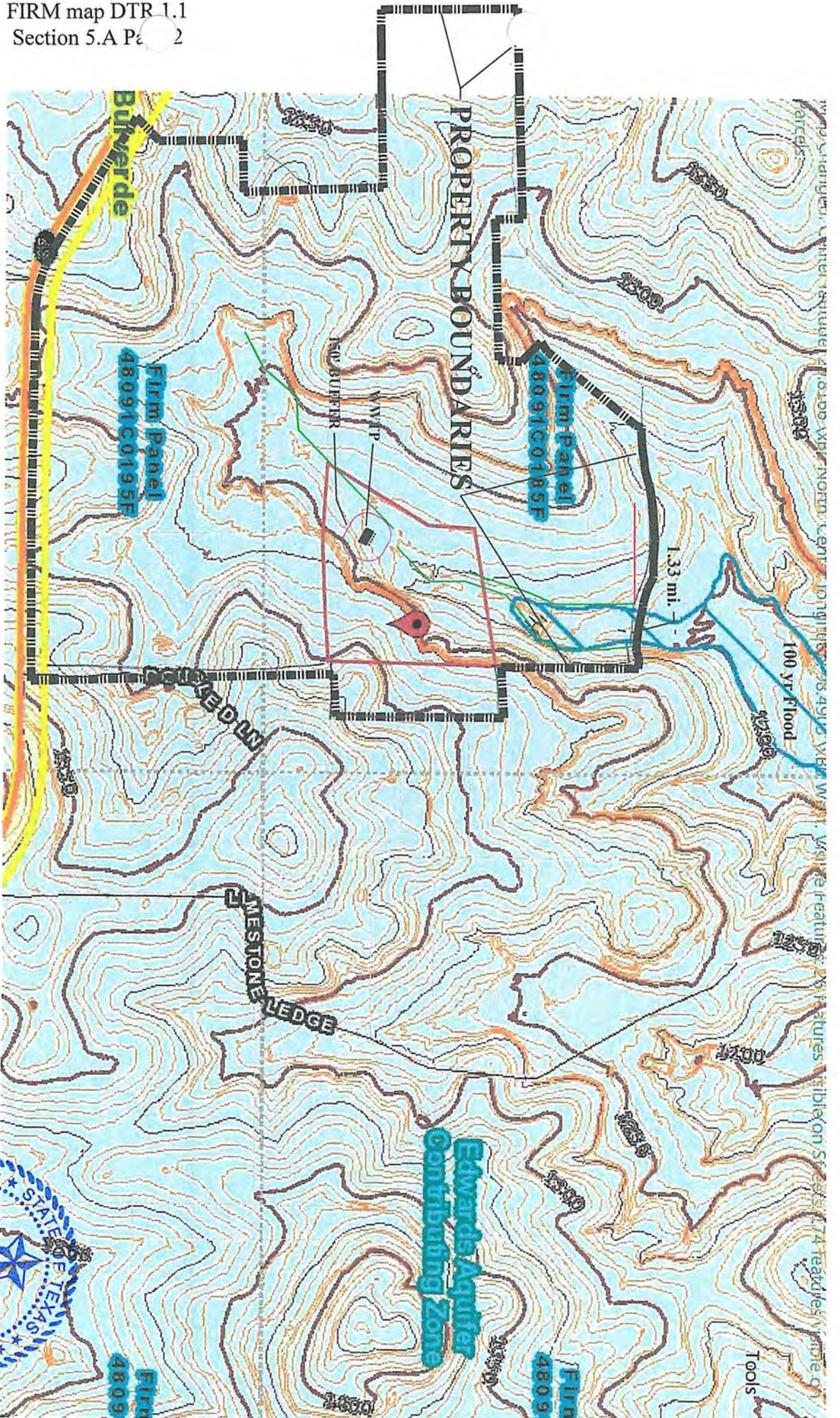
Section 5. Facility Site (Instructions Page 68)

A. 100-year floodplain

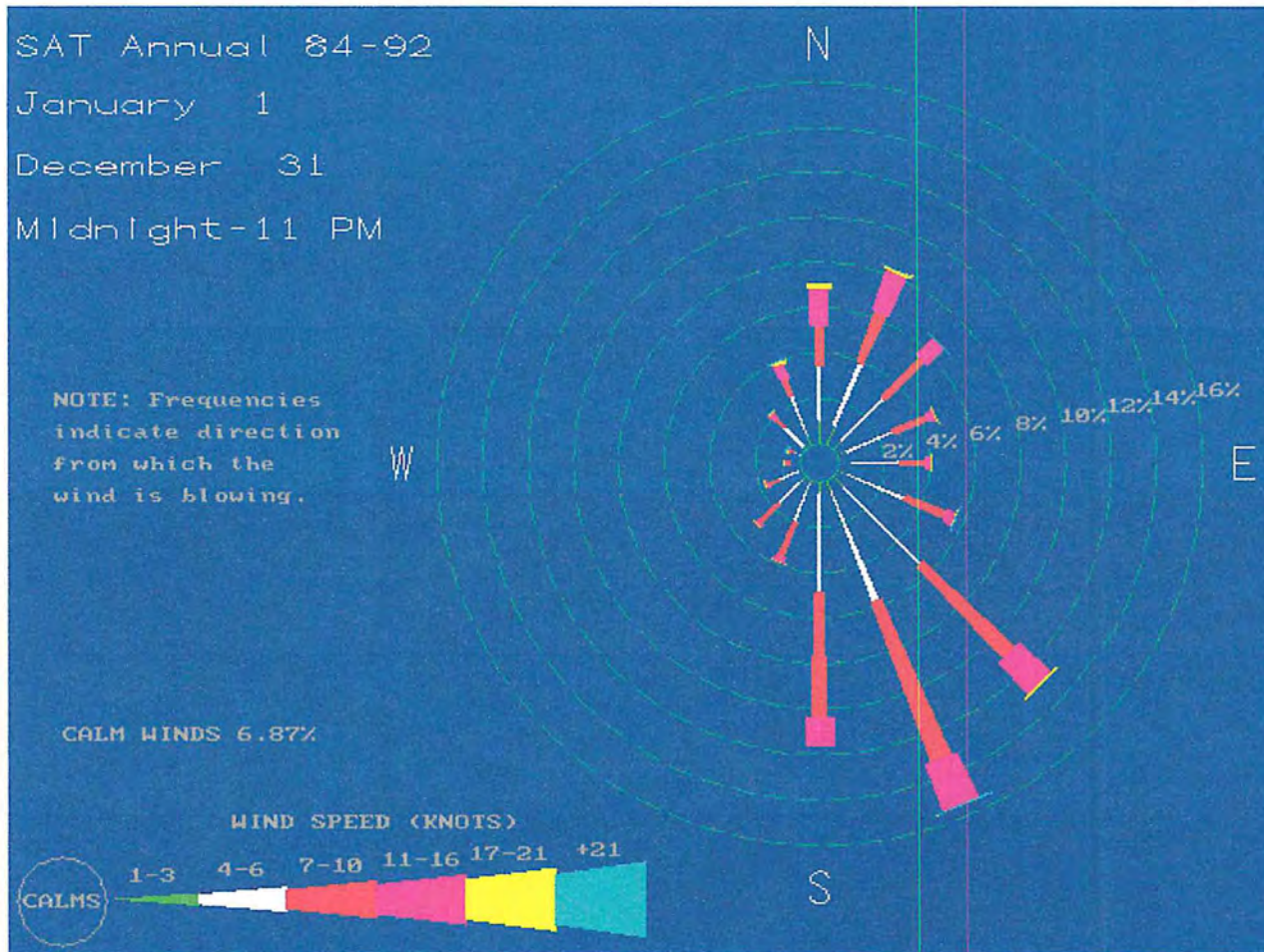
Will the proposed facilities be located above the 100-year frequency flood level?

Yes ☒ No ☐





b) Wind Rose DTR 1.1.5.B



If **no**, describe measures used to protect the facility during a flood event. Include a site map showing the location of the treatment plant within the 100-year frequency flood level. If applicable, provide the size and types of protective structures.

N/A

Provide the source(s) used to determine 100-year frequency flood plain.

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For a new or expansion of a facility, will a wetland or part of a wetland be filled?

Yes ☐ No ☒

If **yes**, has the applicant applied for a US Corps of Engineers 404 Dredge and Fill Permit?

Yes ☐ No ☐

If **yes**, provide the permit number: _____

If **no**, provide the approximate date you anticipate submitting your application to the Corps: _____

B. Wind rose

Attach a wind rose. Attachment: DTR 1.1 Section 5.3



Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 69)

A. Beneficial use authorization

Are you requesting to include authorization to land apply sewage sludge for beneficial use on property located adjacent to the wastewater treatment facility under the wastewater permit?

Yes ☐ No ☒

If **yes**, attach the completed Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)

Attachment: N/A

B. Sludge processing authorization

Identify the sludge processing, storage or disposal options that will be

conducted at the wastewater treatment facility:

- ☐ Sludge Composting
- ☐ Marketing and Distribution of sludge
- ☐ Sludge Surface Disposal or Sludge Monofill

If any of the above sludge options are selected, attach a completed DOMESTIC WASTEWATER PERMIT APPLICATION: SEWAGE SLUDGE TECHNICAL REPORT (TCEQ Form No. 10056).

Attachment: N/A

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 69)

Attach a solids management plan to the application.

Attachment: DTR 1.1 Section 7

The sewage sludge solids management plan must contain the following information:

- Treatment units and processes dimensions and capacities
- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow
- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

An example of a sewage sludge solids management plan has been included as Example 5 of the instructions.



Attachment No. DTR 1.1 Sect. 7
Honey Creek Ranch Subdivision
Permit No.: New

Sludge Management and Disposal

Sludge management for this small package plant is quite simple. When it is determined that sludge is to be wasted, sludge will be concentrated in an aerated sludge holding tank. A TCEQ licensed hauler shall draw the thus concentrated sludge from the bottom of the Aerated Sludge Holding tank. Proposed withdrawal will be 1200-1500 gallons of liquid sludge.

a) Wasting sludge will be scheduled when it has been determined by a 30-minute settling test that wasting is necessary. Sludge shall be hauled by a TCEQ licensed hauler to near by Dos Rios WWTP - City of San Antonio. (see **Attachment No. Sludge Management 1.0 Sect. 9**)

- b) Calculations for number of pounds of influent BOD: (average)
- pounds of BOD removed/day = $200 \times 8.34 \times .1000 = 166.8$ pounds/day
- at 75% design flow: 125.1 pounds/day
- at 50% design flow: 83.4 pounds/day
- at 25% design flow: 41.7 pounds/day

Solids Generated:	100% flow	75% flow	50% flow	25% flow
Pounds of Influent BOD	166.8	125.2	83.4	41.7
Pounds digested Dry Sludge*	5.8	4.4	2.9	1.45
Gallons of wet sludge(MBBR)	32.8	24.9	16.4	8.2

*Assuming that an MBBR treatment process generates approximately 10% of what an Extended Aeration Activated Sludge plant generates and assuming that an extended aeration process produces approximately 0.35 pounds of digested dry sludge per pound of influent BOD.

c) Accurate records shall be maintained to provide management with information needed to account for sludge removed from site. The receiving plant will complete the sludge disposal process.

d) Liquid sludge will be removed from the ASH tank for disposal on an as needed basis. Plant manager will concentrate the sludge in the ASH tank by regularly decanting the contents of this tank.



DOMESTIC TECHNICAL REPORT WORKSHEET 2.0

RECEIVING WATERS

The following is required for all TPDES permit applications

Section 1. Domestic Drinking Water Supply (Instructions Page 73)

Is there a surface water intake for domestic drinking water supply located within 5 miles downstream from the point or proposed point of discharge?

Yes ☐ No ☒

If yes, provide the following:

Owner of the drinking water supply: _____

Distance and direction to the intake: _____

Attach a USGS map that identifies the location of the intake.

Attachment: _____

Section 2. Discharge into Tidally Affected Waters (Instructions Page 73)

Does the facility discharge into tidally affected waters?

Yes ☐ No ☒

If yes, complete the remainder of this section. If no, proceed to Section 3.

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: _____

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

Yes ☐ No ☐

If yes, provide the distance and direction from outfall(s).



C. Sea grasses

Are there any sea grasses within the vicinity of the point of discharge?

Yes ☐ No ☒

If yes, provide the distance and direction from the outfall(s).

Section 3. Classified Segments (Instructions Page 73)

Is the discharge directly into (or within 300 feet of) a classified segment?

Yes ☐ No ☒

If yes, this Worksheet is complete.

If no, complete Sections 4 and 5 of this Worksheet.

Section 4. Description of Immediate Receiving Waters (Instructions Page 75)

Name of the immediate receiving waters: Honey Creek (dry creek bed)

A. Receiving water type

Identify the appropriate description of the receiving waters.

- ☐ Stream
- ☐ Freshwater Swamp or Marsh
- ☐ Lake or Pond

Surface area, in acres:

Average depth of the entire water body, in feet:

Average depth of water body within a 500-foot radius of discharge point, in feet:

- ☐ Man-made Channel or Ditch
- ☐ Open Bay
- ☐ Tidal Stream, Bayou, or Marsh



- ☒ Other, specify: dry tributary

B. Flow characteristics

If a stream, man-made channel or ditch was checked above, provide the following. For existing discharges, check one of the following that best characterizes the area *upstream* of the discharge. For new discharges, characterize the area *downstream* of the discharge (check one).

- ☒ Intermittent - dry for at least one week during most years
- ☐ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses
- ☐ Perennial - normally flowing

Check the method used to characterize the area upstream (or downstream for new dischargers).

- ☐ USGS flow records
- ☐ Historical observation by adjacent landowners
- ☒ Personal observation
- ☐ Other, specify: _____



C. Downstream perennial confluences

List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point.

None within 3 miles from discharge point

D. Downstream characteristics

Do the receiving water characteristics change within three miles downstream of the discharge (e.g., natural or man-made dams, ponds, reservoirs, etc.)?

Yes ☐ No ☒

If yes, discuss how.

E. Normal dry weather characteristics

Provide general observations of the water body during normal dry weather conditions.

dry

Date and time of observation: Friday March 30, 2018; noon

Was the water body influenced by stormwater runoff during observations?

Yes ☐

No ☒

Section 5. General Characteristics of the Waterbody (Instructions Page 74)

A. Upstream influences

Is the immediate receiving water upstream of the discharge or proposed discharge site influenced by any of the following? Check all that apply.

☐ Oil field activities

☐ Urban runoff

☐ Upstream discharges

☒ Agricultural runoff

☐ Septic tanks

☐ Other(s), specify

B. Waterbody uses

Observed or evidences of the following uses. Check all that apply.

☐ Livestock watering

☐ Contact recreation

☐ Irrigation withdrawal

☐ Non-contact recreation

☐ Fishing

☐ Navigation

☐ Domestic water supply

☐ Industrial water supply



- ☐ Park activities ☒ Other(s), specify dry tributary

C. Waterbody aesthetics

Check one of the following that best describes the aesthetics of the receiving water and the surrounding area.

- ☒ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional
- ☐ Natural Area: trees and/or native vegetation; some development evident (from fields, pastures, dwellings); water clarity discolored
- ☐ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid
- ☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored



Silesia Properties, LP

AGREEMENT OF LIMITED PARTNERSHIP

THIS AGREEMENT OF LIMITED PARTNERSHIP is dated as of the 11th day of August, 2010, by and among U-5 GP, LLC, a Texas limited liability company, and U BAR 5 PROPERTIES, LLC, a Texas limited liability company, both as General Partners, and Ronald D. Urbanczyk, and Terry G. Urbanczyk, both individuals, as Limited Partners.

WHEREAS, the parties hereto desire to form a limited partnership known as Silesia Properties, LP, and to set forth their respective rights and duties relating to such limited partnership;

NOW, THEREFORE, in consideration of the covenants and agreements contained herein and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

ARTICLE I-Definitions

Except as otherwise herein expressly provided, the following terms shall have the meanings set forth below:

1.01 Additional Limited Partner. "Additional Limited Partner" means each person who executes this Agreement and becomes a limited partner of the Partnership after the date hereof.

1.02 Agreement. "Agreement" shall mean this Agreement of Limited Partnership, as originally executed and as amended, modified, supplemented or restated from time to time, as the context requires.

1.03 Business Day. "Business Day" means any day other than a Saturday, a Sunday or a holiday on which banks in the State of Texas are authorized by law to close.

1.04 Capital Account. "Capital Account" means, with respect to any Partner, the Capital Account maintained for the Partnership in accordance with the provisions of Section 6.05 of this Agreement, and applicable Regulations.

1.05 Capital Contribution. "Capital Contribution" shall mean, with respect to any Partner, the amount of money and the fair market value of any property (other than money) contributed to the capital of the Partnership.

1.06 Cash Flow. "Cash Flow" shall mean (a) all cash revenues of the Partnership received from any source less (b) cash expended, reserved or required for debts and expenses, interest and principal payments on any indebtedness, capital expenditures, replacements, restoration of casualty damage, expansion or any other reasonable requirements of the business of the Partnership, as determined by the General Partners in their sole and absolute discretion.

1.07 Code. "Code" shall mean the Texas Business Organizations Code, as amended from time to time.

1.08 Disposition. The term "Disposition" shall mean any sale, assignment, gift, exchange, transfer, change in beneficial interest of any trust, or any other disposition of a Ownership Interest whatsoever, whether voluntary or involuntary, direct or indirect, including without limitation the change of legal and beneficial title of any Ownership Interest resulting from the death of any Partner, or the spouse of any Partner, and any distribution of a Ownership Interest from an estate or trust to any beneficiary thereof.

1.09 General Partner. "General Partner" shall mean each of U-5 GP, LLC, and U Bar 5 Properties, LLC, both of which are Texas limited liability companies, their duly admitted successors and assigns, or any Person who is a General Partner at the time of reference thereto. "General Partners" shall mean both of U-5 GP, LLC, and U Bar 5 Properties, LLC, both of which are Texas limited liability companies, their duly admitted successors and assigns, or any Person who is a General Partner at the time of reference thereto when there is one other General Partner.

1.10 Immediate Family. "Immediate Family" is herein defined as the spouse, parent, sibling or child of a Limited Partner.

1.11 IRC. "IRC" shall mean the Internal Revenue Code of 1986, as hereinafter amended or any successor thereto.

1.12 Limited Partners. "Limited Partner" or "Limited Partners" shall mean each of Ronald D. Urbanczyk and Terry G. Urbanczyk, and any Person who becomes an Additional Limited Partner pursuant to the terms of this Agreement, but does not include any Person who has ceased to be a limited partner of the Partnership.

1.13 Liquidator. "Liquidator" shall mean a General Partner selected among the General Partners by the General Partners. The Liquidator shall be empowered to give and receive notices, reports and payments in connection with the dissolution and termination of the Partnership, and hold and exercise such other powers as are necessary to permit all parties to deal with the Liquidator in connection with the dissolution and termination of the Partnership.

1.14 Net Available Cash. Net available cash is defined as the amount determined for any calendar quarter consisting of (a) all cash revenues of the Partnership received from any source less (b) cash expended, reserved or required for debts and expenses, interest and principal payments on any indebtedness, capital expenditures, replacements, restoration of casualty damage, and reserves for expansion or any other reasonable requirements of the business of the Partnership deemed reasonably necessary for the normal operation and growth of the Partnership, as determined by the General Partners in their sole and absolute discretion. The amounts attributed to reserves may vary as the General Partners may reasonably determine.

1.15 Ownership Interest. "Ownership Interest" shall mean for each Partner the Ownership Interest set forth opposite such Partner's name under Section 4.01 hereof. The sum of all Ownership Interests shall equal 100%. The Ownership Interests shall govern each Partner's rights to a share of the capital and profits of the Partnership and other rights described herein.

1.16 Partner. "Partner" or "Partners" shall mean the General Partners and the Limited Partners.

1.17 Partnership. "Partnership" shall mean the limited partnership hereby formed and such limited partnership as it may from time to time be constituted.

1.18 Partnership Assets. "Partnership Assets" shall mean all assets, whether tangible or intangible, and whether real, personal or mixed, at any time owned by the Partnership.

1.19 Person. "Person" shall mean any individual, or partnership, corporation, trust or other entity.

1.20 Profits and Losses. "Profits" or "Losses" shall mean the taxable income or taxable loss of the Partnership for federal income tax purposes determined as of the close of the Partnership's fiscal year, as well as, where the context hereof requires, related federal tax items such as capital gains or losses, tax preferences and credits, appropriately adjusted with respect to any final determination of any of the foregoing for federal income tax purposes.

1.21 Regulations. "Regulations" shall mean the Income Tax Regulations promulgated under the IRC, as such Regulations may be amended from time to time.

ARTICLE II-Formation of Partnership

2.01 Statutory Authority. The parties hereto have agreed to enter into a limited partnership under and pursuant to the provisions of the Code.

2.02 Documents. The parties hereto shall promptly execute all documents and shall perform such filings and recordings and other acts conforming hereto as shall constitute compliance with all requirements for the formation hereof under the laws of the State of Texas and such other states or political subdivisions in which the Partnership elects to do business.

2.03 Name. The name of the Partnership shall be Silesia Properties, LP, and the business of the Partnership shall be conducted under that name and under such variations thereof or other names as the General Partners shall deem appropriate.

2.04 Principal Office. The initial principal office of the Partnership will be 24114 Blanco Road, San Antonio, Texas 78260, and the Partnership shall maintain records there as required by Section 3.151 of the Code. The General Partners may from time to time change the principal office and, in such event, the General Partners shall notify the Partners in writing within 30 days of the effective date of such change. The Partnership may have such other offices as the General Partners may designate from time to time.

2.05 Registered Office and Registered Agent. The registered office of the Partnership in the State of Texas shall be at such place as the General Partners may designate from time to time. The Registered Agent for service of process on the Partnership in the State of Texas or any other jurisdiction shall be such person or persons as the General Partners may designate from time to time. The initial registered office of the Partnership shall be 313 Frey Street, Boerne, Texas 78006, and the initial registered agent at that address shall be Kristin Aljoe.

2.06 No Payments of Individual Obligations. The Partners shall use the Partnership's credit and assets solely for the benefit of the Partnership. No asset of the Partnership shall be transferred or encumbered for or in payment of any individual obligation of a Partner.

2.07 Title to Property. All real and personal property acquired by the Partnership hereafter shall be owned by the Partnership as an entity and no Partner shall have any ownership interest in such property in the Partner's individual name or right, and each Partner's interest in the Partnership shall be personal property for all purposes.

2.08 Term. The Partnership shall commence business upon the filing of a Certificate of Formation with the Secretary of State of the State of Texas and shall continue until terminated, liquidated, or dissolved as provided in Article XV hereof or by operation of law.

ARTICLE III-Purposes and Powers of the Partnership

3.01 Purpose of the Partnership. The Partnership has any lawful purpose or purposes, unless otherwise provided by the Code. Attached as Schedule A is a listing of the initial intended purposes of the Partnership. This listing is not intended to be all inclusive.

3.02 Powers. Subject to the limitations contained in this Agreement and in the Code, the Partnership purposes may be accomplished by the General Partners taking any action that is permitted hereunder or under the Code or that is customary or reasonably related to the acquisition, ownership, financing, development, improvement, management and disposition of the Partnership Assets. Attached as Schedule B is a listing of the initial intended powers of the Partnership. This listing is not intended to be all inclusive.

ARTICLE IV-Ownership Interests

4.01 Ownership Interests. The Partners own the following interests in the Partnership:

<u>Name</u>	<u>Ownership Interest</u>
<u>GENERAL PARTNERS:</u>	
U-5 GP, LLC	0.50%
U BAR 5 PROPERTIES, LLC	0.50%

LIMITED PARTNERS:

Ronald D. Urbanczyk	49.50%
Terry G. Urbanczyk	49.50%
<u>Totals</u>	<u>100.00%</u>

ARTICLE V-Contributions and Liabilities

5.01 Contributions. Simultaneously with the execution and delivery of this Agreement, the General Partners and the Limited Partners are each receiving an Ownership Interest in the Partnership in exchange for the contribution of certain real estate to the Partnership.

5.02 Loan to Partnership. Nothing in this Agreement shall prevent or act against a Partner loaning money to the Partnership on a promissory note or similar evidence of indebtedness.

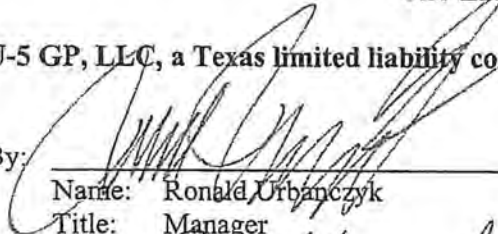
5.03 Additional Capital Contributions. Additional capital contributions from the Partners shall be required only upon unanimous vote of the Partners in favor of any additional capital contribution. In the event the General Partners determine that an additional capital contribution is necessary because the required funds for any proper Partnership purpose are in excess of any funds reasonably anticipated to be available to the Partnership, the General Partners shall calculate the amount of the additional capital contribution required in the judgment of the General Partners and shall notify (in conformity with the requirements of this Agreement) each Partner, requesting each Partner to make his pro rata additional capital contribution to the Partnership. Such Partner's failure to make such additional capital contribution within twenty (20) days from the date of such notice shall constitute such Partner's vote against the requirement for such contribution.

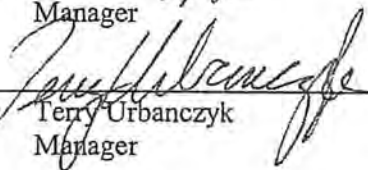
5.04 No Interest: No Return: No Obligation to Restore Negative Balance. No Partner shall be entitled to interest on such Partner's Capital Contribution or Capital Account. Except as provided herein or by law, no Partner shall have any right to demand and/or receive the return of such Partner's Capital Contribution. No Limited Partner shall be required to restore a negative capital account balance.

5.05 Loans From Affiliates of Ronald D. Urbanczyk. It is contemplated that in certain events Ronald D. Urbanczyk, or affiliates of Ronald D. Urbanczyk, will make loans to the Partnership for the purpose of providing working or operating capital or for any other purposes reasonably necessary for the commercial success of the Partnership. Any funds advanced by Ronald D. Urbanczyk or affiliates of Ronald D. Urbanczyk will be in the format of a promissory note. While this provision references the advance of funds to the Partnership by Ronald D. Urbanczyk or affiliates of Ronald D. Urbanczyk, nothing in this Agreement shall be construed as requiring Ronald D. Urbanczyk or affiliates of Ronald D. Urbanczyk to advance any funds to the Partnership, and at all times any and all advances or loans shall be in the sole and absolute discretion of Ronald D. Urbanczyk or affiliates of Ronald D. Urbanczyk. Any such advances or loans shall bear interest at a rate per annum which shall at all times be equal to the interest rate

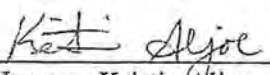
GENERAL PARTNERS:

U-5 GP, LLC, a Texas limited liability company

By: 
Name: Ronald Urbanczyk
Title: Manager

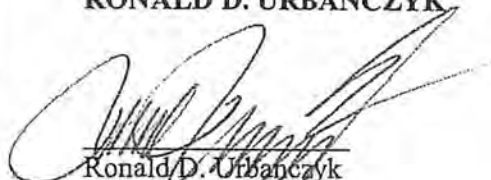
By: 
Name: Terry Urbanczyk
Title: Manager

U BAR 5 PROPERTIES, LLC, a Texas limited liability company

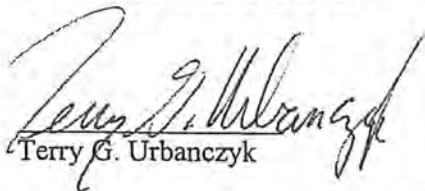
By: 
Name: Kristin Aljoe
Title: Manager

LIMITED PARTNERS:

RONALD D. URBANCZYK


Ronald D. Urbanczyk

TERRY G. URBANCZYK


Terry G. Urbanczyk