

March 13, 2025

Via TCEQ FTP Portal and E-mail: Ellie.Guerra@tceq.texas.gov

Ellie Guerra
Office of the Chief Clerk
Texas Commission on Environmental Quality
Mail Code 105
P.O. Box 13087
Austin, Texas 78711-3087

Re: TCEQ Docket No. 2024-1696-MWD; SOAH Docket No. 582-25-_____
Jireten LLC (CN 606136620)
Jireten 3 WWTP (RN 111732053)
TCEQ Proposed TPDES Permit No. WQ0016336001

Ms. Guerra:

On behalf of Jireten LLC, we are submitting the original application for inclusion in the administrative record.

Thank you for your attention to and assistance with this matter. If you have any questions, please do not hesitate to contact me. We look forward to working with the TCEQ and the State Office of Administrative Hearings in scheduling the hearing.

Respectfully submitted,

Gregg Law PC



Peter T. Gregg
State Bar No. 00784174
910 West Ave., No. 3
Austin, Texas 78701
Phone: 512-522-0702
Fax: 512-727-6070
pgregg@gregglawpc.com

**Attorneys for Applicant
Jireten LLC**

Attachment

TPDES Permit New Application Submittal

Submitted to:

Texas Commission on Environmental Quality
Application Review & Processing Team (MC-148)
P.O. Box 13087
Austin, Texas 78711-3087

For:

Jireten, LLC.
Jireten 3 WWTP
231 Wickliffe Rd
Ferris, TX 75125

Owner:

Jireten, LLC
P.O. Box 140991
Irving, Texas 75014

Issue Date: April 25, 2023



consulting environmental engineers, inc.

150 n. harbin drive – suite 408 • stephenville, tx 76401
phone: (254) 968-8130 fax: (254) 968-8134
email: ceeinc@ceeinc.org registered firm: #F-2323

Jireten 3 WWTP Exhibit Cross Reference

<u>Exhibit I.D.</u>	<u>Description</u>	<u>Reference</u>
I	Core Data Form 10400	Section 3 (C) page 4 of 21
II	Topographic Map	Item 13, page 11 of 20
III	Affected Landowners Map	Item 1 (a), page 13 of 20
IV	Affected Landowners Cross Reference	Item 1 (b), page 13 of 20
V	Affected Landowners USB Drive	Item 1 (c), page 13 of 20
VI VI(a)	Photographs Photograph Location map	Item 2, page 14 of 20
VII	Buffer Zone Map	Item 3 (a), page 14 of 20
VIII	SPIF Topographic Map	Item 5, page 16 of 20
IX	Flow Diagram	Item 2 (c), page 2 of 79
X	Site Drawing	Item 3, page 3 of 79
XI	Close Proximity WWTP Data	Item 3, page 22 of 79
XII	Design Calculations	Item 4, page 24 of 79
XIII	Flood Plain Map	Item 5 (a), page 25 of 79
XIV	Wind Rose	Item 5 (b), page 25 of 79
XV	Sewage Sludge Solids Management	Item 7, page 26 of 79
XVI	Copy of Check	
XVII	Discharge Route Easement	
XVIII	Public Involvement Plan Form 20960	
XIV	Domestic Administrative Report Form 10053	
XV	Domestic Technical Report Form 10054	





consulting environmental engineers, inc.

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PROJECT SUMMARY

Jireten, LLC is submitting this application for a new TPDES permit to service the proposed Jireten 3 development. The system will provide waste water treatment for up to 600 homes, 5 office buildings and one self-storage location and will require an approximate 162,000-gallon wastewater treatment facility. The adjacent property on all sides of the property is undeveloped land.

The proposed system is not located within the boundaries of any CCNs. Five wastewater treatment plants were found to be within the three mile radius and five requests for service were sent out on 2/15/2023. Additionally, the City of Waxahachie City Limits are within the proposed service area, and a request for service was sent to them on 2/15/23 as well. To date there has been no response from SRP SS, LLC, BBCP TTW 117, LLC, and Matheson Tri-Gas, Inc. The City of Waxahachie has not yet determined whether or not they can provide service at the time of the filing of this application.

**Jireten 3 WWTP
Core Data Form 10400**



JIR 0004



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> 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)		3/21/2023	
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
Jireten, LLC					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
0804025488		32078797712			
11. Type of Customer:		<input checked="" type="checkbox"/> Corporation		<input type="checkbox"/> Individual	
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
12. Number of Employees				13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:		Jireten, LLC			
		PO BOX 140991			
City		Irving	State	TX	ZIP
					75014
ZIP + 4					
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)		
			develop3group@gmail.com		
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information <i>(If 'New Regulated Entity' is selected, a new permit application is also required.)</i>							
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information							
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>							
22. Regulated Entity Name <i>(Enter name of the site where the regulated action is taking place.)</i>							
Jireten 3 WWTP							
23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>							
	City		State		ZIP		ZIP + 4
24. County		Ellis					

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

25. Description to Physical Location:		The proposed WWTP will be located approximately 590 feet south of the intersectin of Butcher Rd and S Ring Rd in Waxahachie, Ellis County, Texas 75165.					
26. Nearest City					State		Nearest ZIP Code
Waxahachie					TX		75165
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>							
27. Latitude (N) In Decimal:		32.456658			28. Longitude (W) In Decimal:		-96.806512
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
32	27	22.81	-96	48	23.28		
29. Primary SIC Code (4 digits)		30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)	
4952				221320			
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>							
Provide wastewater service							
34. Mailing Address:		PO Box 140991					
	City	Irving	State	TX	ZIP	75014	ZIP + 4
35. E-Mail Address:		develop3group@gmail.com					
36. Telephone Number			37. Extension or Code			38. Fax Number <i>(if applicable)</i>	
(469) 616-9322						(888) 842-1342	

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


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

SECTION IV: Preparer Information

40. Name:	Charles Gillespie			41. Title:	President
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address		
(254) 968-8130		() -	ceeinc@ceeinc.org		

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:	Consulting Environmental Engineers, Inc	Job Title:	President
Name (In Print):	Charles Gillespie	Phone:	(254) 968- 8130
Signature:		Date:	03/21/2023

Jireten 3 WWTP Topographic Map



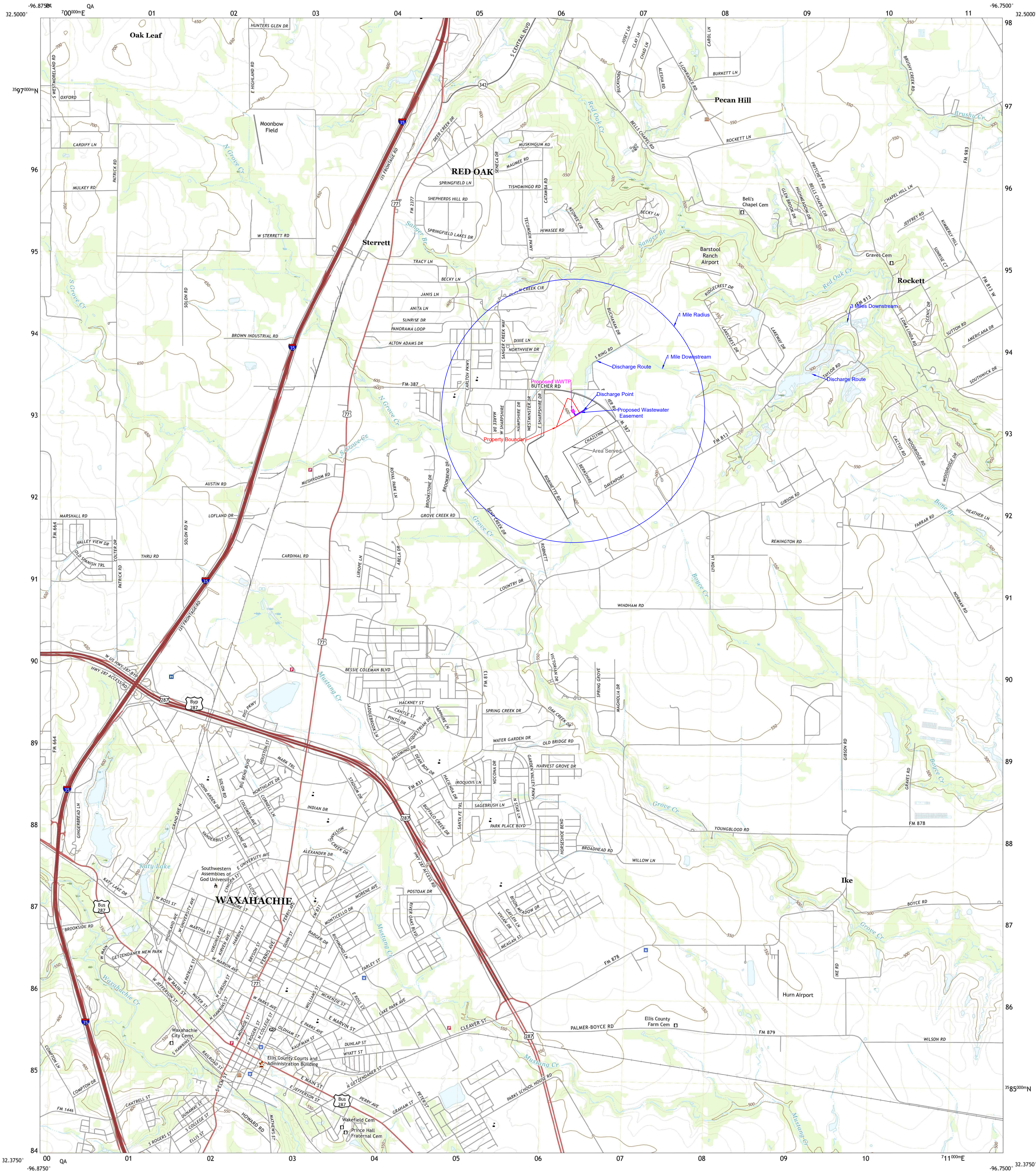
JIR 0008



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

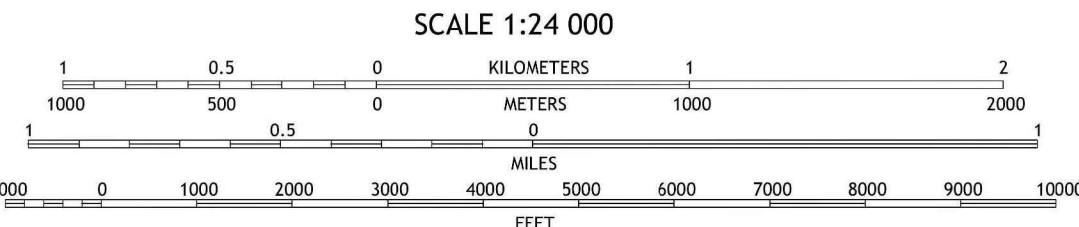
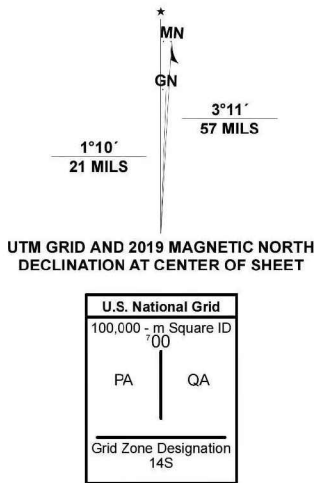


WAXAHACHIE QUADRANGLE
TEXAS - ELLIS COUNTY
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid/Universal Transverse Mercator, Zone 14S
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAD, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2018
Names.....GNSS, 1979 - 2022
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2021
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard.



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

1 Cedar Hill
2 Lancaster
3 Ferris
4 Midlothian
5 Palmer
6 Bos
7 Forrester
8 Ennis West

ROAD CLASSIFICATION

Expressway
Secondary Hwy
Ramp
Interstate Route
Local Connector
Local Road
4WD
US Route
State Route

WAXAHACHIE, TX
2022

Date
April 19, 2023
Drawn By
CE
Scale
1":1900'

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(254)968-8130 fax: (254)968-8134 email: ceecinc@ceecinc.org
registered firm: #F-2323

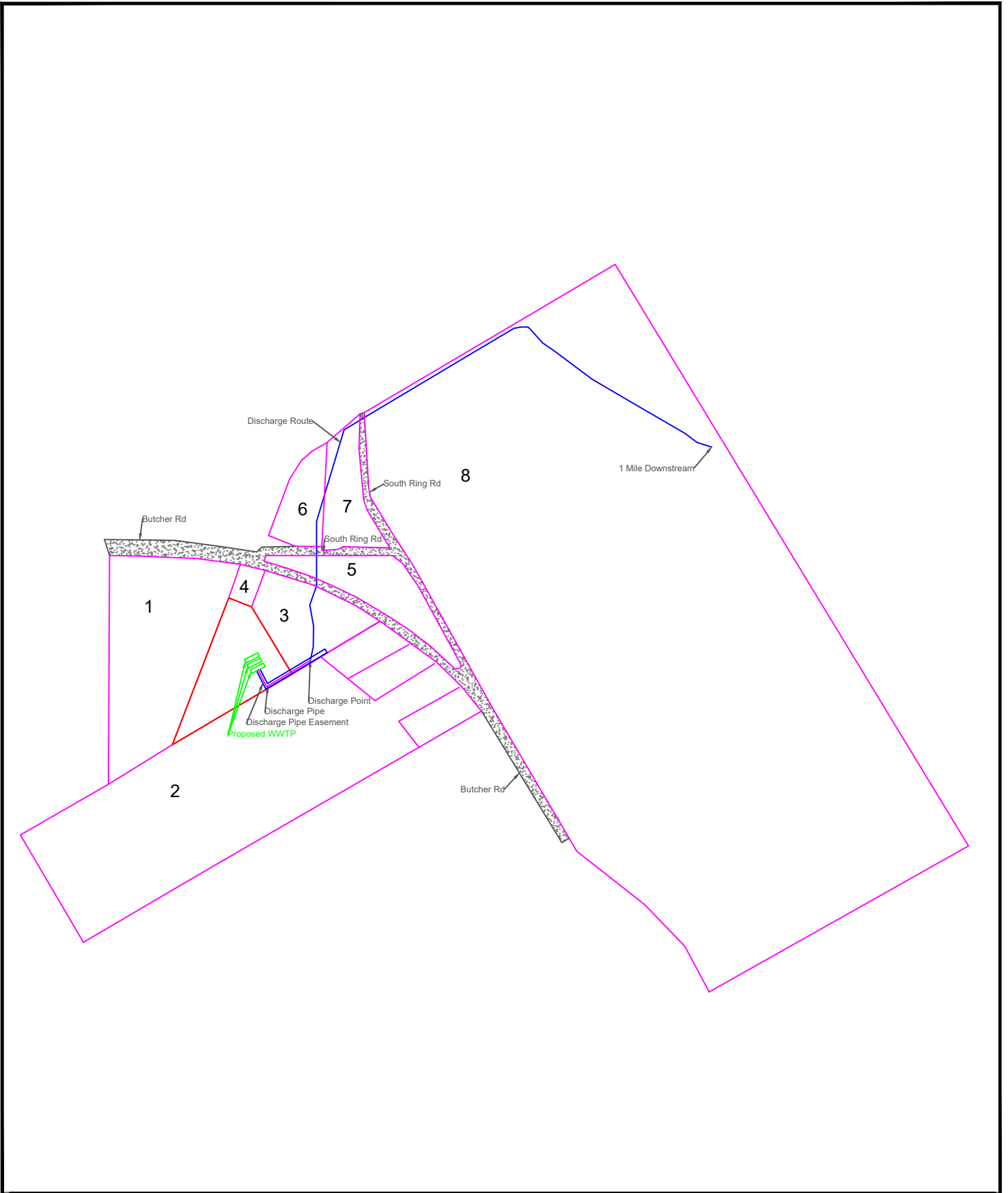
Development 3 Group
Jireten 3 WWTP
Waxahachie, Texas
Topographic

Sheet 001

Jireten 3 WWTP Affected Landowners Map



JIR 0010



<div>Date April 19, 2023</div> <div>Drawn By CE</div> <div>Scale 1":1000'</div>	<div>consulting environmental engineers, inc.</div> <div>150 n. harkin drive - suite 408 geopherville, tx 76401</div> <div>(254)968-8130 fax: (254)968-8134 email: ce@ceinc.org</div> <div>registered firm: #F-2823</div>	<div>Development 3 Group</div> <div>Jireten 3 WWTP</div> <div>Waxahachie, Texas</div> <div>Affected Landowners Map</div>	<div>Sheet 002</div>
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Jireten 3 WWTP Affected Landowners Cross Reference



Jireten 3 WWTP
Wastewater Permit Application
Affected Landowners Cross Reference
Exhibit IV

1. Turnerville Holdings, LLC
PO Box 140991
Irving, TX, 75014
2. Trelen Land, LLC
PO Box 140991
Irving, TX, 75014
3. Turnerville Holdings, LLC
PO Box 140991
Irving, TX, 75014
4. Badr Abdul S & Aina Maryam
1500 FM 387
Waxahachie, TX, 75165
5. Lin Ming Chi Anthony
14520 Yale Ct
Los Altos Hills, CA, 94022
6. Navito Development, LLC
3825 Maple Shade Ln
Apt. 1202
Plano, TX, 75075
7. Cartledge Terry & Martha A
169 S Ring Rd
Waxahachie, TX, 75165
8. Estes John L Etal
11420 Wonderland Trl
Dallas, TX, 75229

**Jireten 3 WWTP
Affected Landowners USB Drive**





Jireten 3 WWTP Photographs



WWTP Facility Location



Discharge Point



Date
April 19, 2023

Drawn By
CE

Scale
NTS

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registered firm: #F-2323

Development 3 Group
Jireten 3 WWTP
Waxahachie, Texas

Site and Discharge Photo

Sheet 009



Looking Downstream



Looking Downstream

Date
April 19, 2023

Drawn By
CE

Scale
NTS

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(254)968-8130 fax: (254)968-8134 email: ceelnc@ceelnc.org
registered firm: #F-2323

Development 3 Group
Jireten 3 WWTP
Waxahachie, Texas

Downstream Photos

Exhibit VI

JIR-0018



Looking Upstream



Looking Upstream

Date
April 19, 2023

Drawn By
CE

Scale
NTS

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registered firm: #F-2323

Development 3 Group
Jireten 3 WWTP
Waxahachie, Texas

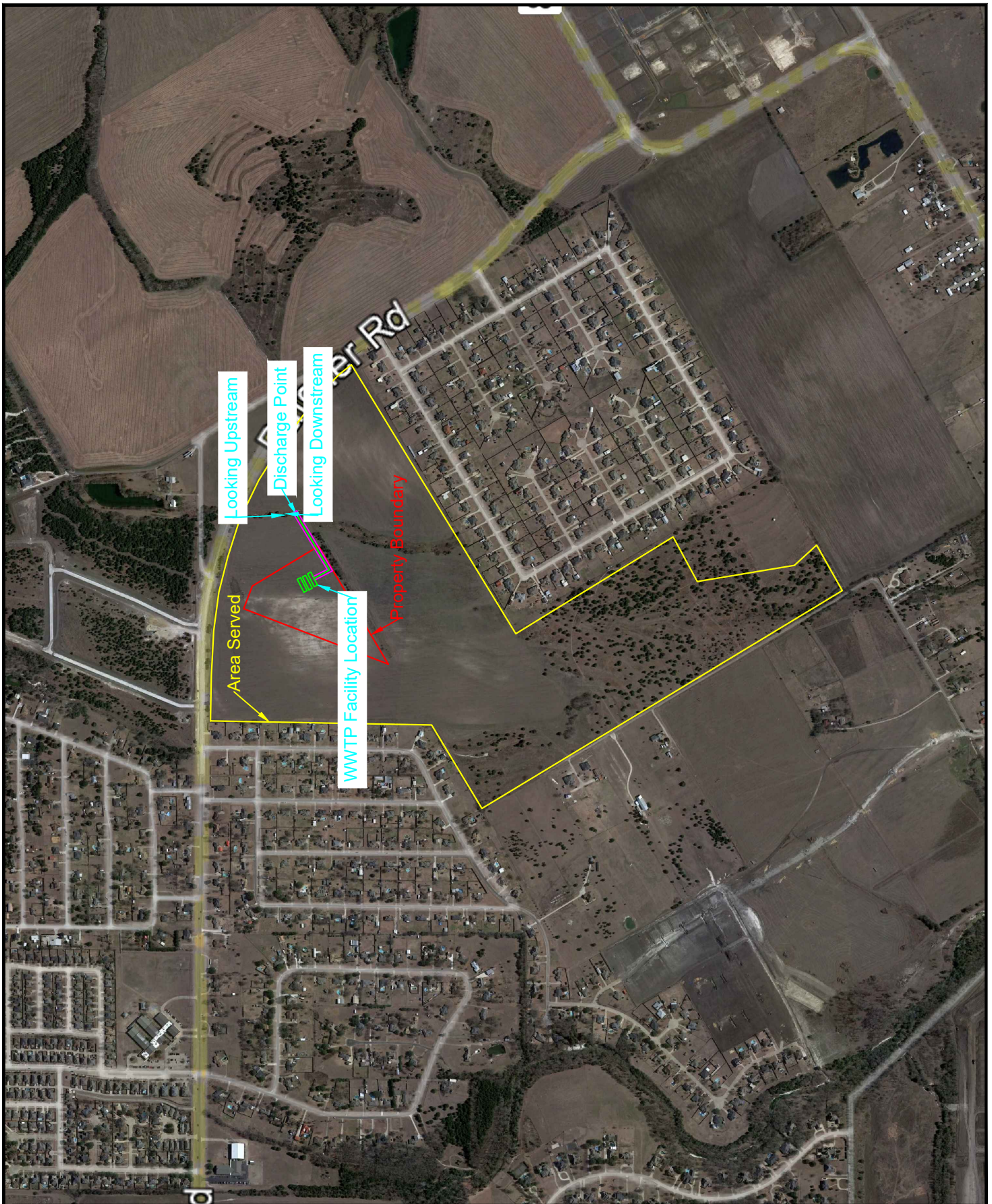
Upstream Photos

Exhibit VI

JIR-0019

Jireten 3 WWTP Photograph Location Map





Date
April 21, 2023

Drawn By
CE

Scale
1"=1000'

consulting **environmental** engineers, inc.
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(254)968-8130 fax: (254)968-8134 email: ce@ceeinc.org
registered firm #F-2323

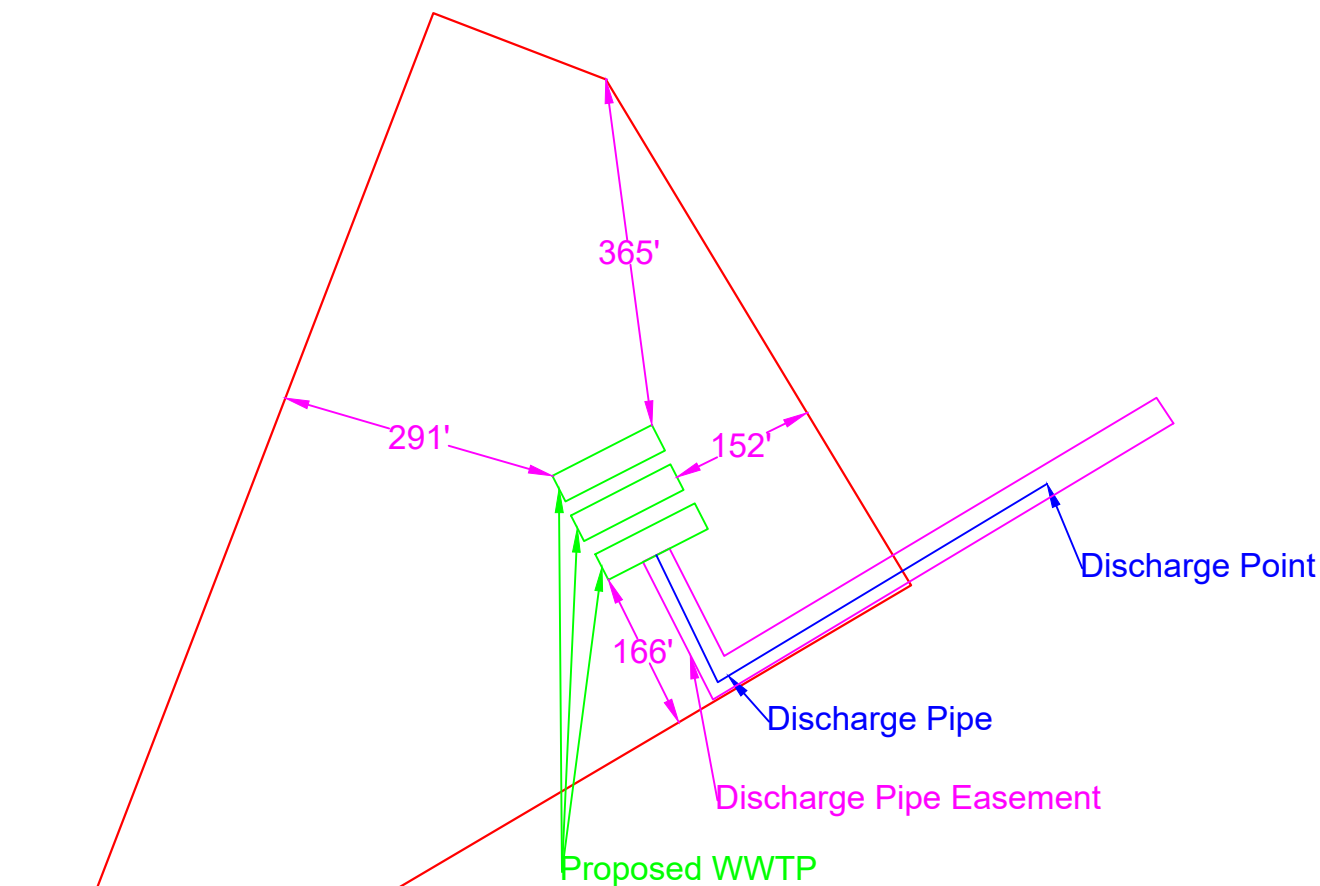
Development 3 Group
Jireten 3 WWTP
Waxahachie, Texas

Photograph Map

Sheet 007

Jireten 3 WWTP Buffer Zone Map





Date
April 20, 2023

Drawn By
CE

Scale
1":200'

consulting **environmental** engineers, inc.

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(254)968-8130 fax: (254)968-8134 email: ce@ceinc.org
registered firm: #F-2323

Development 3 Group
Jireten 3 WWTP
Waxahachie, Texas

Buffer Zone Map

Sheet 003

Jireten 3 WWTP SPIF Topographic Map



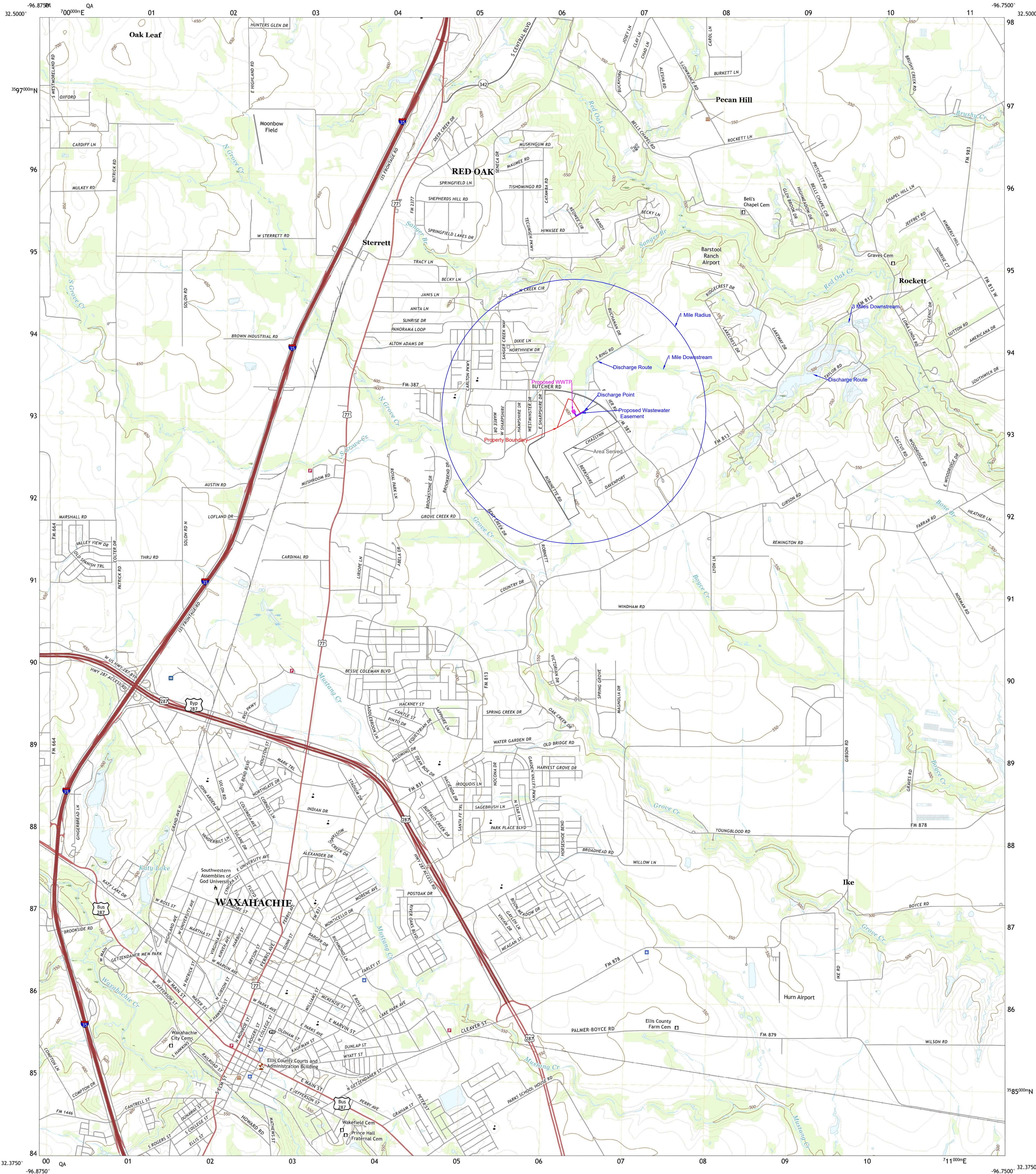
JIR 0024



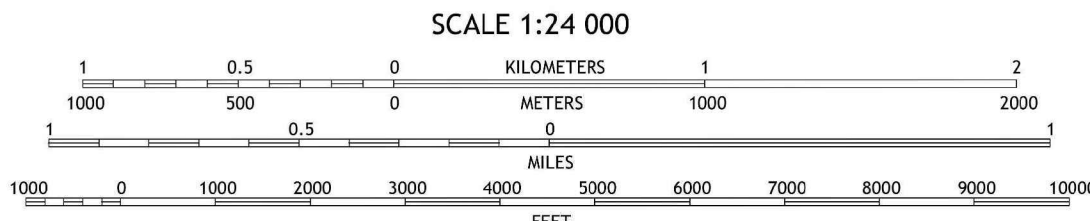
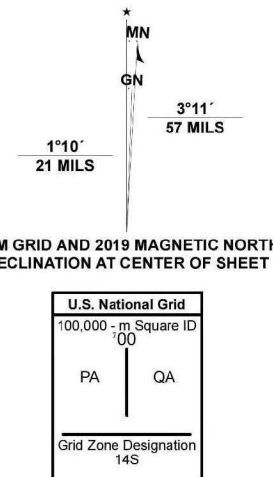
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



WAXAHACHIE QUADRANGLE
TEXAS - ELLIS COUNTY
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid/Universal Transverse Mercator, Zone 14S
This map is not a legal document. Boundaries may be
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entering private lands.
Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2018
Names.....GNIS, 1979 - 2022
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2021
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard.



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

1 Cedar Hill
2 Lancaster
3 Ferris
4 Midlothian
5 Palmer
6 Boz
7 Forrester
8 Emis West

ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Interstate Route
US Route
Local Connector
Local Road
4WD
State Route

WAXAHACHIE, TX
2022

Date
April 20, 2023
Drawn By
CE
Scale
1:1900

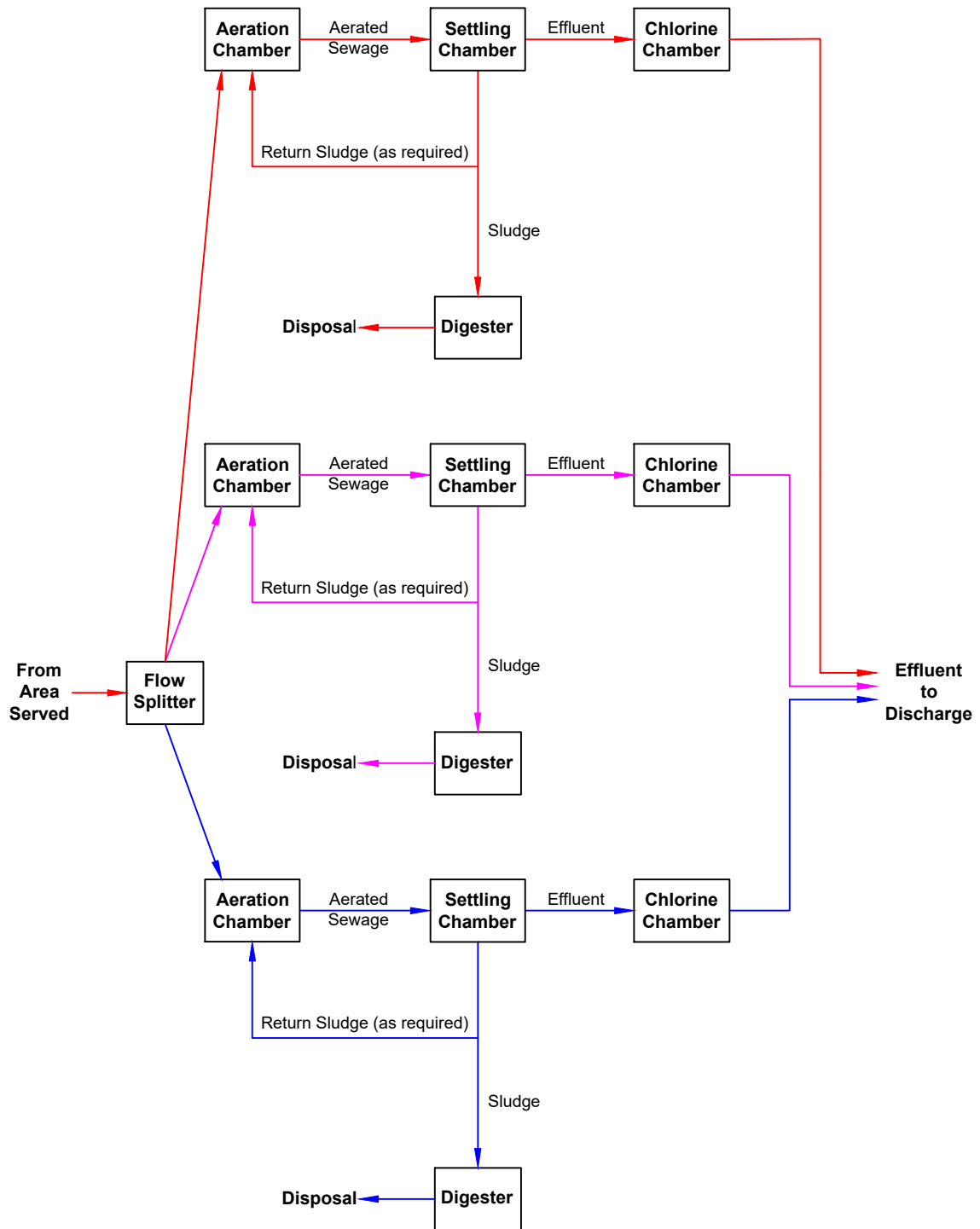
consulting **environmental** engineers, inc.
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(254)968-8130 fax: (254)968-8134 email: ce@ceinc.com
registered firm: #F-2323

Development 3 Group
Jireten 3 WWTP
Waxahachie, Texas
SPIF Topographic

Sheet 004

Jireten 3 WWTP Flow Diagram





Date
August 23, 2023
Drawn By
CE
Scale
NTS

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registered firm: #F-2323

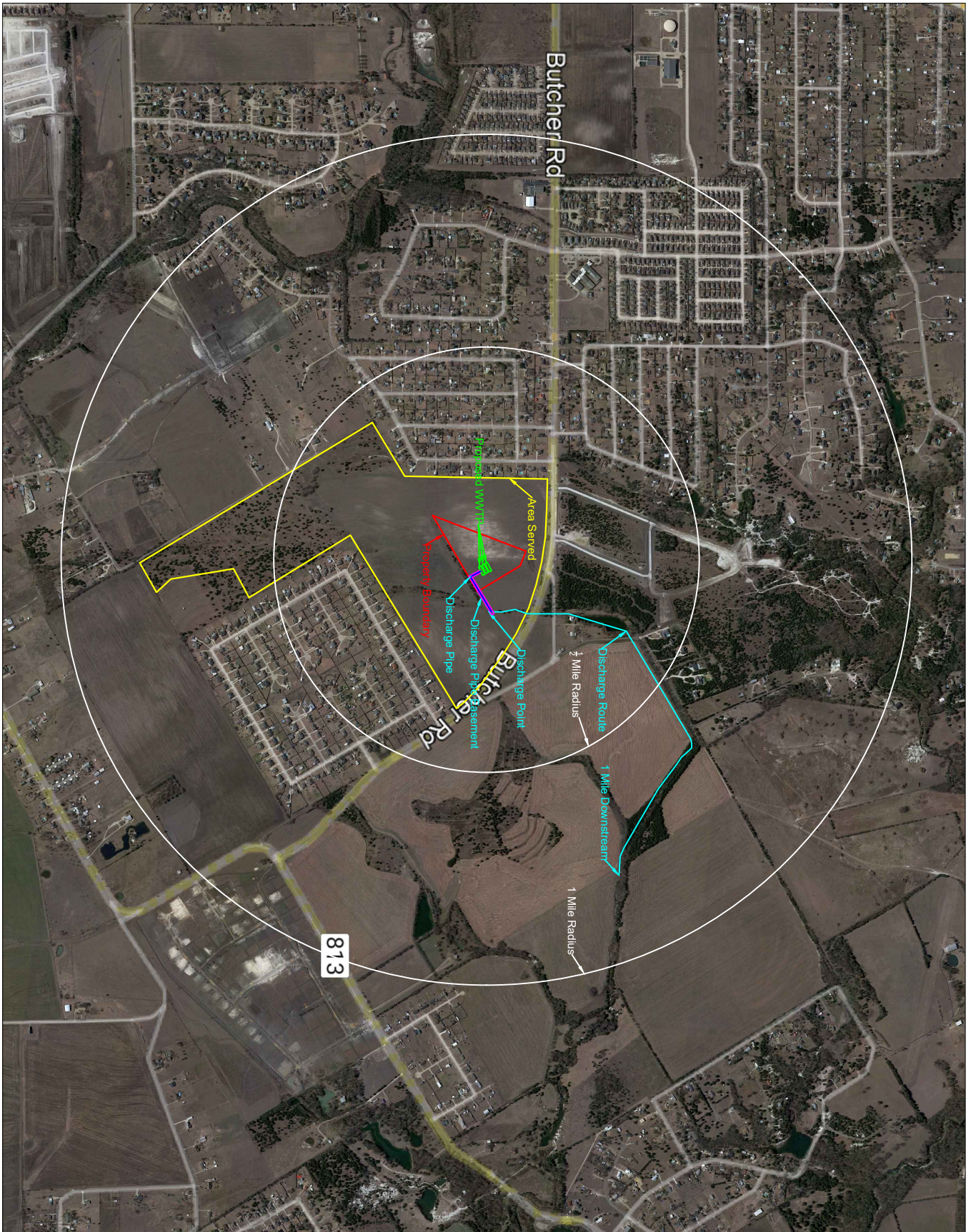
Development 3 Group
Jireten 3 WWTP
Waxahachie, Texas
Flow Diagram

Sheet 005

Jireten 3 WWTP Site Drawing



JIR 0028



Date
April 20, 2023

Drawn By
CE

Scale
1"=1700'

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Development 3 Group
Jireten 3 WWTP
Waxahachie, TX
Site Drawing

Sheet 006

Jireten 3 WWTP Close Proximity WWTP Data





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email: ceeinc@ceeinc.org registered firm: #F-2323

**LIST OF SEWER UTILITIES WITHIN 3 MILES
OF THE PROPOSED SERVICE AREA BOUNDARY**

City of Waxahachie
401 S. Rogers
Waxahachie, TX 75165

BBCP FTW 117, LLC
2121 Midway Rd STE 155
Carrollton, TX 75006

Matheson Tri-Gas Inc
1700 Scepter Rd
Waverly, TN 37185

Owens Corning Insulating Systems, LLC
3700 N Interstate Highway 35 E
Waxahachie, TX 75165

SRP SS, LLC
2121 Midway Rd STE 155
Carrollton, TX 75006

Trinity River Authority
PO Box 240
Arlington, TX 76004



Discussion with the City of Waxahachie

The request for service was mailed to the City of Waxahachie on February 15, 2023, and on March 7, 2023 they requested a revised request for service map which was provided to Mr. James Gaertner, the Executive Director of Public Works & Utilities, on March 9, 2023. The same day, Mr. Gaertner confirmed receipt of the revised map and recommended that the Applicant and City should meet to discuss the land use that is located within the city limits of the City of Waxahachie. To date no decision from the City of Waxahachie has been provided. Furthermore, the area served by the Applicant is in the process of de annexing the property served by the future WWTP, and a copy of the petitions to the City of Waxahachie are attached. The case number for the de annexation of the property is, ANX-DNX-76-223. Additionally, upon the purchasing of the land where the WWTP will be located, the Applicant and the City discussed the option of the City providing wastewater service to the area. The city decided that since the infrastructure in place was not able to provide service that the applicant would be in charge of gathering easements, and the installation of new infrastructure.

PETITION REQUESTING DISANNEXATION BY AREA LANDOWNER

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF WAXAHACHIE, TEXAS:

The undersigned, **Olin W. Gibbons, III** (the "Petitioner") hereby petitions the Mayor and City Council of the City of Waxahachie, Texas, a home rule municipality (the "City"), to remove and disannex from the corporate limits of the boundaries of the City, that portion of the following tract of land owned in fee by the undersigned (the "Proposed Disannexation Tract"):

Parcel 1: All that certain tract or parcel of land partially in the City of Waxahachie and being a called 39.67 acres situated in the MARGARET E. ALLEN SURVEY, Abstract No. 11 and in the G.W. YOUNGER SURVEY, Abstract No. 1195 in Ellis County, Texas, and being part of a called First Tract (called 320 acres) of land as described by deed recorded in Volume 367, Page 112 of the Deed Records of Ellis County, Texas (D.R.E.C.T). **Parcel 2:** All that certain tract or parcel of land in the City of Waxahachie and being a called 2.53 acres situated in the G.W. YOUNGER SURVEY, Abstract No. 1195 in Ellis County, Texas, and being a part of a called Fourth Tract (called 7.75 acres) of land as described by deed and recorded in Volume 367, Page 112 of the Deed Records of Ellis County, Texas (D.R.E.C.T), and being more particularly depicted in **Exhibit "A"** attached hereto.

The requested disannexation is authorized pursuant to Section 43.056 of the Texas Local Government Code. In support of this petition for consensual disannexation of the Proposed Disannexation Tract, the undersigned states as follows:

1. The City does not provide: police protection; ~~fire protection~~; emergency medical services; operation or maintenance of wastewater services; operation and maintenance of roads and street lighting; operation and maintenance of ~~parks, playgrounds~~ and swimming pools; nor operation and maintenance of any publicly owned facility, building or service.
2. More than 4 ½ years has passed since the annexation of the above-described parcel of land.

Petitioner certifies that the Proposed Disannexation Tract is contiguous and adjacent to Ellis County, TX; that this petition is being filed for the purposes described above; that this petition is for failure to provide services by the City; and that this petition is signed and duly acknowledged by Petitioner, which is the possessing party having a fee ownership interest in the Proposed Disannexation Tract.

By: _____

Name: **Olin w. Gibbons III**

Address: _____

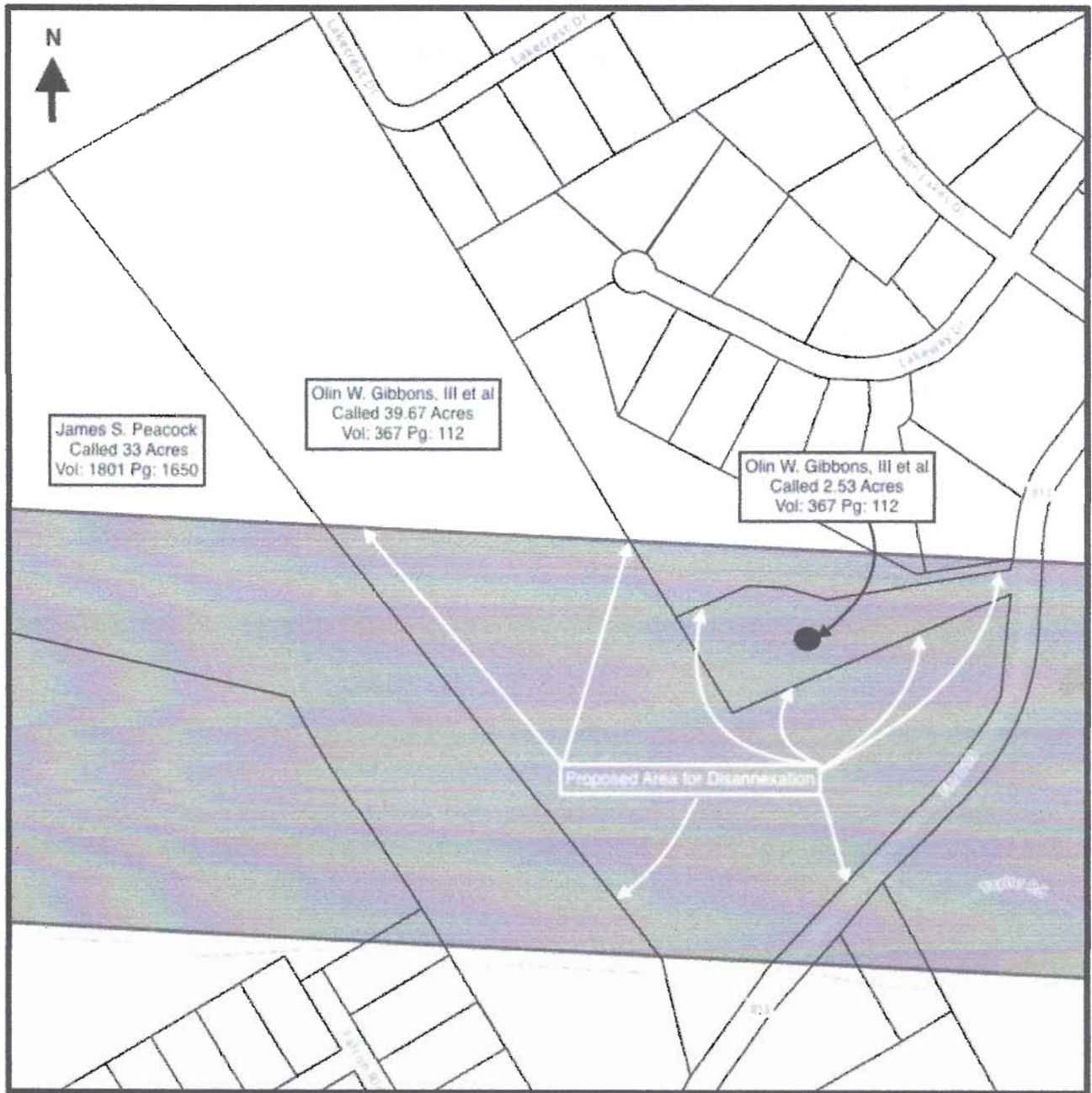
Voter Reg. _____

Precinct: _____

EXECUTED this the 15th day of MAY, 2023.

JIR 0033

EXHIBIT A



ACKNOWLEDGMENT

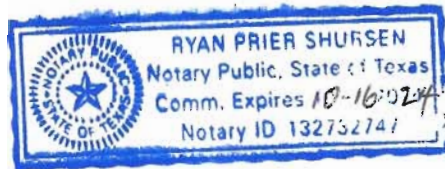
STATE OF TEXAS

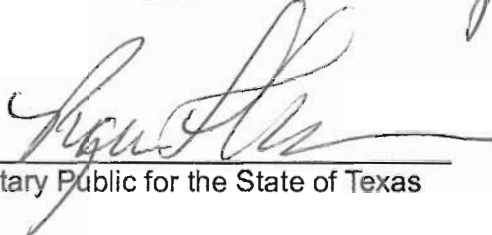
COUNTY OF Ellis

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§

BEFORE ME, the undersigned authority in and for said County, on this day personally appeared **Olin W. Gibbons III** known to me to be the person and duly authorized officer whose name is subscribed to the foregoing instrument, and who acknowledged to me that he executed the same of the purposes and considerations therein expressed and in the capacity therein stated on behalf of said entity.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 15th day of May,
2023.





Notary Public for the State of Texas

PETITION REQUESTING DISANNEXATION BY AREA LANDOWNER

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF WAXAHACHIE, TEXAS:

The undersigned, **Robert E. Cook and Regina L. Cook** (the "Petitioner") hereby petitions the Mayor and City Council of the City of Waxahachie, Texas, a home rule municipality (the "City"), to remove and disannex from the corporate limits of the boundaries of the City, that portion of the following tract of land owned in fee by the undersigned (the "Proposed Disannexation Tract"):

*All that certain tract or parcel of land partially in the City of Waxahachie and being a called 1 acre situated in the GEORGE W. YOUNGER SURVEY, Abstract No. 1195, in Ellis County, Texas, and being part of a called 352.358 acre tract described by deed recorded in Volume 579, Page 743, Deed Records, Ellis County, Texas (D.R.E.C.T.), and being more particularly depicted in **Exhibit "A"** attached hereto.*

The requested disannexation is authorized pursuant to Section 43.056 of the Texas Local Government Code. In support of this petition for consensual disannexation of the Proposed Disannexation Tract, the undersigned states as follows:

1. The City does not provide: police protection; fire protection; emergency medical services; operation or maintenance of wastewater services; operation and maintenance of roads and street lighting; operation and maintenance of parks, playgrounds and swimming pools; nor operation and maintenance of any publicly owned facility, building or service.
2. More than 4 ½ years has passed since the annexation of the above-described parcel of land.

Petitioner certifies that the Proposed Disannexation Tract is contiguous and adjacent to Ellis County, TX; that this petition is being filed for the purposes described above; that this petition is for failure to provide services by the City; and that this petition is signed and duly acknowledged by Petitioner, which is the sole party having a fee ownership interest in the Proposed Disannexation Tract.

By: Robert E. Cook, Jr.

Name: **Robert E. Cook, Jr.**

Address: 8037 FM 813, WAXAHACHIE 78165

Voter Reg. 1205192168 Precinct: 143

EXECUTED this the 15th day of May, 2023.

By: Regina L. Cook

Name: **Regina L. Cook**

Address: 5037 FM 813 Wadsworth, TX 75165

Voter Reg. _____ Precinct: 143

EXECUTED this the 15th day of May, 2023.

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ACKNOWLEDGMENT

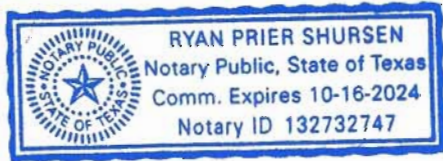
STATE OF TEXAS

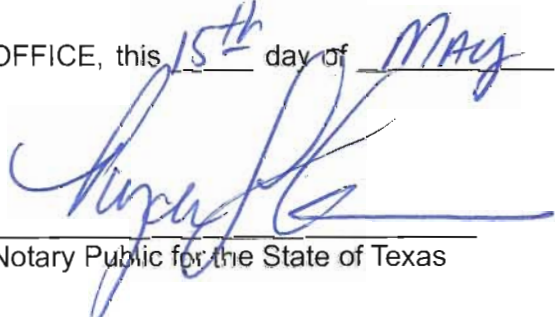
COUNTY OF ELLIS

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BEFORE ME, the undersigned authority in and for said County, on this day personally appeared **Robert E. Cook** ^{SR} known to me to be the person and duly authorized officer whose name is subscribed to the foregoing instrument, and who acknowledged to me that he executed the same of the purposes and considerations therein expressed and in the capacity therein stated on behalf of said entity.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 15th day of MAY, 2023.




Notary Public for the State of Texas

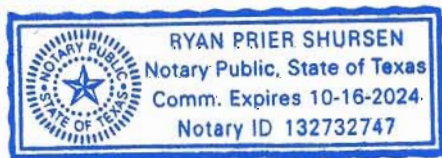
STATE OF TEXAS

COUNTY OF ELLIS

§
§
§

BEFORE ME, the undersigned authority in and for said County, on this day personally appeared **Regina L. Cook** known to me to be the person and duly authorized officer whose name is subscribed to the foregoing instrument, and who acknowledged to me that he executed the same of the purposes and considerations therein expressed and in the capacity therein stated on behalf of said entity.

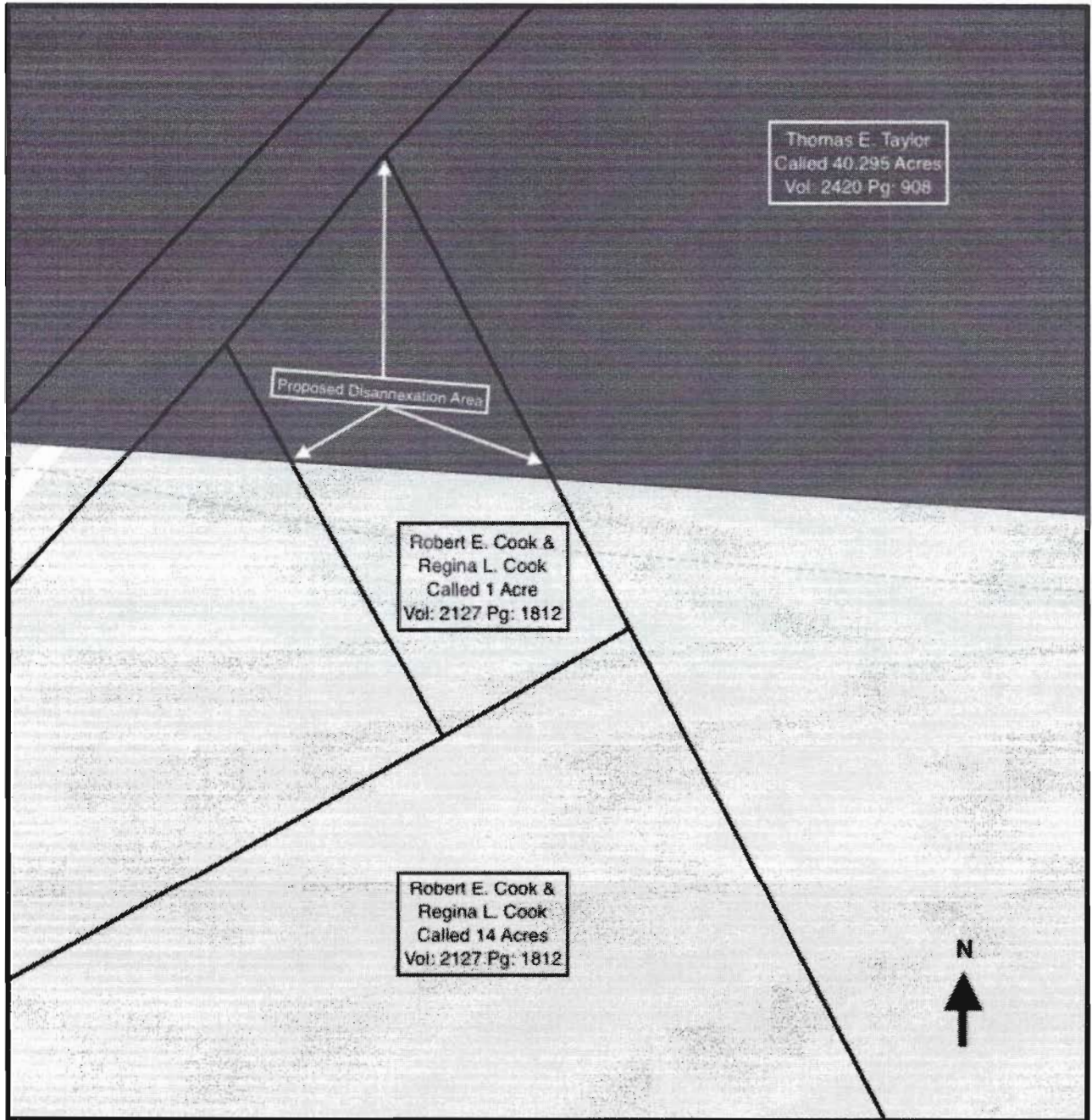
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 15th day of MAY, 2023.




Notary Public for the State of Texas

JIR 0038

EXHIBIT A



PETITION REQUESTING DISANNEXATION BY AREA LANDOWNER

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF WAXAHACHIE, TEXAS:

The undersigned, **Clay H. Estes** (the "Petitioner") hereby petitions the Mayor and City Council of the City of Waxahachie, Texas, a home rule municipality (the "City"), to remove and disannex from the corporate limits of the boundaries of the City, that portion of the following tract of land owned in fee by the undersigned (the "Proposed Disannexation Tract"):

*All that certain tract or parcel of land partially in the City of Waxahachie and being 320 acres situated in the MARGARET E ALLEN SURVEY of 640 acres and being that same parcel or tract of land conveyed to Clay H. Estes by deed in Volume 1716, Page 578, Deed Records, Ellis County, TX (D.R.E.C.T). **Save and except:** a tract or parcel of land of 4.409 acres more or less, out of the above-described 320 acre tract (which is hereafter described as a 318.409 acre tract) and being more particularly depicted in **Exhibit "A"** attached hereto.*

The requested disannexation is authorized pursuant to Section 43.056 of the Texas Local Government Code. In support of this petition for consensual disannexation of the Proposed Disannexation Tract, the undersigned states as follows:

1. The City does not provide: police protection; fire protection; emergency medical services; solid waste collection; operation or maintenance of wastewater services; operation and maintenance of roads and street lighting; operation and maintenance of parks, playgrounds and swimming pools; nor operation and maintenance of any publicly owned facility, building or service.
2. More than 4 ½ years has passed since the annexation of the above-described parcel of land.

Petitioner certifies that the Proposed Disannexation Tract is contiguous and adjacent to Ellis County, TX; that this petition is being filed for the purposes described above; that this petition is for failure to provide services by the City; and that this petition is signed and duly acknowledged by Petitioner, which is the sole party having a fee ownership interest in the Proposed Disannexation Tract.

By: Clay H. Estes

Name: **Clay H. Estes**

Address: _____

Voter Reg. _____ Precinct: _____

Date: 5/9/2023

EXECUTED this the 9th day of May, 2023.

ACKNOWLEDGMENT

STATE OF TEXAS §
COUNTY OF Dallas §
 §

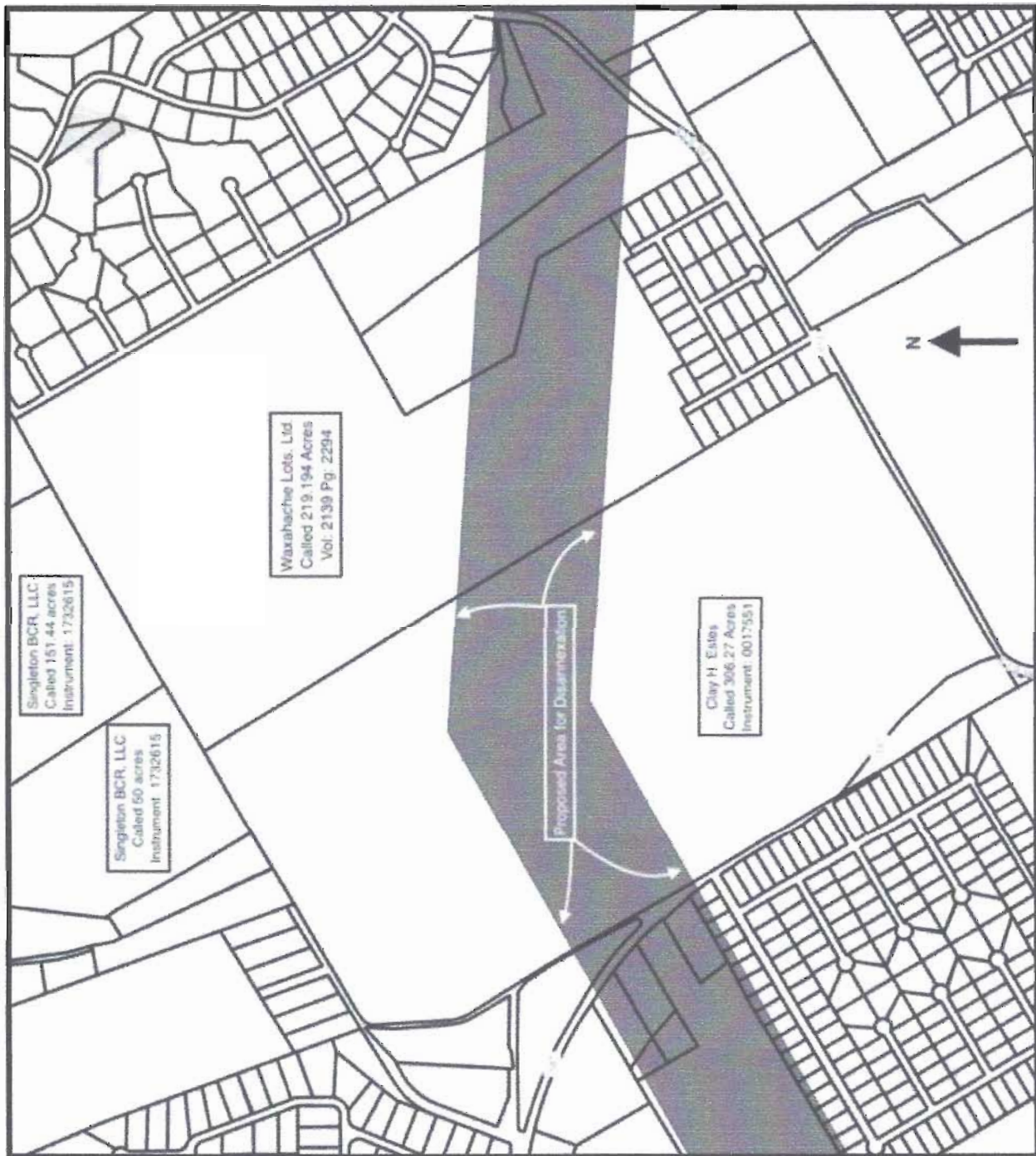
BEFORE ME, the undersigned authority in and for said County, on this day personally appeared **Clay H. Estes** known to me to be the person and duly authorized officer whose name is subscribed to the foregoing instrument, and who acknowledged to me that he executed the same of the purposes and considerations therein expressed and in the capacity therein stated on behalf of said entity.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 9th day of May, 2023.




Notary Public for the State of Texas

EXHIBIT A



PETITION REQUESTING DISANNEXATION BY AREA LANDOWNER

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF WAXAHACHIE, TEXAS:



The undersigned, **Robert B. Price and Rachael K. Price (nee Walters)** (the "Petitioner") hereby petitions the Mayor and City Council of the City of Waxahachie, Texas, a home rule municipality (the "City"), to remove and disannex from the corporate limits of the boundaries of the City, that portion of the following tract of land owned in fee by the undersigned (the "Proposed Disannexation Tract"):

*All that certain tract or parcel of land partially in the City of Waxahachie and being situated in the Harvey Smith Survey, Abstract No. 1195, Ellis County, Texas and being all of the 5.037 acre tract of land conveyed to James Ray Driver and Nancy J. Driver by Warranty Deed recorded in Volume 535, Page 349 of the Deed Records, Ellis County, TX (D.R.E.C.T) and being more particularly depicted in **Exhibit "A"** attached hereto.*

The requested disannexation is authorized pursuant to Section 43.056 of the Texas Local Government Code. In support of this petition for consensual disannexation of the Proposed Disannexation Tract, the undersigned states as follows:

1. The City does not provide: police protection; fire protection; emergency medical services; solid waste collection; operation or maintenance of wastewater services; operation and maintenance of roads and street lighting; operation and maintenance of parks, playgrounds and swimming pools; nor operation and maintenance of any publicly owned facility, building or service.
2. More than 4 ½ years has passed since the annexation of the above-described parcel of land.

Petitioner certifies that the Proposed Disannexation Tract is contiguous and adjacent to Ellis County, TX; that this petition is being filed for the purposes described above; that this petition is for failure to provide services by the City; and that this petition is signed and duly acknowledged by Petitioner, which is the sole party having a fee ownership interest in the Proposed Disannexation Tract.

By:  By: 

Name: **Robert B. Price**

Rachael K. Price

Voter Reg. _____ Precinct: _____ Voter Reg: _____ Precinct: _____

Address: 5171 FM 813 Waxahachie, TX. 75165

Date: 3-MAY-2023

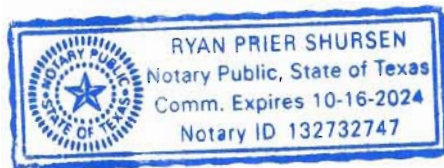
EXECUTED this the 3rd day of May, 2023.

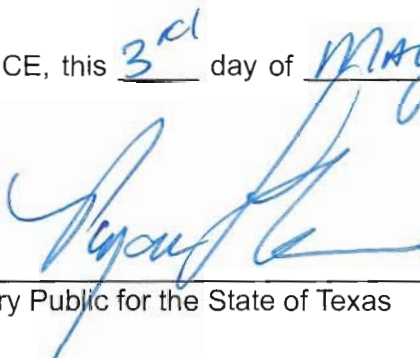
ACKNOWLEDGMENT

STATE OF TEXAS §
COUNTY OF ELLIS §
 §

BEFORE ME, the undersigned authority in and for said County, on this day personally appeared **Robert B. Price and Rachael K. Price** known to me to be the person and duly authorized officer whose name is subscribed to the foregoing instrument, and who acknowledged to me that he executed the same of the purposes and considerations therein expressed and in the capacity therein stated on behalf of said entity.

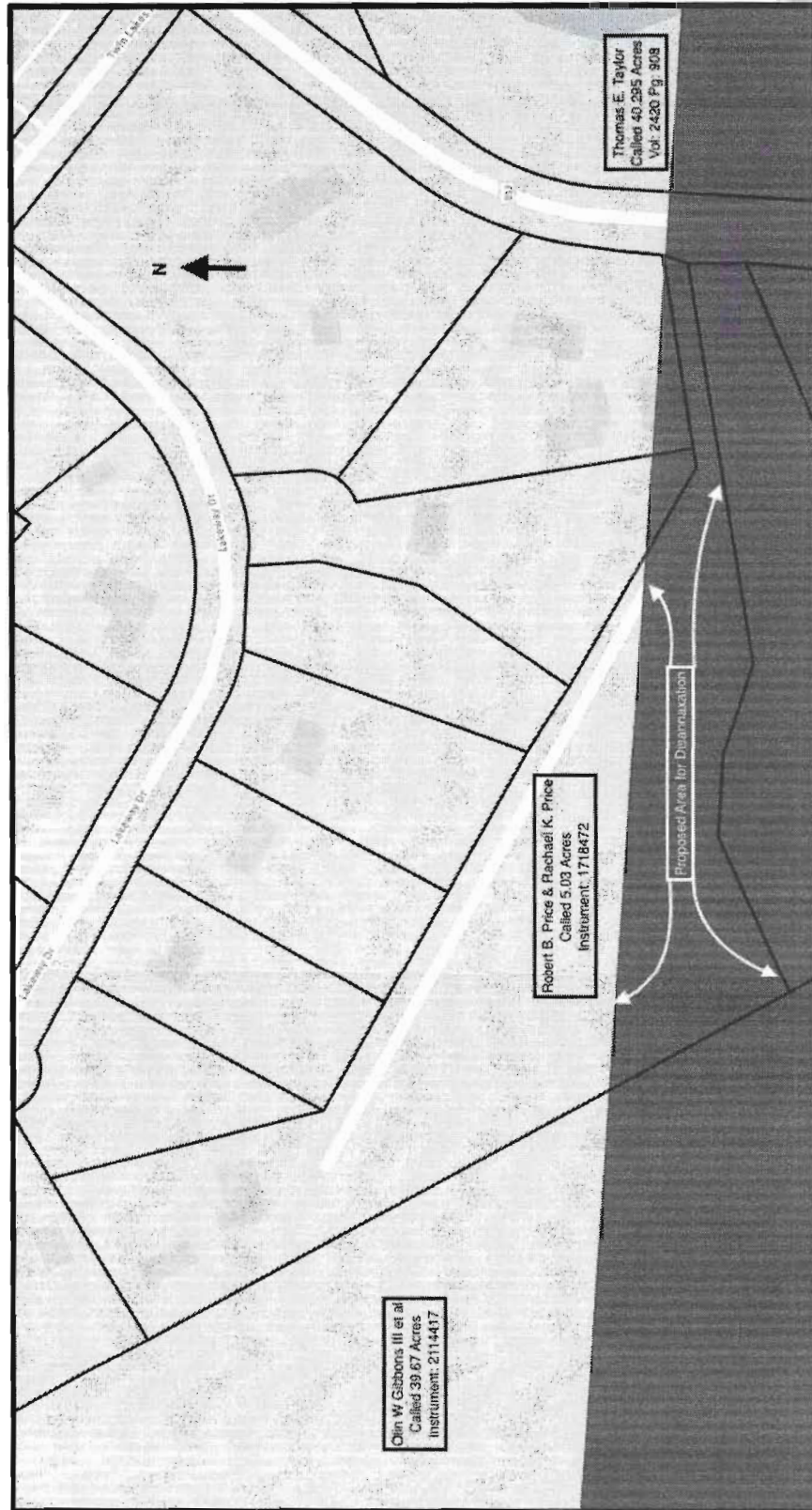
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 3rd day of May, 2023.





Notary Public for the State of Texas

EXHIBIT A



PETITION REQUESTING DISANNEXATION BY AREA LANDOWNER

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF WAXAHACHIE, TEXAS:


The undersigned, **MKK Homes, LLC a Texas Limited Liability Company** (the "Petitioner") hereby petitions the Mayor and City Council of the City of Waxahachie, Texas, a home rule municipality (the "City"), to remove and disannex from the corporate limits of the boundaries of the City, that portion of the following tract of land owned in fee by the undersigned (the "Proposed Disannexation Tract"):

*All that certain tract or parcel of land being situated in the Ashton Slayback Survey, Abstract No. 1005, in the City of Waxahachie, Ellis County, Texas, and being a portion of the 80.015 acre tract of land conveyed to Trelan Land, LLC by special warranty deed recorded in instrument number 2121222 of the official public records of Ellis County, Texas (O.P.R.E.C.T.), being that same tract of land conveyed to MKK Homes, LLC by instrument 2236256 of the official public records of Ellis County, Texas (O.P.R.E.C.T.) and being more particularly depicted in **Exhibit "A"** attached hereto.*

The requested disannexation is authorized pursuant to Section 43.056 of the Texas Local Government Code. In support of this petition for consensual disannexation of the Proposed Disannexation Tract, the undersigned states as follows:

1. The City does not provide: police protection; fire protection; emergency medical services; solid waste collection; operation or maintenance of wastewater services; operation and maintenance of roads and street lighting; operation and maintenance of parks, playgrounds and swimming pools; nor operation and maintenance of any publicly owned facility, building or service.
2. More than 4 ½ years has passed since the annexation of the above-described parcel of land.

Petitioner certifies that the Proposed Disannexation Tract is contiguous and adjacent to Ellis County, TX; that this petition is being filed for the purposes described above; that this petition is for failure to provide services by the City; and that this petition is signed and duly acknowledged by Petitioner, which is the sole party having a fee ownership interest in the Proposed Disannexation Tract.

By: 

Name: Miguel A Vega, Managing Member, MKK Homes LLC

Voter Reg. _____ Precinct: _____ Voter Reg: _____ Precinct: _____

Address: 221 NT Stewart ave Lancaster Tx 75146

EXECUTED this the 3rd day of May, 2023.

ACKNOWLEDGMENT

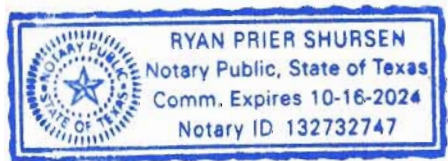
STATE OF TEXAS

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COUNTY OF ELLIS

BEFORE ME, the undersigned authority in and for said County, on this day personally appeared MIGUEL A. VEGA, **Managing Member, MKK Homes, LLC a Texas Limited Liability Company** known to me to be the person and duly authorized officer whose name is subscribed to the foregoing instrument, and who acknowledged to me that he executed the same of the purposes and considerations therein expressed and in the capacity therein stated on behalf of said entity.

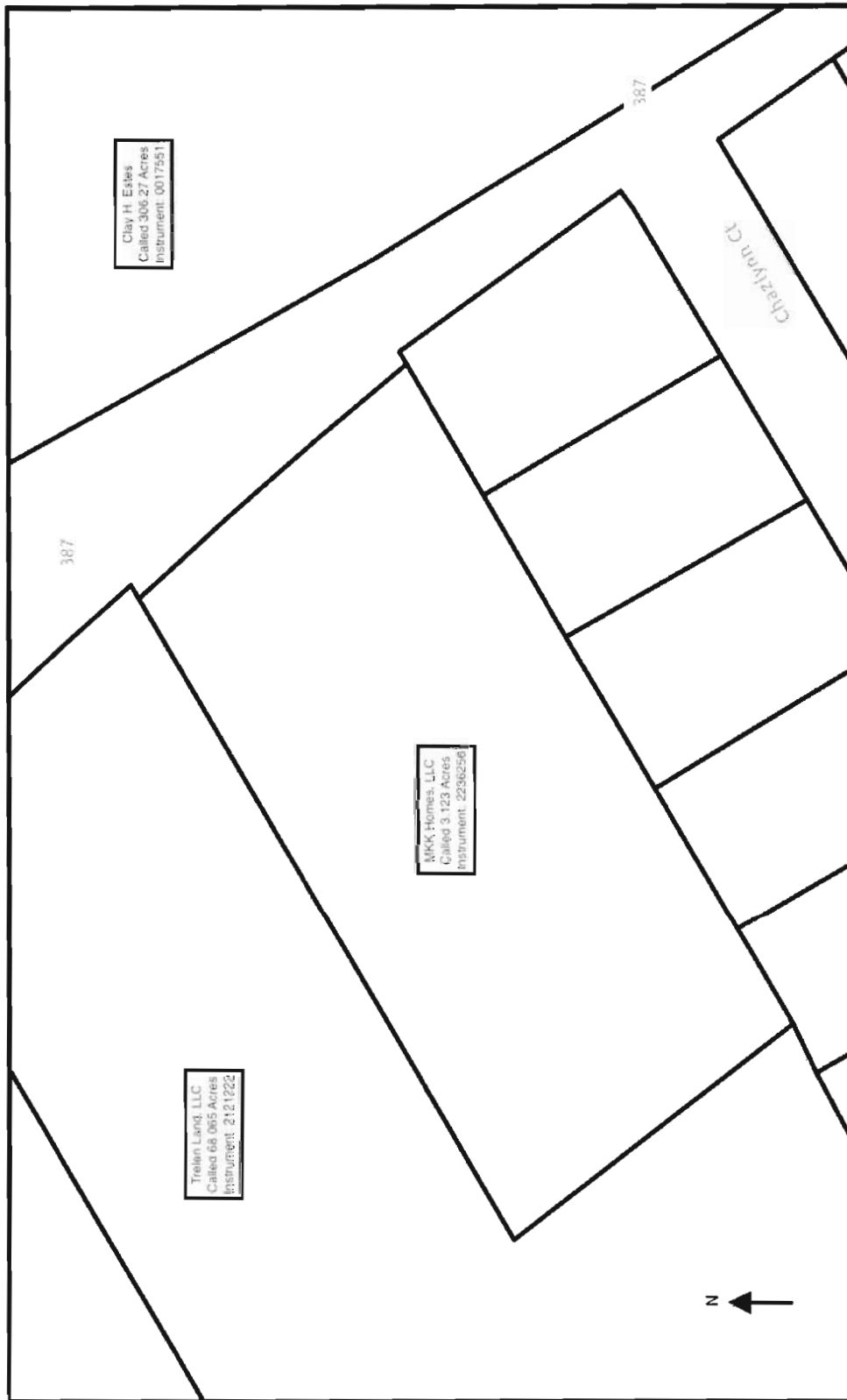
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 3rd day of May, 2023.





Notary Public for the State of Texas

EXHIBIT A



PETITION REQUESTING DISANNEXATION BY AREA LANDOWNER

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF WAXAHACHIE, TEXAS:

The undersigned, **Gerardo Garcia and Crystal J. Rodriguez** (the "Petitioner") hereby petitions the Mayor and City Council of the City of Waxahachie, Texas, a home rule municipality (the "City"), to remove and disannex from the corporate limits of the boundaries of the City, that portion of the following tract of land owned in fee by the undersigned (the "Proposed Disannexation Tract"):

*All that certain tract or parcel of land being situated in the Ashton Slayback Survey, Abstract No. 1005 and in the John F Stroope Survey, Abstract No. 1042, in the City of Waxahachie, Ellis County, Texas, and being a portion of the 80.015 acre tract of land conveyed to Trelan Land, LLC by special warranty deed recorded in instrument number 2121222 of the official public records of Ellis County, Texas (O.P.R.E.C.T.) and a portion of the 50.489 acre tract of land conveyed to Turnerville Holdings, LLC by special warranty deed recorded in instrument number 2121221, being that same tract of land conveyed to Gerardo Garcia and Crystal J. Rodriguez in instrument number 2246827 and instrument number 2230324 of the official public records of Ellis County, Texas (O.P.R.E.C.T.) and being more particularly depicted in **Exhibit "A"** attached hereto.*

The requested disannexation is authorized pursuant to Section 43.056 of the Texas Local Government Code. In support of this petition for consensual disannexation of the Proposed Disannexation Tract, the undersigned states as follows:

1. The City does not provide: police protection; fire protection; emergency medical services; solid waste collection; operation or maintenance of wastewater services; operation and maintenance of roads and street lighting; operation and maintenance of parks, playgrounds and swimming pools; nor operation and maintenance of any publicly owned facility, building or service.
2. More than 4 ½ years has passed since the annexation of the above-described parcel of land.

Petitioner certifies that the Proposed Disannexation Tract is contiguous and adjacent to Ellis County, TX; that this petition is being filed for the purposes described above; that this petition is for failure to provide services by the City; and that this petition is signed and duly acknowledged by Petitioner, which is the sole party having a fee ownership interest in the Proposed Disannexation Tract.

By: Gerardo Garcia

By: Crystal Rodriguez

Name: **Gerardo Garcia**

Crystal J. Rodriguez

Voter Reg. 21277674⁹⁹ Precinct: 4056 Voter Reg: _____ Precinct: _____

Address: 21034 Engr. Ave. Dallas, TX 75233

Date: 5/03/2023

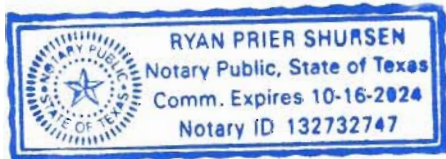
EXECUTED this the 3rd day of MAY, 2023.


ACKNOWLEDGMENT

STATE OF TEXAS §
 §
COUNTY OF ELLIS §

BEFORE ME, the undersigned authority in and for said County, on this day personally appeared **Gerardo Garcia and Crystal J. Rodriguez** known to me to be the person and duly authorized officer whose name is subscribed to the foregoing instrument, and who acknowledged to me that he executed the same of the purposes and considerations therein expressed and in the capacity therein stated on behalf of said entity.

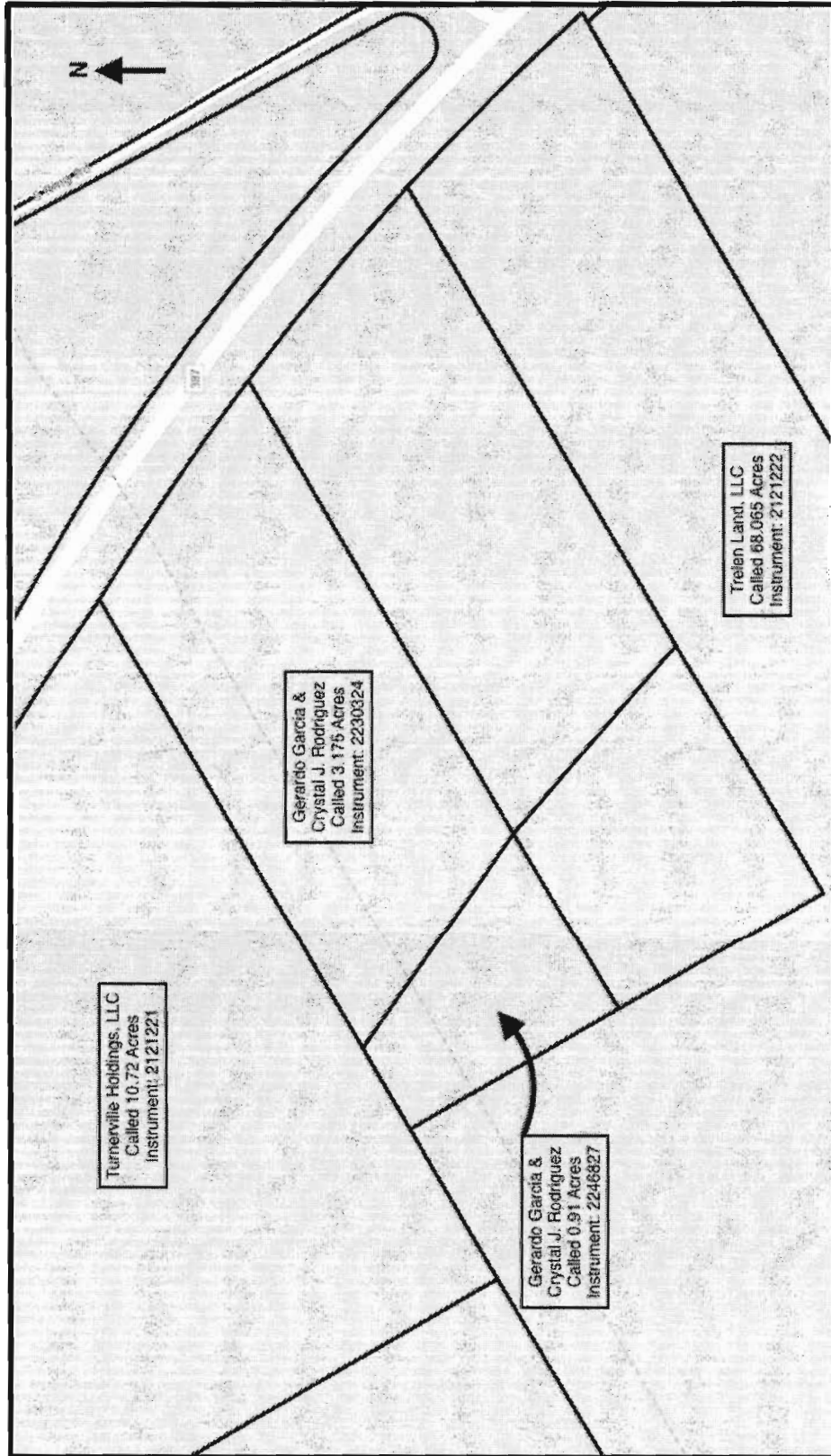
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 3rd day of MAY, 2023.





Notary Public for the State of Texas

EXHIBIT A



PETITION REQUESTING DISANNEXATION BY AREA LANDOWNER

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF WAXAHACHIE, TEXAS:

The undersigned, **Jorge Montes and Yael Montes** (the "Petitioner") hereby petitions the Mayor and City Council of the City of Waxahachie, Texas, a home rule municipality (the "City"), to remove and disannex from the corporate limits of the boundaries of the City, that portion of the following tract of land owned in fee by the undersigned (the "Proposed Disannexation Tract"):

*All that certain tract or parcel of land being situated in the Ashton Slayback Survey, Abstract No. 1005, in the City of Waxahachie, Ellis County, Texas, and being a portion of the 80.015 acre tract of land conveyed to Trelen Land, LLC by special warranty deed recorded in instrument number 2121222 of the official public records of Ellis County, Texas (O.P.R.E.C.T.), being that same tract of land conveyed to Jorge Montes and Yael Montes in instrument number 2246817 and instrument number 2234389 of the official public records of Ellis County, Texas (O.P.R.E.C.T.) and being more particularly depicted in **Exhibit "A"** attached hereto.*

The requested disannexation is authorized pursuant to Section 43.056 of the Texas Local Government Code. In support of this petition for consensual disannexation of the Proposed Disannexation Tract, the undersigned states as follows:

1. The City does not provide: police protection; fire protection; emergency medical services; solid waste collection; operation or maintenance of wastewater services; operation and maintenance of roads and street lighting; operation and maintenance of parks, playgrounds and swimming pools; nor operation and maintenance of any publicly owned facility, building or service.
2. More than 4 ½ years has passed since the annexation of the above-described parcel of land.

Petitioner certifies that the Proposed Disannexation Tract is contiguous and adjacent to Ellis County, TX; that this petition is being filed for the purposes described above; that this petition is for failure to provide services by the City; and that this petition is signed and duly acknowledged by Petitioner, which is the sole party having a fee ownership interest in the Proposed Disannexation Tract.

By: 

Name: **Jorge Montes**

By: 

Name: **Yael Montes**

Voter Reg. _____ Precinct: _____ Voter Reg: _____ Precinct: _____

Address: 1404 FM 387 WAXAHACHIE, TX 75165

Date: 3 - MAY - 2023

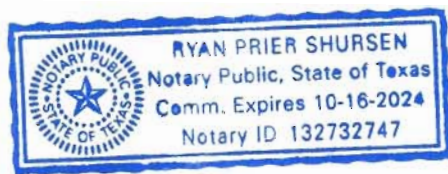
EXECUTED this the 3rd day of May, 2023.


ACKNOWLEDGMENT

STATE OF TEXAS §
 §
COUNTY OF ELIAS §

BEFORE ME, the undersigned authority in and for said County, on this day personally appeared **Jorge Montes and Yael Montes** known to me to be the person and duly authorized officer whose name is subscribed to the foregoing instrument, and who acknowledged to me that he executed the same of the purposes and considerations therein expressed and in the capacity therein stated on behalf of said entity.

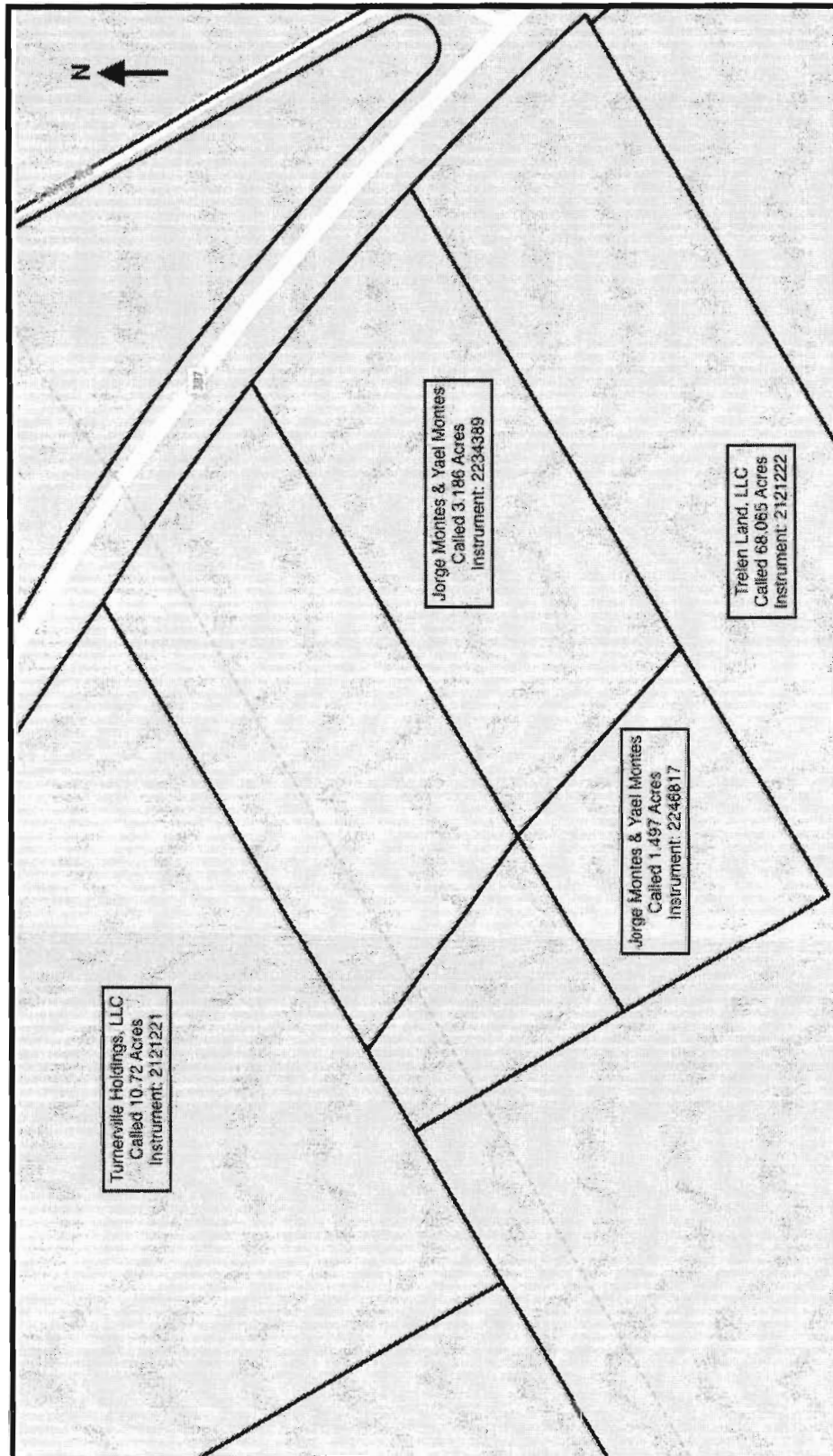
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 3rd day of May, 2023.





Notary Public for the State of Texas

EXHIBIT A



PETITION REQUESTING DISANNEXATION BY AREA LANDOWNER

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF WAXAHACHIE, TEXAS:

The undersigned, **Thomas E. Taylor** (the "Petitioner") hereby petitions the Mayor and City Council of the City of Waxahachie, Texas, a home rule municipality (the "City"), to remove and disannex from the corporate limits of the boundaries of the City, that portion of the following tract of land owned in fee by the undersigned (the "Proposed Disannexation Tract"):

*All that certain tract or parcel of land partially in the City of Waxahachie and being a called 40.295 acres situated in the G.W. YOUNGER SURVEY, Abstract No. 1195, and being part of a called 83.84 acre tract of land described in Volume 747, Page 985, Deed Records, Ellis County, Texas (D.R.E.C.T.) and being that same parcel or tract of land conveyed Thomas E. Taylor by deed in Volume 2420, Page 908, Official Public Records, Ellis County, TX (O.P.R.E.C.T), and being more particularly depicted in **Exhibit "A"** attached hereto.*

The requested disannexation is authorized pursuant to Section 43.056 of the Texas Local Government Code. In support of this petition for consensual disannexation of the Proposed Disannexation Tract, the undersigned states as follows:

1. The City does not provide: police protection; fire protection; emergency medical services; solid waste collection; operation or maintenance of wastewater services; operation and maintenance of roads and street lighting; operation and maintenance of parks, playgrounds and swimming pools; nor operation and maintenance of any publicly owned facility, building or service.
2. More than 4 ½ years has passed since the annexation of the above-described parcel of land.

Petitioner certifies that the Proposed Disannexation Tract is contiguous and adjacent to Ellis County, TX; that this petition is being filed for the purposes described above; that this petition is for failure to provide services by the City; and that this petition is signed and duly acknowledged by Petitioner, which is the sole party having a fee ownership interest in the Proposed Disannexation Tract.

By: Thomas E. Taylor

Name: **Thomas E. Taylor**

Address: 921 TAYLOR Rd. WAXAHACHIE TX 75165

Voter Reg. _____ Precinct: _____

EXECUTED this the 3rd day of May, 2023.

ACKNOWLEDGMENT

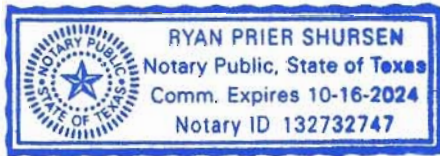
STATE OF TEXAS

COUNTY OF ELLIS

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§

BEFORE ME, the undersigned authority in and for said County, on this day personally appeared **Thomas E. Taylor** known to me to be the person and duly authorized officer whose name is subscribed to the foregoing instrument, and who acknowledged to me that he executed the same of the purposes and considerations therein expressed and in the capacity therein stated on behalf of said entity.

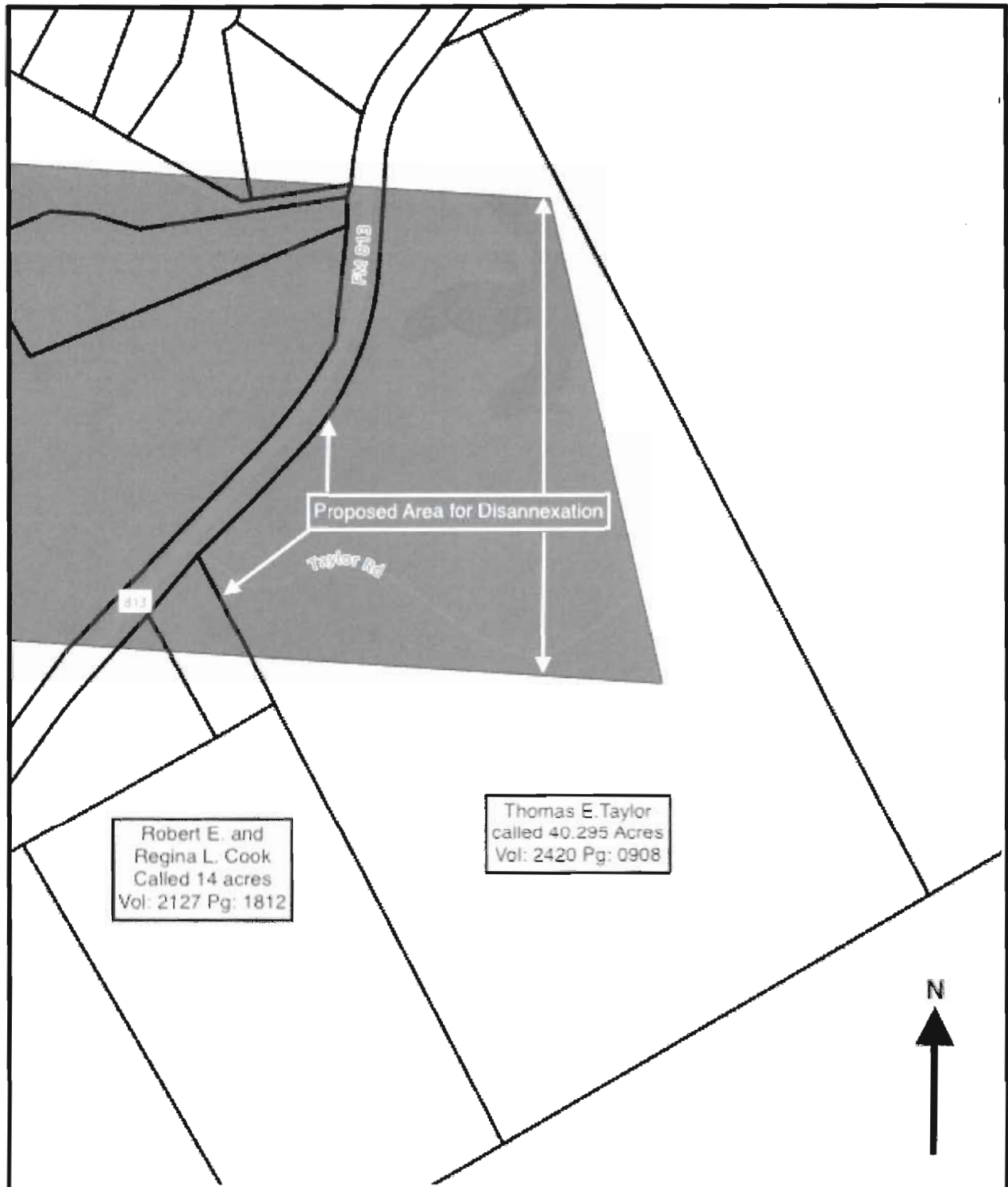
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 3rd day of MAY, 2023.





Notary Public for the State of Texas

EXHIBIT A



PETITION REQUESTING DISANNEXATION BY AREA LANDOWNER

TO THE MAYOR AND CITY COUNCIL OF THE CITY OF WAXAHACHIE, TEXAS:

The undersigned **Trelen Land, LLC a Texas Limited Liability Company** (the "Petitioner") hereby petitions the Mayor and City Council of the City of Waxahachie, Texas, a home rule municipality (the "City"), to remove and disannex from the corporate limits of the boundaries of the City, that portion of the following tract of land owned in fee by the undersigned (the "Proposed Disannexation Tract"):

*Being 70.472 acres and the remainder of 80.015 acres out of a 179.612 acre tract or parcel of land partially in the City of Waxahachie and situated in the A. Slayback Survey, Abstract No. 1005, and the J.F. Stroope Survey, Abstract No. 342, in Ellis County, Texas and being the same land as described in the General Warranty Deed, dated April 26, 2001, Develop 3 Group, LLC, Grantor to Butcher-Robinett Realty, LLC, Grantee; and being more particularly depicted in **Exhibit "A"** attached hereto.*

The requested disannexation is authorized pursuant to Section 43.056 of the Texas Local Government Code. In support of this petition for consensual disannexation of the Proposed Disannexation Tract, the undersigned states as follows:

1. The City does not provide: police protection; fire protection; emergency medical services; solid waste collection; operation or maintenance of wastewater services; operation and maintenance of roads and street lighting; operation and maintenance of parks, playgrounds and swimming pools; nor operation and maintenance of any publicly owned facility, building or service.
2. More than 4 ½ years has passed since the annexation of the above described parcel of land.

Petitioner certifies that the Proposed Disannexation Tract is contiguous and adjacent to Ellis County, TX; that this petition is being filed for the purposes described above; that this petition is for failure to provide services by the City; and that this petition is signed and duly acknowledged by Petitioner, which is the sole party having a fee ownership interest in the Proposed Disannexation Tract.

By: 

Keith Davis, Managing Member, Trelen Land, LLC a Texas Limited Liability Company

Address: PO Box 140981 IRVING, TX 75014

Voter Reg. _____ Precinct: _____

Date: 10 - MAY - 2023

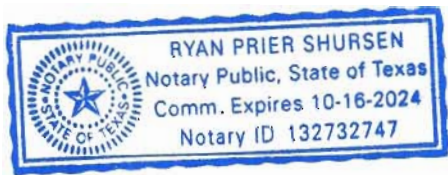
EXECUTED this the 10th day of May, 2023.

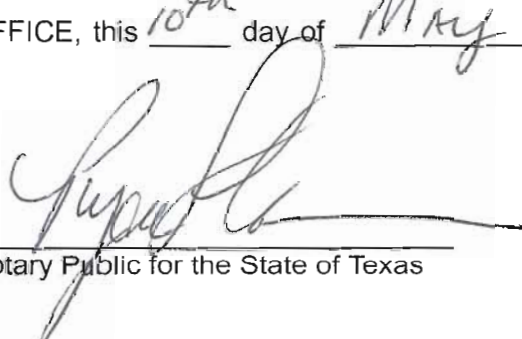
ACKNOWLEDGMENT

STATE OF TEXAS §
 §
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority in and for said County, on this day personally appeared **Keith Davis, Managing Member, Trelen Land, LLC a Texas limited liability company** known to me to be the person and duly authorized officer whose name is subscribed to the foregoing instrument, and who acknowledged to me that he executed the same of the purposes and considerations therein expressed and in the capacity therein stated on behalf of said entity.

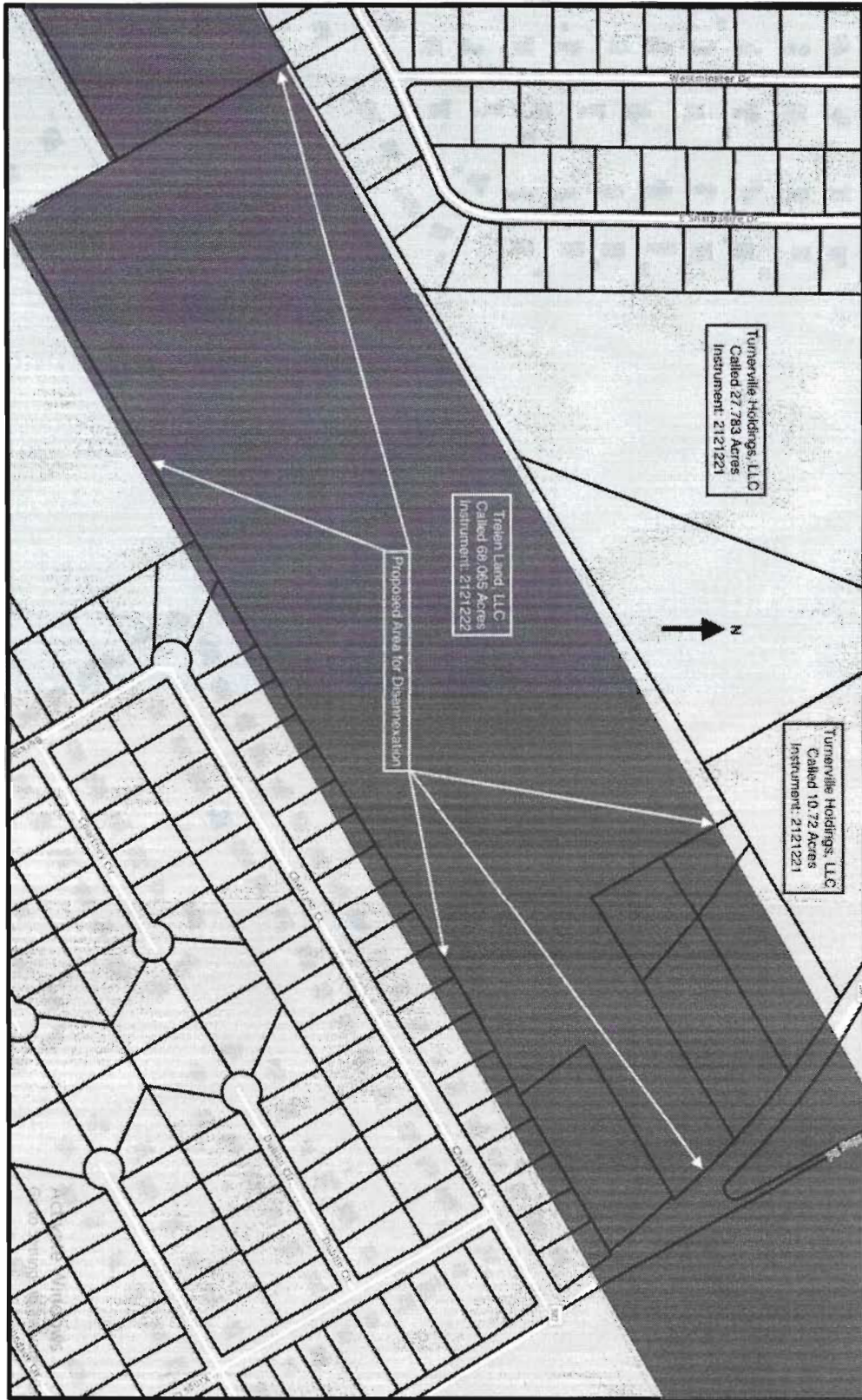
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 10th day of May, 2023.





Notary Public for the State of Texas

EXHIBIT A





consulting environmental engineers, inc.

150 n. harbin drive – suite 408 • stephenville, tx 76401

phone: (254) 968-8130 fax: (254) 968-8134

email: ceeinc@ceeinc.org registered firm: #F-2323

February 15, 2023
City of Waxahachie
401 S. Rogers
Waxahachie, TX 75165

Attention:

To Whom it May Concern:

Jireten, LLC is applying to obtain approval from the Texas Commission on Environmental Quality (TCEQ) to install and operate a Wastewater Treatment System to service a proposed mobile home park. The client plans to provide public wastewater service to serve only the proposed mobile home park.

Furthermore, based on current information provided by Ellis County it appears that a portion of the proposed service area lies within the city limits of the City of Waxahachie. TCEQ requires that a formal request for service be made to any municipal incorporated cities that have territory within the proposed service area. Jireten, LLC will not be applying for a CCN and will not be selling wastewater service to the public; the proposed wastewater system will be strictly utilized to service the proposed mobile home park. I have attached a site map that depicts the proposed location and the proximity to your current location.

We would appreciate your indicating City of Waxahachie response to this request on the bottom of this letter and returning it via email to ceeinc@ceeinc.org or via mail to Consulting Environmental Engineers Inc., 150 N. Harbin Drive, Suite 408, Stephenville, Texas 76401 at your earliest convenience.

Sincerely,

Charles P. Gillespie III
President

Attachment: Site Location Map

City of Waxahachie: Please check one (✓)

☐ does wish to provide wastewater service to Jireten, LLC and does not consent to Jireten, LLC providing wastewater service to only this location.

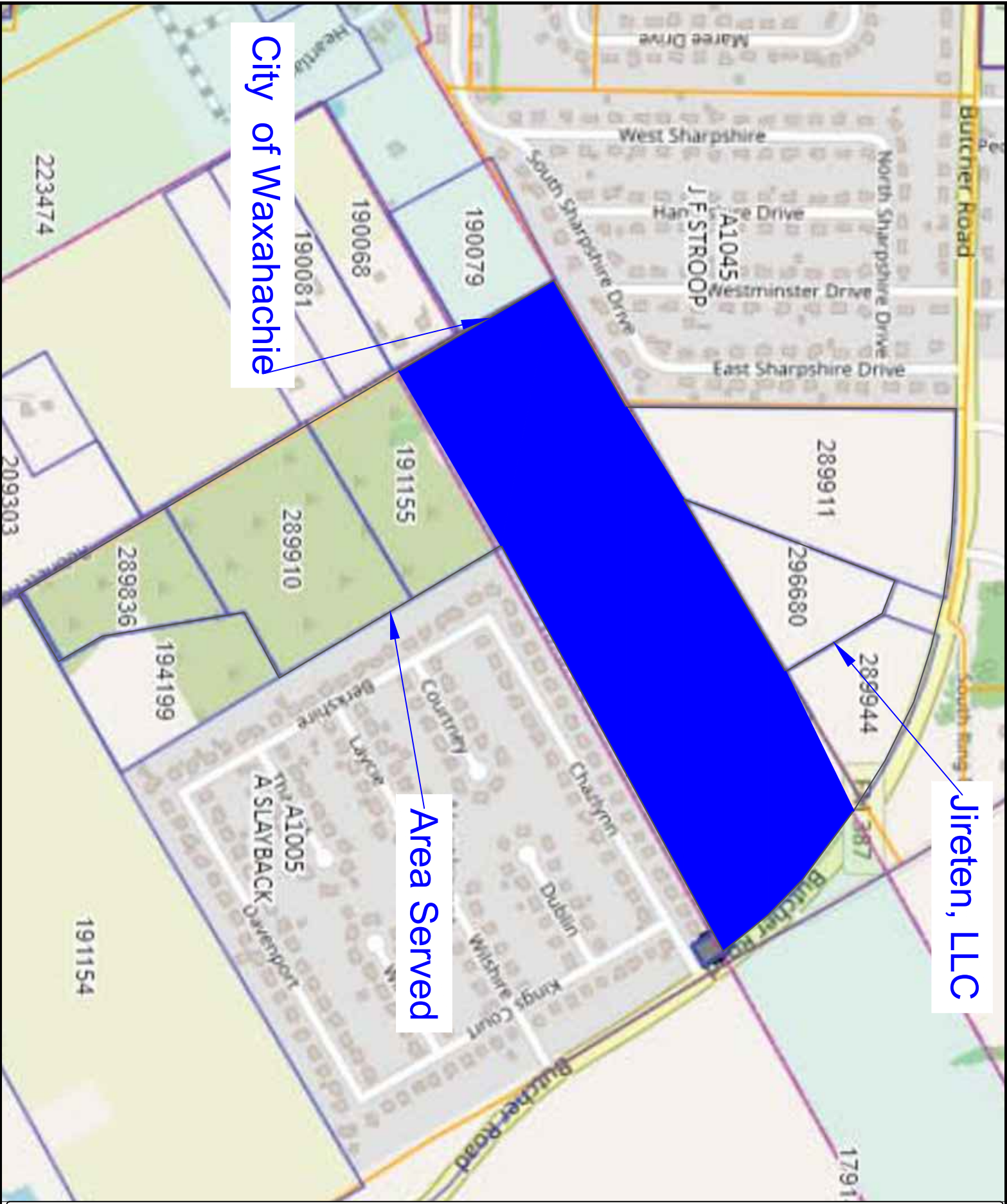
☐ does not wish to provide service to Jireten, LLC and we consent to Jireten, LLC providing wastewater service to only this location.

Comments: _____

Signed by: _____

Signed for: City of Waxahachie

Date: _____

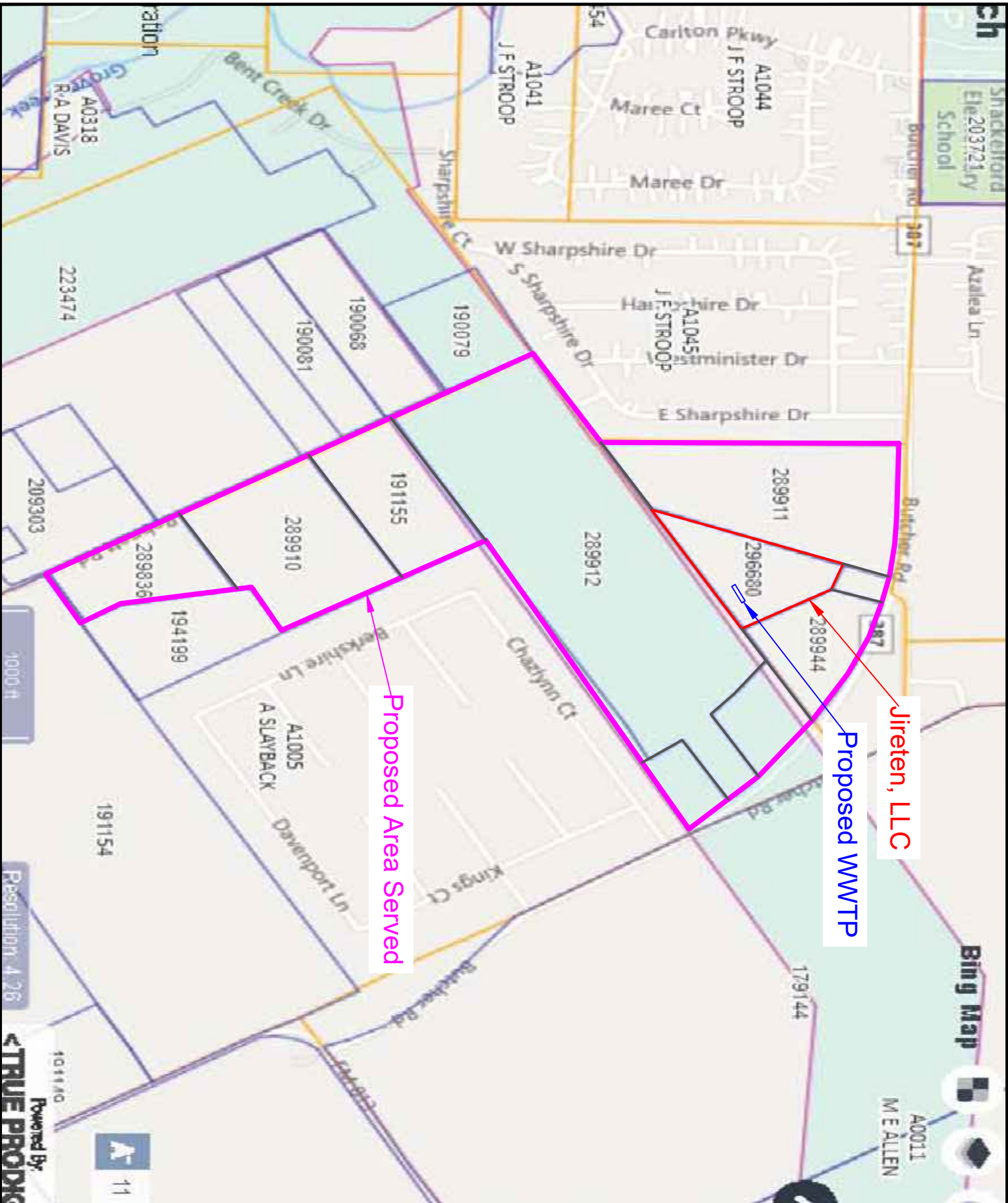


City of Waxahachie

Area Served

Jireten, LLC

<div>DateFebruary 14, 2023</div> <div>Drawn ByCE</div> <div>ScaleNTS</div>	<div>consulting environmental engineers, inc.</div> <div>150 n. harbin drive - suite 408 • stephenville, tx 76401</div> <div>(254)968-8130 fax: (254)968-8134 email: ceelnc@ceelnc.org</div> <div>registered firm: #F-2323</div>	<div>Jireten, LLC</div> <div>WWTP</div> <div>Waxahachie, Texas</div> <div>NEARBY WWTP</div>	<div>Exhibit XI</div> <div>JIR 0062</div>
--	--	---	---



Date March 9, 2023	consulting environmental engineers, inc. 150 n. harbin drive - suite 408 • stephenville, tx 76401 (254) 968-8130 fax: (254) 968-8134 email: ce@ceinc.org registered firm: #F-2323	Jireten, LLC WWTP Waxahachie, Texas	Exhibit XI JIR 0063
Drawn By CE		NEARBY WWTP	
Scale NTS			

Cut on dotted line.

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Jiniten LLC WWTP Request #15UC

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Trans. #: 582748187
Print Date: 02/15/2023
Ship Date: 02/15/2023
Expected
Delivery Date: 02/16/2023

Priority Mail® Postage: **\$9.65**
Signature Confirmation: **\$3.25**
(Electronic Rate)
Total: **\$12.90**

From: CHARLES P GILLESPIE
CONSULTING ENVIRONMENTAL ENGINEERS, INC.
STE 408
150 N HARBIN DR
STEPHENVILLE TX 76401-2800

To: CITY OF WAXAHACHIE
401 S ROGERS ST
WAXAHACHIE TX 75165-3651

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*Delivered 2-16-23 @ 11:44am
Signed by WW*



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JIR 0064

RE: Consulting Environmental Engineers Inc.

Pruitt, Jennifer <jennifer.pruitt@waxahachie.com>

Thu 3/9/2023 12:02 PM

To: Gaertner, James <jgaertner@waxahachie.com>; Consulting Environmental Engineers, Inc. <ceeinc@ceeinc.org>

Cade, if you have any questions about the Planning process or Zoning, don't hesitate to get in touch with us.

Thank you. Jennifer

Jennifer Pruitt, AICP, LEED-AP, CNU-A

Senior Director of Planning

City of Waxahachie

O: 469-309-4291

[Jennifer.pruitt@waxahachie.com](mailto:jennifer.pruitt@waxahachie.com)



From: Gaertner, James <jgaertner@waxahachie.com>

Sent: Thursday, March 9, 2023 11:25 AM

To: Consulting Environmental Engineers, Inc. <ceeinc@ceeinc.org>

Cc: Planning <planning@waxahachie.com>

Subject: RE: Consulting Environmental Engineers Inc.

Cade,

Thanks for clarifying the site location.

Please advise the property owner/developer that we need to discuss the land use proposed within the city limits before we can respond to your letter.

I would recommend they start with contacting the Planning Department, so we can setup a DRC meeting. At the DRC meeting we will have Utilities, Engineering, Public Works, Planning, Building, Fire Departments available to discuss the process further. I am including the Planning group email to this email, so they are aware of this.

The owner/developer can contact them via email at planning@waxahachie.com or at 469-309-4290.

Sincerely,



James Gaertner, PE, CFM, CPM

Executive Director of Public Works & Utilities

401 S. Rogers St.

Waxahachie, TX 75165

Office: 469-309-4301

jgaertner@waxahachie.com

JIR 0065

From: Consulting Environmental Engineers, Inc. <ceeinc@ceeinc.org>
Sent: Thursday, March 9, 2023 10:49 AM
To: Gaertner, James <jgaertner@waxahachie.com>
Subject: RE: Consulting Environmental Engineers Inc.

Mr. Gaertner,

Attached is a revised request for service map that should answer your questions about the proposed Jireten, LLC wastewater treatment plant. If you have any other questions or concerns please contact us.

Thank you,
Cade Elkins

From: Gaertner, James <jgaertner@waxahachie.com>
Sent: Tuesday, March 7, 2023 6:26 PM
To: Consulting Environmental Engineers, Inc. <ceeinc@ceeinc.org>
Cc: Planning <planning@waxahachie.com>; Brooks, Shon <sbrooks@waxahachie.com>; Bailey, David <dbailey@waxahachie.com>; Martinez, Macey <Macey.Martinez@waxahachie.com>
Subject: Consulting Environmental Engineers Inc.

Mr. Gillespie,

We received the attached letter from your company. The location of the proposed project is unclear since there is an area that is shaded in blue, also shows an area shaded in yellow and the company name pointing to an area that is not shaded.

Before we can respond to this request, we need clarification regarding the location of the proposed project.

I would highly recommend that we set up a Development Review Committee (DRC) Meeting to discuss this further. We can have everyone available to make sure we can coordinate this together instead of you trying to get answers from the different departments. We should include the Planning Department, Utilities, Public Works, Engineering, and Fire Department to this DRC meeting.

You can make the request for a DRC meeting by going to the following web link or by contacting the planning department at 469-309-4290.

https://www.waxahachie.com/departments/planning_department/development_review_committee.php

Sincerely,



James Gaertner, PE, CFM, CPM
Executive Director of Public Works & Utilities
401 S. Rogers St.
Waxahachie, TX 75165
Office: 469-309-4301
jgaertner@waxahachie.com



consulting **environmental** engineers, inc.

150 n. harbin drive – suite 408 • stephenville, tx 76401

phone: (254) 968-8130 fax: (254) 968-8134

email: ceeinc@ceeinc.org registered firm: #F-2323

February 15, 2023
BBCP FTW 117 LLC
2121 Midway Rd STE 155
Carrollton, TX 75006

Attention:

To Whom it May Concern:

Jireten, LLC is applying to obtain approval from the Texas Commission on Environmental Quality (TCEQ) to install and operate a Wastewater Treatment System to service a proposed mobile home park. The property is located to the north west of your wastewater treatment plant (WWTP) The client plans to provide public wastewater service to serve only the proposed mobile home park.

Furthermore, based on current information provided by the Texas Commission on Environmental Quality (TCEQ) it appears that BBCP FTW 117 LLC has a WWTP within the three-mile radius of the proposed wastewater treatment facility. TCEQ requires that a formal request for service be made to any public sewer supply system that is within that radius. Jireten, LLC will not be applying for a CCN and will not be selling wastewater service to the public; the proposed wastewater system will be strictly utilized to service the proposed mobile home park. I have attached a site map that depicts the proposed location and the proximity to your current location.

We would appreciate your indicating BBCP FTW 117 LLC response to this request on the bottom of this letter and returning it via email to ceeinc@ceeinc.org or via mail to Consulting Environmental Engineers Inc., 150 N. Harbin Drive, Suite 408, Stephenville, Texas 76401 at your earliest convenience.

Sincerely,

Charles P. Gillespie III
President

Attachment: Site Location Map

BBCP FTW 117 LLC: Please check one (✓)

☐ does wish to provide wastewater service to Jireten, LLC and does not consent to Jireten, LLC providing wastewater service to only this location.

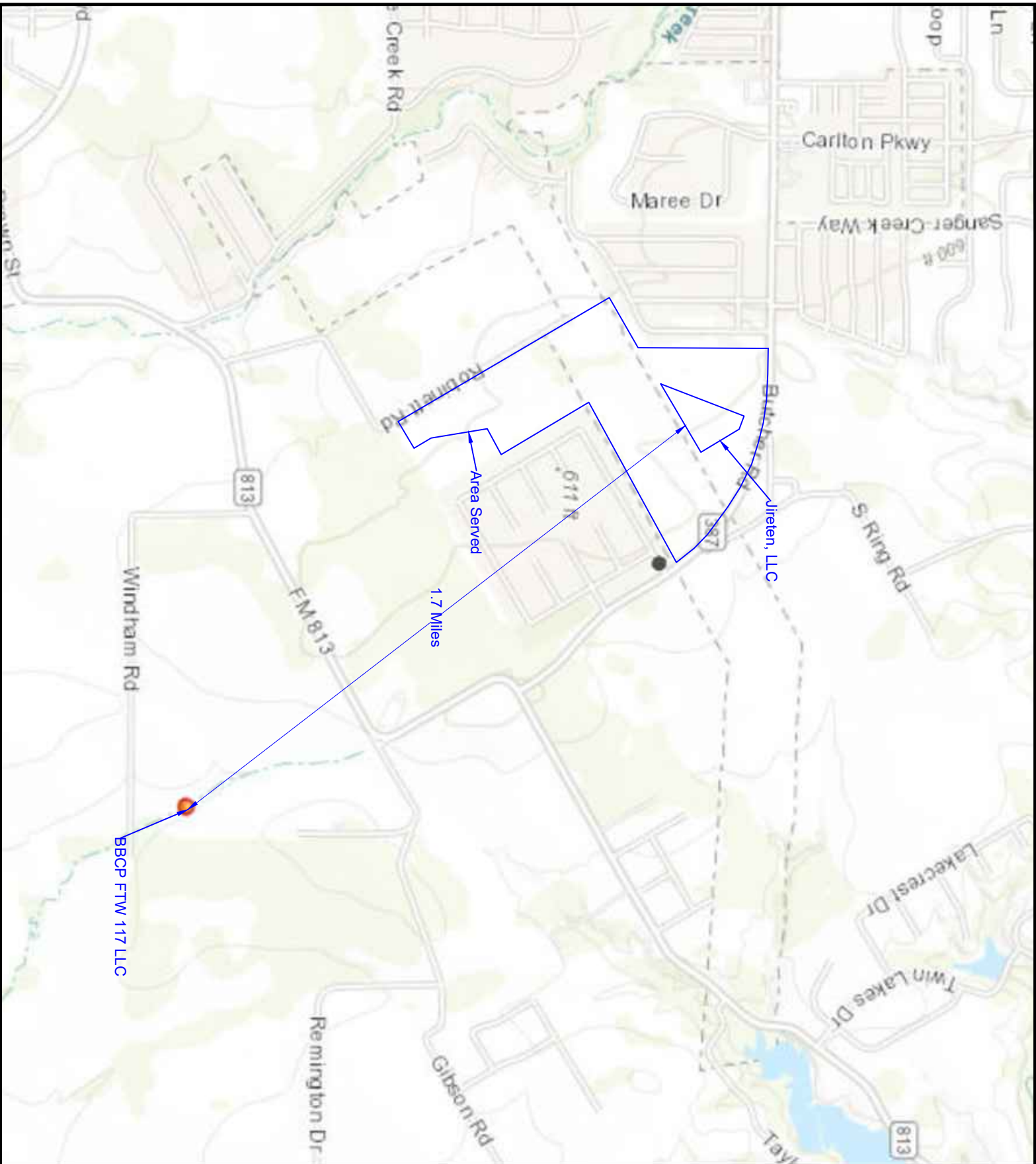
☐ does not wish to provide service to Jireten, LLC and we consent to Jireten, LLC providing wastewater service to only this location.

Comments: _____

Signed by: _____

Signed for: BBCP FTW 117 LLC

Date: _____



Date
February 15, 2023
Drawn By
CE
Scale
NTS

consulting **environmental** engineers, inc.
150 n. harbin drive - suite 408 • stephenville, tx 76401
(254) 968-8130 fax: (254) 968-8134 email: ce@ceinc.org
registered firm: #F-2323

Jireten, LLC
WWTP
Waxahachie, Texas
NEARBY WWTP

JIR 0068

Exhibit XI

Cut on dotted line.

Instructions

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Trans. #:	582748187	Priority Mail® Postage:	\$9.65
Print Date:	02/15/2023	Signature Confirmation:	\$3.25
Ship Date:	02/15/2023	(Electronic Rate)	
Expected Delivery Date:	02/16/2023	Total:	\$12.90

From: CHARLES P GILLESPIE
CONSULTING ENVIRONMENTAL ENGINEERS, INC.
STE 408
150 N HARBIN DR
STEPHENVILLE TX 76401-2800

To: BBCP FTW 117 LLC
STE 155
2121 MIDWAY RD
CARROLLTON TX 75006-5263

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T Shaw



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JIR 0069



consulting environmental engineers, inc.

150 n. harbin drive – suite 408 • stephenville, tx 76401

phone: (254) 968-8130 fax: (254) 968-8134

email: ceeinc@ceeinc.org registered firm: #F-2323

February 15, 2023
Matheson Tri-Gas Inc
1700 Scepter Rd
Waverly, TN 37185

Attention:

To Whom it May Concern:

Jireten, LLC is applying to obtain approval from the Texas Commission on Environmental Quality (TCEQ) to install and operate a Wastewater Treatment System to service a proposed mobile home park. The property is located to the north west of your wastewater treatment plant (WWTP) The client plans to provide public wastewater service to serve only the proposed mobile home park.

Furthermore, based on current information provided by the Texas Commission on Environmental Quality (TCEQ) it appears that Matheson Tri-Gas Inc has a WWTP within the three-mile radius of the proposed wastewater treatment facility. TCEQ requires that a formal request for service be made to any public sewer supply system that is within that radius. Jireten, LLC will not be applying for a CCN and will not be selling wastewater service to the public; the proposed wastewater system will be strictly utilized to service the proposed mobile home park. I have attached a site map that depicts the proposed location and the proximity to your current location.

We would appreciate your indicating Matheson Tri-Gas Inc response to this request on the bottom of this letter and returning it via email to ceeinc@ceeinc.org or via mail to Consulting Environmental Engineers Inc., 150 N. Harbin Drive, Suite 408, Stephenville, Texas 76401 at your earliest convenience.

Sincerely,

Charles P. Gillespie III
President

Attachment: Site Location Map

Matheson Tri-Gas Inc: Please check one (✓)

☐ does wish to provide wastewater service to Jireten, LLC and does not consent to Jireten, LLC providing wastewater service to only this location.

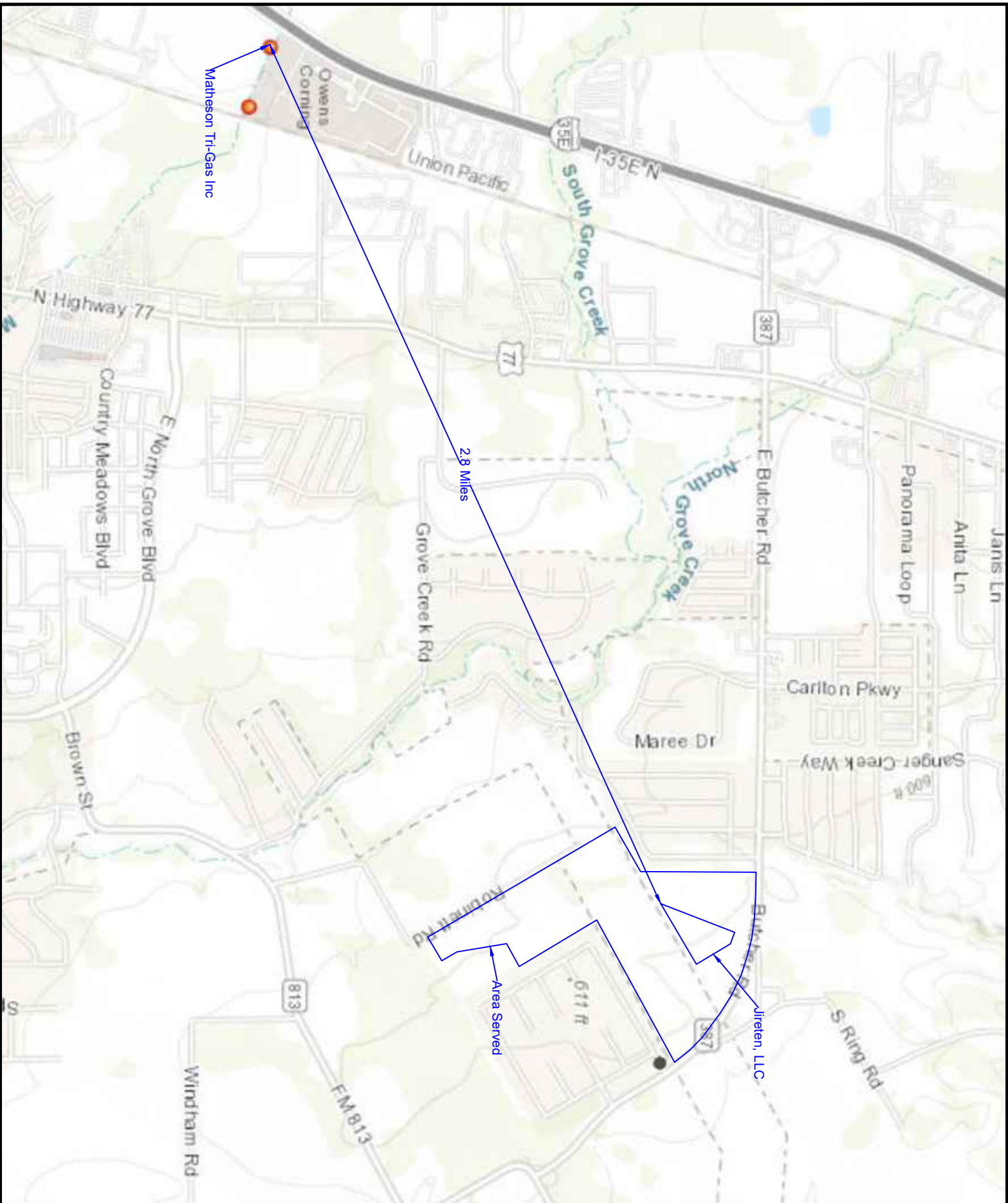
☐ does not wish to provide service to Jireten, LLC and we consent to Jireten, LLC providing wastewater service to only this location.

Comments: _____

Signed by: _____

Signed for: Matheson Tri-Gas Inc

Date: _____



Date
February 14, 2023
Drawn By
CE
Scale
NTS

consulting **environmental** engineers, inc.
150 n. harbin drive - suite 408 • stephenville, tx 76401
(254) 968-8130 fax: (254) 968-8134 email: ce@ceinc.org
registered firm: #F-2323

Jireten, LLC
WWTP
Waxahachie, Texas
NEARBY WWTP

Exhibit XI

JIR 0071

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Click-N-Ship® Label Record

Signature Confirmation™ :

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Trans. #: 582748187
Print Date: 02/15/2023
Ship Date: 02/15/2023
Expected
Delivery Date: 02/18/2023

Priority Mail® Postage: **\$9.65**
Signature Confirmation: **\$3.25**
(Electronic Rate)
Total: **\$12.90**

From: CHARLES P GILLESPIE
CONSULTING ENVIRONMENTAL ENGINEERS, INC.
STE 408
150 N HARBIN DR
STEPHENVILLE TX 76401-2800

To: MATHESON TRI-GAS INC
1700 SCEPTER RD
WAVERLY TN 37185-3253

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JIR 0072



consulting environmental engineers, inc.

150 n. harbin drive – suite 408 • stephenville, tx 76401

phone: (254) 968-8130 fax: (254) 968-8134

email: ceeinc@ceeinc.org registered firm: #F-2323

February 15, 2023

Owens Corning Insulating Systems, LLC

3700 N Interstate Highway 35 E

Waxahachie, TX 75165

Attention:

To Whom it May Concern:

Jireten, LLC is applying to obtain approval from the Texas Commission on Environmental Quality (TCEQ) to install and operate a Wastewater Treatment System to service a proposed mobile home park. The property is located to the north east of your wastewater treatment plant (WWTP) The client plans to provide public wastewater service to serve only the proposed mobile home park.

Furthermore, based on current information provided by the Texas Commission on Environmental Quality (TCEQ) it appears that Owens Corning Insulating Systems, LLC has a WWTP within the three-mile radius of the proposed wastewater treatment facility. TCEQ requires that a formal request for service be made to any public sewer supply system that is within that radius. Jireten, LLC will not be applying for a CCN and will not be selling wastewater service to the public; the proposed wastewater system will be strictly utilized to service the proposed mobile home park. I have attached a site map that depicts the proposed location and the proximity to your current location.

We would appreciate your indicating Owens Corning Insulating Systems, LLC response to this request on the bottom of this letter and returning it via email to ceeinc@ceeinc.org or via mail to Consulting Environmental Engineers Inc., 150 N. Harbin Drive, Suite 408, Stephenville, Texas 76401 at your earliest convenience.

Sincerely,

Charles P. Gillespie III
President

Attachment: Site Location Map

Owens Corning Insulating Systems LLC: Please check one (✓)

☐ does wish to provide wastewater service to Jireten, LLC and does not consent to Jireten, LLC providing wastewater service to only this location.

☒ does not wish to provide service to Jireten, LLC and we consent to Jireten, LLC providing wastewater service to only this location.

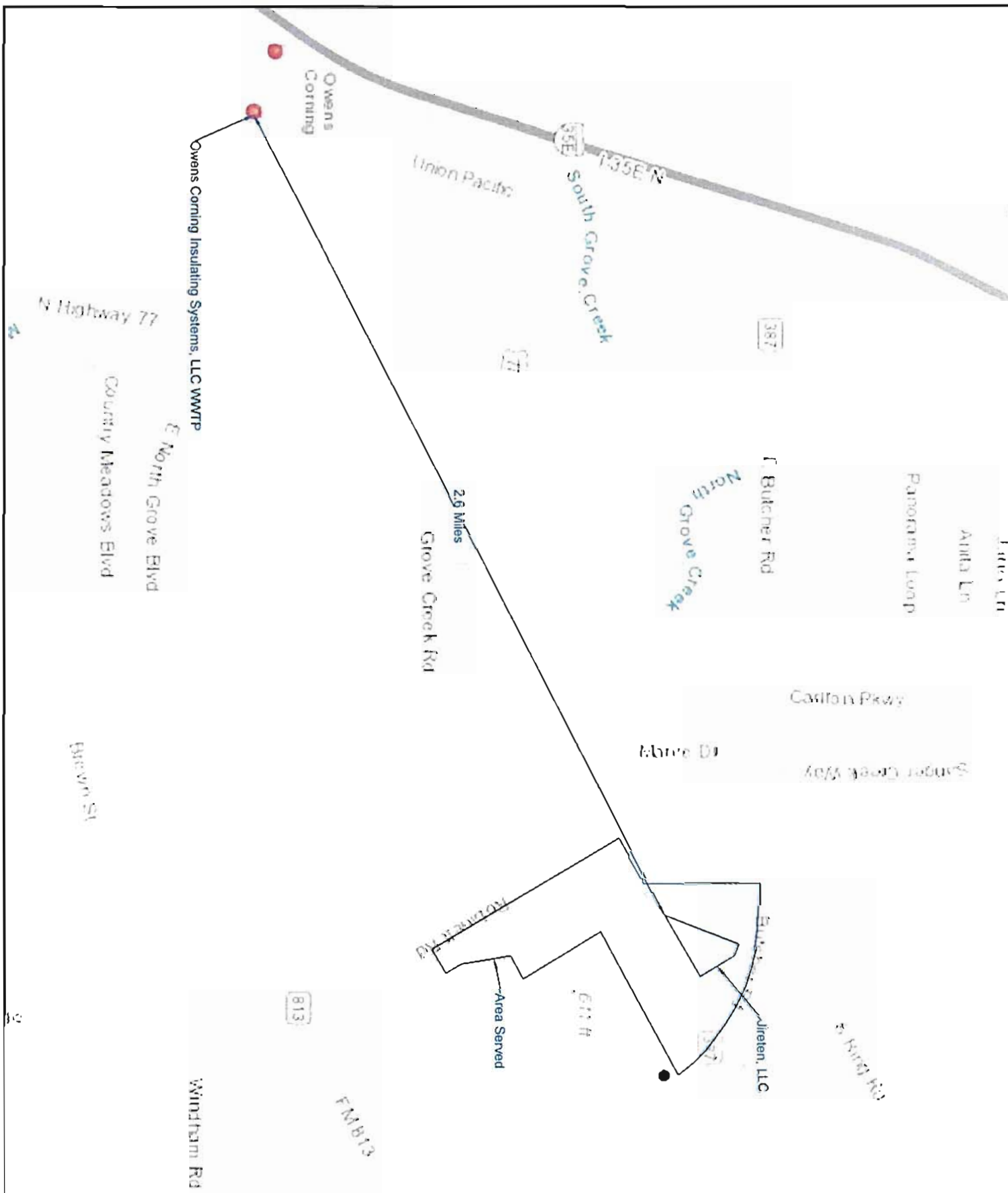
Comments: _____

Signed by: Lucian Radut

Signed for: Owens Corning Insulating Systems LLC

Date: 2/21/2023

JIR 0073



Date February 14, 2023 Drawn By CE Scale NTS	consulting environmental engineers, inc. <small>1301 N. Lincoln Street • Suite 200 • Dallas, TX 75207 (214) 760-7700 Fax: (214) 760-7701 Email: info@ceeinc.com registered firm #7-3528</small>	Jireten, LLC WWTP Waxahachie, Texas NEARBY WWTP	Exhibit XI JIR 0074
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consulting environmental engineers, inc.

150 n. harbin drive – suite 408 • stephenville, tx 76401

phone: (254) 968-8130 fax: (254) 968-8134

email: ceeinc@ceeinc.org registered firm: #F-2323

February 15, 2023
SRP SS, LLC
2121 Midway RD STE 155
Carrollton, TX 75006

Attention:

To Whom it May Concern:

Jireten, LLC is applying to obtain approval from the Texas Commission on Environmental Quality (TCEQ) to install and operate a Wastewater Treatment System to service a proposed mobile home park. The property is located south east of your wastewater treatment plant (WWTP) The client plans to provide public wastewater service to serve only the proposed mobile home park.

Furthermore, based on current information provided by the Texas Commission on Environmental Quality (TCEQ) it appears that the SRP SS, LLC has a WWTP within the three-mile radius of the proposed wastewater treatment facility. TCEQ requires that a formal request for service be made to any public sewer supply system that is within that radius. Jireten, LLC will not be applying for a CCN and will not be selling wastewater service to the public; the proposed wastewater system will be strictly utilized to service the proposed mobile home park. I have attached a site map that depicts the proposed location and the proximity to your current location.

We would appreciate your indicating SRP SS, LLC's response to this request on the bottom of this letter and returning it via email to ceeinc@ceeinc.org or via mail to Consulting Environmental Engineers Inc., 150 N. Harbin Drive, Suite 408, Stephenville, Texas 76401 at your earliest convenience.

Sincerely,

Charles P. Gillespie III
President

Attachment: Site Location Map

SRP SS, LLC: Please check one (✓)

☐ does wish to provide wastewater service to Jireten, LLC and does not consent to Jireten, LLC providing wastewater service to only this location.

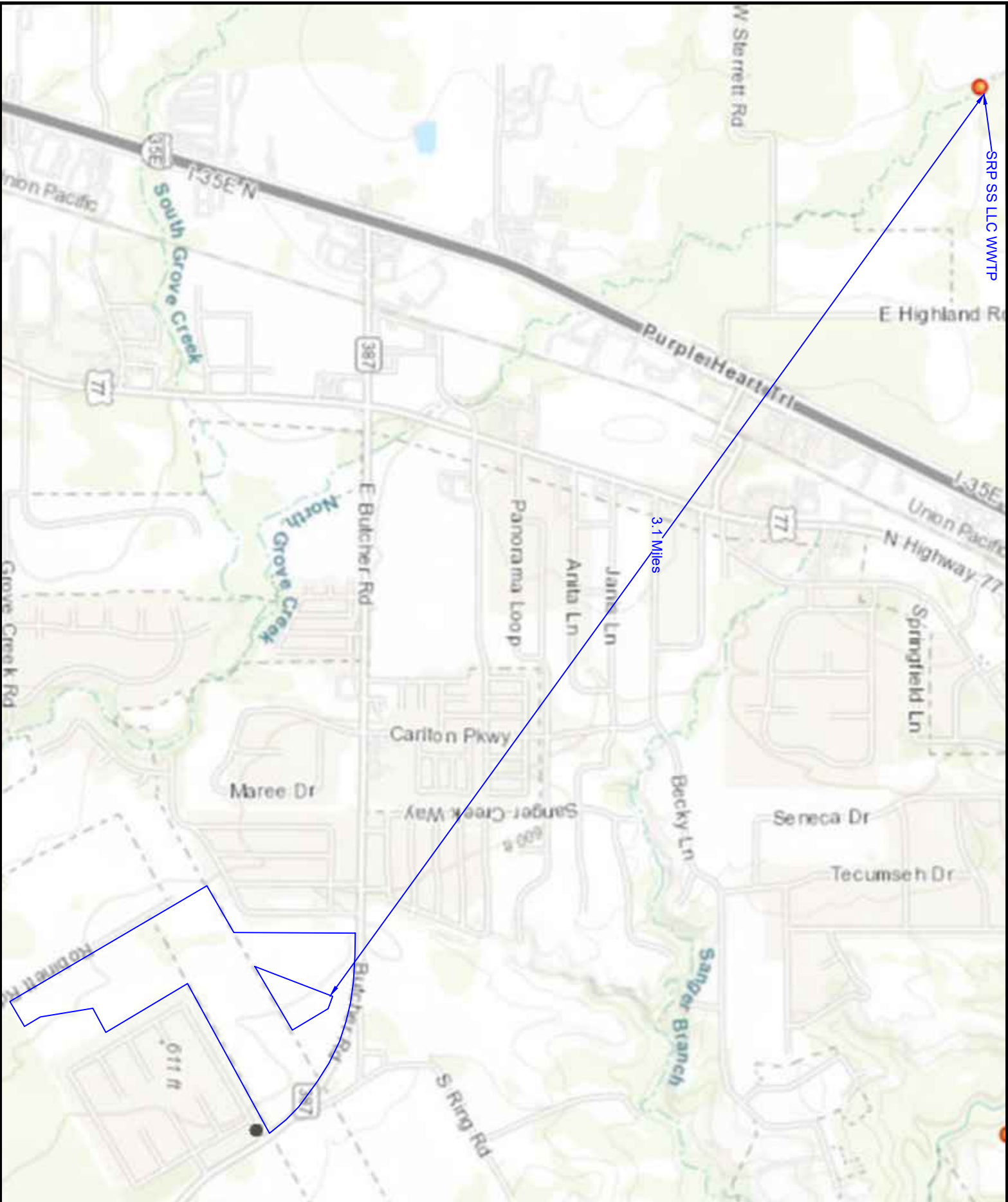
☐ does not wish to provide service to Jireten, LLC and we consent to Jireten, LLC providing wastewater service to only this location.

Comments: _____

Signed by: _____

Signed for: SRP SS, LLC

Date: _____



<p>Date February 14, 2023</p> <p>Drawn By CE</p> <p>Scale NTS</p>	<p>consulting environmental engineers, inc.</p> <p>150 n. harbin drive - suite 408 • stephenville, tx 76401 (254) 968-8130 fax: (254) 968-8134 email: ce@ceinc.com ce@ceinc.org registered firm: #F-2323</p>	<p>Jireten, LLC WWTP Waxahachie, Texas</p> <p>NEARBY WWTP</p>	<p>Exhibit XI</p> <p>JIR 0076</p>
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5. Mail your package on the "Ship Date" you selected when creating this label.

Click-N-Ship® Label Record

Signature Confirmation™ :

9410 8036 9930 0158 1841 04

Trans. #:	582748187	Priority Mail® Postage:	\$9.65
Print Date:	02/15/2023	Signature Confirmation:	\$3.25
Ship Date:	02/15/2023	(Electronic Rate)	
Expected Delivery Date:	02/16/2023	Total:	\$12.90

From: CHARLES P GILLESPIE
CONSULTING ENVIRONMENTAL ENGINEERS, INC.
STE 408
150 N HARBIN DR
STEPHENVILLE TX 76401-2800

To: SRP SS, LLX
STE 155
2121 MIDWAY RD
CARROLLTON TX 75006-5263

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JIR 0077



consulting **environmental** engineers, inc.

150 n. harbin drive – suite 408 • stephenville, tx 76401

phone: (254) 968-8130 fax: (254) 968-8134

email: ceeinc@ceeinc.org registered firm: #F-2323

February 14, 2023
Trinity River Authority
PO Box 240
Arlington, TX 76004

RECEIVED
FEB 24 2023
TRA/Northern Region

Attention:

To Whom it May Concern:

Jireten, LLC is applying to obtain approval from the Texas Commission on Environmental Quality (TCEQ) to install and operate a Wastewater Treatment System to service a proposed mobile home park. The property is located south of your wastewater treatment plant (WWTP) The client plans to provide public wastewater service to serve only the proposed mobile home park.

Furthermore, based on current information provided by the Texas Commission on Environmental Quality (TCEQ) it appears that the Trinity River Authority has a WWTP within the three-mile radius of the proposed wastewater treatment facility. TCEQ requires that a formal request for service be made to any public sewer supply system that is within that radius. Jireten, LLC will not be applying for a CCN and will not be selling wastewater service to the public; the proposed wastewater system will be strictly utilized to service the proposed mobile home park. I have attached a site map that depicts the proposed location and the proximity to your current location.

We would appreciate your indicating Trinity River Authority's response to this request on the bottom of this letter and returning it via email to ceeinc@ceeinc.org or via mail to Consulting Environmental Engineers Inc., 150 N. Harbin Drive, Suite 408, Stephenville, Texas 76401 at your earliest convenience.

Sincerely,

Charles P. Gillespie III
President

Attachment: Site Location Map

Trinity River Authority: Please check one (✓)

☐ does wish to provide wastewater service to Jireten, LLC and does not consent to Jireten, LLC providing wastewater service to only this location.

☒ does not wish to provide service to Jireten, LLC and we consent to Jireten, LLC providing wastewater service to only this location.

Comments: Currently outside of the Authority's service area.

Signed by: Matthew Gallo

Signed for: Trinity River Authority

Date: 03/06/23

JIR 0078

Jireten 3 WWTP Design Calculations



Jireten 3 WWTP - Extended Aeration Design Spreadsheet

INPUT

ADF (average daily flow) = **54,000** $\frac{\text{gallons}}{\text{day}}$

BOD (biochemical oxygen demand) = **252** $\frac{\text{mg}}{\text{l}}$

OUTPUT

I Daily Average Organic Load

$$\frac{\text{lbs}}{\text{ADF} \times 8.33 \frac{\text{gallon}}{\text{day}} \times 1,000,000 \text{ lbs.}}$$

$$\frac{\text{BOD}}{\text{mg/l}}$$
 113 $\frac{\text{lbs}}{\text{day}}$

II Peak Flow Organic Load

$$4 \times \text{ADF} \times 8.33 \frac{\text{gallon}}{\text{day}} \times 1,000,000 \text{ lbs.}$$

$$\frac{\text{BOD}}{\text{mg/l}}$$
 453 $\frac{\text{lbs}}{\text{day}}$

III Minimum Clarifier Detention Diameter

$$\frac{(4)(ADF)(2.2 \text{ detention time})}{\sqrt{(24\text{hrs})(7.48 \text{ gal})(11 \text{ ft})(.785)}} \quad \mathbf{17.51} \text{ ft. dia.}$$

IV Peak Flow Clarifier Design Diameter

$$\frac{(4)(ADF)}{\sqrt{(.785)(900)}} \quad \mathbf{17.49} \text{ ft}$$

Diameter

V Digester Volume

$$\frac{20 \text{ ft}^3}{\text{lb/day}} \times \text{daily average organic load (above Item I)} = \frac{2,267 \text{ ft}^3}{\text{Digester Length}} = 21.2126 \text{ ft}$$

VI Chlorine Tank Volume

(Minimum=3')

$$\frac{4 \times \text{ADF}}{(7.48 \text{ gallons})(1440 \text{ minutes})} \times 20 \text{ minutes} = \frac{401 \text{ ft}^3}{\text{Chlorine Chamber Length}} = 5.75588 \text{ ft}$$

VII Aeration Basin Sizing

$$\text{daily average organic load (above Item I)} \times \frac{\text{day}}{15 \text{ lbs}} \times 1,000 \text{ ft}^3 = \frac{7,557 \text{ ft}^3}{\text{Basin Length}} = 70.708547 \text{ ft}$$

VIII Air Supply For Aeration

$$\text{daily average organic load (above Item I)} \times \frac{2.22 \text{ ft}^3/\text{min}}{\text{lb BOD}} = 252 \text{ ft}^3/\text{min}$$

IX Air Supply For Digestion

$$\text{digester volume (above Item VII)} \times \frac{30 \text{ ft}^3/\text{min}}{1,000 \text{ ft}^3} = 45 \text{ ft}^3/\text{min}$$

X Total Air Required

$$\begin{aligned} &\text{air supply for aeration (above item VIII)} \\ &+ \text{air supply for digestion (above item IX)} \\ &+ 40 \text{ ft}^3/\text{min (air lifts)} \end{aligned} = 337 \text{ ft}^3/\text{min}$$

Jireten 3 WWTP - Extended Aeration Design Spreadsheet

INPUT

ADF (average daily flow) = **54,000** $\frac{\text{gallons}}{\text{day}}$

BOD (biochemical oxygen demand) = **252** $\frac{\text{mg}}{\text{l}}$

OUTPUT

I Daily Average Organic Load

$$\frac{\text{lbs}}{\text{ADF} \times 8.33 \frac{\text{gallon}}{\text{day}} \times 1,000,000 \text{ lbs.}}$$
 $\frac{\text{BOD}}{\text{mg/l}}$ **113** $\frac{\text{lbs}}{\text{day}}$

II Peak Flow Organic Load

$$4 \times \text{ADF} \times 8.33 \frac{\text{gallon}}{\text{day}} \times 1,000,000 \text{ lbs.}$$
 $\frac{\text{BOD}}{\text{mg/l}}$ **453** $\frac{\text{lbs}}{\text{day}}$

III Minimum Clarifier Detention Diameter

$$\frac{(4)(ADF)(2.2 \text{ detention time})}{\sqrt{(24\text{hrs})(7.48 \text{ gal})(11 \text{ ft})(.785)}} \quad \mathbf{17.51} \text{ ft. dia.}$$

IV Peak Flow Clarifier Design Diameter

$$\frac{(4)(ADF)}{\sqrt{(.785)(900)}} \quad \mathbf{17.49} \text{ ft}$$

Diameter

V Digester Volume

$$\frac{20 \text{ ft}^3}{\text{lb/day}} \times \text{daily average organic load (above Item I)} = \frac{2,267 \text{ ft}^3}{\text{Digester Length}} = 21.2126 \text{ ft}$$

VI Chlorine Tank Volume

(Minimum=3')

$$\frac{4 \times \text{ADF}}{(7.48 \text{ gallons})(1440 \text{ minutes})} \times 20 \text{ minutes} = \frac{401 \text{ ft}^3}{\text{Chlorine Chamber Length}} = 5.75588 \text{ ft}$$

VII Aeration Basin Sizing

$$\text{daily average organic load (above Item I)} \times \frac{\text{day}}{15 \text{ lbs}} \times 1,000 \text{ ft}^3 = \frac{7,557 \text{ ft}^3}{\text{Basin Length}} = 70.708547 \text{ ft}$$

VIII Air Supply For Aeration

$$\text{daily average organic load (above Item I)} \times \frac{2.22 \text{ ft}^3/\text{min}}{\text{lb BOD}} = 252 \text{ ft}^3/\text{min}$$

IX Air Supply For Digestion

$$\text{digester volume (above Item VII)} \times \frac{30 \text{ ft}^3/\text{min}}{1,000 \text{ ft}^3} = 45 \text{ ft}^3/\text{min}$$

X Total Air Required

$$\begin{aligned} &\text{air supply for aeration (above item VIII)} \\ &+ \text{air supply for digestion (above item IX)} \\ &+ 40 \text{ ft}^3/\text{min (air lifts)} \end{aligned} = 337 \text{ ft}^3/\text{min}$$

Jireten 3 WWTP - Extended Aeration Design Spreadsheet

INPUT

ADF (average daily flow) = **54,000** $\frac{\text{gallons}}{\text{day}}$

BOD (biochemical oxygen demand) = **252** $\frac{\text{mg}}{\text{l}}$

OUTPUT

I Daily Average Organic Load

$$\frac{\text{lbs}}{\text{ADF} \times 8.33 \frac{\text{gallon}}{\text{day}} \times 1,000,000 \text{ lbs.}} \times \frac{\text{BOD}}{1,000,000 \text{ lbs.}} = \mathbf{113} \frac{\text{lbs}}{\text{day}}$$

II Peak Flow Organic Load

$$4 \times \text{ADF} \times 8.33 \frac{\text{gallon}}{\text{day}} \times 1,000,000 \text{ lbs.} \times \frac{\text{BOD}}{1,000,000 \text{ lbs.}} = \mathbf{453} \frac{\text{lbs}}{\text{day}}$$

III Minimum Clarifier Detention Diameter

$$\frac{(4)(\text{ADF})(2.2 \text{ detention time})}{\sqrt{(24\text{hrs})(7.48 \text{ gal})(11 \text{ ft})(.785)}} = \mathbf{17.51} \text{ ft. dia.}$$

IV Peak Flow Clarifier Design Diameter

$$\frac{(4)(\text{ADF})}{\sqrt{(.785)(900)}} = \mathbf{17.49} \text{ ft}$$

Diameter

V Digester Volume

$$\frac{20 \text{ ft}^3}{\text{lb/day}} \times \text{daily average organic load (above Item I)} = \frac{2,267 \text{ ft}^3}{\text{Digester Length}} = 21.2126 \text{ ft}$$

VI Chlorine Tank Volume

(Minimum=3')

$$\frac{4 \times \text{ADF}}{(7.48 \text{ gallons})(1440 \text{ minutes})} \times 20 \text{ minutes} = \frac{401 \text{ ft}^3}{\text{Chlorine Chamber Length}} = 5.75588 \text{ ft}$$

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$$\text{daily average organic load (above Item I)} \times \frac{\text{day}}{15 \text{ lbs}} \times 1,000 \text{ ft}^3 = \frac{7,557 \text{ ft}^3}{\text{Basin Length}} = 70.708547 \text{ ft}$$

VIII Air Supply For Aeration

$$\text{daily average organic load (above Item I)} \times \frac{2.22 \text{ ft}^3/\text{min}}{\text{lb BOD}} = 252 \text{ ft}^3/\text{min}$$

IX Air Supply For Digestion

$$\text{digester volume (above Item VII)} \times \frac{30 \text{ ft}^3/\text{min}}{1,000 \text{ ft}^3} = 45 \text{ ft}^3/\text{min}$$

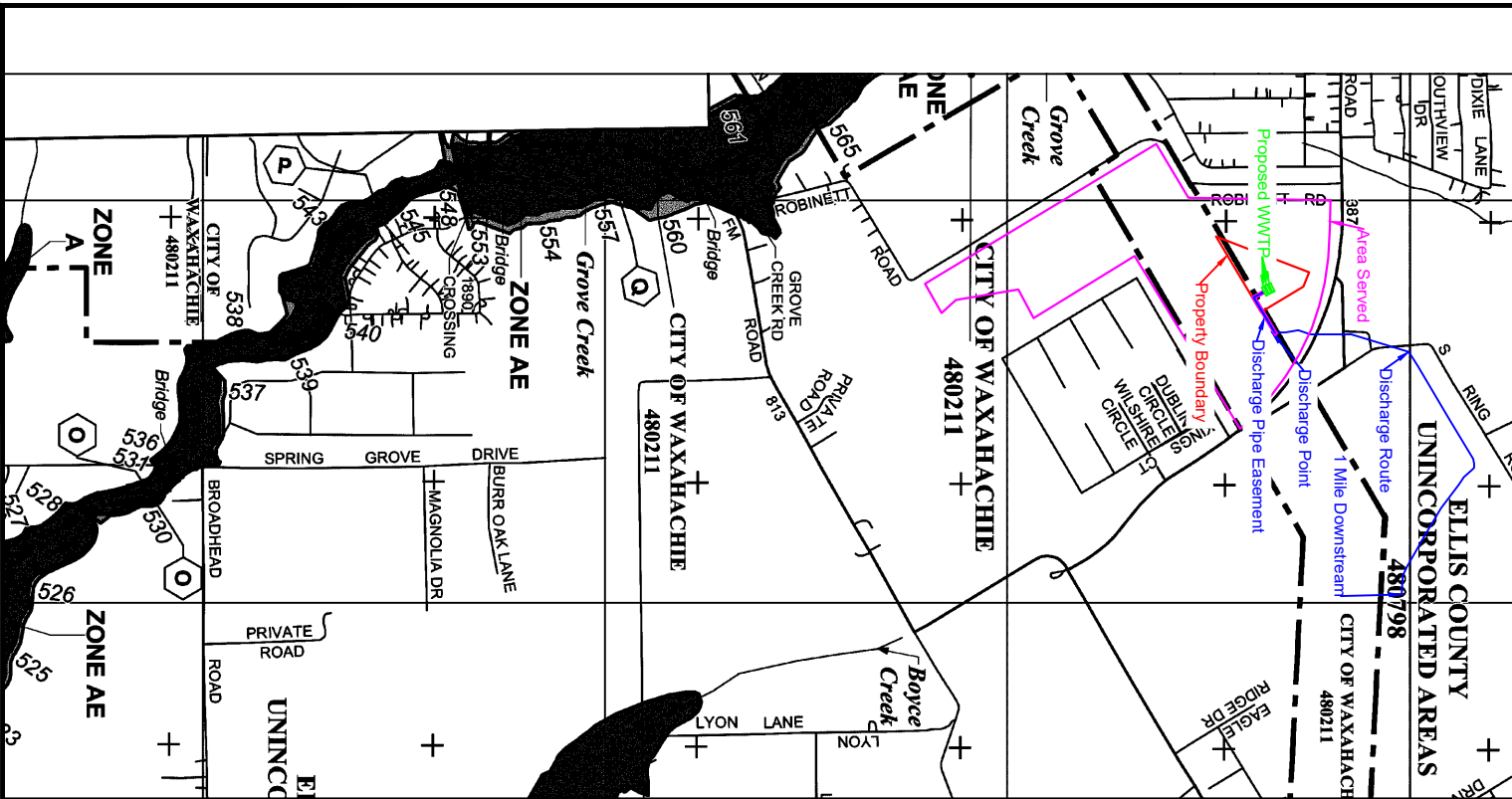
X Total Air Required

$$\begin{aligned} &\text{air supply for aeration (above item VIII)} \\ &+ \text{air supply for digestion (above item IX)} \\ &+ 40 \text{ ft}^3/\text{min (air lifts)} \end{aligned} = 337 \text{ ft}^3/\text{min}$$

Jireten 3 WWTP Flood Plain Map



JIR 0088

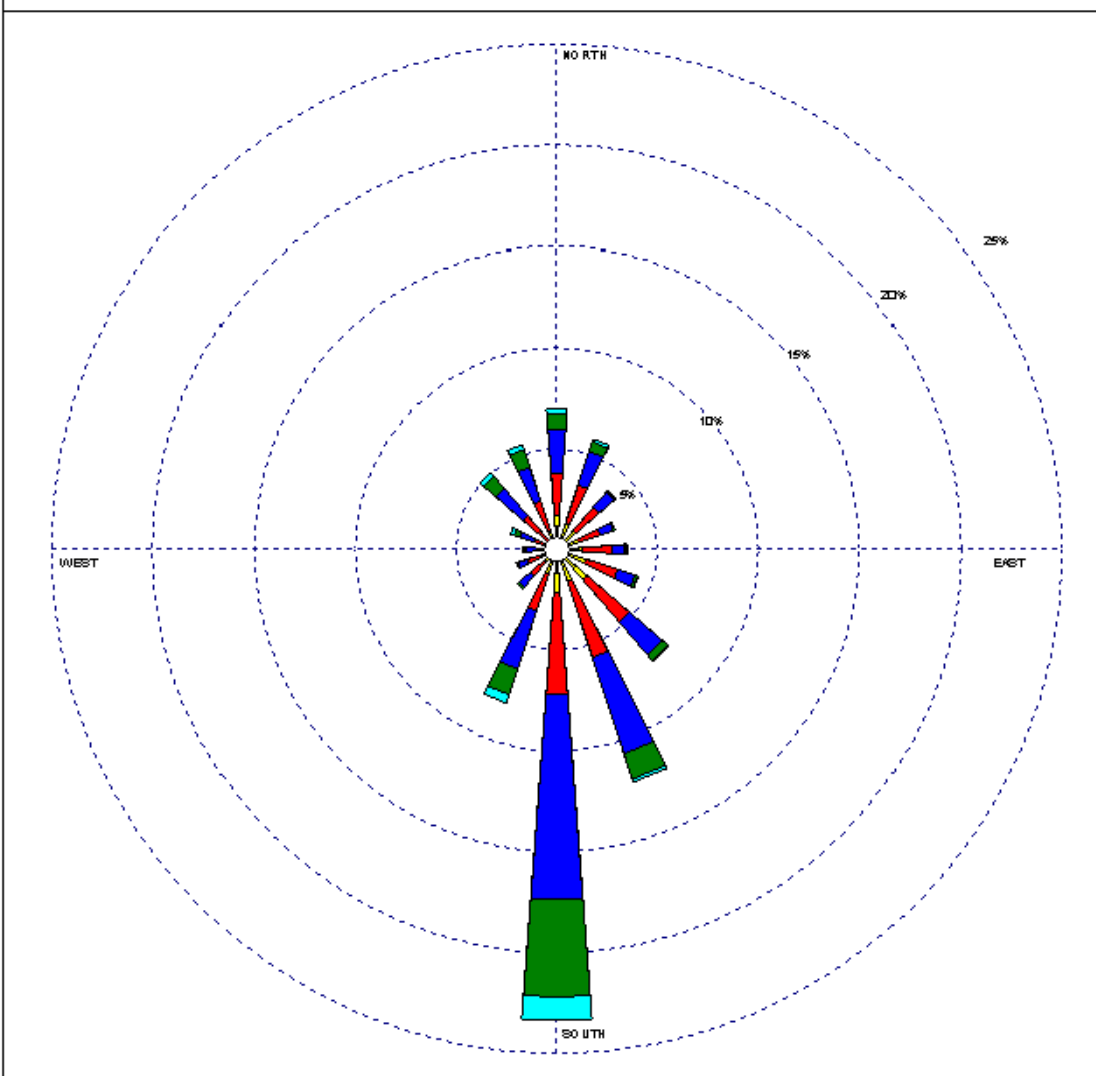


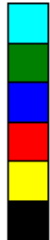
Jireten 3 WWTP Wind Rose



WIND ROSE PLOT

Station #03927 - DALLAS/FORT WORTH/REGIONAL AR, TX



Wind Speed (m/s) 	MODELER	DATE	COMPANY NAME
	Sara West	8/29/2002	USDA-ARS
	DISPLAY	UNIT	COMMENTS
	Wind Speed	m/s	
	AVG. WIND SPEED	CALM WINDS	
	5.76 m/s	2.32%	
	ORIENTATION	PLOT YEAR-DATETIME	
	Direction (blowing from)	1961 Apr 1 - Apr 30 Midnight - 11 PM	

WROD 3.0 Rev 3.3 by Caltech Environmental Services - www.caltech-environmental.com

Date
March 17, 2023

Drawn By
CE

Scale
NTS

consulting **environmental** engineers, inc.
150 n. harbin drive - suite 408 geophenille, tx 76401
(254) 968-9130 fax: (254) 968-9134 email: ceinc@ceinc.org
registered firm #P-2333

Development 3 Group
Jireten 3 WWTP
Waxahachie, Texas
Wind Rose

Sheet 012

Jireten 3 WWTP Sewage Sludge Solids Management





consulting environmental engineers, inc.

150 n. harbin drive – suite 408 • stephenville, tx 76401

phone: (254) 968-8130 fax: (254) 968-8134

email: ceeinc@ceeinc.org registered firm: #F-2323

Sludge Management Calculation Sheet

Permittee	1	Jireten 3 WWTP
Influent BOD	2	252 mg/l
Effluent BOD	3	20 mg/l
Average Daily Flow	4	54,000 gallon/day
Influent TSS	5	20 mg/l
Average Daily Organic Load	6	50.00 lbs/day
Required Digester Volume	7	1000 cubic feet
BOD Removal	8	104.48 lbs/day

Solids Generated		100%	75%	50%	25%
BOD Removed	9	104.48	78.36	52.24	26.12
Non-Volatile TSS	10	9.00	6.75	4.50	2.25
Solids Produced (lbs)	11	52.24	39.18	26.12	13.06
Total Wet Sludge	12	1530.95	1148.22	765.48	382.74
Volume of Wet Sludge (cubic ft)	13	24.57	18.43	12.29	6.14
Sludge Storage Available	14	40.7	54.3	81.4	162.8

Sludge will be wasted from the RAS flow stream to the aerobic digester. Sludge solids will be stabilized in the digester; supernatant will be decanted from the digester and returned to the facility headworks for treatment.

Liquid digested sludge will be removed from the digester for disposal on a regular basis as required. The calculated mean cell residence time for the digester storage volume of 20,000 gallons will be approximately 20 days at 100% capacity. Generated waste will be hauled by an approved transporter to a permitted site.



consulting environmental engineers, inc.

150 n. harbin drive – suite 408 • stephenville, tx 76401

phone: (254) 968-8130 fax: (254) 968-8134

email: ceeinc@ceeinc.org registered firm: #F-2323

Sludge Management Calculation Sheet

Permittee	1	Jireten 3 WWTP
Influent BOD	2	252 mg/l
Effluent BOD	3	20 mg/l
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Influent TSS	5	20 mg/l
Average Daily Organic Load	6	50.00 lbs/day
Required Digester Volume	7	1000 cubic feet
BOD Removal	8	104.48 lbs/day

Solids Generated		100%	75%	50%	25%
BOD Removed	9	104.48	78.36	52.24	26.12
Non-Volatile TSS	10	9.00	6.75	4.50	2.25
Solids Produced (lbs)	11	52.24	39.18	26.12	13.06
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**Jireten 3 WWTP
Copy of Check**



JIR 0096

 UNITED STATES POSTAL SERVICE®		POSTAL MONEY ORDER	
Serial Number	Year, Month, Day	Post Office	U.S. Dollars and Cents
28304005882	2020 09 27	75014	\$650.00
Amount		Six Hundred Fifty Dollars and 00/100 *****	
Pay to	From		Clerk
TCEQ	JIRETEN LLC		11
Address	Address		
	PO BOX 140991		
Memo	IRVING, TX 75014		
SEE REVERSE WARNING • NEGOTIABLE ONLY IN THE U.S. AND POSSESSIONS			
:00000800 2:		2830400588 2	

 UNITED STATES POSTAL SERVICE®		POSTAL MONEY ORDER	
Serial Number	Year, Month, Day	Post Office	U.S. Dollars and Cents
28304005871	2020 09 27	75014	\$1000.00
Amount		One Thousand Dollars and 00/100 *****	
Pay to	From		Clerk
TCEQ	JIRETEN LLC		11
Address	Address		
	PO BOX 140991		
Memo	IRVING, TX 75014		
SEE REVERSE WARNING • NEGOTIABLE ONLY IN THE U.S. AND POSSESSIONS			
:00000800 2:		2830400587 1	

JIR 0097

Jireten 3 WWTP Discharge Route Easement



JIR 0098

SPECIAL WARRANTY DEED

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

DATE: July 28, 2022

GRANTOR: **BUTCHER 3 INVESTMENTS, LLC,**
A Texas limited liability company

GRANTOR'S P.O. Box 140991
MAILING ADDRESS: Irving, Texas 75014

GRANTEE: **JIRETEN, LLC**

GRANTEE'S P.O. Box 140991
MAILING ADDRESS: Irving, Texas 75014

CONSIDERATION: \$10.00 and other good and valuable consideration, the receipt and sufficiency of which are acknowledged.

PROPERTY: BEING all that certain parcel of land consisting of 10.568 acres and being situated in the JOHN F. STROOPE SURVEY, ABSTRACT NO. 1042, Ellis County, Texas, and being more particularly described in **Exhibit "A"** attached hereto and incorporated herein for all purposes.

EXCEPTIONS TO WARRANTY: This conveyance is made and delivered subject to any liens being assumed herein, validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing restrictions, reservations, covenants, conditions, oil and gas leases, mineral interests, and water interests outstanding in persons other than Grantor, and other instruments, other than conveyances of the surface fee estate, that affect the Property; validly existing rights of adjoining owners in any walls and fences situated on a common boundary; any discrepancies, conflicts, or shortages in area or boundary lines; any encroachments or overlapping of improvements; and taxes for the current year, which Grantee assumes and agrees to pay, including subsequent assessments for that and prior years due to change in land usage, ownership, or both.

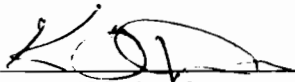
Grantor, for the Consideration and subject only to the Exceptions to Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's successors and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's successors and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof when the claim is by, through, or under Grantor but not otherwise.

A vendor's lien against and superior title to the Property is hereby retained until the Notes and other obligations described in the Deed of Trust (the "Deed of Trust"), dated of even date herewith, from Grantee to CEASON'S HOLDINGS, LLC are fully paid according to their terms, at which time this Deed shall become absolute. For the consideration of the cash payment to Grantor described above, Grantor hereby ASSIGNS and TRANSFERS said vendor's lien and superior title to CEASON'S HOLDINGS, LLC, as Lender, as security for Grantee's obligations, without representation by, or recourse against, Grantor.

When the context requires, singular nouns and pronouns include the plural.

GRANTOR:

BUTCHER 3 INVESTMENTS, LLC,
a Texas limited liability company

By: _____
KEITH DAVIS, Manager

[Acknowledgment follows on next page]

ACKNOWLEDGMENT

STATE OF TEXAS

§

§

COUNTY OF ELLIS

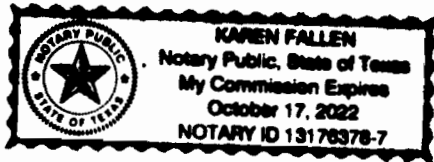
§

This instrument was acknowledged before me by KEITH DAVIS, Manager of BUTCHER 3 INVESTMENTS, LLC, a Texas limited liability company, Grantor, on behalf of said Company, on this the 28th day of July, 2022.

Karen Fallen

NOTARY PUBLIC, STATE OF TEXAS

My Commission Expires:



AFTER RECORDING RETURN TO:

JIRETEN, LLC
c/o Keith Davis
P.O. Box 140991
Irving, Texas 75014

PREPARED IN THE OFFICE OF:

James P. Moon, Esq.
P. O. Box 2206
Red Oak, Texas 75154

PROPERTY DESCRIPTION

BEING all that certain parcel of land being situated in the JOHN F. STROOPE SURVEY, ABSTRACT NO. 1042, Ellis County, Texas, and being a portion of the 11.986 acre tract of land conveyed to Butcher 3 Investments, LLC by Special Warranty Deed recorded in Instrument Number 2151806 of the Official Public Records of Ellis County, Texas (OPRECT), and being more particularly described as follows:

BEGINNING at a 1/2" iron rod found with cap marked "WLSC RPLS 5331" in the south line of the 50.489 acre tract of land conveyed to Turnerville Holdings, LLC by Special Warranty Deed recorded in Instrument Number 2121221, OPRECT and in the south line of the Stroope Survey and in the north line of the 80.015 acre tract of land conveyed to Trelen Land, LLC by Special Warranty Deed recorded in Instrument Number 2121222, OPRECT and of the Ashton Slayback Survey, Abstract No. 1005 and which bears N 58°59'48" E, a distance of 587.68 feet from a 1/2" iron rod found with cap marked "WLSC RPLS 5331" for the southwest corner of said 50.489 acre tract;

THENCE N 20°02'44" E, along the west line of said Butcher Tract and a residual east line of said 50.489 acre tract, a distance of 1232.98 feet to a 1/2" iron rod set with cap marked "WLSC RPLS 5331" for the northwest corner of this tract;

THENCE S 69°57'16" E, along the north line of this tract, a distance of 202.99 feet to a 1/2" iron rod found with cap marked "WLSC RPLS 5331" in the west line of the westerly residual portion of said 50.489 acre tract for an angle corner of said Butcher Tract;

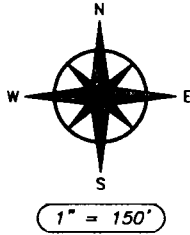
THENCE S 30°58'08" E, along the east line of said Butcher Tract and a residual west line of said 50.489 acre tract, a distance of 617.25 feet to a 1/2" iron rod found with cap marked "WLSC RPLS 5331" in the south line of said 50.489 acre tract and in the north line of said 80.015 acre tract and in the common Stroope – Slayback Survey Line for the southeast corner of said Butcher Tract;

THENCE S 58°59'48" W, along the south line of said Butcher Tract and the north line of said 80.015 acre tract and along the common Stroope – Slayback Survey Line, a distance of 1086.11 feet to the PLACE OF BEGINNING and containing 10.568 acres of land as surveyed on the ground on July, 2022 by Walker Land Surveying Company. Basis of bearings is GPS observation, Texas Coordinate System, North Central Zone. Beginning coordinate - Northing=6852622.88, Easting=2490314.23.

WLSC

Walker Land Surveying Company
P.O. Box 2911 Waxahachie, Texas 75168

Farm to Market Highway 387



Residual of 11.986 Acres
Butcher Investments, LLC
Inst. No. 2151806
OPRECT

Residual of 50.489 Acres
Turnerville Holdings, LLC
Inst. No. 2121221
OPRECT

Residual of 50.489 Acres
Turnerville Holdings, LLC
Inst. No. 2121221
OPRECT

10.568 Acres
John F. Stroope Survey
Abstract No. 1042

80.015 Acres
Trelan Land, LLC
Inst. No. 2121222
OPRECT

Schedule B Notes

This property is subject to the following easements:

Rockett Water Supply Corp. Vol. 642, Pg. 143, DRECT
Inst. No. 2210025, OPRECT

See Attached Property Description

This is to certify that I have, on this date, made a true and correct on the ground survey of the subject property. The plat hereon is an accurate representation of the boundary and area as determined by survey. The size, location, and type of buildings and improvements are as shown. Any visible utilities and easements are located as shown. I do not warrant that those shown comprise all such utilities in the area, whether in service or abandoned. I further certify that no portion of the subject property is located in a Special Flood Hazard Boundary according to the Flood Insurance Rate Map for Ellis County, Texas. Map # 48139C0200 F, Zone X. This survey plat was prepared for title purposes in conjunction with First American Title Company. Title insurance GF# 5106948-F-TX-CR-GL. The easements, right-of-ways, and other exceptions shown are according to the Schedule B provided. The surveyor has not abstracted the property. This survey substantially complies with the Texas Society of Professional Surveyors Standards and Specifications for a Category 1A, Condition 3 Survey. This survey was completed exclusively for the above named parties in the original transaction only. It was completed for single use only and no license is granted for any other use without the express written consent of Walker Land Surveying Company. This survey plat contains material protected by United States copyright law and international treaties. Copyright ©2022 Walker Land Surveying Company. All rights reserved. All original copies are multi-colored and marked with the Surveyor's embossed seal. Only these copies may be considered true and correct copies. Any copies not multi-colored and marked with the embossed seal are illegal copies and render this certification null and void.

LEGEND	
●	- Property Corner
IR	- Iron Rod
ROW	- Right of Way
P/P	- Power Pole
1/2"	- 1/2" Iron rod fnd with cap
CIRF	marked "WLSC RPLS 5331"
1/2"	- 1/2" Iron rod set with cap
CIRS	marked "WLSC RPLS 5331"

Date: July, 2022
Project: 220063
TBPELS Firm No. 10112400
Copyright ©2022 Walker Land Surveying Company.
All rights reserved.

J. Shawne Walker
2022.07.19 15:22:47 -05'00'

J. Shawne Walker, R.P.L.S.
Texas Registration #5331



STATE OF TEXAS COUNTY OF ELLIS
I hereby certify this instrument was filed on the date
and time stamped hereon and was duly recorded in
the records of Ellis County, Texas as stamped hereon.
COUNTY CLERK, ELLIS COUNTY, TEXAS



J. Shawne Walker

JIR 0103

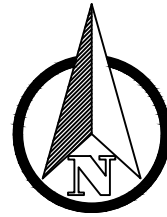
FILED FOR RECORD - ELLIS COUNTY, TEXAS
INST NO. 2231820 on August 10, 2022 at 8:38 AM

LEGEND OF ABBREVIATIONS

- O.P.R.E.C.T. OFFICIAL PUBLIC RECORDS, ELLIS COUNTY, TEXAS
- DOC.# DOCUMENT NUMBER
- C.M. CONTROLLING MONUMENT
- SQ. FT. SQUARE FEET
- ROW RIGHT OF WAY
- CRS CAPPED REBAR SET

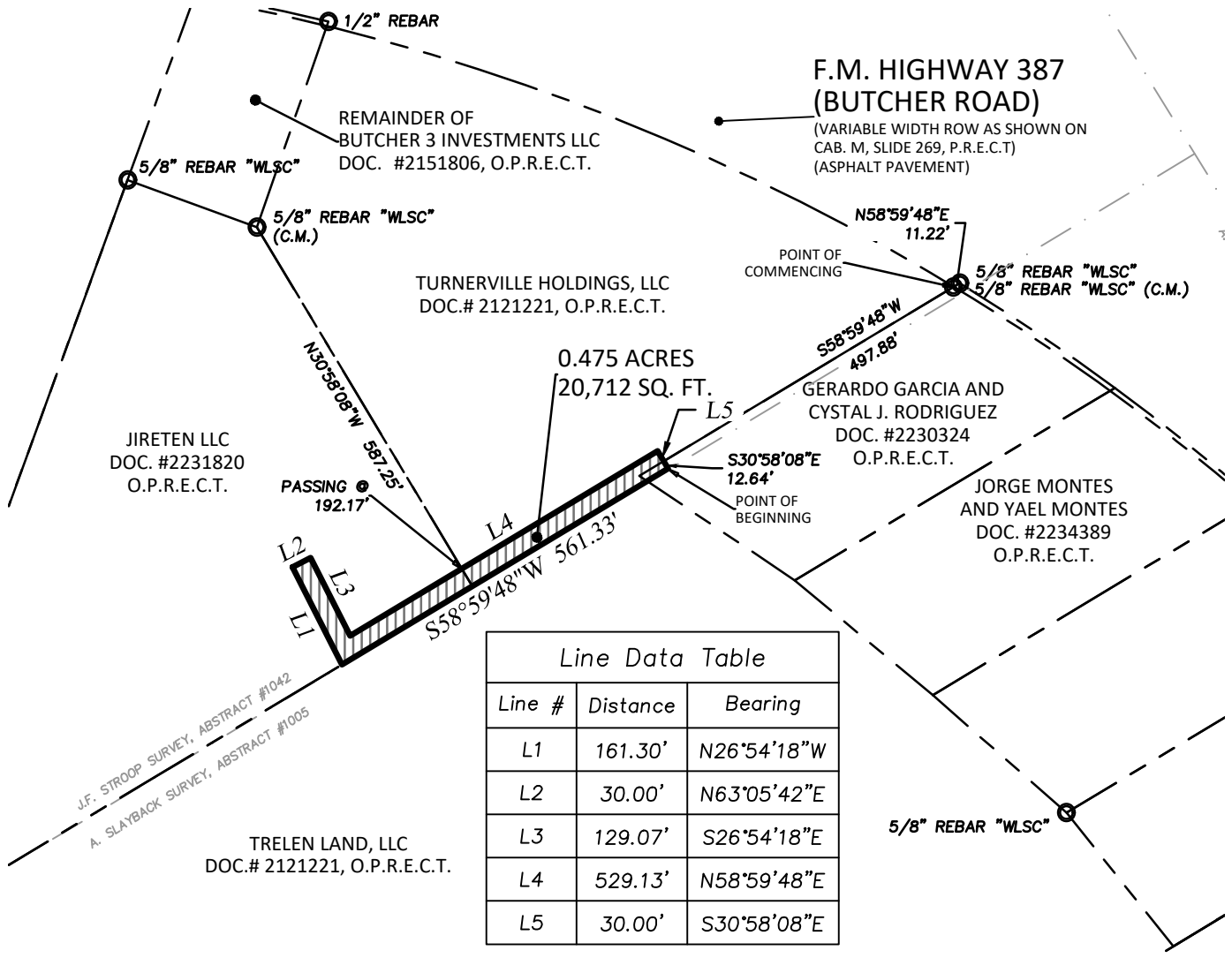
NOTE:

Bearings are based on the State Plane Coordinate System, Texas North Central Zone (4202) North American Datum of 1983 (NAD '83), with a combined scale factor of 1.000072449



0 125' 250'

SCALE: 1" = 250'



5200 State Highway 121
Colleyville, TX 76034
Phone: 817-488-4960

DATE: 03/22/2023 JOB NO.: 2023.001.298

Page 1 of 2

EXHIBIT " _ "
20,712 SQUARE FEET
SITUATED IN THE
J.F. STROOP SURVEY
ABSTRACT NO. 1042
ELLIS COUNTY, TEXAS

EXHIBIT " _ "
20,712 SQUARE FEET
SITUATED IN THE
J.F. STROOP SURVEY
ABSTRACT NO. 1042
ELLIS COUNTY, TEXAS

PROPERTY DESCRIPTION

BEING a tract situated in the J.F. Strop Survey, abstract number 1042, Ellis County, Texas, being part of the tract described in the deed to Turnerville Holdings, LLC, recorded in document number 2121221, Official Public Records, Ellis County, Texas (O.P.R.E.C.T.), part of the tract described in the deed to Gerardo Garcia and Crystal Rodriguez, recorded in document number 2230324, O.P.R.E.C.T., and part of the tract described in the deed to JIRETEN, LLC, recorded in document number 2231820, O.P.R.E.C.T., the subject tract being more particularly described as follows:

COMMENCING at a 5/8 inch rebar found in the northwest line of said Garcia tract, from which a 5/8 inch rebar with cap stamped "WLSC" found at its north corner bears NORTH 58 degrees 59 minutes 48 seconds EAST, 11.22 feet;

THENCE with the northwest line of said Garcia tract, SOUTH 58 degrees 59 minutes 48 seconds WEST, a distance of 497.88 feet;

THENCE through the interior of said Garcia tract, SOUTH 30 degrees 58 minutes 08 seconds EAST, a distance of 12.64 feet to the easternmost corner and **POINT OF BEGINNING** of the herein described tract;

THENCE with the south line of said Turnerville Holdings tract, SOUTH 58 degrees 59 minutes 48 seconds WEST, passing the southeast corner of said JIRETEN tract, continuing for a total distance of 561.33 feet to a point in the south line of said JIRETEN tract;

THENCE through the interior of said JIRETEN tract, NORTH 26 degrees 54 minutes 18 seconds WEST, a distance of 161.30 feet;

THENCE through the interior of said JIRETEN tract, NORTH 63 degrees 05 minutes 42 seconds EAST, a distance of 30.00 feet;

THENCE through the interior of said JIRETEN tract, SOUTH 26 degrees 54 minutes 18 seconds EAST, a distance of 129.07 feet;

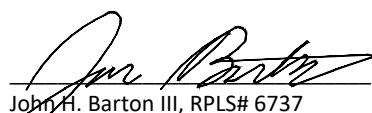
THENCE through the interior of said JIRETEN tract, NORTH 58 degrees 59 minutes 48 seconds EAST, passing at a distance of 192.17 feet the east lien of said JIRETEN tract, from which a 5/8 inch rebar with cap stamped "WLSC" found at its northeast corner bears NORTH 30 degrees 58 minutes 08 seconds WEST, 587.25 feet, continuing for a total distance of 529.13 feet;

THENCE through the interior of said Turnerville Holdings tract, SOUTH 30 degrees 58 minutes 08 seconds EAST, a distance of 30.00 feet, returning to the **POINT OF BEGINNING** and enclosing

SURVEYOR'S CERTIFICATE

This is to certify that I, John H. Barton III, a Registered Professional Land Surveyor of the State of Texas, have prepared this map from an actual survey on the ground, and that this map correctly represents that survey made by me or under my direction and supervision.

Date of Plat/Map: **March 23, 2023**


John H. Barton III, RPLS# 6737



**Jireten 3 WWTP
Public Involvement Plan Form 20960**





Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening

New Permit or Registration Application

New Activity - modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

**If all the above boxes are not checked, a Public Involvement Plan is not necessary.
Stop after Section 2 and submit the form.**

Public Involvement Plan not applicable to this application. Provide **brief** explanation.

Section 3. Application Information

Type of Application (check all that apply):

Air Initial Federal Amendment Standard Permit Title V
Waste Municipal Solid Waste Industrial and Hazardous Waste Scrap Tire
Radioactive Material Licensing Underground Injection Control

Water Quality

Texas Pollutant Discharge Elimination System (TPDES)
Texas Land Application Permit (TLAP)
State Only Concentrated Animal Feeding Operation (CAFO)
Water Treatment Plant Residuals Disposal Permit
Class B Biosolids Land Application Permit
Domestic Septage Land Application Registration

Water Rights New Permit

New Appropriation of Water
New or existing reservoir

Amendment to an Existing Water Right

Add a New Appropriation of Water
Add a New or Existing Reservoir
Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

(City)

(County)

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

City

County

Census Tract

- (a) Percent of people over 25 years of age who at least graduated from high school
- (b) Per capita income for population near the specified location
- (c) Percent of minority population and percent of population by race within the specified location
- (d) Percent of Linguistically Isolated Households by language within the specified location
- (e) Languages commonly spoken in area by percentage
- (f) Community and/or Stakeholder Groups
- (g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

Yes No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

Yes No

If Yes, please describe.

If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

Yes No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

Yes No

(e) If a public meeting is held, will a translator be provided if requested?

Yes No

(f) Hard copies of the application will be available at the following (check all that apply):

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

Yes No

What types of notice will be provided?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

**Jireten 3 WWTP
Domestic Administrative Report Form 10053**



JIR 0111



Complete and submit this checklist with the application.

PERMIT NUMBER: [Click here to enter text](#)

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

	Y	N		Y	N
Administrative Report 1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Original USGS Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Administrative Report 1.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Affected Landowners Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SPIF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Landowner Disk or Labels	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Core Data Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Buffer Zone Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Public Involvement Plan Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flow Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technical Report 1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Site Drawing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technical Report 1.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Original Photographs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 2.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Design Calculations	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 2.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Solids Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Water Balance	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Worksheet 3.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 3.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 3.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 4.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 6.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 7.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			

For TCEQ Use Only

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



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 <input type="checkbox"/>	\$315.00 <input type="checkbox"/>
≥0.05 but <0.10 MGD	\$550.00 <input type="checkbox"/>	\$515.00 <input type="checkbox"/>
≥0.10 but <0.25 MGD	\$850.00 <input checked="" type="checkbox"/>	\$815.00 <input type="checkbox"/>
≥0.25 but <0.50 MGD	\$1,250.00 <input type="checkbox"/>	\$1,215.00 <input type="checkbox"/>
≥0.50 but <1.0 MGD	\$1,650.00 <input type="checkbox"/>	\$1,615.00 <input type="checkbox"/>
≥1.0 MGD	\$2,050.00 <input type="checkbox"/>	\$2,015.00 <input type="checkbox"/>

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: 28304005882, 28304005871

Check/Money Order Amount: \$1,650.00

Name Printed on Check: Jireten LLC

EPAY Voucher Number:

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 29)

- | | |
|---|---|
| <input checked="" type="checkbox"/> New TPDES | <input type="checkbox"/> New TLAP |
| <input type="checkbox"/> Major Amendment <u>with</u> Renewal | <input type="checkbox"/> Minor Amendment <u>with</u> Renewal |
| <input type="checkbox"/> Major Amendment <u>without</u> Renewal | <input type="checkbox"/> Minor Amendment <u>without</u> Renewal |
| <input type="checkbox"/> Renewal without changes | <input type="checkbox"/> Minor Modification of permit |

For amendments or modifications, describe the proposed changes:

For existing permits:

Permit Number: WQ00

EPA I.D. (TPDES only): TX

Expiration Date:

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?

Jireten, LLC

(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/>

CN: [REDACTED]

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.

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Keith Davis

Credential (P.E, P.G., Ph.D., etc.): [REDACTED]

Title: President

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?

(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/>

CN: [REDACTED]

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.

Prefix (Mr., Ms., Miss): [REDACTED]

First and Last Name: [REDACTED]

Credential (P.E, P.G., Ph.D., etc.): [REDACTED]

Title: [REDACTED]

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

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: I

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. Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Keith Davis

Credential (P.E, P.G., Ph.D., etc.):

Title: President

Organization Name: Jireten, LLC

Mailing Address: PO Box 140991

City, State, Zip Code: Irving, TX 75014

Phone No.: 469-616-9322 Ext.: Fax No.: 888-842-1342

E-mail Address: develop3group@gmail.com

Check one or both: ☒ Administrative Contact ☐ Technical Contact

B. Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Charles Gillespie

Credential (P.E, P.G., Ph.D., etc.):

Title: President

Organization Name: Consulting Environmental Engineers, Inc

Mailing Address: 150 N Harbin Dr. Suite 408

City, State, Zip Code: Stephenville, TX 76401

Phone No.: 254-968-8130 Ext.: Fax No.:

E-mail Address: ceeinc@ceeinc.org

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. Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Keith Davis

Credential (P.E, P.G., Ph.D., etc.): [REDACTED]

Title: President

Organization Name: Jireten, LLC

Mailing Address: PO Box 140991

City, State, Zip Code: Irving, TX 75014

Phone No.: 469-616-9322 Ext.: [REDACTED] Fax No.: 888-842-1342

E-mail Address: develop3group@gmail.com

B. Prefix (Mr., Ms., Miss): Ms.

First and Last Name: Jewel King

Credential (P.E, P.G., Ph.D., etc.): [REDACTED]

Title: Secretary

Organization Name: Jireten, LLC

Mailing Address: PO Box 140991

City, State, Zip Code: Irving, TX 75014

Phone No.: 469-223-8574 Ext.: [REDACTED] Fax No.: [REDACTED]

E-mail Address: [REDACTED]

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).

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Keith Davis

Credential (P.E, P.G., Ph.D., etc.): [REDACTED]

Title: President

Organization Name: Jireten, LLC

Mailing Address: PO Box 140991

City, State, Zip Code: Irving, TX 75014

Phone No.: 469-616-9322 Ext.: [REDACTED] Fax No.: 888-842-1342

E-mail Address: develop3group@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.

Prefix (Mr., Ms., Miss): [REDACTED]

First and Last Name: TexTech Environmental

Credential (P.E, P.G., Ph.D., etc.): [REDACTED]

Title: [REDACTED]

Organization Name: TexTech Environmental

Mailing Address: 1125 S Burleson Road

City, State, Zip Code: Burleson, TX 76028

Phone No.: 817-295-3701 Ext.: [REDACTED] Fax No.: [REDACTED]

E-mail Address: [REDACTED]

DMR data is required to be submitted electronically. Create an account at:
<https://www.tceq.texas.gov/permitting/netdmr/netdmr.html>.

Section 8. Public Notice Information (Instructions Page 31)

A. Individual Publishing the Notices

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Charles Gillespie

Credential (P.E, P.G., Ph.D., etc.): [REDACTED]

Title: President

Organization Name: Consulting Environmental Engineers, Inc

Mailing Address: 150 N. Harbin Dr. Suite 408

City, State, Zip Code: Stephenville, TX 76401

Phone No.: 254-968-8130 Ext.: [REDACTED] Fax No.: [REDACTED]

E-mail Address: ceeinc@ceeinc.org

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

☐ Fax

☒ Regular Mail

C. Contact person to be listed in the Notices

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Keith Davis

Credential (P.E, P.G., Ph.D., etc.): [REDACTED]

Title: President

Organization Name: Jireten, LLC

Phone No.: 469-616-9322 Ext.: [REDACTED]

E-mail: develop3group@gmail.com

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: Nicholas P. Sims Library

Location within the building: Front Desk

Physical Address of Building: 515 W. Main St.

City: Waxahachie

County: Ellis

Contact Name: Paula

Phone No.: 972-937-2671 Ext.: [REDACTED]

E. Bilingual Notice Requirements:

This information **is required** for **new, major amendment, minor amendment or minor modification, and renewal 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.

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

Phone No.: [REDACTED] E-mail Address: [REDACTED]

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: [REDACTED]

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

Prefix (Mr., Ms., Miss): [REDACTED]

First and Last Name: [REDACTED]

Mailing Address: [REDACTED]

City, State, Zip Code: [REDACTED]

Phone No.: [REDACTED] E-mail Address: [REDACTED]

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: [REDACTED]

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:

The proposed WWTP will be located approximately 590 feet south of the intersection of Butcher Rd and S Ring Rd in Waxahachie, Ellis County, Texas 75165.

- 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:

New Permit: The effluent will flow through an unnamed tributary into Lake Clopton, thence to an unnamed tributary, thence to Red Oak Creek Classified Segment 0805A

City nearest the outfall(s): Waxahachie

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

Outfall Latitude: 32.456618

Longitude: -96.804609

- 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: [REDACTED]

- D. 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

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

[REDACTED]

- B. City nearest the disposal site: [REDACTED]

- C. County in which the disposal site is located: [REDACTED]

- D. Disposal Site Latitude: [REDACTED] Longitude: [REDACTED]

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

[REDACTED]

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

[REDACTED]

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.

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:

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
- ☐ Other Attachments. Please specify: Link here to attachments

Section 14. Signature Page (Instructions Page 39)

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

Permit Number:

Applicant: Jireten, LLC

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): Keith Davis

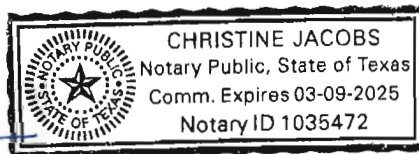
Signatory title: President

Signature: K. O. O. Date: 3-25-2023
(Use blue ink)

Subscribed and Sworn to before me by the said Christine Jacobs
on this 25 day of March, 20 23.

My commission expires on the 03 day of 09, 2025.


Notary Public



[SEAL]

Dallas
County, Texas

Section 15. Plain Language Summary (Instructions Page 40)

If you are subject to the alternative language notice requirements in [30 Texas Administrative Code §39.426](#), **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package.** For your convenience, a Spanish template has been provided below.

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS

DOMESTIC WASTEWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

Jireten, LLC (CN606136620) proposes to operate Jireten 3 WWTP RN111732053. an extended aeration activated sludge TPDES facility. The facility will be located approximately 590 feet south of the intersection of Butcher Rd and S Ring Rd, in Waxahachie, Ellis County, Texas 75165.

This application is for a new TPDES permit to discharge at a daily average flow of 162,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), and Escherichia Coli. Additional pollutants are included in the Domestic Technical Report 1.0 in the permit application package. Domestic treated wastewater will be treated by *an extended aeration activated sludge process plant and is treated by a bar screen, aeration basin, final clarifier, a chlorine contact chamber, and a sludge digester.*

**PLANTILLA EN ESPAÑOL PARA SOLICITUDES
NUEVAS/RENOVACIONES/ENMIENDAS TPDES o TLAP**

AGUAS RESIDUALES DOMÉSTICAS

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no son representaciones federales exigibles de la solicitud de permiso.

Jireten, LLC. (2. Introduzca el número de cliente aquí (es decir, CN6 #####).) propone a operar la planta de tratamiento de agua residuales de Jireten 3. 5. Introduzca el número de entidad regulada aquí (es decir, RN1 #####). Una extensión aeración de lodos activados en la planta de TDPEs. La instalación estará ubicada aproximadamente 590 pies al sur de la intersección. de Butcher Rd y S Spring Rd, en Waxahachie, Condado de Ellis, Texas 75165.

Esta aplicación es para una propuesta de una planta de aguas residuales que descarga un corriente diario de 783,000 galones al día de agua domestica tratada.

Se espera que las descargas de la instalación contengan demanda de oxígeno bioquímico carbonoso de cinco días, solidos totales en suspensión y Escherichia coli. Los contaminantes adicionales se incluyen en el reporte técnico domestico 1.0 del paquete de la aplicación del permiso. Las aguas residuales domesticas serán tratado por una planta de proceso de lodos activados de aireación extendida y serán tratadas por un filtro de barras, una balsa de aireación, un clarificador final, una cámara de contacto con cloro y un digestor de lodos.

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 landowner's map has been provided.
- C. Indicate by a check mark in which format the landowners list is submitted:
- ☒ USB Drive ☐ Four sets of labels
- D. Provide the source of the landowners' names and mailing addresses: Ellis County CAD
- E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?
- ☐ Yes ☒ No

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

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: _____ Segment Number: _____

Admin Complete Date: _____

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: Jireten, LLC

Permit No. WQ00

EPA ID No. TX

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

The proposed WWTP will be located approximately 590 feet south of the intersection on Butcher Rd and S Ring Rd in Waxahachie, Ellis County, Texas 75165

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

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Keith Davis

Credential (P.E, P.G., Ph.D., etc.):

Title: President

Mailing Address: PO Box 140991

City, State, Zip Code: Irving, TX 75014

Phone No.: 469-616-9322 Ext.: Fax No.: 888-842-1342

E-mail Address: develop3group@gmail.com

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

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.

The effluent will flow through an unnamed tributary into Lake Clopton, thence to an unnamed tributary thence to an unnamed pond thence to an unnamed tributary an unnamed pond, thence to an unnamed tributary thence to Red Oak Creek Classified Segment 0805A

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):

N/A

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

It is 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:

N/A

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

N/A

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if the mailing the payment.

- Complete items 1 through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- **Do not mail this form with the application form.**
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, Texas 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, Texas 78753

Fee Code: WQP Waste Permit No:

1. Check or Money Order Number: 28304005871 & 28304005882
2. Check or Money Order Amount: \$1,000.00 & \$650.00
3. Date of Check or Money Order: 03/27/2023
4. Name on Check or Money Order: Jireten, LLC
5. APPLICATION INFORMATION

Name of Project or Site: Jireten 3 WWTP

Physical Address of Project or Site: Approximately 590 feet south of the intersection of Butcher Rd and S Ring Rd in Waxahachie, Ellis County, Texas 75165

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

Staple Check or Money Order in This Space

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ATTACHMENT 1

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):

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:

CHECKLIST OF COMMON DEFICIENCIES

Below is a list of common deficiencies found during the administrative review of domestic wastewater permit applications. To ensure the timely processing of this application, please review the items below and indicate by checking Yes that each item is complete and in accordance applicable rules at 30 TAC Chapters 21, 281, and 305. If an item is not required this application, indicate by checking N/A where appropriate. Please do not submit the application until the items below have been addressed.

Core Data Form (TCEQ Form No. 10400) <i>(Required for all applications types. Must be completed in its entirety and signed. Note: Form may be signed by applicant representative.)</i>	<input checked="" type="checkbox"/>	Yes
Correct and Current Industrial Wastewater Permit Application Forms <i>(TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or later.)</i>	<input checked="" type="checkbox"/>	Yes
Water Quality Permit Payment Submittal Form (Page 19) <i>(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)</i>	<input checked="" type="checkbox"/>	Yes
7.5 Minute USGS Quadrangle Topographic Map Attached <i>(Full-size map if seeking "New" permit. 8 ½ x 11 acceptable for Renewals and Amendments)</i>	<input checked="" type="checkbox"/>	Yes
Current/Non-Expired, Executed Lease Agreement or Easement Attached	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes
Landowners Map <i>(See instructions for landowner requirements)</i>	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes

Things to Know:

- All the items shown on the map must be labeled.
- The applicant's complete property boundaries must be delineated which includes boundaries of contiguous property owned by the applicant.
- The applicant cannot be its own adjacent landowner. You must identify the landowners immediately adjacent to their property, regardless of how far they are from the actual facility.
- If the applicant's property is adjacent to a road, creek, or stream, the landowners on the opposite side must be identified. Although the properties are not adjacent to applicant's property boundary, they are considered potentially affected landowners. If the adjacent road is a divided highway as identified on the USGS topographic map, the applicant does not have to identify the landowners on the opposite side of the highway.

Landowners Cross Reference List <i>(See instructions for landowner requirements)</i>	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes
Landowners Labels or USB Drive attached <i>(See instructions for landowner requirements)</i>	<input type="checkbox"/> N/A <input checked="" type="checkbox"/>	Yes
Original signature per 30 TAC § 305.44 – Blue Ink Preferred <i>(If signature page is not signed by an elected official or principle executive officer, a copy of signature authority/delegation letter must be attached)</i>	<input checked="" type="checkbox"/>	Yes

**Jireten 3 WWTP
Domestic Technical Report Form 10054**





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): 0.054

2-Hr Peak Flow (MGD): 0.216

Estimated construction start date: 4/15/24

Estimated waste disposal start date: 07/15/24

B. Interim II Phase

Design Flow (MGD): 0.108

2-Hr Peak Flow (MGD): 0.432

Estimated construction start date: 4/15/26

Estimated waste disposal start date: 07/15/26

C. Final Phase

Design Flow (MGD): 0.162

2-Hr Peak Flow (MGD): 0.648

Estimated construction start date: 4/15/28

Estimated waste disposal start date: 07/15/28

D. Current operating phase: Proposed

Provide the startup date of the facility: 07/15/24

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 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:

Interim I- Effluent flow from source, to a flow splitter. From there, the effluent will flow to Interim I phase activated sludge plant using continuous aeration treatment. Sewage passes through a bar screen to an aeration chamber and then to a clarifier. Sludge is transferred to a holding chamber and supernatant is moved through a chlorine contact chamber to discharge.

Interim II - Effluent flow from source, to a flow splitter. From there, the effluent will flow to Interim II phase activated sludge plant using continuous aeration treatment. Sewage passes through a bar screen to an aeration chamber and then to a clarifier. Sludge is transferred to a holding chamber and supernatant is moved through a chlorine contact chamber to discharge.

Final Phase - Effluent flow from source, to a flow splitter. From there, the effluent will flow to final phase activated sludge plant using continuous aeration treatment. Sewage passes through a bar screen to an aeration chamber and then to a clarifier. Sludge is transferred to a holding chamber and supernatant is moved through a chlorine contact chamber to discharge

Port or pipe diameter at the discharge point, in inches: 6

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)
Phase 1, 2 & 3	1 unit for each phase, 3 of each component total	
Clarifier (Round)	1	18' Diameter
Digester	1	22' x 11.25' x 9.5'
Aeration Basin	1	71' x 11.25' x 9.5'
Chlorine Chamber	1	6' x 11.25' x 9.5'

C. Process flow diagrams

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

Attachment: IX

Section 3. Site Drawing (Instructions Page 52)

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

- 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: X

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

The WWTP will provide wastewater service to the Jireten 3 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.

Click here to enter text

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?

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.

Click here to enter text

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

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:

Click here to enter text

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.

B. Buffer zones

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.

Ownership

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 ☒

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 ☒

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.

3. Grit disposal

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

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

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

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

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:

<div></div>

4. Existing coverage in individual permit

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

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

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

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					
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					
<i>E.coli</i> (CFU/100ml) freshwater					

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Enterococci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO ₃)*, mg/l					

*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					
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity (CaCO ₃), mg/l					

Section 8. Facility Operator (Instructions Page 60)

Facility Operator Name: To be determined upon permit approval

Facility Operator's License Classification and Level: [redacted]

Facility Operator's License Number: [redacted]

Section 9. Sewage Sludge Management and Disposal (Instructions

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

B. Sludge disposal site

Disposal site name: To be determined upon permit approval

TCEQ permit or registration number:

County where disposal site is located:

C. Sludge transportation method

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

Name of the hauler: To be determined upon permit approval

Hauler registration number:

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:

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:

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:

Total Kjeldahl Nitrogen, mg/kg:

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

Phosphorus, mg/kg:

Potassium, mg/kg:

pH, standard units:

Ammonia Nitrogen mg/kg:

Arsenic:

Cadmium:

Chromium:

Copper:

Lead:

Mercury:

Molybdenum:

Nickel:

Selenium:

Zinc:

Total PCBs:

Provide the following information:

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

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

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.

Link here to enter text

D. Site development plan

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

Link here to enter text

Attach the following documents to the application.

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

Attachment: [Link here to enter text](#)

- Copy of the closure plan

Attachment: [Link here to enter text](#)

- Copy of deed recordation for the site

Attachment: [Link here to enter text](#)

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

Attachment: [Link here to enter text](#)

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

Attachment: [Link here to enter text](#)

- Procedures to prevent the occurrence of nuisance conditions

Attachment: [Link here to enter text](#)

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: [link here to enter text](#)

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:

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: [click here to enter text](#)

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: Keith Davis

Title: President

Signature: 

Date: 3-25-2023

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.

Based on U.S. Census Bureau 2020 information for the site locations, a 27.9% increase in population has occurred since 2010 giving a population density of 831.1 per mile. Based on this data, the subdivision should be fully populated in less than ten years. The developer anticipates a total population of 1,800 within the proposed 600 home development. Build out is anticipated within a 4-year period beginning in the second quarter of 2024 and completion by second quarter 2028. The rate of completed construction will vary dependent on the weather, supply chain issues and economic stability with a target of 13 homes per month. Phase I of the project will be completed in the third quarter of 2024 with phase II beginning immediately and anticipated completion in the third quarter of 2026. Phase III will begin immediately upon phase II's completion and will be completed in the third quarter of 2028. Full occupancy is anticipated throughout the life of the treatment facility with no further growth potential on the existing property. Based on 30 TAC217.32(a)(3) the design parameters of the proposed wastewater plant are for 600 homes, five office buildings and a self-storage facility for a total of 162,000 gpd.

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: Waxahachie

If yes, attach correspondence from the city.

Attachment: XI

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

Is any portion of the proposed service area located inside another utility's CCN area?

Yes ☐ No ☒

If yes, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the CCN facilities versus the cost of the proposed facility or expansion.

Attachment: 

3. Nearby WWTPs or collection systems

Are there any domestic permitted wastewater treatment facilities or collection systems located within a three-mile radius of the proposed facility?

Yes ☒ No ☐

If yes, attach a list of these facilities that includes the permittee's name and permit number, and an area map showing the location of these facilities.

Attachment: XI

If yes, attach copies of your certified letters to these facilities **and** their response letters concerning connection with their system.

Attachment: XI

Does a permitted domestic wastewater treatment facility or a collection system located within three (3) miles of the proposed facility currently have the capacity to accept or is willing to expand to accept the volume of wastewater proposed in this application?

Yes ☐ No ☒

If yes, attach an analysis of expenditures required to connect to a permitted wastewater treatment facility or collection system located

within 3 miles versus the cost of the proposed facility or expansion.

Attachment: [REDACTED]

Section 2. Organic Loading (Instructions Page 67)

Is this facility in operation?

Yes ☐ No ☒

If **no**, proceed to Item B, Proposed Organic Loading.

If **yes**, provide organic loading information in Item A, Current Organic Loading

A. Current organic loading

Facility Design Flow (flow being requested in application): [REDACTED]

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

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

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

[REDACTED]

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		

Source	Total Average Flow (MGD)	Influent BOD₅ Concentration (mg/l)
Subdivision	0.15	250
Trailer park - transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory	0.0054	300
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	0.1554	
AVERAGE BOD ₅ from all sources		252

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: 20

Total Suspended Solids, mg/l: 20

Ammonia Nitrogen, mg/l: [click here to enter text](#)

Total Phosphorus, mg/l: [click here to enter text](#)

Dissolved Oxygen, mg/l: 4

Other: [click here to enter text](#)

B. Interim II Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 20

Total Suspended Solids, mg/l: 20

Ammonia Nitrogen, mg/l: [click here to enter text](#)

Total Phosphorus, mg/l: [click here to enter text](#)

Dissolved Oxygen, mg/l: 4

Other: [click here to enter text](#)

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 20

Total Suspended Solids, mg/l: 20

Ammonia Nitrogen, mg/l: [click here to enter text](#)

Total Phosphorus, mg/l: [click here to enter text](#)

Dissolved Oxygen, mg/l: 4

Other: [click here to enter text](#)

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 2 mg/l after 20 minutes detention time at peak flow

Dechlorination process: [click here to enter text](#)

☐ Ultraviolet Light: [click here to enter text](#) seconds contact time at peak

flow
☐ Other:

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: XII

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 ☐

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.

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

FEMA Map: 48139C0200F

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: XIV

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:

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:

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

Attach a solids management plan to the application.

Attachment: XV

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.

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).

<input type="text"/>

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: Unnamed Tributary

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:

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.

Unnamed Tributary, Red Oak Creek Classified segment 0805A

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.

The effluent will flow through an Unnamed Tributary, thence to Lake Clopton, thence to an Unnamed Tributary, into a small pond, thence into an Unnamed Tributary, into a small pond, thence into an Unnamed Tributary into Red Oak Creek classified segment 0805A.

E. Normal dry weather characteristics

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

The water Body was Dry

Date and time of observation: 3/29/2023 11:30 AM

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

- | | |
|--|---|
| <input type="checkbox"/> Fishing | <input type="checkbox"/> Navigation |
| <input type="checkbox"/> Domestic water supply | <input type="checkbox"/> Industrial water supply |
| <input type="checkbox"/> Park activities | <input checked="" type="checkbox"/> Other(s), specify <u>None</u> |

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