

Administrative Package Cover Page

This file contains the following documents:

- 1. Summary of application (in plain language)
 - English
 - Alternative Language (Spanish)
- 2. First Notice (NORI-Notice of Receipt of Application and Intent to Obtain a Permit)
 - English
 - Alternative Language (Spanish)
- 3. Application materials



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

- 1. Resumen en lenguaje sencillo (PLS, por sus siglas en inglés) de la actividad propuesta
 - Inglés
 - Idioma alternativo (español)
- 2. Primer aviso (NORI, por sus siglas en inglés)
 - Inglés
 - Idioma alternativo (español)
- 3. Solicitud original

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.

CSWR-Texas Utility Operating Company, LLC (CN605844786) opera Bridgewood Hills WWTP RN103145603, una Planta de tratamiento de aguas residuales domésticas. La instalación es ubicado 20940 Frontage Road., en San Antonio, Condado de Bexar, Texas 78257. Renovación para descargar no más de 0.8 millones de galones por día de aguas residuales domésticas a través del Vertedero 001.

Se espera que las descargas de la instalación contengan Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), amoníaco, E. coli, pH, and Total Residual Clorina. Las aguas residuales descargadas aquí incluyen aguas residuales domésticas. El agua es tratada mediante una criba de rejas, dos zanjas de oxidación, un clarificador final, filtración, desinfección y evacuación de lodos a tres lechos de secado.

DOMESTIC WASTEWATER

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

CSWR-Texas Utility Operating Company, LLC (CN605844786) operates Bridgewood Hills WWTP RN103145603, a Domestic Wastewater Treatment Plant. The facility is located 20940 Frontage Road., in San Antonio, Bexar County, Texas 78257. Renewal to discharge no more than 0.8 million gallons per day of domestic wastewater through Outfall 001.

Discharges from the facility are expected to contain Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), ammonia, E. coli, pH, and Total Residual Chlorine. Wastewater discharged here includes domestic wastewater. The water is treated using a mesh screen, two oxidation ditches, a final clarifier, filtration, disinfection and sludge is removed to three drying beds.

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

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN WATER QUALITY PERMIT RENEWAL

PERMIT NO. WQ0014376001

APPLICATION. CSWR – Texas Utility Operating Company, LLC, 1630 Des Peres Road, Suite 140, Des Peres, Missouri 63131, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014376001 (EPA I.D. No. TX0090603) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 800,000 gallons per day. The domestic wastewater treatment facility is located approximately 3.5 miles north of the intersection of Interstate Highway 10 and Loop 1604, in Bexar County, Texas 78257. The discharge route is from the plant site directly to Upper Leon Creek. TCEQ received this application on January 17, 2025. The permit application will be available for viewing and copying at Igo Library, 13330 Kyle Seale Parkway, San Antonio, in Bexar County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:

<u>https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications</u>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-98.613888,29.63777&level=18

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at: <u>https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications</u>. El aviso de idioma alternativo en español está disponible en <u>https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications</u>.

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. **Notice of the Application and Preliminary Decision will be published and mailed to those who are on the county-wide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.**

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. **Unless the application is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application. If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing. A contested case hearing is a legal proceeding similar to a civil trial in state district court.**

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.

TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at <u>www.tceq.texas.gov/goto/cid</u>. Search the database using the permit number for this application, which is provided at the top of this notice.

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at <u>https://www14.tceq.texas.gov/epic/eComment/</u>, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at <u>www.tceq.texas.gov/goto/pep</u>. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from CSWR-Texas Utility Operating Company, LLC at the address stated above or by calling Ms. Amanda Sappington, EHS Compliance Manager, at 314-464-3976.

Issuance Date: February 12, 2025

Comisión de Calidad Ambiental del Estado de Texas



AVISO DE RECIBO DE LA SOLICITUD Y EL INTENTO DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA RENOVACION

PERMISO NO. WQ0014376001

SOLICITUD. CSWR-Texas Utility Operating Company, LLC, 1630 Des Peres Road, Suite 140, Des Peres, Missouri 63131 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0014376001 (EPA I.D. No. TX 0090603) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 800,000 galones por día. La planta está ubicada aproximadamente 3.5 millas al norte de la intersección de Autopista interestatal 10 y Loop 1604, en el condado de Bexar, Texas 78257. La ruta de descarga es del sitio de la planta a Alto León Creek. La TCEQ recibió esta solicitud el 17 de enero de 2025. La solicitud para el permiso está disponible para leerla y copiarla en Igo Library, 13330 Kyle Seale Parkway, San Antonio, TX en el Condado de Bexar. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdesapplications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-98.613888,29.637777&level=18

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO

CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE **INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre,** dirección, y número de teléfono; el nombre del solicitante y número del permiso: la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro: identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión. La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios. Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Ademas, puede pedir que la TCEQ ponga su nombre en una or mas de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos de el solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado especifico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envia por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

CONTACTOS E INFORMACIÓN DE LA TCEQ. Todos los comentarios escritos del público y los para pedidos una reunión deben ser presentados a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 o por el internet at <u>www.tceq.texas.gov/about/comments.html</u>. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Si necesita más información en Español sobre esta solicitud para un permiso o el proceso del permiso, por favor llame a El Programa de Educación Pública de la TCEQ, sin cobro, al 1-800-687-4040. La información general sobre la TCEQ puede ser encontrada en nuestro sitio de la red: <u>www.tceq.texas.gov</u>.

También se puede obtener información adicional del CSWR-Texas Utility Operationg Company, LLC a la dirección indicada arriba o llamando a Amanda Sappington al 314-464-3976.

Fecha de emisión 12 de febrero de 2025



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 desc	cribe in space provided.)	
New Permit, Registration or Authorization (Core Data)	Form should be submitted with	the program application.)
Renewal (Core Data Form should be submitted with the	Cther	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in	3. Regulated Entity Reference Number (if issued)
CN 605844786	<u>Central Registry**</u>	RN 103145603

SECTION II: Customer Information

4. General C	I Customer Information 5. Effective Date for Customer Information Updates (mm/dd/yyyy) 01/01/2025										
New Custo		Verifiable with the Te	Update to Custon exas Secretary of				-	in Regulated Ent ccounts)	ity Ownersh	ip	
The Custome	er Name s	ubmitted here may	be updated au	tomatica	lly base	ed on wha	t is cur	rent and active	with the T	exas Secre	etary of State
(SOS) or Texa	as Compti	oller of Public Acco	unts (CPA).								
6. Customer	Legal Nar	ne (If an individual, pi	rint last name firs	t: eg: Doe, .	John)	2010	1	f new Customer,	enter previo	us Custome	r below:
CSWR-Texas U	tility Opera	ting Company LLC									
7. TX SOS/CP	7. TX SOS/CPA Filing Number 8. TX State Tax ID (11 digits)						9	9. Federal Tax II			umber (if
803367893			32071353422				(9 digits)	aj	oplicable)	
							8	34-3250493			
11. Type of C	ustomer:	Corpora	ation			□ lr	ndividual Partnership:		p: 🔲 Gene	rai 🗌 Limited	
Government: [🗌 City 🔲	County 🛄 Federal 🗌	Local 🗌 State 🛛] Other		🗆 S	Sole Proprietorship 🔲 Other:				
12. Number	of Employ	/ees	A Designation	132		1000	1	L3. Independen	tly Owned	and Ope	ated?
0-20	21-100	🛛 101-250 🔲 251	-500 🔲 501 a	nd higher		🗋 Yes 🛛 No					
14. Custome	r Role (Pro	posed or Actual) – as	it relates to the R	egulated E	ntity list	ed on this fo	orm. Ple	ase check one of	the followin	g	
Owner	al Licensee	Operator Responsible Pa		er & Opera CP/BSA App				Other:			
15. Mailing	1630 De	s Peres Road									
Ste. 140 Address:											
Address.	City	Des Peres		State	мо	ZII	ZIP 63131		ZI	P+4	
16. Country M	Mailing In	formation (if outside	USA)			17. E-Ma	il Addı	ress (if applicable	2)		anti-and a
						msapping	on@cs	wrgroup.com			
18. Telephone Number 19. Extension or Code 20. Fax Numb						umber (if a	oplicable)				

(314) 464-3976

SECTION III: Regulated Entity Information

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

New Regulated Entity	🔀 Update to Regulated Entity Name	Update to Regulated Entity Information
	EA opdate to negulated Entity Marite	Ex opuate to Regulated Entity information

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

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

Bridgewood Wastewater Treatment Facility

23. Street Address of	20940 Fro	ontage Road							
the Regulated Entity:									
(No PO Boxes)	City	San Antonio	State	тх	ZIP	78257	ZIP + 4		
24. County	Bexar	·		•				1.1	

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

25. Description to								
Physical Location:	SVV CORINEI	OF DOMINION S	UBDIVISION, adjacent	to Leon Cree	2K, 3.5 M N C	DF IH10 AND LOOP 1604 1	NTERSECTIO	JN
26. Nearest City	21 - 23 Say	and the second second	in the second second	in a la	in the second	State	Nea	rest ZIP Code
San Antonio						тх	782	57
Latitude/Longitude are used to supply coordin) Data Stando	ards. (Geocoding of th	e Physical	Address may b
27. Latitude (N) In Deci	mal:	29.637651		28. L	ongitude (V	W) In Decimal:	-98.6138	94
Degrees	Minutes		Seconds	Degre	es	Minutes		Seconds
29. Primary SIC Code (4 digits)		Secondary SIC	Code	31. Prima (5 or 6 digi	r y NAICS Cc ts)	ode 32. Secor (5 or 6 dig	ndary NAI	CS Code
4952		_						
33. What is the Primar	y Business of	this entity? (De	o not repeat the SIC or	NAICS desci	ription.)	I		
Wastewater Treatment						-		
1	1630 Des	Peres Road						
34. Mailing Address:	Ste. 140							
	City	Des Peres	State	мо	ZIP	63131	ZIP + 4	
35. E-Mail Address:	ms	appington@CSWF	group.com		I	•		
36. Telephone Number			37. Extension or (Code	38. F	Fax Number (if applicab	le)	
(314) 464-3976					1) -		

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

Dam Safety	Districts	Edwards Aquifer	Emissions Inventory Air	Industrial Hazardous Waste
Municipal Solid Waste	New Source Review Air		Petroleum Storage Tank	D PWS
Sludge	Storm Water	Title V Air		Used Oil
Voluntary Cleanup	Wooon 127 Coon	Wastewater Agriculture	Water Rights	Other:
	WQ0014376001, TX0090603, R14376001A			

SECTION IV: Preparer Information

40. Name:	Amberly Schul	2		41. Title:	Compliance Specialist
42. Telephone Number 43. Ext./Code 44. Fax Number		44. Fəx Number	45. E-Mail	Address	
(573) 214-1075			() -	aschulz@trccompanies.com	

SECTION V: Authorized Signature

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

Company:	CSWR-Texas Utility Operating Company	Job Title:	Vic	e Pri	esident
Name (In Print):	Michael Duncan			Phone:	(314)749 0820
Signature:	(hill)			Date:	1-16-25

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:	
Application type:RenewalMajor Am	endmentMinor AmendmentNew
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)

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at <u>WQ-ARPTeam@tceq.texas.gov</u> or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: <u>CSWR-Texas Utility Operating Company, LLC</u>

Permit No. WQ00 <u>14376001</u>

EPA ID No. TX <u>0090603</u>

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

20940 Frontage Road, San Antonio, TX 78257 SW CORNER OF DOMINION SUBDIVISION, adjacent to Leon Creek, 3.5 M N OF IH10 AND LOOP 1604 INTERSECTION, San Antonio, Bexar County 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): Amanda SappingtonFirst and Last Name:Credential (P.E, P.G., Ph.D., etc.):Title: EHS Compliance ManagerMailing Address: 1630 Des Peres Road, Ste. 140City, State, Zip Code: Des Peres, Mo 63131Phone No.: 314-464-3976 Ext.:Fax No.:E-mail Address: msappington@cswrgroup.com

- 2. List the county in which the facility is located: <u>Bexar</u>
- If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.
 N/A
- 4. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.

<u>Discharges directly to upper Leon Creek in Segment No. 1907 of the San Antonio River</u> <u>Basin</u>

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

<u>none</u>

2. Describe existing disturbances, vegetation, and land use: None, existing WWTF

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

- 3. List construction dates of all buildings and structures on the property: <u>N/A</u>
- 4. Provide a brief history of the property, and name of the architect/builder, if known. <u>N/A</u>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: <u>CSWR-Texas Utility Operating Company, LLC</u> PERMIT NUMBER (If new, leave blank): WQ00 <u>14376001</u> Indicate if each of the following items is included in your application.

N

 \mathbf{v}

	Y	N
Administrative Report 1.0	\boxtimes	
Administrative Report 1.1		\boxtimes
SPIF	\boxtimes	
Core Data Form	\boxtimes	
Public Involvement Plan Form		\boxtimes
Technical Report 1.0	\boxtimes	
Technical Report 1.1		\boxtimes
Worksheet 2.0		
Worksheet 2.1		
Worksheet 3.0		
Worksheet 3.1		
Worksheet 3.2		
Worksheet 3.3		
Worksheet 4.0		
Worksheet 5.0		
Worksheet 6.0		
Worksheet 7.0		

	1	14
Original USGS Map		\boxtimes
Affected Landowners Map		
Landowner Disk or Labels		
Buffer Zone Map	\boxtimes	
Flow Diagram	\boxtimes	
Site Drawing	\boxtimes	
Original Photographs		
Design Calculations		
Solids Management Plan		
Water Balance		\boxtimes

For TCEQ Use Only	
Segment Number	County
Expiration Date	Region
Permit Number	

N

 \mathbf{v}

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

For any questions about this form, please contact the Applications Review and Processing Team at 512-239-4671.

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 □

Payment Information:

Mailed	Check/Money Order Number: Click to enter text.
	Check/Money Order Amount: Click to enter text.
	Name Printed on Check: Click to enter text.
EPAY	Voucher Number: Click to enter text.
Copy of Pay	vment Voucher enclosed? Yes □

Section 2. Type of Application (Instructions Page 26)

- **a.** Check the box next to the appropriate authorization type.
 - □ Publicly-Owned Domestic Wastewater
 - Privately-Owned Domestic Wastewater
 - Conventional Wastewater Treatment
- **b.** Check the box next to the appropriate facility status.
 - \boxtimes Active \square Inactive

- **c.** Check the box next to the appropriate permit type.
 - \boxtimes TPDES Permit
 - □ TLAP
 - □ TPDES Permit with TLAP component
 - Subsurface Area Drip Dispersal System (SADDS)
- **d.** Check the box next to the appropriate application type
 - □ New
 - □ Major Amendment <u>with</u> Renewal □ Minor Amendment <u>with</u> Renewal
 - □ Major Amendment <u>without</u> Renewal
- □ Minor Amendment <u>without</u> Renewal
- \boxtimes Renewal without changes \square Minor Modification of permit
- e. For amendments or modifications, describe the proposed changes: Click to enter text.

f. For existing permits:

Permit Number: WQ00 <u>14376001</u> EPA I.D. (TPDES only): TX <u>0090603</u> Expiration Date: 04/27/2025

Section 3. Facility Owner (Applicant) and Co-Applicant Information (Instructions Page 26)

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

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

CSWR-Texas Utility Operating Company, 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 <u>http://www15.tceq.texas.gov/crpub/</u>

CN: <u>605844786</u>

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: <u>Mr.</u> Last Name, First Name: <u>Cox, Josiah</u>

Title: <u>President</u> Credential: Click to enter text.

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?

Click to enter text.

(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: <u>http://www15.tceq.texas.gov/crpub/</u>

CN: Click to enter text.

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: Click to enter text.Last Name, First Name: Click to enter text.Title: Click to enter text.Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: Click to enter text.

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. Click to enter text.

Section 4. Application Contact Information (Instructions Page 27)

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: Click to enter text.	Last Name, First	Name: <u>Sappington</u>	<u>, Amanda</u>
	Title: <u>EHS Compliance</u> Manager	Credential: Click	to enter text.	
	Organization Name: <u>CSWR</u> -Texas	6		
	Mailing Address: <u>1630 Des Peres F</u>	<u>Road, Ste. 140</u>	City, State, Zip Co	ode: <u>Des Peres, MO 63131</u>
	Phone No.: <u>314-464-3976</u>	E-mail Address	msappington@csw	rgroup.com
	Check one or both: \square Adr	ninistrative Conta	act 🛛	Technical Contact
B.	B. Prefix: Click to enter text. Last Name, First Name: <u>Woods-Schulz, Amberly</u>			
	Title: <u>Compliance Specialist</u>	Credential: Click	to enter text.	
	Organization Name: TRC Company	ies		
	Mailing Address: Click to enter t	ext. City, S	tate, Zip Code: Cli	ck to enter text.
	Phone No.: <u>573-214-1075</u>	E-mail Address	aschulz@trccompa	nies.com
	Check one or both: \Box Adr	ninistrative Conta	.ct 🖂	Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

Provide the names and contact information for two individuals that can be contacted throughout the permit term.

А.	Prefix: Click to enter text.	Last Name, First Name: <u>Sappington, Amanda</u>
	Title: EHS Compliance Manager	Credential: Click to enter text.
	Organization Name: <u>CSWR</u> -Texas	
	Mailing Address: <u>1630 Des Peres R</u>	oad City, State, Zip Code: <u>Des Peres, MO 63131</u>
	Phone No.: <u>314-464-3976</u>	E-mail Address: <u>msappington@cswrgroup.com</u>

B.	Prefix: Click to enter text.	Last Name, First	Name: <u>Stephens, Karl</u>
	Title: <u>Regional Manager</u>	Credential: Click	to enter text.
	Organization Name: CSWR-Texas		
	Mailing Address: <u>1630 Des Peres R</u>	<u>oad, Ste. 140</u>	City, State, Zip Code: Des Peres, MO 63131
	Phone No.: <u>314-380-8505</u>	E-mail Address:	karl@cswrgroup.com

Section 6. Billing Contact Information (Instructions Page 27)

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: Click to enter text.Last Name, First Name: Obernuefemann, KristaTitle: Accounts PayableCredential: Click to enter text.Organization Name: CSWRValueMailing Address: 1630 Des Peres Road, Ste. 140City, State, Zip Code: Des Peres, MO 63131Phone No.: 314-380-8515E-mail Address: ap@cswrgroup.com

Section 7. DMR/MER Contact Information (Instructions Page 27)

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

Prefix: Click to enter text.	Last Name, Firs	t Name: <u>Sappington, Amanda</u>
Title: <u>EHS Compliance Manager</u>	Credential: Clic	k to enter text.
Organization Name: CSWR-Texas		
Mailing Address: <u>1630 Des Peres R</u>	<u>.oad, Ste. 140</u>	City, State, Zip Code: <u>Des Peres, MO 63131</u>
Phone No.: <u>314-464-3976</u>	E-mail Address	S: <u>msappington@cswrgroup.com</u>

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Click to enter text. Last Name, First Name: Sappington, Amanda

Title: <u>EHS Compliance Manager</u> Credential: Click to enter text.

Organization Name: <u>CSWR-Texas</u>

Mailing Address: <u>1630 Des Peres Re</u>	<u>oad, Ste. 140</u>	City, State, Zip Code: Des Peres, MO 63131
Phone No.: <u>314-464-3976</u>	E-mail Address	msappington@cswrgroup.com

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

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

- ⊠ E-mail Address
- 🗆 Fax
- □ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Click to enter text. Last Name, First Name: Sappington, Amanda

Title: EHS Compliance Manager Credential: Click to enter text.

Organization Name: CSWR

Mailing Address: 1630 Des Peres Road, Ste. 140 City, State, Zip Code: Des Peres, MO 63131

Phone No.: 314-464-3976 E-mail Address: <u>msappington@cswrgroup.com</u>

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: Igo Library

Location within the building: Inquire at Front Desk

Physical Address of Building: 13330 Kyle Seale Parkway

City: <u>San Antonio</u>

County: <u>Bexar</u>

Contact (Last Name, First Name): <u>Haluwana, Gamini</u>

Phone No.: <u>210-207-9080</u> Ext.: Click to enter text.

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

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

🗆 Yes 🗆 No

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

F. Plain Language Summary Template

Complete the Plain Language Summary (TCEQ Form 20972) and include as an attachment. Attachment: Click to enter text.

G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

Attachment: not required

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** <u>103145603</u>

Search the TCEQ's Central Registry at <u>http://www15.tceq.texas.gov/crpub/</u> to determine if the site is currently regulated by TCEQ.

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

Bridgewood Wastewater Treatment Facility

- C. Owner of treatment facility: <u>CSWR-Texas Utility Operating Company, LLC</u> Ownership of Facility: □ Public ⊠ Private □ Both □ Federal
- **D.** Owner of land where treatment facility is or will be:
 - Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: <u>CSWR-Texas Utility Operating Company, LLC</u>

Mailing Address: 1630 Des Peres Road, Ste. 140 City, State, Zip Code: Des Peres, MO 63131

Phone No.: <u>314-736-4672</u> E-mail Address: <u>jcox@cswrgroup.com</u>

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: Click to enter text.

E. Owner of effluent disposal site:

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

Phone No.: Click to enter text. E-mail Address: Click to enter text.

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: Click to enter text.

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

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

Phone No.: Click to enter text. E-mail Address: Click to enter text.

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: Click to enter text.

Section 10. TPDES Discharge Information (Instructions Page 31)

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:

Click to enter text.

- **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:

Click to enter text.

City nearest the outfall(s): <u>San Antonio</u>

County in which the outfalls(s) is/are located: <u>Bexar</u>

- **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: Click to enter text.

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: <u>N/A</u>

Section 11. TLAP Disposal Information (Instructions Page 32)

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:

N/A

- B. City nearest the disposal site: Click to enter text.
- **C.** County in which the disposal site is located: Click to enter text.
- D. For TLAPs, describe the routing of effluent from the treatment facility to the disposal site:

Click to enter text.

E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: Click to enter text.

Section 12. Miscellaneous Information (Instructions Page 32)

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?
 - \Box Yes \boxtimes No \boxtimes 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.

Click to enter text.

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: Click to enter text.

D. Do you owe any fees to the TCEQ?

Yes 🛛 No

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

Account number: Click to enter text.

Amount past due: Click to enter text.

E. Do you owe any penalties to the TCEQ?

🗆 Yes 🛛 No

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

Enforcement order number: Click to enter text.

Amount past due: Click to enter text.

Section 13. Attachments (Instructions Page 33)

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: <u>8x12 reproduced topo map</u>

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: Click to enter text.

Applicant: Click to enter text.

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.

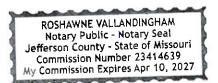
Signatory name (typed or printed): Click to enter text. Michael Duncard
Signatory title: Click to enter text. Vice Presiden +
Signature: 1-16-25
(Use blue ink)
Subscribed and Sworn to before me by the said Michael Duncan
My commission expires on the <u>10^{+h}</u> day of <u>April</u> , $20 27$.



Notary Public

[SEAL]

County. Texas MISSONEL



DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

- **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.** \Box 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: Click to enter text.
- **E.** As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?
 - 🗆 Yes 🗖 No

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

- **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: Click to enter text.
- **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):______

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

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 38)

- **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

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

This form applies to TPDES permit applications only. Complete and attach the Supplemental Permit information Form (SPIF) (TCEQ Form 20971).

Attachment: Click to enter text.

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	BY OVERNIGHT/EXPRESS MAIL
Texas Commission on Environmental Quality	Texas Commission on Environmental Quality
Financial Administration Division	Financial Administration Division
Cashier's Office, MC-214	Cashier's Office, MC-214
P.O. Box 13088	12100 Park 35 Circle
Austin, Texas 78711-3088	Austin, Texas 78753

Fee Code: WQP Waste Permit No: Click to enter text.

- 1. Check or Money Order Number: Click to enter text.
- 2. Check or Money Order Amount: Click to enter text.
- 3. Date of Check or Money Order: Click to enter text.
- 4. Name on Check or Money Order: Click to enter text.
- 5. APPLICATION INFORMATION

Name of Project or Site: Click to enter text.

Physical Address of Project or Site: Click to enter text.

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

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

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): Click to enter text.

Full legal name (Last Name, First Name, Middle Initial): Click to enter text.

Driver's License or State Identification Number: Click to enter text.

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text. Fax Number: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

For Commission Use Only: Customer Number: Regulated Entity Number:

Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION 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) (Required for all application types. Must be completed in its entirety and signed. Note: Form may be signed by applicant representative.)				Yes
Correct and Current Industrial Wastewater Permit Application Form (TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or late				Yes
Water Quality Permit Payment Submittal Form (Page 19) (Original payment sent to TCEQ Revenue Section. See instructions for	r ma	iling ad	⊠ Idress	Yes s.)
7.5 Minute USGS Quadrangle Topographic Map Attached (Full-size map if seeking "New" permit. 8 ½ x 11 acceptable for Renewals and Amendments)				Yes
Current/Non-Expired, Executed Lease Agreement or Easement		N/A		Yes
Landowners Map (See instructions for landowner requirements)		N/A		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 (See instructions for landowner requirements)		N/A		Yes
Landowners Labels or USB Drive attached (See instructions for landowner requirements)		N/A		Yes
Original signature per 30 TAC § 305.44 – Blue Ink Preferred (If signature page is not signed by an elected official or principle exec a copy of signature authority/delegation letter must be attached)	utive	officer	⊠	Yes
Plain Language Summary				Yes

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY: Application type:RenewalMajor AmendmentNinor AmendmentNew
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)

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at <u>WQ-ARPTeam@tceq.texas.gov</u> or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: CSWR-Texas Utility Operating Company, LLC

Permit No. WQ00 <u>14376001</u>

EPA ID No. TX 0090603

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

20940 Frontage Road, San Antonio, TX 78257 SW CORNER OF DOMINION SUBDIVISION, adjacent to Leon Creek, 3.5 M N OF IH10 AND LOOP 1604 INTERSECTION, San Antonio, Bexar County 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): <u>Amanda Sappington</u>	
First and Last Name:	
Credential (P.E, P.G., Ph.D., etc.):	
Title: <u>EHS Compliance Manager</u>	
Mailing Address: <u>1630 Des Peres Road, Ste. 140</u>	
City, State, Zip Code: <u>Des Peres, Mo 63131</u>	
Phone No.: <u>314</u> -464-3976 Ext.: Fax No.: Fax No.:	
E-mail Address: <u>msappington@cswrgroup.com</u>	

- 2. List the county in which the facility is located: <u>Bexar</u>
- 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.

Discharges directly to upper Leon Creek in Segment No. 1907 of the San Antonio River Basin

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

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

<u>none</u>

N/A

2. Describe existing disturbances, vegetation, and land use: None, existing WWTF

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

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

4. Provide a brief history of the property, and name of the architect/builder, if known. <u>N/A</u>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

For any questions about this form, please contact the Domestic Wastewater Permitting Team at 512-239-4671.

The following information is required for all renewal, new, and amendment applications.

Section 1. Permitted or Proposed Flows (Instructions Page 43)

A. Existing/Interim I Phase

Design Flow (MGD): <u>0.30 MGD</u> 2-Hr Peak Flow (MGD): <u>0.8</u> Estimated construction start date: <u>existing</u> Estimated waste disposal start date: <u>existing</u>

B. Interim II Phase

Design Flow (MGD): <u>0.45</u> 2-Hr Peak Flow (MGD): <u>Click to enter text.</u> Estimated construction start date: <u>04/01/2026</u> Estimated waste disposal start date:<u>12/31/2026</u>

C. Final Phase

Design Flow (MGD): <u>o.8</u> 2-Hr Peak Flow (MGD): <u>Click to enter text.</u> Estimated construction start date: <u>unknown</u> Estimated waste disposal start date: <u>unknown</u>

D. Current Operating Phase

Provide the startup date of the facility: Existing/Interim I Phase

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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, a description of** *each phase* **must be provided**.

The WWTP has two concrete Oxidation Ditches that utilize mechanical aeration with dual impeller aerators, two concrete clarifiers and a tertiary filter unit. Wastewater is disinfected with chlorine gas prior to discharge through a chlorine contact basin into a pump station where it is pumped to the Dominion Subdivision golf course ponds for reuse. The discharge can drain by gravity to a nearby creek, but typically 100% of discharge is reused under Authorization No. R14376-001A. The WWTP utilizes nine (9) concrete drying beds to prepare sludge for landfill disposal. The expansion will include replacing the aerators, rehabilitating the influent lift station, and expansion of the tertiary filter.

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.

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Bar Screen	1	
Oxidation Ditch	2	
Final Clarifier	2	
Effluent Filters	1	
Chlorine contact tank	1	
Sand Drying Beds (sludge)	3	

Table 1.0(1) - Treatment Units

C. Process Flow Diagram

Provide flow diagrams for the existing facilities and **each** proposed phase of construction. **Attachment**: <u>Attachment 6</u>

Section 3. Site Information and Drawing (Instructions Page 44)

Provide the TPDES discharge outfall latitude and longitude. Enter N/A if not applicable.

- Latitude: <u>29.636634</u>
- Longitude: <u>-98.613072</u>

Provide the TLAP disposal site latitude and longitude. Enter N/A if not applicable.

- Latitude: <u>N/A</u>
- Longitude: <u>N/A</u>

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: Attachment 4

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

This treatment system serves the Dominion Subdivision in Bexar County, San Antonio, Texas.

Collection System Information **for wastewater TPDES permits only**: Provide information for each **uniquely owned** collection system, existing and new, served by this facility, including satellite collection systems. **Please see the instructions for a detailed explanation and examples.**

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
Bridgewood Wastewater Treatment Facility	CSWR – Texas Utility Operating Company LLC	Privately Owned	
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 45)

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**.

It appears the plant needs to be expanded due to continued residential development growth and to help manage infiltration. The Interim II Phase expansion plans will also address the needed repair work that CSWR has identified since acquiring this facility. Needed repairs include: concrete damage on Oxidation Ditches, aging aerators, electrical system upgrades, and corrosion on the clarifiers. These repairs will ensure the integrity of the plant and lead to more consistent compliance with effluent limits established in the permit.

Section 5. Closure Plans (Instructions Page 45)

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 to enter text.

Section 6. Permit Specific Requirements (Instructions Page 45)

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: Phase II – May 11, 2017

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**.

Nothing has been submitted as no changes have occurred.

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.

Click to enter text	enter text.	to	Click
---------------------	-------------	----	-------

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*.

No actions have been taken because expansion is still in future.

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.

Click to enter text.

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 512-239-2335. 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.

Click to enter text.

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 512-239-2335.

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

Click to enter text.

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 Click to enter text. or TXRNE Click to enter text.

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:

Click to enter text.

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.

Click to enter text.

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.

Click to enter text.

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.

Click to enter text.

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, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. <u>Click to enter text.</u>

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

1. Acceptance of sludge from other WWTPs

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

🗆 Yes 🖾 No

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

In addition, provide the date the plant started 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.

Click to enter text.

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 the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD₃ 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.

Click to enter text.		· · · · · ·	

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 or will the facility 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.

Click to enter text.

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 50)

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). Provide copies of the laboratory results sheets. **These tables are not applicable for a minor amendment without renewal**. See the instructions for guidance.

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	<3	<3	1	Grab	07/18/202 4 12:36
Total Suspended Solids, mg/l	2	2	1	Grab	7/18/2024 14:40
Ammonia Nitrogen, mg/l	<0.1	<0.1	1	Grab	07/23/202 4 10:00
Nitrate Nitrogen, mg/l	25.4	25.4	1	Grab	08/06/202 4 10:40
Total Kjeldahl Nitrogen, mg/l	2	2	1	Grab	07/25/202 4 11:00
Sulfate, mg/l	88	88	1	Grab	08/02/202 4 12:49
Chloride, mg/l	413	413	1	Grab	07/26/202 4 13:23
Total Phosphorus, mg/l	1.99	1.99	1	Grab	07/24/202 4 05:20
pH, standard units	7.4	7.4	1	Grab	07/18/202 4 12:36
Dissolved Oxygen*, mg/l	6.69	6.69	1	Grab	07/18/202 4 12:30
Chlorine Residual, mg/l	1.89	1.89	1	Grab	07/18/202 4 13:00
<i>E.coli</i> (CFU/100ml) freshwater	0	0	1	Grab	07/18/202 4 14:20
Entercocci (CFU/100ml) saltwater	<1.0	<1.0	1	Grab	07/22/202 4 11:00
Total Dissolved Solids, mg/l	1080	1080	1	Grab	07/22/202 4 10:30
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l	<5	<5	1	Grab	07/24/202 4 10:45
Alkalinity (CaCO3)*, mg/l					

Table1.0(2)	- Pollutant	Analysis for	Wastewater	Treatment Facilities
-------------	-------------	--------------	------------	-----------------------------

*TPDES permits only

†TLAP permits only

Table1.0(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 50)

Facility Operator Name: <u>Taylor Wintersteen</u>

Facility Operator's License Classification and Level: Wastewater Operator A

Facility Operator's License Number: <u>WW0061591</u>

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 51)

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

- \Box Design flow>= 1 MGD
- \Box Serves >= 10,000 people
- □ Class I Sludge Management Facility (per 40 CFR § 503.9)
- □ Biosolids generator
- □ Biosolids end user land application (onsite)
- □ Biosolids end user surface disposal (onsite)
- Biosolids end user incinerator (onsite)

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- □ Aerobic Digestion
- Air Drying (or sludge drying beds)
- □ Lower Temperature Composting
- □ Lime Stabilization
- □ Higher Temperature Composting
- □ Heat Drying
- □ Thermophilic Aerobic Digestion
- Beta Ray Irradiation

- □ Gamma Ray Irradiation
- □ Pasteurization
- □ Preliminary Operation (e.g. grinding, de-gritting, blending)
- Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- □ Sludge Lagoon
- □ Temporary Storage (< 2 years)
- □ Long Term Storage (>= 2 years)
- □ Methane or Biogas Recovery
- □ Other Treatment Process: <u>Click to enter text.</u>

C. Biosolids Management

Provide information on the *intended* biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize all biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): <u>Click to enter text.</u>

D. Disposal site

Disposal site name: <u>Click to enter text.</u>

TCEQ permit or registration number: Click to enter text.

County where disposal site is located: Click to enter text.

E. Transportation method

Method of transportation (truck, train, pipe, other): Click to enter text.

Name of the hauler: Click to enter text.

Hauler registration number: <u>Click to enter text.</u>

Sludge is transported as a:

Liquid \Box semi-liquid \Box semi-solid \Box solid \Box

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 53)

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	\boxtimes	No
Marketing and Distribution of sludge	Yes	\boxtimes	No
Sludge Surface Disposal or Sludge Monofill	Yes	\boxtimes	No
Temporary storage in sludge lagoons	Yes	\boxtimes	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 53)

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: Click to enter text.

• USDA Natural Resources Conservation Service Soil Map:

Attachment: Click to enter text.

• Federal Emergency Management Map:

Attachment: Click to enter text.

• Site map:

Attachment: Click to enter text.

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
- \square Wetlands
- □ Located less than 60 meters from a fault
- \Box None of the above

Attachment: Click to enter text.

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:

Click to enter text.

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: Click to enter text.

Total Kjeldahl Nitrogen, mg/kg: <u>Click to enter text.</u>

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: Click to enter text.

Phosphorus, mg/kg: Click to enter text.

Potassium, mg/kg: Click to enter text.

pH, standard units: Click to enter text.

Ammonia Nitrogen mg/kg: Click to enter text.

Arsenic: Click to enter text.

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: <u>Click to enter text.</u>

Lead: Click to enter text.

Mercury: Click to enter text.

Molybdenum: Click to enter text.

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: <u>Click to enter text.</u>

Total PCBs: Click to enter text.

Provide the following information:

Volume and frequency of sludge to the lagoon(s): Click to enter text.

Total dry tons stored in the lagoons(s) per 365-day period: Click to enter text.

Total dry tons stored in the lagoons(s) over the life of the unit: Click to enter text.

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.

Click to enter text.

D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)
 Attachment: <u>Click to enter text.</u>
- Copy of the closure plan Attachment: <u>Click to enter text.</u>
- Copy of deed recordation for the site Attachment: <u>Click to enter text</u>.
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons Attachment: <u>Click to enter text.</u>
- Description of the method of controlling infiltration of groundwater and surface water from entering the site

Attachment: Click to enter text.

• Procedures to prevent the occurrence of nuisance conditions

Attachment: Click 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: Click to enter text.

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 55)

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:

CSWR-Texas has authorization for Type II reclaimed water from this facility under R14376-001A. The water is used as irrigation water for a restricted access golf course after being stored in off-channel storage ponds owned by the golf course.

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:

On August 14, 2024, CSWR-TX was issued Agreed Order 2023-1048-MWD-E, related to effluent violations in 2022 and 2023. Improved operation has returned to plant to compliance with those limits, a fine was paid and we understand this case to be fully resolved.

Section 13. RCRA/CERCLA Wastes (Instructions Page 55)

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 to enter text.

Section 14. Laboratory Accreditation (Instructions Page 56)

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:
 - o periodically inspected by the TCEQ; or
 - located in another state and is accredited or inspected by that state; or
 - o 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: Click to enter text. Michael Duncan

vice president Title: Click to enter_text.

Signature: Date: 1-16 -

On August 14, 2024, CSWR-TX was issued Agreed Order 2023-1048-MWD-E, related to effluent violations in 2022 and 2023. Improved operation has returned to plant to compliance with those limits, a fine was paid and we understand this case to be fully resolved.

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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 to enter text.

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: Click to enter text.

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 and collection systems that includes each permittee's name and permit number, and an area map showing the location of these facilities and collection systems.

Attachment: Click to enter text.

If yes, attach proof of mailing a request for service to each facility and collection system, the letters requesting service, and correspondence from each facility and collection system.

Attachment: Click to enter text.

If the facility or collection system agrees to provide service, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the facility or collection system versus the cost of the proposed facility or expansion.

Attachment: Click to enter text.

Section 2. Proposed Organic Loading (Instructions Page 59)

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): Click to enter text.

Average Influent Organic Strength or BOD₅ Concentration in mg/l: Click to enter text.

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34): <u>Click</u> to enter text.

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

Click to enter text.

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 BOD5 Concentration (mg/l)
Municipality		
Subdivision		
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		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources		
AVERAGE BOD ₃ from all sources		

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 59)

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: Click to enter text.

Total Suspended Solids, mg/l: Click to enter text.

Ammonia Nitrogen, mg/l: <u>Click to enter text.</u>

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: <u>Click to enter text.</u>

Other: Click to enter text.

B. Interim II Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: <u>Click to enter text.</u> Total Suspended Solids, mg/l: <u>Click to enter text.</u> Ammonia Nitrogen, mg/l: <u>Click to enter text.</u> Total Phosphorus, mg/l: <u>Click to enter text.</u> Dissolved Oxygen, mg/l: <u>Click to enter text.</u> Other: <u>Click to enter text.</u>

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: <u>Click to enter text.</u> Total Suspended Solids, mg/l: <u>Click to enter text.</u> Ammonia Nitrogen, mg/l: <u>Click to enter text.</u> Total Phosphorus, mg/l: <u>Click to enter text.</u> Dissolved Oxygen, mg/l: <u>Click to enter text.</u> Other: <u>Click to enter text.</u>

D. Disinfection Method

Identify the proposed method of disinfection.

 \Box Chlorine: <u>Click to enter text.</u> mg/l after <u>Click to enter text.</u> minutes detention time at peak flow

Dechlorination process: Click to enter text.

- □ Ultraviolet Light: <u>Click to enter text.</u> seconds contact time at peak flow
- □ Other: <u>Click to enter text.</u>

Section 4. Design Calculations (Instructions Page 59)

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

Attachment: Click to enter text.

Section 5. Facility Site (Instructions Page 60)

A. 100-year floodplain

Will the proposed facilities be located <u>above</u> 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.

Click to enter text.

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

Click to enter text.

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: <u>Click to enter text.</u>

If **no**, provide the approximate date you anticipate submitting your application to the Corps: <u>Click to enter text</u>.

B. Wind rose

Attach a wind rose: <u>Click to enter text.</u>

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 60)

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): <u>Click to enter text.</u>

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 the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056)**: <u>Click to enter text.</u>

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 61)

Attach a solids management plan to the application.

Attachment: Click to enter text.

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 WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 64)

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 **no**, proceed it Section 2. **If yes**, provide the following:

Owner of the drinking water supply: <u>Click to enter text.</u>

Distance and direction to the intake: Click to enter text.

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

Attachment: Click to enter text.

Section 2. Discharge into Tidally Affected Waters (Instructions Page 64)

Does the facility discharge into tidally affected waters?

🗆 Yes 🖾 No

If **no**, proceed to Section 3. **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: Click to enter text.

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).

Click to enter 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).

Click to enter text.

Section 3. Classified Segments (Instructions Page 64)

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 65)

Name of the immediate receiving waters: Click to enter text.

A. Receiving water type

Identify the appropriate description of the receiving waters.

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

Surface area, in acres: Click to enter text.

Average depth of the entire water body, in feet: Click to enter text.

Average depth of water body within a 500-foot radius of discharge point, in feet: <u>Click to enter text.</u>

- □ Man-made Channel or Ditch
- Open Bay
- Tidal Stream, Bayou, or Marsh
- □ Other, specify: <u>Click to enter text.</u>

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: <u>Click to enter text</u>.

C. Downstream perennial confluences

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

Click to enter text.

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.

Click to enter text.

E. Normal dry weather characteristics

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

Click to enter text.

Date and time of observation: Click to enter text.

Was the water body influenced by stormwater runoff during observations?

🗆 Yes 🗆 No

Section 5. General Characteristics of the Waterbody (Instructions Page 66)

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: <u>Click to enter text</u>.

B. Waterbody uses

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

- Livestock watering
- Irrigation withdrawal
- Fishing
- Domestic water supply

Park activities

- Industrial water supply

Contact recreation

Navigation

Non-contact recreation

Other(s), specify: Click to enter text.

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

Required for new applications, major facilities, and applications adding an outfall.

Worksheet 2.1 is not required for discharges to intermittent streams or discharges directly to (or within 300 feet of) a classified segment.

Section 1. General Information (Instructions Page 66)

Date of study: <u>Click to enter text.</u> Time of study: <u>Click to enter text.</u>

Stream name: <u>Click to enter text.</u>

Location: Click to enter text.

Type of stream upstream of existing discharge or downstream of proposed discharge (check one).

□ Perennial □ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 66)

Number of stream bends that are well defined: Click to enter text.

Number of stream bends that are moderately defined: <u>Click to enter text.</u>

Number of stream bends that are poorly defined: Click to enter text.

Number of riffles: Click to enter text.

Evidence of flow fluctuations (check one):

□ Minor □ moderate □ severe

Indicate the observed stream uses and if there is evidence of flow fluctuations or channel obstruction/modification.

Click to enter text.

Stream transects

In the table below, provide the following information for each transect downstream of the existing or proposed discharges. Use a separate row for each transect.

Stream type at transect	Transect location	Water surface	Stream depths (ft) at 4 to 10 points along each		
Select riffle, run, glide, or pool. See Instructions, Definitions section.		width (ft)	transect from the channel bed to the water surface. Separate the measurements with commas.		
Choose an item.					
Choose an item.					
Choose an item.					
Choose an item.					
Choose an item.					
Choose an item.					
Choose an item.					
Choose an item.					
Choose an item.					
Choose an item.					

 Table 2.1(1) - Stream Transect Records

Section 3. Summarize Measurements (Instructions Page 66)

Streambed slope of entire reach, from USGS map in feet/feet: <u>Click to enter text.</u>

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): <u>Click to enter text.</u>

Length of stream evaluated, in feet: Click to enter text.

Number of lateral transects made: Click to enter text.

Average stream width, in feet: Click to enter text.

Average stream depth, in feet: <u>Click to enter text.</u>

Average stream velocity, in feet/second: <u>Click to enter text.</u>

Instantaneous stream flow, in cubic feet/second: Click to enter text.

Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): <u>Click to enter text.</u>

Size of pools (large, small, moderate, none): <u>Click to enter text.</u>

Maximum pool depth, in feet: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

The following is required for renewal, new, and amendment permit applications.

Section 1. Type of Disposal System (Instructions Page 68)

Identify the method of land disposal:

Surface application

Irrigation

- Subsurface application
- Subsurface soils absorption
- Drip irrigation system
 Subsurface area drip dispersal system
- Evaporation
 Evaportanspiration beds
- □ Other (describe in detail): <u>Click to enter text.</u>

NOTE: All applicants without authorization or proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0.

For existing authorizations, provide Registration Number: Click to enter text.

Section 2. Land Application Site(s) (Instructions Page 68)

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

Table 3.0(1) - Land Application Site Crops

Crop Type & Land Use	7.J.:*	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
				Dr. 11 Auto
	ï			

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 68)

Table 3.0(2) - Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
				_

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: Click to enter text.

Section 4. Flood and Runoff Protection (Instructions Page 68)

Is the land application site within the 100-year frequency flood level?

🗆 Yes 🖾 No

If yes, describe how the site will be protected from inundation.

Click to enter text.

Provide the source used to determine the 100-year frequency flood level:

Click to enter text.

Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

Click to enter text.

Section 5. Annual Cropping Plan (Instructions Page 68)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. Attachment: <u>Click to enter text.</u>

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

Section 6. Well and Map Information (Instructions Page 69)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: <u>Click to enter text.</u>

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1-mile radius of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells located within a half-mile radius of the disposal site or property boundaries shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Table 3	3.0(3) -	Water	Well	Data
---------	----------	-------	------	------

Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
		Choose an item.	
	Well Use	U U	Y/N capped, or plugged? Choose an item. Choose an item. Choose an item. Choose an item. Choose an item. Choose an item.

If water quality data or well log information is available please include the information in an attachment listed by Well ID.

Attachment: Click to enter text.

Section 7. Groundwater Quality (Instructions Page 69)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

Attachment: Click to enter text.

Do you plan to install ground water monitoring wells or lysimeters around the land application site?

Yes
No

If yes, provide the proposed location of the monitoring wells or lysimeters on a site map.

Attachment: Click to enter text.

Section 8. Soil Map and Soil Analyses (Instructions Page 70)

A. Soil map

Attach a USDA Soil Survey map that shows the area to be used for effluent disposal.

Attachment: Click to enter text.

B. Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note:** for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

Attachment: Click to enter text.

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

Table 3.0(4) - Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number
			· · · · · · · · · · · · · · · · · · ·	

Section 9. Effluent Monitoring Data (Instructions Page 71)

Is the facility in operation?

🗆 Yes 🗆 No

If no, this section is not applicable and the worksheet is complete.

If yes, provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A.

Table 3.0(5) – Effluent Monitoring Data

Date	30 Day Av Flow MGD	g BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
	1 20 2		12		5.5.85	
						<u>a natificanak</u>
		_				
	d a c					
			-			
						A
				_		

Provide a discussion of all persistent excursions above the permitted limits and any corrective actions taken.

Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.1: SURFACE LAND DISPOSAL OF EFFLUENT

The following is required for new and major amendment permit applications. Renewal and minor amendment permit applications may be asked for this worksheet on a case by case basis.

Section 1. Surface Disposal (Instructions Page 72)

Complete the item that applies for the method of disposal being used.

A. Irrigation

Area under irrigation, in acres: Click to enter text.

Design application frequency:

hours/day Click to enter text, And days/week Click to enter text,

Land grade (slope):

average percent (%): Click to enter text.

maximum percent (%): Click to enter text.

Design application rate in acre-feet/acre/year: Click to enter text.

Design total nitrogen loading rate, in lbs N/acre/year: Click to enter text.

Soil conductivity (mmhos/cm): Click to enter text.

Method of application: Click to enter text.

Attach a separate engineering report with the water balance and storage volume calculations, method of application, irrigation efficiency, and nitrogen balance.

Attachment: Click to enter text.

B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: Click to enter text.

Attach a separate engineering report with the water balance and storage volume calculations.

Attachment: Click to enter text.

C. Evapotranspiration beds

Number of beds: <u>Click to enter text.</u>

Area of bed(s), in acres: <u>Click to enter text.</u>

Depth of bed(s), in feet: <u>Click to enter text.</u>

Void ratio of soil in the beds: <u>Click to enter text.</u>

Storage volume within the beds, in acre-feet: Click to enter text.

Attach a separate engineering report with the water balance and storage volume calculations, and a description of the lining.

Attachment: Click to enter text.

D. Overland flow

Area used for application, in acres: <u>Click to enter text.</u> Slopes for application area, percent (%): <u>Click to enter text.</u> Design application rate, in gpm/foot of slope width: <u>Click to enter text.</u> Slope length, in feet: <u>Click to enter text.</u>

Design BOD₅ loading rate, in lbs BOD₅/acre/day: <u>Click to enter text.</u>

Design application frequency:

hours/day: Click to enter text. And days/week: Click to enter text.

Attach a separate engineering report with the method of application and design requirements according to *30 TAC Chapter 217*.

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 73)

Is the facility subject to 30 TAC Chapter 213, Edwards Aquifer Rules?

🗆 Yes 🗆 No

If yes, is the facility located on the Edwards Aquifer Recharge Zone?

🗆 Yes 🗆 No

If yes, attach a geological report addressing potential recharge features.

Attachment: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.2: SURFACE LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **does not meet** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System.*

Section 1. Subsurface Application (Instructions Page 74)

Identify the type of system:

- Conventional Gravity Drainfield, Beds, or Trenches (new systems must be less than 5,000 GPD)
- □ Low Pressure Dosing
- □ Other, specify: <u>Click to enter text.</u>

Application area, in acres: <u>Click to enter text.</u>

Area of drainfield, in square feet: <u>Click to enter text.</u>

Application rate, in gal/square foot/day: <u>Click to enter text.</u>

Depth to groundwater, in feet: <u>Click to enter text.</u>

Area of trench, in square feet: <u>Click to enter text.</u>

Dosing duration per area, in hours: Click to enter text.

Number of beds: <u>Click to enter text.</u>

Dosing amount per area, in inches/day: Click to enter text.

Infiltration rate, in inches/hour: Click to enter text.

Storage volume, in gallons: <u>Click to enter text.</u>

Area of bed(s), in square feet: <u>Click to enter text.</u>

Soil Classification: Click to enter text.

Attach a separate engineering report with the information required in 30 TAC § 309.20, excluding the requirements of § 309.20 b(3)(A) and (B) design analysis which may be asked for on a case by case basis. Include a description of the schedule of dosing basin rotation.

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 74)

Is the subsurface system over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

🗆 Yes 🗆 No

Is the subsurface system over the Edwards Aquifer Transition Zone as mapped by TCEQ?

🗆 Yes 🗖 No

If yes to either question, the subsurface system may be prohibited by *30 TAC §213.8*. Please call the Municipal Permits Team, at 512-239-4671, to schedule a pre-application meeting.

TCEQ-10054 (04/02/2024) Domestic Wastewater Permit Application Technical Report

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.3: SUBSURFACE AREA DRIP DISPERSAL (SADDS) LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** subsurface area drip dispersal system permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **meets** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System.*

Section 1. Administrative Information (Instructions Page 75)

- A. Provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the treatment facility:
- **B.** <u>Click to enter text</u>. Is the owner of the land where the treatment facility is located the same as the owner of the treatment facility?
 - 🗆 Yes 🗆 No

If **no**, provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the land where the treatment facility is located.

Click to enter text.

- C. Owner of the subsurface area drip dispersal system: Click to enter text.
- **D.** Is the owner of the subsurface area drip dispersal system the same as the owner of the wastewater treatment facility or the site where the wastewater treatment facility is located?
 - 🗆 Yes 🗆 No

If **no**, identify the names of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in Item 1.C.

Click to enter text.

- E. Owner of the land where the subsurface area drip dispersal system is located: <u>Click to</u> <u>enter text.</u>
- **F.** Is the owner of the land where the subsurface area drip dispersal system is located the same as owner of the wastewater treatment facility, the site where the wastewater treatment facility is located, or the owner of the subsurface area drip dispersal system?

□ Yes □ No

If **no**, identify the name of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in item 1.E.

Section 2. Subsurface Area Drip Dispersal System (Instructions Page 75)

A. Type of system

- □ Subsurface Drip Irrigation
- □ Surface Drip Irrigation
- □ Other, specify: <u>Click to enter text</u>.

B. Irrigation operations

Application area, in acres: <u>Click to enter text.</u>

Infiltration Rate, in inches/hour: Click to enter text.

Average slope of the application area, percent (%): Click to enter text.

Maximum slope of the application area, percent (%): <u>Click to enter text.</u>

Storage volume, in gallons: Click to enter text.

Major soil series: Click to enter text.

Depth to groundwater, in feet: Click to enter text.

C. Application rate

Is the facility located **west** of the boundary shown in *30 TAC § 222.83* **and** also using a vegetative cover of non-native grasses over seeded with cool season grasses during the winter months (October-March)?

🗆 Yes 🗖 No

If yes, then the facility may propose a hydraulic application rate not to exceed 0.1 gal/square foot/day.

Is the facility located **east** of the boundary shown in *30 TAC § 222.83* or in any part of the state when the vegetative cover is any crop other than non-native grasses?

🗆 Yes 🗆 No

If **yes**, the facility must use the formula in *30 TAC §222.83* to calculate the maximum hydraulic application rate.

Do you plan to submit an alternative method to calculate the hydraulic application rate for approval by the executive director?

🗆 Yes 🗆 No

Hydraulic application rate, in gal/square foot/day: Click to enter text.

Nitrogen application rate, in lbs/gal/day: Click to enter text.

D. Dosing information

Number of doses per day: Click to enter text.

Dosing duration per area, in hours: Click to enter text.

Rest period between doses, in hours: Click to enter text.

Dosing amount per area, in inches/day: Click to enter text.

Number of zones: Click to enter text.

Does the proposed subsurface drip irrigation system use tree vegetative cover as a crop?

🗆 Yes 🗆 No

If **yes**, provide a vegetation survey by a certified arborist. Please call the Water Quality Assessment Team at (512) 239-4671 to schedule a pre-application meeting.

Attachment: Click to enter text.

Section 3. Required Plans (Instructions Page 75)

A. Recharge feature plan

Attach a Recharge Feature Plan with all information required in 30 TAC §222.79.

Attachment: Click to enter text.

B. Soil evaluation

Attach a Soil Evaluation with all information required in 30 TAC §222.73.

Attachment: Click to enter text.

C. Site preparation plan

Attach a Site Preparation Plan with all information required in 30 TAC §222.75.

Attachment: Click to enter text.

D. Soil sampling/testing

Attach soil sampling and testing that includes all information required in *30 TAC §222.157*.

Attachment: Click to enter text.

Section 4. Floodway Designation (Instructions Page 76)

A. Site location

Is the existing/proposed land application site within a designated floodway?

🗆 Yes 🗆 No

B. Flood map

Attach either the FEMA flood map or alternate information used to determine the floodway.

Attachment: Click to enter text.

Section 5. Surface Waters in the State (Instructions Page 76)

A. Buffer Map

Attach a map showing appropriate buffers on surface waters in the state, water wells, and springs/seeps.

Attachment: Click to enter text.

B. Buffer variance request

Do you plan to request a buffer variance from water wells or waters in the state?

🗆 Yes 🗆 No

If yes, then attach the additional information required in 30 TAC § 222.81(c).

Attachment: Click to enter text.

Section 6. Edwards Aquifer (Instructions Page 76)

A. Is the SADDS located over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

🗆 Yes 🗆 No

B. Is the SADDS located over the Edwards Aquifer Transition Zone as mapped by TCEQ?

🗆 Yes 🗆 No

If yes to either question, then the SADDS may be prohibited by *30 TAC §213.8*. Please call the Municipal Permits Team at 512-239-4671 to schedule a pre-application meeting.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

The following **is required** for facilities with a permitted or proposed flow of **1.0 MGD or greater**, facilities with an approved **pretreatment** program, or facilities classified as a **major** facility. See instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 78)

For pollutants identified in Table 4.0(1), indicate the type of sample.

Grab \Box Composite \Box

Date and time sample(s) collected: Click to enter text.

Table 4.0(1) – Toxics Analy

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile				50
Aldrin				0.01
Aluminum				2.5
Anthracene				10
Antimony				5
Arsenic				0.5
Barium				3
Benzene				10
Benzidine				50
Benzo(a)anthracene				5
Benzo(a)pyrene				5
Bis(2-chloroethyl)ether				10
Bis(2-ethylhexyl)phthalate				10
Bromodichloromethane				10
Bromoform				10
Cadmium				1
Carbon Tetrachloride				2
Carbaryl				5
Chlordane*				0.2
Chlorobenzene				10
Chlorodibromomethane				10

Pollutant	AVG Effluent Conc. (μg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Chloroform				10
Chlorpyrifos				0.05
Chromium (Total)			×	3
Chromium (Tri) (*1)				N/A
Chromium (Hex)				3
Copper		-		2
Chrysene				5
p-Chloro-m-Cresol				10
4,6-Dinitro-o-Cresol				50
p-Cresol				10
Cyanide (*2)				10
4,4'- DDD				0.1
4,4'- DDE				0.1
4,4'- DDT				0.02
2,4-D				0.7
Demeton (O and S)				0.20
Diazinon				0.5/0.1
1,2-Dibromoethane				10
m-Dichlorobenzene				10
o-Dichlorobenzene				10
p-Dichlorobenzene				10
3,3'-Dichlorobenzidine				5
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
Dichloromethane				20
1,2-Dichloropropane				10
1,3-Dichloropropene				10
Dicofol				1
Dieldrin				0.02
2,4-Dimethylphenol				10
Di-n-Butyl Phthalate				10
Diuron				0.09
Endosulfan I (alpha)				0.01

Pollutant	AVG Effluent Conc. (μg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan II (beta)				0.02
Endosulfan Sulfate				0.1
Endrin				0.02
Ethylbenzene				10
Fluoride				500
Guthion				0.1
Heptachlor				0.01
Heptachlor Epoxide				0.01
Hexachlorobenzene	-			5
Hexachlorobutadiene				10
Hexachlorocyclohexane (alpha)				0.05
Hexachlorocyclohexane (beta)				0.05
gamma-Hexachlorocyclohexane				0.05
(Lindane)				
Hexachlorocyclopentadiene				10
Hexachloroethane				20
Hexachlorophene				10
Lead				0.5
Malathion				0.1
Mercury				0.005
Methoxychlor				2
Methyl Ethyl Ketone				50
Mirex				0.02
Nickel				2
Nitrate-Nitrogen				100
Nitrobenzene				10
N-Nitrosodiethylamine				20
N-Nitroso-di-n-Butylamine		· · · · ·		20
Nonylphenol				333
Parathion (ethyl)				0.1
Pentachlorobenzene				20
Pentachlorophenol				5
Phenanthrene				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Polychlorinated Biphenyls (PCB's) (*3)				0.2
Pyridine				20
Selenium				5
Silver				0.5
1,2,4,5-Tetrachlorobenzene				20
1,1,2,2-Tetrachloroethane			-	10
Tetrachloroethylene				10
Thallium				0.5
Toluene				10
Toxaphene	-			0.3
2,4,5-TP (Silvex)				0.3
Tributyltin (see instructions for explanation)				0.01
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
2,4,5-Trichlorophenol	<u> </u>			50
TTHM (Total Trihalomethanes)	1			10
Vinyl Chloride				10
Zinc				5

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable.

(*3) The sum of seven PCB congeners 1242, 1254, 1221, 1232, 1248, 1260, and 1016.

Section 2. Priority Pollutants

For pollutants identified in Tables 4.0(2)A-E, indicate type of sample.

Grab □ Composite □

Date and time sample(s) collected: Click to enter text.

Table 4.0(2)A – Metals, Cyanide, and Phenols

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Antimony				5
Arsenic				0.5
Beryllium				0.5
Cadmium				1
Chromium (Total)				3
Chromium (Hex)				3
Chromium (Tri) (*1)				N/A
Copper				2
Lead				0.5
Mercury				0.005
Nickel				2
Selenium				5
Silver				0.5
Thallium				0.5
Zinc			<u>+</u>	5
Cyanide (*2)	· · · · · · · · · · · · · · · · · · ·	<u> </u>		10
Phenols, Total				10

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrolein			· · · · · · · · · · · · · · · · · · ·	50
Acrylonitrile				50
Benzene				10
Bromoform			<u>.</u>	10
Carbon Tetrachloride				2
Chlorobenzene	-			10
Chlorodibromomethane			i	10
Chloroethane				50
2-Chloroethylvinyl Ether				10
Chloroform				10
Dichlorobromomethane [Bromodichloromethane]				10
1,1-Dichloroethane				10
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
1,2-Dichloropropane				10
1,3-Dichloropropylene				10
[1,3-Dichloropropene]				
1,2-Trans-Dichloroethylene				10
Ethylbenzene		<u> </u>		10
Methyl Bromide				50
Methyl Chloride				50
Methylene Chloride				20
1,1,2,2-Tetrachloroethane				10
Tetrachloroethylene				10
Toluene				10
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane			. <u></u>	10
Trichloroethylene				10
Vinyl Chloride				10

Table 4.0(2)B – Volatile Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
2-Chlorophenol				10
2,4-Dichlorophenol				10
2,4-Dimethylphenol				10
4,6-Dinitro-o-Cresol				50
2,4-Dinitrophenol				50
2-Nitrophenol				20
4-Nitrophenol				50
P-Chloro-m-Cresol				10
Pentalchlorophenol				5
Phenol				10
2,4,6-Trichlorophenol				10

Table 4.0(2)C – Acid Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acenaphthene				10
Acenaphthylene				10
Anthracene				10
Benzidine				50
Benzo(a)Anthracene				5
Benzo(a)Pyrene				5
3,4-Benzofluoranthene				10
Benzo(ghi)Perylene				20
Benzo(k)Fluoranthene				5
Bis(2-Chloroethoxy)Methane				10
Bis(2-Chloroethyl)Ether				10
Bis(2-Chloroisopropyl)Ether				10
Bis(2-Ethylhexyl)Phthalate				10
4-Bromophenyl Phenyl Ether				10
Butyl benzyl Phthalate				10
2-Chloronaphthalene				10
4-Chlorophenyl phenyl ether				10
Chrysene				5
Dibenzo(a,h)Anthracene				5
1,2-(o)Dichlorobenzene				10
1,3-(m)Dichlorobenzene				10
1,4-(p)Dichlorobenzene				10
3,3-Dichlorobenzidine			,	5
Diethyl Phthalate				10
Dimethyl Phthalate				10
Di-n-Butyl Phthalate				10
2,4-Dinitrotoluene				10
2,6-Dinitrotoluene				10
Di-n-Octyl Phthalate				10
1,2-Diphenylhydrazine (as Azo- benzene)				20
Fluoranthene				10

Table 4.0(2)D – Base/Neutral Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Fluorene				10
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclo-pentadiene				10
Hexachloroethane				20
Indeno(1,2,3-cd)pyrene				5
Isophorone				10
Naphthalene	[10
Nitrobenzene				10
N-Nitrosodimethylamine				50
N-Nitrosodi-n-Propylamine				20
N-Nitrosodiphenylamine				20
Phenanthrene	-			10
Pyrene				10
1,2,4-Trichlorobenzene				10

Table 4.0(2)E - Pesticides

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Aldrin				0.01
alpha-BHC (Hexachlorocyclohexane)				0.05
beta-BHC (Hexachlorocyclohexane)				0.05
gamma-BHC (Hexachlorocyclohexane)				0.05
delta-BHC (Hexachlorocyclohexane)				0.05
Chlordane				0.2
4,4-DDT				0.02
4,4-DDE				0.1
4,4,-DDD			·	0.1
Dieldrin				0.02
Endosulfan I (alpha)				0.01
Endosulfan II (beta)				0.02
Endosulfan Sulfate				0.1
Endrin				0.02
Endrin Aldehyde				0.1
Heptachlor			<u> </u>	0.01
Heptachlor Epoxide				0.01
PCB-1242				0.2
PCB-1254				0.2
PCB-1221				0.2
PCB-1232				0.2
PCB-1248		· · · · · · · · · · · · · · · · · · ·		0.2
PCB-1260				0.2
PCB-1016				0.2
Toxaphene				0.3

* For PCBS, if all are non-detects, enter the highest non-detect preceded by a "<".

Section 3. Dioxin/Furan Compounds

- **A.** Indicate which of the following compounds from may be present in the influent from a contributing industrial user or significant industrial user. Check all that apply.
 - □ 2,4,5-trichlorophenoxy acetic acid

Common Name 2,4,5-T, CASRN 93-76-5

- 2-(2,4,5-trichlorophenoxy) propanoic acid
 Common Name Silvex or 2,4,5-TP, CASRN 93-72-1
- 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate
 Common Name Erbon, CASRN 136-25-4
- 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate
 Common Name Ronnel, CASRN 299-84-3
- □ 2,4,5-trichlorophenol

Common Name TCP, CASRN 95-95-4

□ hexachlorophene

Common Name HCP, CASRN 70-30-4

For each compound identified, provide a brief description of the conditions of its/their presence at the facility.

Click to enter text.

- **B.** Do you know or have any reason to believe that 2,3,7,8 Tetrachlorodibenzo-P-Dioxin (TCDD) or any congeners of TCDD may be present in your effluent?
 - 🗆 Yes 🗆 No

If yes, provide a brief description of the conditions for its presence.

C. If any of the compounds in Subsection A **or** B are present, complete Table 4.0(2)F. For pollutants identified in Table 4.0(2)F, indicate the type of sample.

Grab □ Composite □

Date and time sample(s) collected: Click to enter text.

Table 4.0(2)F – Dioxin/Furan Compounds

Compound	Toxic Equivalenc y Factors	Wastewater Concentration (ppq)	Wastewater Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Equivalents (ppt)	MAL (ppq)
2,3,7,8 TCDD	1					10
1,2,3,7,8 PeCDD	0.5					50
2,3,7,8 HxCDDs	0.1					50
1,2,3,4,6,7,8 HpCDD	0.01					50
2,3,7,8 TCDF	0.1					10
1,2,3,7,8 PeCDF	0.05					50
2,3,4,7,8 PeCDF	0.5					50
2,3,7,8 HxCDFs	0.1					50
2,3,4,7,8 HpCDFs	0.01					50
OCDD	0.0003					100
OCDF	0.0003					100
PCB 77	0.0001					0.5
PCB 81	0.0003		-			0.5
PCB 126	0.1					0.5
PCB 169	0.03					0.5
Total						

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

The following **is required** for facilities with a current operating design flow of **1.0 MGD or greater**, with an EPA-approved **pretreatment** program (or those required to have one under 40 CFR Part 403), or are required to perform Whole Effluent Toxicity testing. See instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests (Instructions Page 88)

Indicate the number of 7-day chronic or 48-hour acute Whole Effluent Toxicity (WET) tests performed in the four and one-half years prior to submission of the application.

7-day Chronic: Click to enter text.

48-hour Acute: Click to enter text.

Section 2. Toxicity Reduction Evaluations (TREs)

Has this facility completed a TRE in the past four and a half years? Or is the facility currently performing a TRE?

🗆 Yes 🗆 No

If yes, describe the progress to date, if applicable, in identifying and confirming the toxicant.

Section 3. Summary of WET Tests

If the required biomonitoring test information has not been previously submitted via both the Discharge Monitoring Reports (DMRs) and the Table 1 (as found in the permit), provide a summary of the testing results for all valid and invalid tests performed over the past four and one-half years. Make additional copies of this table as needed.

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal
			1.0.01

Table 5.0(1) Summary of WET Tests

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

Section 1. All POTWs (Instructions Page 89)

A. Industrial users (IUs)

Provide the number of each of the following types of industrial users (IUs) that discharge to your POTW and the daily flows from each user. See the Instructions for definitions of Categorical IUs, Significant IUs – non-categorical, and Other IUs.

If there are no users, enter 0 (zero).

Categorical IUs:

Number of IUs: Click to enter text.

Average Daily Flows, in MGD: Click to enter text.

Significant IUs - non-categorical:

Number of IUs: Click to enter text.

Average Daily Flows, in MGD: <u>Click to enter text.</u>

Other IUs:

Number of IUs: Click to enter text.

Average Daily Flows, in MGD: <u>Click to enter text.</u>

B. Treatment plant interference

In the past three years, has your POTW experienced treatment plant interference (see instructions)?

🗆 Yes 🗆 No

If yes, identify the dates, duration, description of interference, and probable cause(s) and possible source(s) of each interference event. Include the names of the IUs that may have caused the interference.

C. Treatment plant pass through

In the past three years, has your POTW experienced pass through (see instructions)?

🗆 Yes 🗆 No

If yes, identify the dates, duration, a description of the pollutants passing through the treatment plant, and probable cause(s) and possible source(s) of each pass through event. Include the names of the IUs that may have caused pass through.

Click to enter text.		

D. Pretreatment program

Does your POTW have an approved pretreatment program?

🗆 Yes 🗆 No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

🗆 Yes 🗆 No

If yes, complete Section 2.c. and 2.d. only, and skip Section 3.

If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user.

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90)

A. Substantial modifications

Have there been any **substantial modifications** to the approved pretreatment program that have not been submitted to the TCEQ for approval according to *40 CFR §403.18*?

🗆 Yes 🗆 No

If yes, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.

B. Non-substantial modifications

Have there been any **non-substantial modifications** to the approved pretreatment program that have not been submitted to TCEQ for review and acceptance?

🗆 Yes 🗆 No

If yes, identify all non-substantial modifications that have not been submitted to TCEQ, including the purpose of the modification.

Click to enter text.			
1			

C. Effluent parameters above the MAL

In Table 6.0(1), list all parameters measured above the MAL in the POTW's effluent monitoring during the last three years. Submit an attachment if necessary.

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

Has any SIU, CIU, or other IU caused or contributed to any problems (excluding interferences or pass throughs) at your POTW in the past three years?

🗆 Yes 🗆 No

If yes, identify the industry, describe each episode, including dates, duration, description of the problems, and probable pollutants.

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 90)

A. General information

Company Name: <u>Click to enter text</u>,

SIC Code: <u>Click to enter text</u>.

Contact name: Click to enter text.

Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Telephone number: Click to enter text.

Email address: Click to enter text.

B. Process information

Describe the industrial processes or other activities that affect or contribute to the SIU(s) or CIU(s) discharge (i.e., process and non-process wastewater).

Click to enter text.

C. Product and service information

Provide a description of the principal product(s) or services performed.

Click to enter text.		

D. Flow rate information

See the Instructions for definitions of "process" and "non-process wastewater."

Process Wastewater:

Discharge, in gallons/day: <u>Click to enter text.</u>

Discharge Type: 🗆 Continuous 🗆 Batch 🗖 Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: <u>Click to enter text.</u>

Discharge Type:
Continuous
Batch
Intermittent

E. Pretreatment standards

Is the SIU or CIU subject to technically based local limits as defined in the instructions?

🗆 Yes 🖾 No

Is the SIU or CIU subject to categorical pretreatment standards found in 40 CFR Parts 405-471?

🗆 Yes 🗆 No

If subject to categorical pretreatment standards, indicate the applicable category and subcategory for each categorical process.

Category: Subcategories: Click to enter text.

Click or tap here to enter text. Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

F. Industrial user interruptions

Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years?

🗆 Yes 🗆 No

If yes, identify the SIU, describe each episode, including dates, duration, description of problems, and probable pollutants.

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

TCEQ IUC Permits Team Radioactive Materials Division MC-233 PO Box 13087 Austin, Texas 78711-3087 512-239-6466

For TCEQ Use Only
Reg. No
Date Received
Date Authorized

Section 1. General Information (Instructions Page 92)

1. TCEQ Program Area

Program Area (PST, VCP, IHW, etc.): Click to enter text.

Program ID: Click to enter text.

Contact Name: Click to enter text.

Phone Number: Click to enter text.

2. Agent/Consultant Contact Information

Contact Name: <u>Click to enter text.</u> Address: <u>Click to enter text.</u> City, State, and Zip Code: <u>Click to enter text.</u> Phone Number: <u>Click to enter text.</u>

3. Owner/Operator Contact Information

□ Owner □ Operator Owner/Operator Name: <u>Click to enter text.</u> Contact Name: <u>Click to enter text.</u> Address: <u>Click to enter text.</u> City, State, and Zip Code: <u>Click to enter text.</u> Phone Number: Click to enter text.

Facility Contact Information
Facility Name: <u>Click to enter text.</u>
Address: <u>Click to enter text.</u>
City, State, and Zip Code: <u>Click to enter text.</u>
Location description (if no address is available): <u>Click to enter text.</u>
Facility Contact Person: <u>Click to enter text.</u>
Phone Number: <u>Click to enter text.</u>

5. Latitude and Longitude, in degrees-minutes-seconds

Latitude: <u>Click to enter text.</u> Longitude: <u>Click to enter text.</u> Method of determination (GPS, TOPO, etc.): <u>Click to enter text.</u> Attach topographic quadrangle map as attachment A.

6. Well Information

Type of Well Construction, select one:

- Vertical Injection
- □ Subsurface Fluid Distribution System
- Infiltration Gallery
- Temporary Injection Points
- □ Other, Specify: <u>Click to enter text.</u>

Number of Injection Wells: <u>Click to enter text.</u>

7. Purpose

Detailed Description regarding purpose of Injection System:

Click to enter text.

Attach a Site Map as Attachment B (Attach the Approved Remediation Plan, if appropriate.)

8. Water Well Driller/Installer

Water Well Driller/Installer Name: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text.

License Number: <u>Click to enter text.</u>

Section 2. Proposed Down Hole Design

Attach a diagram signed and sealed by a licensed engineer as Attachment C.

Table 7.0(1) - Down Hole Design Table

Name of String	Size	Setting Depth	Sacks Cement/Grout - Slurry Volume - Top of Cement	Hole Size	Weight (lbs/ft) PVC/Steel
Casing					
Tubing					
Screen					

Section 3. Proposed Trench System, Subsurface Fluid Distribution System, or Infiltration Gallery

Attach a diagram signed and sealed by a licensed engineer as Attachment D.

System(s) Dimensions: <u>Click to enter text.</u>

System(s) Construction: Click to enter text.

Section 4. Site Hydrogeological and Injection Zone Data

- 1. Name of Contaminated Aquifer: <u>Click to enter text.</u>
- 2. Receiving Formation Name of Injection Zone: <u>Click to enter text.</u>
- 3. Well/Trench Total Depth: <u>Click to enter text.</u>
- 4. Surface Elevation: <u>Click to enter text.</u>
- 5. Depth to Ground Water: <u>Click to enter text.</u>
- 6. Injection Zone Depth: <u>Click to enter text.</u>

Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:

Name: <u>Click to enter text.</u>

Thickness: Click to enter text.

- 8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer Attach as Attachment E.
- **9.** Horizontal and Vertical extent of contamination and injection plume Attach as Attachment F.
- **10.** Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc. Attach as Attachment G.
- **11.** Injection Fluid Chemistry in PPM at point of injection Attach as Attachment H.
- 12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: <u>Click to enter text.</u>
- 13. Maximum injection Rate/Volume/Pressure: Click to enter text.
- 14. Water wells within 1/4 mile radius (attach map as Attachment I): Click to enter text.
- **15.** Injection wells within 1/4 mile radius (attach map as Attachment J): <u>Click to enter</u> <u>text.</u>
- **16.** Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): <u>Click to enter text.</u>
- 17. Sampling frequency: <u>Click to enter text.</u>
- 18. Known hazardous components in injection fluid: Click to enter text.

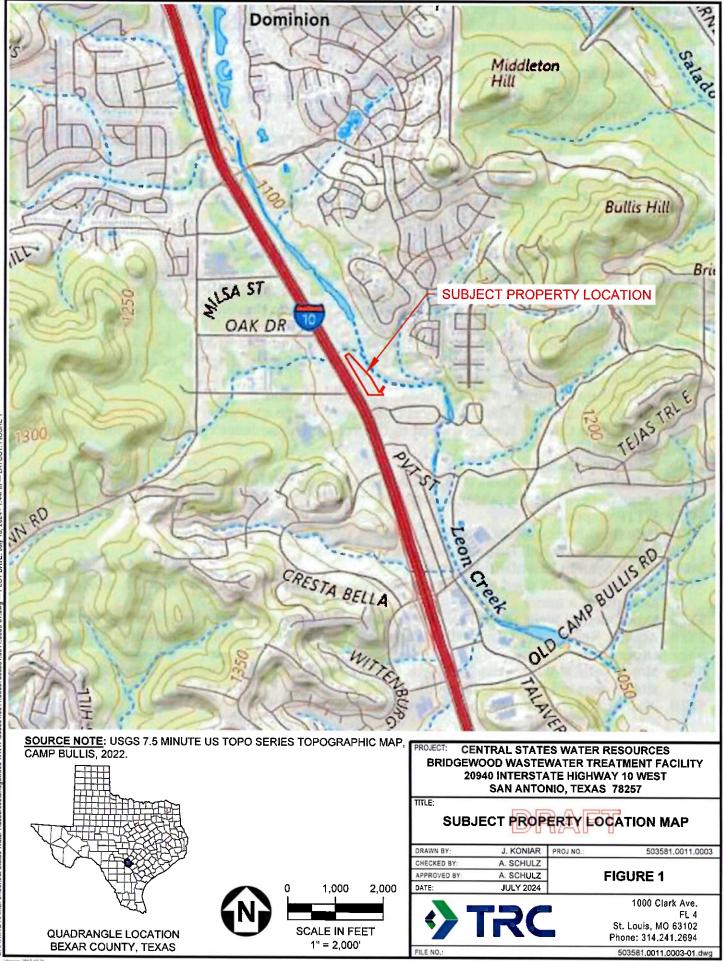
Section 5. Site History

- 1. Type of Facility: <u>Click to enter text.</u>
- 2. Contamination Dates: Click to enter text.
- **3.** Original Contamination (VOCs, TPH, BTEX, etc.) and Concentrations (attach as Attachment L): <u>Click to enter text.</u>
- 4. Previous Remediation (attach results of any previous remediation as attachment M): <u>Click to enter text.</u>

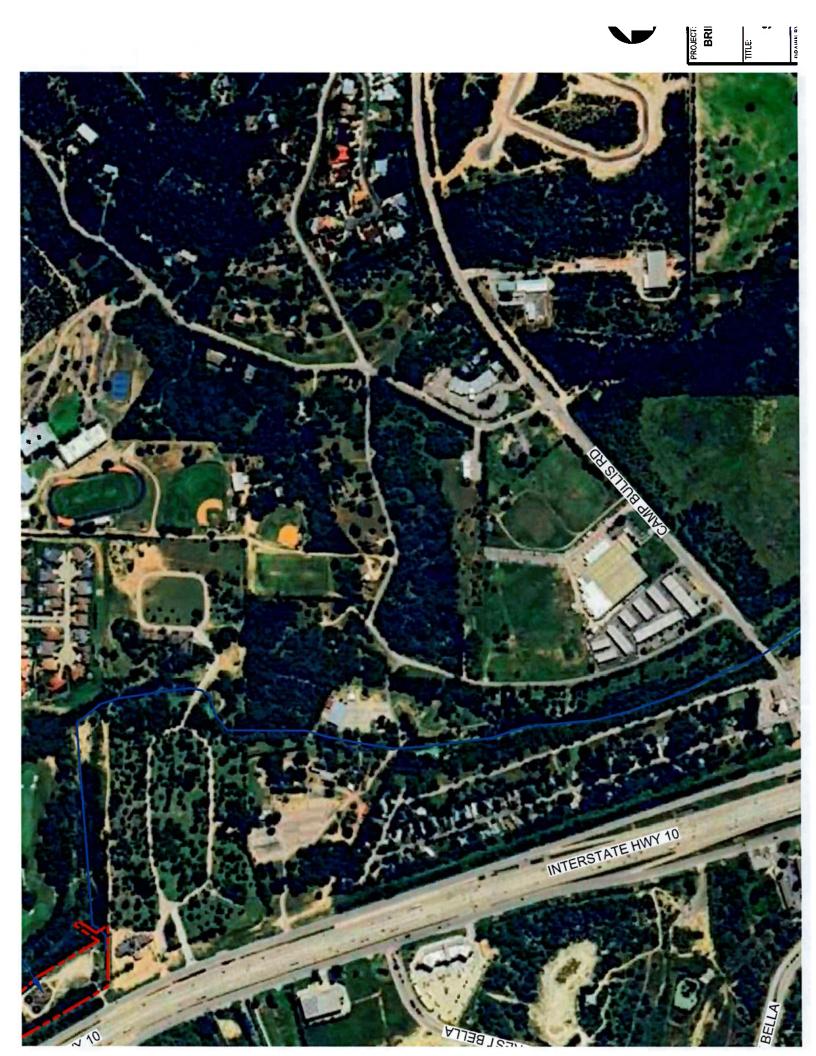
NOTE: Authorization Form should be completed in detail and authorization given by the TCEQ before construction, operation, and/or conversion can begin. Attach additional pages as necessary.

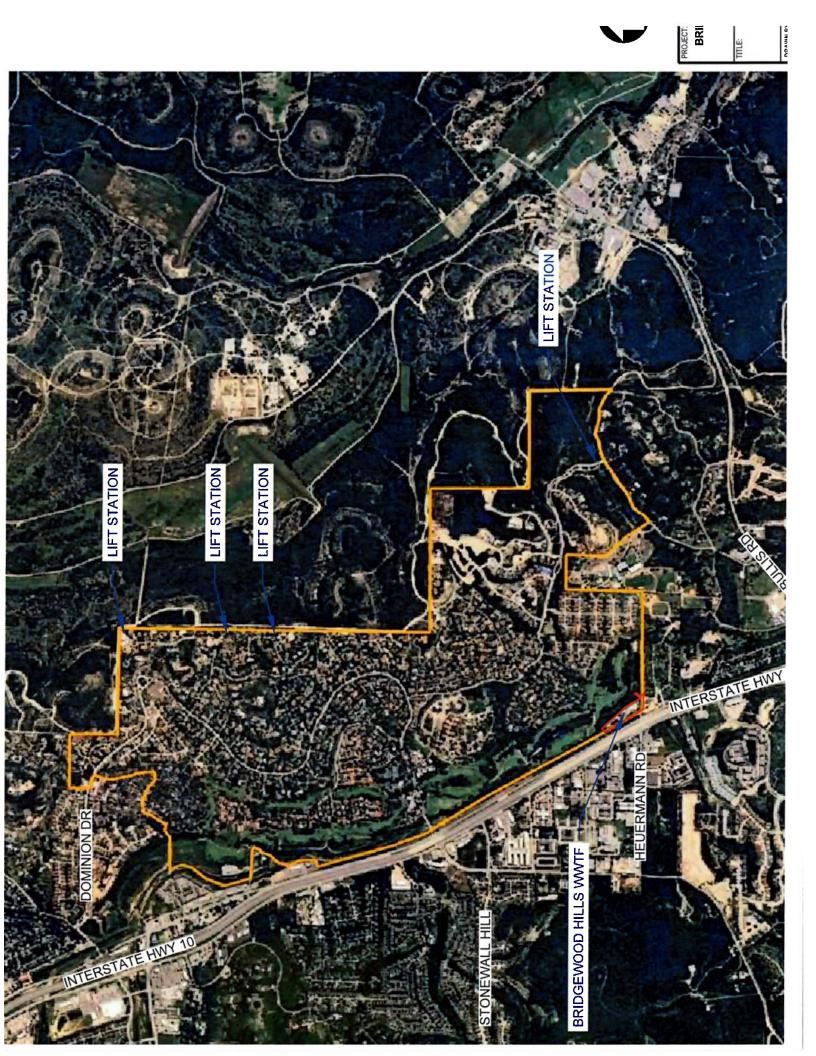
Class V Injection Well Designations

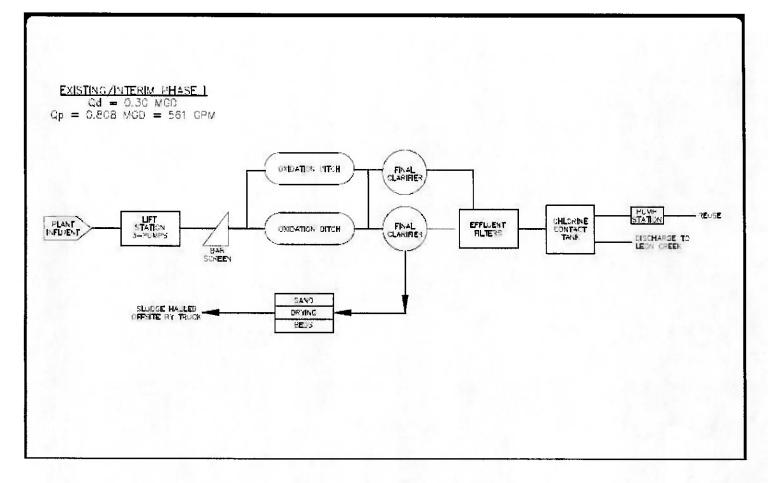
- 5A07 Heat Pump/AC return (IW used for groundwater to heat and/or cool buildings)
- 5A19 Industrial Cooling Water Return Flow (IW used to cool industrial process equipment)
- 5B22 Salt Water Intrusion Barrier (IW used to inject fluids to prevent the intrusion of salt water into an aquifer)
- 5D02 Storm Water Drainage (IW designed for the disposal of rain water)
- 5D04 Industrial Stormwater Drainage Wells (IW designed for the disposal of rain water associated with industrial facilities)
- 5F01 Agricultural Drainage (IW that receive agricultural runoff)
- 5R21 Aquifer Recharge (IW used to inject fluids to recharge an aquifer)
- 5S23 Subsidence Control Wells (IW used to control land subsidence caused by ground water withdrawal)
- 5W09 Untreated Sewage
- 5W10 Large Capacity Cesspools (Cesspools that are designed for 5,000 gpd or greater)
- 5W11 Large Capacity Septic systems (Septic systems designed for 5,000 gpd or greater)
- 5W12 WTTP disposal
- 5W20 Industrial Process Waste Disposal Wells
- 5W31 Septic System (Well Disposal method)
- 5W32 Septic System Drainfield Disposal
- 5X13 Mine Backfill (IW used to control subsidence, dispose of mining byproducts, and/or fill sections of a mine)
- 5X25 Experimental Wells (Pilot Test) (IW used to test new technologies or tracer dye studies)
- 5X26 Aquifer Remediation (IW used to clean up, treat, or prevent contamination of a USDW)
- 5X27 Other Wells
- 5X28 Motor Vehicle Waste Disposal Wells (IW used to dispose of waste from a motor vehicle site These are currently banned)
- 5X29 Abandoned Drinking Water Wells (waste disposal)

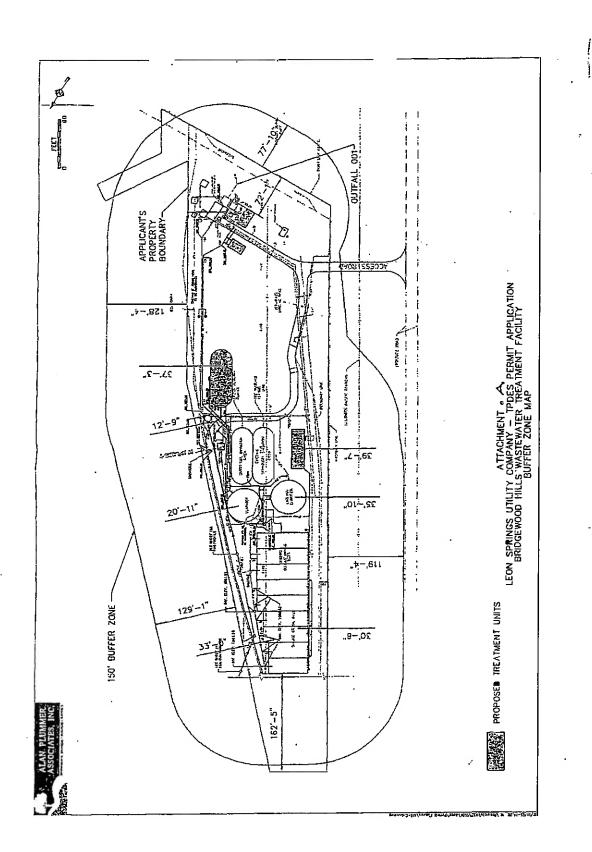














TCEQ Core Data Form

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 de	escribe in space provided.)						
New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)							
Renewal (Core Data Form should be submitted with the renewal form)							
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in	3. Regulated Entity Reference Number (if issued)					
CN 605844786	Central Registry**	RN 103145603					

SECTION II: Customer Information

4. General C	General Customer Information 5. Effective Date for Customer Information Updates (mm/dd/yyyy) 01/01/2025										
New Custo		Verifiable with the Te	pdate to Custor xas Secretary of				-	n Regulated Enti counts)	ity Ownership)	
		ubmitted here may coller of Public Accou		utomatica	lly base	ed on what	is curre	ent and active	with the Te	xas Sec	retary of State
6. Customer	Legal Nar	ne (If an individual, pri	int last name fir.	st: eg: Doe,	John)		ĬĹ	new Customer, e	enter p <mark>revious</mark>	Custom	er below:
CSWR-Texas U	tility Opera	ting Company LLC									
7. TX SOS/CP 803367893	7. TX SOS/CPA Filing Number 8. TX State Tax ID (11 digits) 803367893 32071353422			digits)		(9	9. Federal Tax ID10. DUN applicable(9 digits)84-3250493			Number (if	
11. Type of C	ustomer:	Corporat	lion			lr	dividual	vidual Partnership: 🗌 G		🗌 Ger	eral 🗌 Limited
Government: [🗌 City 🔲	County 🗋 Federal 🗌	Local 🔲 State	Other		🗆 s	ole Proprietorship 🔲 Other:				
	21-100	⊠ 101-250 □ 251-		and higher Regulated E	intity list	13. Independently Owned and Operated? Image: Presson of the solution of the s				erated?	
Owner Occupation	al Licensee	Operator	Ow	ner & Opera CP/BSA App	ator			Other:			
15. Mailing	15. Mailing Ste. 140										
Address:	City	Des Peres		State	MO	Zif	63	131	ZIP	+ 4	
16. Country M	Mailing In	formation (if outside	USA)			17. E-Mail Address (if applicable)					
						msapping	on@csw	rgroup.com			
18. Telephon	e Numbe	r	1	9. Extensio	on or C	ode		20. Fax Nu	imber (if app	licable)	FRANK TRANSPORT

	(314) 464-3976
--	------------------

Entity Information

SECTION III: Regulated Entity Information

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

New Regulated Entity	🔀 Update to Regulated Entity Name	🛛 Update to Regulated
----------------------	-----------------------------------	-----------------------

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

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

Bridgewood Wastewater Treatment Facility

23. Street Address of the Regulated Entity: (<u>No PO Boxes)</u>	20940 Fre	ontage Road						
	City	San Antonio	State	ТХ	ZIP	78257	ZIP + 4	- 11115 - 644
24. County	Bexar	•		•				

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

25. Description to	SW CORNE			t to Loon Cr	ack 2 E MANC			
Physical Location:	SW CORNEL		I SUBDIVISION, adjacer		2ek, 3.3 MIN C	FIRIUAND LOOP 10	04 INTERSECT	UN
26. Nearest City	in all in			See 8		State	Nea	arest ZIP Code
San Antonio						тх	782	57
Latitude/Longitude are used to supply coording	•	•				ards. (Geocoding o	f the Physical	Address may be
27. Latitude (N) In Deci	mal:	29.637651		28.	Longitude (V	N) In Decimal:	-98.6138	94
Degrees	Minutes	l	Seconds	Deg	rees	Minutes	l	Seconds
29. Primary SIC Code (4 digits)		Secondary Sl ligits)	C Code	31. Prima (5 or 6 dig	ary NAICS Co gits)	Jue	econdary NAI	CS Code
4952		_						
33. What is the Primar	y Business of	this entity?	Do not repeat the SIC o	T or NAICS desi	cription.)			
Wastewater Treatment						-		
	1630 Des	Peres Road	10 47					
34. Mailing Address:	Ste. 140							
	City	Des Peres	State	мо	ZIP	63131	ZIP + 4	7
35. E-Mail Address:	msa	appington@CS\	WRgroup.com			*	<u>1</u> 43	
36. Telephone Number			37. Extension or	Code	38. F	ax Number (if appl	icable)	
(314)464-3976 () -								

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

Dam Safety	Districts	Edwards Aquifer	Emissions Inventory Air	Industrial Hazardous Waste
Municipal Solid Waste	New Source Review Air	OSSF	Petroleum Storage Tank	D PWS
Siudge	Storm Water	Title V Air		Used Oil
Voluntary Cleanup	🛛 Wastewater	Wastewater Agriculture	UWater Rights	Other:
	WQ0014376001, TX0090603, R14376001A			

SECTION IV: Preparer Information

40. Name:	Amberly Schuiz	2		41. Title:	Compliance Specialist
42. Telephone	Number	43. Ext./Code	44. Fax Number	45. E-Mail	Address
(573) 214-1075			() -	aschulz@trco	companies.com

SECTION V: Authorized Signature

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

Company:	CSWR-Texas Utility Operating Company	Job Title:	Vice President			
Name (In Print):	Michael Duncan		Phone:	13141749 0820		
Signature:	Chill		Date:	1-16-25		

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:	
Application type:RenewalMajor Am	endmentMinor AmendmentNew
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)

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at <u>WQ-ARPTeam@tceq.texas.gov</u> or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: <u>CSWR-Texas Utility Operating Company, LLC</u>

Permit No. WQ00 <u>14376001</u>

EPA ID No. TX <u>0090603</u>

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

20940 Frontage Road, San Antonio, TX 78257 SW CORNER OF DOMINION SUBDIVISION, adjacent to Leon Creek, 3.5 M N OF IH10 AND LOOP 1604 INTERSECTION, San Antonio, Bexar County 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): <u>Amanda Sappington</u>
First and Last Name:
Credential (P.E, P.G., Ph.D., etc.):
Title: <u>EHS Compliance Manager</u>
Mailing Address: <u>1630 Des Peres Road, Ste. 140</u>
City, State, Zip Code: <u>Des Peres, Mo 63131</u>
Phone No.: <u>314</u>-464-3976 Ext.: Fax No.:
E-mail Address: <u>msappington@cswrgroup.com</u>

- 2. List the county in which the facility is located: <u>Bexar</u>
- If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.
 N/A
- 4. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.

<u>Discharges directly to upper Leon Creek in Segment No. 1907 of the San Antonio River</u> <u>Basin</u>

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

<u>none</u>

2. Describe existing disturbances, vegetation, and land use: None, existing WWTF

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

- 3. List construction dates of all buildings and structures on the property: <u>N/A</u>
- 4. Provide a brief history of the property, and name of the architect/builder, if known. <u>N/A</u>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



DOMESTIC WASTEWATER PERMIT APPLICATION **CHECKLIST**

Complete and submit this checklist with the application.

APPLICANT NAME: CSWR-Texas Utility Operating Company, LLC PERMIT NUMBER (If new, leave blank): WQ00 14376001 Indicate if each of the following items is included in your application.

	Y	Ν
Administrative Report 1.0	\boxtimes	
Administrative Report 1.1		\boxtimes
SPIF	\boxtimes	
Core Data Form	\boxtimes	
Public Involvement Plan Form		
Technical Report 1.0		
Technical Report 1.1		
Worksheet 2.0		
Worksheet 2.1		
Worksheet 3.0		
Worksheet 3.1		
Worksheet 3.2		
Worksheet 3.3		
Worksheet 4.0		
Worksheet 5.0		
Worksheet 6.0		
Worksheet 7.0		

	Y	Ν
Original USGS Map		\boxtimes
Affected Landowners Map		
Landowner Disk or Labels		\boxtimes
Buffer Zone Map		
Flow Diagram		
Site Drawing		
Original Photographs		\boxtimes
Design Calculations		
Solids Management Plan		\boxtimes
Water Balance		

For TCEQ Use Only	
Segment Number	County
Expiration Date	Region
Permit Number	

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

For any questions about this form, please contact the Applications Review and Processing Team at 512-239-4671.

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 □

Payment Information:

Mailed	Check/Money Order Number: Click to enter text.	
	Check/Money Order Amount: Click to enter text.	
	Name Printed on Check: Click to enter text.	
EPAY	Voucher Number: Click to enter text.	
Copy of Payment Voucher enclosed? Yes		

Section 2. Type of Application (Instructions Page 26)

- **a.** Check the box next to the appropriate authorization type.
 - □ Publicly-Owned Domestic Wastewater
 - Privately-Owned Domestic Wastewater
 - Conventional Wastewater Treatment
- **b.** Check the box next to the appropriate facility status.
 - \boxtimes Active \square Inactive

- **c.** Check the box next to the appropriate permit type.
 - ⊠ TPDES Permit
 - □ TLAP
 - □ TPDES Permit with TLAP component
 - Subsurface Area Drip Dispersal System (SADDS)
- **d.** Check the box next to the appropriate application type
 - □ New
 - □ Major Amendment <u>with</u> Renewal □ Minor Amendment <u>with</u> Renewal
 - □ Major Amendment <u>without</u> Renewal
- □ Minor Amendment <u>without</u> Renewal
- \boxtimes Renewal without changes \square Minor Modification of permit
- e. For amendments or modifications, describe the proposed changes: Click to enter text.

f. For existing permits:

Permit Number: WQ00 <u>14376001</u> EPA I.D. (TPDES only): TX <u>0090603</u> Expiration Date: 04/27/2025

Section 3. Facility Owner (Applicant) and Co-Applicant Information (Instructions Page 26)

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

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

CSWR-Texas Utility Operating Company, 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 <u>http://www15.tceq.texas.gov/crpub/</u>

CN: <u>605844786</u>

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: <u>Mr.</u> Last Name, First Name: <u>Cox, Josiah</u>

Title: <u>President</u> Credential: Click to enter text.

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?

Click to enter text.

(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: <u>http://www15.tceq.texas.gov/crpub/</u>

CN: Click to enter text.

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: Click to enter text.Last Name, First Name: Click to enter text.Title: Click to enter text.Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: Click to enter text.

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. Click to enter text.

Section 4. Application Contact Information (Instructions Page 27)

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: Click to enter text.	Last Name, First	: Name: <u>Sappin</u>	gton,	<u>Amanda</u>
	Title: <u>EHS Compliance</u> Manager	Credential: Click	k to enter text.		
	Organization Name: <u>CSWR</u> -Texas	5			
	Mailing Address: <u>1630 Des Peres F</u>	<u>Road, Ste. 140</u>	City, State, Zi	ip Co	de: <u>Des Peres, MO 63131</u>
	Phone No.: <u>314-464-3976</u>	E-mail Address	: <u>msappington@</u>	@cswi	rgroup.com
	Check one or both: \square Adr	ninistrative Conta	act	\boxtimes	Technical Contact
B.	Prefix: Click to enter text.	Last Name, First	Name: <u>Woods</u>	-Schu	ılz, Amberly
	Title: Compliance Specialist	Credential: Click	k to enter text.		
	Organization Name: TRC Compan	<u>iies</u>			
	Mailing Address: 1000 Clark Ave	City, S	State, Zip Code	e: St.	Louis, MO 63102
	Phone No.: <u>573-214-1075</u>	E-mail Address	: <u>aschulz@trcco</u>	ompai	<u>nies.com</u>
	Check one or both: \Box Adm	ninistrative Conta	act	\boxtimes	Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

Provide the names and contact information for two individuals that can be contacted throughout the permit term.

A.	Prefix: Click to enter text.	Last Name	e, First Name: <u>Sappington, Amanda</u>
	Title: EHS Compliance Manager	Credential	: Click to enter text.
	Organization Name: <u>CSWR</u> -Texas		
	Mailing Address: <u>1630 Des Peres R</u>	<u>oad</u>	City, State, Zip Code: <u>Des Peres, MO 63131</u>
	Phone No.: <u>314-464-3976</u>	E-mail Ad	ldress: <u>msappington@cswrgroup.com</u>

B.	Prefix: Click to enter text.	Last Name, First	Name: <u>Stephens, Karl</u>
	Title: <u>Regional Manager</u>	Credential: Click	to enter text.
	Organization Name: <u>CSWR</u> -Texas		
	Mailing Address: 1630 Des Peres R	oad, Ste. 140	City, State, Zip Code: Des Peres, MO 63131
	Phone No.: <u>314-380-8505</u>	E-mail Address:	karl@cswrgroup.com

Section 6. Billing Contact Information (Instructions Page 27)

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: Click to enter text.	Last Name, First	Name: <u>Obernuefemann, Krista</u>
Title: <u>Accounts Payable</u>	Credential: Click	to enter text.
Organization Name: CSWR		
Mailing Address: <u>1630 Des Peres R</u>	<u>oad, Ste. 140</u>	City, State, Zip Code: Des Peres, MO 63131
Phone No.: <u>314-380-8515</u>	E-mail Address	ap@cswrgroup.com

Section 7. DMR/MER Contact Information (Instructions Page 27)

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

Prefix: Click to enter text.	Last Name, First Name: <u>Sappington, Amanda</u>
Title: <u>EHS Compliance Manager</u>	Credential: Click to enter text.
Organization Name: <u>CSWR-Texa</u>	<u>s</u>
Mailing Address: <u>1630 Des Peres</u>	Road, Ste. 140 City, State, Zip Code: Des Peres, MO 63131
Phone No.: <u>314-464-3976</u>	E-mail Address: <u>msappington@cswrgroup.com</u>

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Click to enter text. Last Name, First <u>Name: Sappington, Amanda</u>

Title: <u>EHS Compliance Manager</u> Credential: Click to enter text.

Organization Name: CSWR-Texas

Mailing Address: <u>1630 Des Peres Ro</u>	oad, Ste. 140	City, State, Zip Code: Des Peres, MO 63131
Phone No.: <u>314-464-3976</u>	E-mail Address	: <u>msappington@cswrgroup.com</u>

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 permit to be listed in the Notices

Prefix: Click to enter text. Last Name, First Name: Sappington, Amanda

Title: <u>EHS Compliance Manager</u> Credential: Click to enter text.

Organization Name: CSWR

Mailing Address: 1630 Des Peres Road, Ste. 140City, State, Zip Code: Des Peres, MO 63131Phone No.: 314-464-3976E-mail Address: msappington@cswrgroup.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: <u>Igo Library</u>

Location within the building: <u>Inquire at Front Desk</u>

Physical Address of Building: 13330 Kyle Seale Parkway

City: <u>San Antonio</u> County: <u>Bexar</u>

Contact (Last Name, First Name): Haluwana, Gamini

Phone No.: <u>210-207-9080</u> Ext.: Click to enter text.

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?

X Yes No

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

X Yes No

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

F. Plain Language Summary Template

Complete the Plain Language Summary (TCEQ Form 20972) and include as an attachment. Attachment: Click to enter text.

G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEO Form 20960) for each application for a new permit or major amendment to a permit and include as an attachment.

Attachment: not required

Regulated Entity and Permitted Site Information (Instructions Section 9. **Page 29**)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** 103145603

Search the TCEQ's Central Registry at http://www15.tceq.texas.gov/crpub/ to determine if the site is currently regulated by TCEQ.

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

Bridgewood Wastewater Treatment Facility

C. Owner of treatment facility: CSWR-Texas Utility Operating Company, LLC Both

Ownership of Facility: \Box Public Private Federal

- **D.** Owner of land where treatment facility is or will be:
 - Last Name, First Name: Click to enter text. Prefix: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: CSWR-Texas Utility Operating Company, LLC

Mailing Address: 1630 Des Peres Road, Ste. 140 City, State, Zip Code: Des Peres, MO 63131

Phone No.: 314-736-4672 E-mail Address: jcox@cswrgroup.com

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

Attachment: Click to enter text.

E. Owner of effluent disposal site:

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

Phone No.: Click to enter text. E-mail Address: Click to enter text.

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: Click to enter text.

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

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

Phone No.: Click to enter text. E-mail Address: Click to enter text.

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: Click to enter text.

Section 10. TPDES Discharge Information (Instructions Page 31)

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:

Click to enter text.

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:

Click to enter text.

City nearest the outfall(s): <u>San Antonio</u>

County in which the outfalls(s) is/are located: <u>Bexar</u>

- **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: Click to enter text.

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: <u>N/A</u>

Section 11. TLAP Disposal Information (Instructions Page 32)

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:

N/A

- B. City nearest the disposal site: Click to enter text.
- C. County in which the disposal site is located: Click to enter text.
- D. For TLAPs, describe the routing of effluent from the treatment facility to the disposal site:

Click to enter text.

E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: Click to enter text.

Section 12. Miscellaneous Information (Instructions Page 32)

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?
 - \Box Yes \boxtimes No \boxtimes 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.

Click to enter text.

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: Click to enter text.

D. Do you owe any fees to the TCEQ?

🗆 Yes 🛛 No

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

Account number: Click to enter text.

Amount past due: Click to enter text.

E. Do you owe any penalties to the TCEQ?

🗆 Yes 🛛 No

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

Enforcement order number: Click to enter text.

Amount past due: Click to enter text.

Section 13. Attachments (Instructions Page 33)

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: <u>8x12 reproduced topo map</u>

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: Click to enter text.

Applicant: Click to enter text.

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.

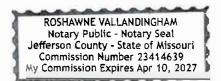
I further certify that I am authorized under 30 Texas Administrative Code § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): Click to enter text. Michael Duncard
Signatory title: Click to enter text. Vice Presiden +
Signature: (Use blue ink) Date: 1-16-25
Subscribed and Sworn to before me by the said Michael DUNGUN
on this 16th day of January, 20.55
My commission expires on the <u>10^{+h}</u> day of <u>April</u> , 20 <u>27</u> .
\mathcal{D}

Bashanno Vallandungham Notary Public

[SEAL]

County, Texas MISSOURI



DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

- **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.** \Box 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: Click to enter text.
- **E.** As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?
 - 🗆 Yes 🗖 No

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

- **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: Click to enter text.
- **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):

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

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 38)

- **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

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

This form applies to TPDES permit applications only. Complete and attach the Supplemental Permit information Form (SPIF) (TCEQ Form 20971).

Attachment: Click to enter text.

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	BY OVERNIGHT/EXPRESS MAIL
Texas Commission on Environmental Quality	Texas Commission on Environmental Quality
Financial Administration Division	Financial Administration Division
Cashier's Office, MC-214	Cashier's Office, MC-214
P.O. Box 13088	12100 Park 35 Circle
Austin, Texas 78711-3088	Austin, Texas 78753

Fee Code: WQP Waste Permit No: Click to enter text.

- 1. Check or Money Order Number: Click to enter text.
- 2. Check or Money Order Amount: Click to enter text.
- 3. Date of Check or Money Order: Click to enter text.
- 4. Name on Check or Money Order: Click to enter text.
- 5. APPLICATION INFORMATION

Name of Project or Site: Click to enter text.

Physical Address of Project or Site: Click to enter text.

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

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

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): Click to enter text.

Full legal name (Last Name, First Name, Middle Initial): Click to enter text.

Driver's License or State Identification Number: Click to enter text.

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text. Fax Number: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

For Commission Use Only:

Customer Number: Regulated Entity Number: Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION 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) (Required for all application types. Must be completed in its entirety of Note: Form may be signed by applicant representative.)	and s	igned.		Yes
Correct and Current Industrial Wastewater Permit Application Form (TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or late				Yes
Water Quality Permit Payment Submittal Form (Page 19) (Original payment sent to TCEQ Revenue Section. See instructions for	r mai	iling ad	⊠ Idress	Yes s.)
7.5 Minute USGS Quadrangle Topographic Map Attached (Full-size map if seeking "New" permit. 8 ½ x 11 acceptable for Renewals and Amendments)				Yes
Current/Non-Expired, Executed Lease Agreement or Easement		N/A		Yes
Landowners Map (See instructions for landowner requirements)	\boxtimes	N/A		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 (See instructions for landowner requirements)	\boxtimes	N/A		Yes
Landowners Labels or USB Drive attached (See instructions for landowner requirements)		N/A		Yes
Original signature per 30 TAC § 305.44 – Blue Ink Preferred (If signature page is not signed by an elected official or principle executed a copy of signature authority/delegation letter must be attached)	cutiv	e office	r,	Yes
Plain Language Summary			\boxtimes	Yes

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:					
Application type:RenewalMajor AmendmentMinor AmendmentNew					
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)

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at <u>WO-ARPTeam@tceq.texas.gov</u> or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: CSWR-Texas Utility Operating Company, LLC

Permit No. WQ00 <u>14376001</u>

EPA ID No. TX 0090603

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

20940 Frontage Road, San Antonio, TX 78257 SW CORNER OF DOMINION SUBDIVISION, adjacent to Leon Creek, 3.5 M N OF IH10 AND LOOP 1604 INTERSECTION, San Antonio, Bexar County 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): <u>Amanda Sappington</u> First and Last Name: Credential (P.E, P.G., Ph.D., etc.): Title: <u>EHS Compliance Manager</u> Mailing Address: <u>1630 Des Peres Road, Ste. 140</u> City, State, Zip Code: <u>Des Peres, Mo 63131</u> Phone No.: <u>314</u>-464-3976 Ext.: Fax No.:

- 2. List the county in which the facility is located: <u>Bexar</u>
- If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.
 N/A

	Provide a description of the effluent discharge route. The discharge route must follow the flow
4.	Trovide a description of the endent discharge route. The discharge route must follow the now
	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.

<u>Discharges directly to upper Leon Creek in Segment No. 1907 of the San Antonio River</u> <u>Basin</u>

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

<u>none</u>

N/A

2. Describe existing disturbances, vegetation, and land use: None, existing WWTF

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

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

4. Provide a brief history of the property, and name of the architect/builder, if known. <u>N/A</u>

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

For any questions about this form, please contact the Domestic Wastewater Permitting Team at 512-239-4671.

The following information is required for all renewal, new, and amendment applications.

Section 1. Permitted or Proposed Flows (Instructions Page 43)

A. Existing/Interim I Phase

Design Flow (MGD): <u>0.30 MGD</u> 2-Hr Peak Flow (MGD): <u>0.8</u> Estimated construction start date: <u>existing</u> Estimated waste disposal start date: <u>existing</u>

B. Interim II Phase

Design Flow (MGD): <u>0.45</u> 2-Hr Peak Flow (MGD): <u>Click to enter text.</u> Estimated construction start date: <u>04/01/2026</u> Estimated waste disposal start <u>date:12/31/2026</u>

C. Final Phase

Design Flow (MGD): <u>o.8</u> 2-Hr Peak Flow (MGD): <u>Click to enter text.</u> Estimated construction start date: <u>unknown</u> Estimated waste disposal start date: <u>unknown</u>

D. Current Operating Phase

Provide the startup date of the facility: Existing/Interim I Phase

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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, a description of each phase must be provided**.

The WWTP has two concrete Oxidation Ditches that utilize mechanical aeration with dual impeller aerators, two concrete clarifiers and a tertiary filter unit. Wastewater is disinfected with chlorine gas prior to discharge through a chlorine contact basin into a pump station where it is pumped to the Dominion Subdivision golf course ponds for reuse. The discharge can drain by gravity to a nearby creek, but typically 100% of discharge is reused under Authorization No. R14376-001A. The WWTP utilizes nine (9) concrete drying beds to prepare sludge for landfill disposal. The expansion will include replacing the aerators, rehabilitating the influent lift station, and expansion of the tertiary filter.

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.

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Bar Screen	1	
Oxidation Ditch	2	
Final Clarifier	2	
Effluent Filters	1	
Chlorine contact tank	1	
Sand Drying Beds (sludge)	3	

Table 1.0(1) - Treatment Units

C. Process Flow Diagram

Provide flow diagrams for the existing facilities and **each** proposed phase of construction. Attachment: <u>Attachment 6</u>

Section 3. Site Information and Drawing (Instructions Page 44)

Provide the TPDES discharge outfall latitude and longitude. Enter N/A if not applicable.

- Latitude: <u>29.636634</u>
- Longitude: <u>-98.613072</u>

Provide the TLAP disposal site latitude and longitude. Enter N/A if not applicable.

- Latitude: <u>N/A</u>
- Longitude: <u>N/A</u>

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: Attachment 4

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

This treatment system serves the Dominion Subdivision in Bexar County, San Antonio, Texas.

Collection System Information **for wastewater TPDES permits only**: Provide information for each **uniquely owned** collection system, existing and new, served by this facility, including satellite collection systems. **Please see the instructions for a detailed explanation and examples.**

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
Bridgewood Wastewater Treatment Facility	CSWR – Texas Utility Operating Company LLC	Privately Owned	
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 45)

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.

It appears the plant needs to be expanded due to continued residential development growth and to help manage infiltration. The Interim II Phase expansion plans will also address the needed repair work that CSWR has identified since acquiring this facility. Needed repairs include: concrete damage on Oxidation Ditches, aging aerators, electrical system upgrades, and corrosion on the clarifiers. These repairs will ensure the integrity of the plant and lead to more consistent compliance with effluent limits established in the permit.

Section 5. Closure Plans (Instructions Page 45)

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 to enter text.

Section 6. Permit Specific Requirements (Instructions Page 45)

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: Phase II – May 11, 2017

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**.

Nothing has been submitted as no changes have occurred.

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.

Click to enter text.

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*.

No actions have been taken because expansion is still in future.

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.

Click to enter text.

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 512-239-2335. 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.

Click to enter text.

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 512-239-2335.

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

Click to enter text.

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 Click to enter text. or TXRNE Click to enter text.

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:

Click to enter text.

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.

Click to enter text.

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.

Click to enter text.

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.

Click to enter text.

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, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. <u>Click to enter text.</u>

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

1. Acceptance of sludge from other WWTPs

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

🗆 Yes 🖾 No

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

In addition, provide the date the plant started 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.

Click to enter text.

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 the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD_3 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.

Click to enter text.

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 or will the facility 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.

Click to enter text.

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 50)

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). Provide copies of the laboratory results sheets. **These tables are not applicable for a minor amendment without renewal.** See the instructions for guidance.

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	<3	<3	1	Grab	07/18/202 4 12:36
Total Suspended Solids, mg/l	2	2	1	Grab	7/18/2024 14:40
Ammonia Nitrogen, mg/l	<0.1	<0.1	1	Grab	07/23/202 4 10:00
Nitrate Nitrogen, mg/l	25.4	25.4	1	Grab	08/06/202 4 10:40
Total Kjeldahl Nitrogen, mg/l	2	2	1	Grab	07/25/202 4 11:00
Sulfate, mg/l	88	88	1	Grab	08/02/202 4 12:49
Chloride, mg/l	413	413	1	Grab	07/26/202 4 13:23
Total Phosphorus, mg/l	1.99	1.99	1	Grab	07/24/202 4 05:20
pH, standard units	7.4	7.4	1	Grab	07/18/202 4 12:36
Dissolved Oxygen*, mg/l	6.69	6.69	1	Grab	07/18/202 4 12:30
Chlorine Residual, mg/l	1.89	1.89	1	Grab	07/18/202 4 13:00
<i>E.coli</i> (CFU/100ml) freshwater	0	0	1	Grab	07/18/202 4 14:20
Entercocci (CFU/100ml) saltwater	<1.0	<1.0	1	Grab	07/22/202 4 11:00
Total Dissolved Solids, mg/l	1080	1080	1	Grab	07/22/202 4 10:30
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l	<5	<5	1	Grab	07/24/202 4 10:45
Alkalinity (CaCO3)*, mg/l					

Table1.0(2) – Pollutant Analysis for Wastewater Treatment Facilities

*TPDES permits only

†TLAP permits only

Table1.0(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 50)

Facility Operator Name: <u>Taylor Wintersteen</u>

Facility Operator's License Classification and Level: Wastewater Operator A

Facility Operator's License Number: <u>WW0061591</u>

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 51)

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

- \Box Design flow>= 1 MGD
- \Box Serves >= 10,000 people
- □ Class I Sludge Management Facility (per 40 CFR § 503.9)
- □ Biosolids generator
- □ Biosolids end user land application (onsite)
- □ Biosolids end user surface disposal (onsite)
- □ Biosolids end user incinerator (onsite)

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- □ Aerobic Digestion
- Air Drying (or sludge drying beds)
- □ Lower Temperature Composting
- □ Lime Stabilization
- □ Higher Temperature Composting
- □ Heat Drying
- □ Thermophilic Aerobic Digestion
- Beta Ray Irradiation

- □ Gamma Ray Irradiation
- □ Pasteurization
- □ Preliminary Operation (e.g. grinding, de-gritting, blending)
- Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- □ Sludge Lagoon
- □ Temporary Storage (< 2 years)
- □ Long Term Storage (>= 2 years)
- □ Methane or Biogas Recovery
- □ Other Treatment Process: <u>Click to enter text.</u>

C. Biosolids Management

Provide information on the *intended* biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize all biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

Biosolids Management

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): <u>Click to enter text.</u>

D. Disposal site

Disposal site name: <u>Click to enter text.</u>

TCEQ permit or registration number: <u>Click to enter text.</u>

County where disposal site is located: Click to enter text.

E. Transportation method

Method of transportation (truck, train, pipe, other): <u>Click to enter text.</u>

Name of the hauler: <u>Click to enter text.</u>

Hauler registration number: <u>Click to enter text.</u>

Sludge is transported as a:

Liquid \Box semi-liquid \Box semi-solid \Box solid \Box

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 53)

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	\boxtimes	No
Marketing and Distribution of sludge	Yes	\boxtimes	No
Sludge Surface Disposal or Sludge Monofill	Yes	\boxtimes	No
Temporary storage in sludge lagoons	Yes	\boxtimes	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 53)

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: Click to enter text.

- USDA Natural Resources Conservation Service Soil Map: Attachment: Click to enter text.
- Federal Emergency Management Map:

Attachment: Click to enter text.

• Site map:

Attachment: Click to enter text.

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
- \square None of the above

Attachment: Click to enter text.

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:

Click to enter text.		

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: Click to enter text.

Total Kjeldahl Nitrogen, mg/kg: Click to enter text.

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: Click to enter text.

Phosphorus, mg/kg: Click to enter text.

Potassium, mg/kg: Click to enter text.

pH, standard units: Click to enter text.

Ammonia Nitrogen mg/kg: <u>Click to enter text.</u>

Arsenic: <u>Click to enter text.</u>

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: <u>Click to enter text.</u>

Lead: Click to enter text.

Mercury: Click to enter text.

Molybdenum: <u>Click to enter text.</u>

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: Click to enter text.

Total PCBs: Click to enter text.

Provide the following information:

Volume and frequency of sludge to the lagoon(s): <u>Click to enter text.</u>

Total dry tons stored in the lagoons(s) per 365-day period: Click to enter text.

Total dry tons stored in the lagoons(s) over the life of the unit: <u>Click to enter text.</u>

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.

Click to enter text.

D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)
 Attachment: <u>Click to enter text.</u>
- Copy of the closure plan
 Attachment: <u>Click to enter text.</u>
- Copy of deed recordation for the site
 Attackment: Click to onter tout
 - Attachment: <u>Click to enter text.</u>
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons Attachment: <u>Click to enter text.</u>
- Description of the method of controlling infiltration of groundwater and surface water from entering the site

Attachment: Click to enter text.

• Procedures to prevent the occurrence of nuisance conditions

Attachment: Click 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: Click to enter text.

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 55)

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:

CSWR-Texas has authorization for Type II reclaimed water from this facility under R14376-001A. The water is used as irrigation water for a restricted access golf course after being stored in off-channel storage ponds owned by the golf course.

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:

On August 14, 2024, CSWR-TX was issued Agreed Order 2023-1048-MWD-E, related to effluent violations in 2022 and 2023. Improved operation has returned to plant to compliance with those limits, a fine was paid and we understand this case to be fully resolved.

Section 13. RCRA/CERCLA Wastes (Instructions Page 55)

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 to enter text.

Section 14. Laboratory Accreditation (Instructions Page 56)

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:
 - o periodically inspected by the TCEQ; or
 - o located in another state and is accredited or inspected by that state; or
 - o 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: Click to enter text. Michael Duncan

Title: Click to enter text, Vice president

Signature: Date: 1-16

On August 14, 2024, CSWR-TX was issued Agreed Order 2023-1048-MWD-E, related to effluent violations in 2022 and 2023. Improved operation has returned to plant to compliance with those limits, a fine was paid and we understand this case to be fully resolved.

Section 13. RCRA/CERCLA Wastes (Instructions Page 55)

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 to enter text.

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: Click to enter text.

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 and collection systems that includes each permittee's name and permit number, and an area map showing the location of these facilities and collection systems.

Attachment: Click to enter text.

If yes, attach proof of mailing a request for service to each facility and collection system, the letters requesting service, and correspondence from each facility and collection system.

Attachment: Click to enter text.

If the facility or collection system agrees to provide service, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the facility or collection system versus the cost of the proposed facility or expansion.

Attachment: Click to enter text.

Section 2. Proposed Organic Loading (Instructions Page 59)

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): Click to enter text.

Average Influent Organic Strength or BOD₅ Concentration in mg/l: Click to enter text.

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34): <u>Click</u> to enter text.

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

B. Proposed organic loading

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

Table 1.1(1)	-	Design	Organic	Loading
--------------	---	--------	---------	---------

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality		
Subdivision		
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		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources		
AVERAGE BOD ₃ from all sources		

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 59)

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: Click to enter text.

Total Suspended Solids, mg/l: <u>Click to enter text.</u>

Ammonia Nitrogen, mg/l: <u>Click to enter text.</u>

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: Click to enter text.

Other: Click to enter text.

B. Interim II Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: <u>Click to enter text.</u> Total Suspended Solids, mg/l: <u>Click to enter text.</u> Ammonia Nitrogen, mg/l: <u>Click to enter text.</u> Total Phosphorus, mg/l: <u>Click to enter text.</u> Dissolved Oxygen, mg/l: <u>Click to enter text.</u> Other: <u>Click to enter text.</u>

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: <u>Click to enter text.</u> Total Suspended Solids, mg/l: <u>Click to enter text.</u> Ammonia Nitrogen, mg/l: <u>Click to enter text.</u> Total Phosphorus, mg/l: <u>Click to enter text.</u> Dissolved Oxygen, mg/l: <u>Click to enter text.</u> Other: <u>Click to enter text.</u>

D. Disinfection Method

Identify the proposed method of disinfection.

 \Box Chlorine: <u>Click to enter text.</u> mg/l after <u>Click to enter text.</u> minutes detention time at peak flow

Dechlorination process: Click to enter text.

- Ultraviolet Light: <u>Click to enter text.</u> seconds contact time at peak flow
- □ Other: <u>Click to enter text</u>.

Section 4. Design Calculations (Instructions Page 59)

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

Attachment: Click to enter text.

Section 5. Facility Site (Instructions Page 60)

A. 100-year floodplain

Will the proposed facilities be located <u>above_the 100-year frequency flood level?</u>

□ 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.

Click to enter text.

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: <u>Click to enter text.</u>

If no, provide the approximate date you anticipate submitting your application to the Corps: <u>Click to enter text.</u>

B. Wind rose

Attach a wind rose: Click to enter text.

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 60)

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): <u>Click to enter text.</u>

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 the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056):** <u>Click to enter text.</u>

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 61)

Attach a solids management plan to the application.

Attachment: Click to enter text.

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 WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 64)

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 **no**, proceed it Section 2. **If yes**, provide the following:

Owner of the drinking water supply: <u>Click to enter text.</u>

Distance and direction to the intake: Click to enter text.

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

Attachment: Click to enter text.

Section 2. Discharge into Tidally Affected Waters (Instructions Page 64)

Does the facility discharge into tidally affected waters?

🗆 Yes 🖾 No

If **no**, proceed to Section 3. **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: <u>Click to enter text.</u>

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).

Click to enter 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 64)

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 65)

Name of the immediate receiving waters: Click to enter text.

A. Receiving water type

Identify the appropriate description of the receiving waters.

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

Surface area, in acres: <u>Click to enter text.</u>

Average depth of the entire water body, in feet: <u>Click to enter text.</u>

Average depth of water body within a 500-foot radius of discharge point, in feet: <u>Click to enter text.</u>

- Man-made Channel or Ditch
- □ Open Bay
- □ Tidal Stream, Bayou, or Marsh
- □ Other, specify: <u>Click to enter text.</u>

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: <u>Click to enter text.</u>

C. Downstream perennial confluences

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

Click to enter text.

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.

Click to enter text.

E. Normal dry weather characteristics

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

Click to enter text.

Date and time of observation: Click to enter text.

Was the water body influenced by stormwater runoff during observations?

🗆 Yes 🖾 No

Section 5. General Characteristics of the Waterbody (Instructions Page 66)

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: <u>Click to enter text.</u>

B. Waterbody uses

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

- □ Livestock watering
- □ Irrigation withdrawal
- □ Fishing
- □ Domestic water supply
- Park activities

- □ Contact recreation
- □ Non-contact recreation
- □ Navigation
- □ Industrial water supply
- □ Other(s), specify: <u>Click to enter text.</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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

Required for new applications, major facilities, and applications adding an outfall.

Worksheet 2.1 is not required for discharges to intermittent streams or discharges directly to (or within 300 feet of) a classified segment.

Section 1. General Information (Instructions Page 66)

Date of study: <u>Click to enter text.</u> Time of study: <u>Click to enter text.</u>

Stream name: <u>Click to enter text.</u>

Location: <u>Click to enter text.</u>

Type of stream upstream of existing discharge or downstream of proposed discharge (check one).

□ Perennial □ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 66)

Number of stream bends that are well defined: Click to enter text.

Number of stream bends that are moderately defined: Click to enter text.

Number of stream bends that are poorly defined: Click to enter text.

Number of riffles: <u>Click to enter text.</u>

Evidence of flow fluctuations (check one):

□ Minor □ moderate □ severe

Indicate the observed stream uses and if there is evidence of flow fluctuations or channel obstruction/modification.

Stream transects

In the table below, provide the following information for each transect downstream of the existing or proposed discharges. Use a separate row for each transect.

Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section.	Transect location	Water surface width (ft)	Stream depths (ft) at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas.
Choose an item.			

Table 2.1(1) - Stream Transect Records

Section 3. Summarize Measurements (Instructions Page 66)

Streambed slope of entire reach, from USGS map in feet/feet: Click to enter text.

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): <u>Click to enter text.</u>

Length of stream evaluated, in feet: Click to enter text.

Number of lateral transects made: <u>Click to enter text.</u>

Average stream width, in feet: Click to enter text.

Average stream depth, in feet: Click to enter text.

Average stream velocity, in feet/second: Click to enter text.

Instantaneous stream flow, in cubic feet/second: Click to enter text.

Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): <u>Click to enter text.</u>

Size of pools (large, small, moderate, none): <u>Click to enter text.</u>

Maximum pool depth, in feet: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

The following is required for renewal, new, and amendment permit applications.

Section 1. Type of Disposal System (Instructions Page 68)

Identify the method of land disposal:

□ Surface application

Irrigation

- Subsurface application
- Subsurface soils absorption
- Drip irrigation system
 Subsurface area drip dispersal system
- □ Evaporation □ Evapotranspiration beds
- □ Other (describe in detail): <u>Click to enter text.</u>

NOTE: All applicants without authorization or proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0.

For existing authorizations, provide Registration Number: Click to enter text.

Section 2. Land Application Site(s) (Instructions Page 68)

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

Table 3.0(1) - Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 68)

Table 3.0(2) - Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
l.				-

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: Click to enter text.

Section 4. Flood and Runoff Protection (Instructions Page 68)

Is the land application site within the 100-year frequency flood level?

🗆 Yes 🗆 No

If yes, describe how the site will be protected from inundation.

Click to enter text.

Provide the source used to determine the 100-year frequency flood level:

Click to enter text.

Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

Section 5. Annual Cropping Plan (Instructions Page 68)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. Attachment: <u>Click to enter text.</u>

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

Section 6. Well and Map Information (Instructions Page 69)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: <u>Click to enter text.</u>

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1-mile radius of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells located within a half-mile radius of the disposal site or property boundaries shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Table 3.0(3)	-	Water	Well	Data
--------------	---	-------	------	------

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
			Choose an item.	
			Choose an item.	
			Choose an item.	
han in Second			Choose an item.	
			Choose an item.	

If water quality data or well log information is available please include the information in an attachment listed by Well ID.

Attachment: Click to enter text.

Section 7. Groundwater Quality (Instructions Page 69)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

Attachment: Click to enter text.

If yes, provide the proposed location of the monitoring wells or lysimeters on a site map.

Attachment: Click to enter text.

Section 8. Soil Map and Soil Analyses (Instructions Page 70)

A. Soil map

Attach a USDA Soil Survey map that shows the area to be used for effluent disposal.

Attachment: Click to enter text.

B. Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note**: for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

Attachment: Click to enter text.

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

Table 3.0(4) - Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number

Section 9. Effluent Monitoring Data (Instructions Page 71)

Is the facility in operation?

🗆 Yes 🗆 No

If no, this section is not applicable and the worksheet is complete.

If yes, provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A.

Table 3.0(5)	– Effluent	Monitoring Data
--------------	------------	-----------------

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated	
			-	-			
				_			
			-				
			-				
			-	-			
		1	-	_			
		-	-	1			
					-		
			-		-		
			_	-			

Provide a discussion of all persistent excursions above the permitted limits and any corrective actions taken.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.1: SURFACE LAND DISPOSAL OF EFFLUENT

The following is required for new and major amendment permit applications. Renewal and minor amendment permit applications may be asked for this worksheet on a case by case basis.

Section 1. Surface Disposal (Instructions Page 72)

Complete the item that applies for the method of disposal being used.

A. Irrigation

Area under irrigation, in acres: <u>Click to enter text.</u>

Design application frequency:

hours/day Click to enter text, And days/week Click to enter text.

Land grade (slope):

average percent (%): Click to enter text.

maximum percent (%): Click to enter text.

Design application rate in acre-feet/acre/year: Click to enter text.

Design total nitrogen loading rate, in lbs N/acre/year: Click to enter text.

Soil conductivity (mmhos/cm): Click to enter text.

Method of application: Click to enter text.

Attach a separate engineering report with the water balance and storage volume calculations, method of application, irrigation efficiency, and nitrogen balance.

Attachment: Click to enter text.

B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: Click to enter text.

Attach a separate engineering report with the water balance and storage volume calculations.

Attachment: Click to enter text.

C. Evapotranspiration beds

Number of beds: <u>Click to enter text.</u>

Area of bed(s), in acres: <u>Click to enter text.</u>

Depth of bed(s), in feet: <u>Click to enter text</u>.

Void ratio of soil in the beds: <u>Click to enter text.</u>

Storage volume within the beds, in acre-feet: Click to enter text.

Attach a separate engineering report with the water balance and storage volume calculations, and a description of the lining.

Attachment: <u>Click to enter text.</u>

D. Overland flow

Area used for application, in acres: <u>Click to enter text.</u> Slopes for application area, percent (%): <u>Click to enter text.</u> Design application rate, in gpm/foot of slope width: <u>Click to enter text.</u> Slope length, in feet: <u>Click to enter text.</u>

Design BOD₅ loading rate, in lbs BOD₅/acre/day: <u>Click to enter text.</u>

Design application frequency:

hours/day: Click to enter text. And days/week: Click to enter text.

Attach a separate engineering report with the method of application and design requirements according to *30 TAC Chapter 217.*

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 73)

Is the facility subject to 30 TAC Chapter 213, Edwards Aquifer Rules?

🗆 Yes 🗆 No

If yes, is the facility located on the Edwards Aquifer Recharge Zone?

🗆 Yes 🗆 No

If yes, attach a geological report addressing potential recharge features.

Attachment: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.2: SURFACE LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **does not meet** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System.*

Section 1. Subsurface Application (Instructions Page 74)

Identify the type of system:

- □ Conventional Gravity Drainfield, Beds, or Trenches (new systems must be less than 5,000 GPD)
- □ Low Pressure Dosing
- □ Other, specify: <u>Click to enter text.</u>

Application area, in acres: <u>Click to enter text.</u>

Area of drainfield, in square feet: <u>Click to enter text.</u>

Application rate, in gal/square foot/day: Click to enter text.

Depth to groundwater, in feet: Click to enter text.

Area of trench, in square feet: <u>Click to enter text.</u>

Dosing duration per area, in hours: <u>Click to enter text.</u>

Number of beds: <u>Click to enter text.</u>

Dosing amount per area, in inches/day: <u>Click to enter text.</u>

Infiltration rate, in inches/hour: Click to enter text.

Storage volume, in gallons: Click to enter text.

Area of bed(s), in square feet: <u>Click to enter text.</u>

Soil Classification: Click to enter text.

Attach a separate engineering report with the information required in 30 TAC § 309.20, excluding the requirements of § 309.20 b(3)(A) and (B) design analysis which may be asked for on a case by case basis. Include a description of the schedule of dosing basin rotation.

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 74)

Is the subsurface system over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

🗆 Yes 🗆 No

Is the subsurface system over the Edwards Aquifer Transition Zone as mapped by TCEQ?

🗆 Yes 🗆 No

If yes to either question, the subsurface system may be prohibited by *30 TAC §213.8*. Please call the Municipal Permits Team, at 512-239-4671, to schedule a pre-application meeting.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.3: SUBSURFACE AREA DRIP DISPERSAL (SADDS) LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** subsurface area drip dispersal system permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **meets** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System.*

Section 1. Administrative Information (Instructions Page 75)

- A. Provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the treatment facility:
- **B.** <u>Click to enter text</u>. Is the owner of the land where the treatment facility is located the same as the owner of the treatment facility?
 - 🗆 Yes 🗆 No

If **no**, provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the land where the treatment facility is located.

Click to enter text.

- C. Owner of the subsurface area drip dispersal system: Click to enter text.
- **D.** Is the owner of the subsurface area drip dispersal system the same as the owner of the wastewater treatment facility or the site where the wastewater treatment facility is located?
 - 🗆 Yes 🗆 No

If **no**, identify the names of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in Item 1.C.

Click to enter text.

- E. Owner of the land where the subsurface area drip dispersal system is located: <u>Click to</u> <u>enter text.</u>
- **F.** Is the owner of the land where the subsurface area drip dispersal system is located the same as owner of the wastewater treatment facility, the site where the wastewater treatment facility is located, or the owner of the subsurface area drip dispersal system?

🛛 Yes 🗆 No

If **no**, identify the name of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in item 1.E.

Section 2. Subsurface Area Drip Dispersal System (Instructions Page 75)

A. Type of system

- □ Subsurface Drip Irrigation
- □ Surface Drip Irrigation
- □ Other, specify: <u>Click to enter text.</u>

B. Irrigation operations

Application area, in acres: <u>Click to enter text.</u>

Infiltration Rate, in inches/hour: Click to enter text.

Average slope of the application area, percent (%): Click to enter text.

Maximum slope of the application area, percent (%): <u>Click to enter text.</u>

Storage volume, in gallons: <u>Click to enter text.</u>

Major soil series: <u>Click to enter text.</u>

Depth to groundwater, in feet: Click to enter text.

C. Application rate

Is the facility located **west** of the boundary shown in *30 TAC § 222.83* **and** also using a vegetative cover of non-native grasses over seeded with cool season grasses during the winter months (October-March)?

🗆 Yes 🗆 No

If yes, then the facility may propose a hydraulic application rate not to exceed 0.1 gal/square foot/day.

Is the facility located **east** of the boundary shown in *30 TAC § 222.83* **or** in any part of the state when the vegetative cover is any crop other than non-native grasses?

🗆 Yes 🗆 No

If **yes**, the facility must use the formula in *30 TAC §222.83* to calculate the maximum hydraulic application rate.

Do you plan to submit an alternative method to calculate the hydraulic application rate for approval by the executive director?

□ Yes □ No

Hydraulic application rate, in gal/square foot/day: Click to enter text.

Nitrogen application rate, in lbs/gal/day: Click to enter text.

D. Dosing information

Number of doses per day: <u>Click to enter text.</u>

Dosing duration per area, in hours: <u>Click to enter text.</u>

Rest period between doses, in hours: Click to enter text.

Dosing amount per area, in inches/day: Click to enter text.

Number of zones: Click to enter text.

Does the proposed subsurface drip irrigation system use tree vegetative cover as a crop?

□ Yes □ No

If **yes**, provide a vegetation survey by a certified arborist. Please call the Water Quality Assessment Team at (512) 239-4671 to schedule a pre-application meeting.

Attachment: Click to enter text.

Section 3. Required Plans (Instructions Page 75)

A. Recharge feature plan

Attach a Recharge Feature Plan with all information required in 30 TAC §222.79.

Attachment: Click to enter text.

B. Soil evaluation

Attach a Soil Evaluation with all information required in *30 TAC §222.73*.

Attachment: <u>Click to enter text.</u>

C. Site preparation plan

Attach a Site Preparation Plan with all information required in 30 TAC §222.75.

Attachment: Click to enter text.

D. Soil sampling/testing

Attach soil sampling and testing that includes all information required in *30 TAC §222.157*.

Attachment: Click to enter text.

Section 4. Floodway Designation (Instructions Page 76)

A. Site location

Is the existing/proposed land application site within a designated floodway?

🗆 Yes 🖾 No

B. Flood map

Attach either the FEMA flood map or alternate information used to determine the floodway.

Attachment: Click to enter text.

Section 5. Surface Waters in the State (Instructions Page 76)

A. Buffer Map

Attach a map showing appropriate buffers on surface waters in the state, water wells, and springs/seeps.

Attachment: Click to enter text.

B. Buffer variance request

Do you plan to request a buffer variance from water wells or waters in the state?

🗆 Yes 🗆 No

If yes, then attach the additional information required in 30 TAC § 222.81(c).

Attachment: Click to enter text.

Section 6. Edwards Aquifer (Instructions Page 76)

A. Is the SADDS located over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

🗆 Yes 🗆 No

B. Is the SADDS located over the Edwards Aquifer Transition Zone as mapped by TCEQ?

🗆 Yes 🗆 No

If yes to either question, then the SADDS may be prohibited by *30 TAC §213.8*. Please call the Municipal Permits Team at 512-239-4671 to schedule a pre-application meeting.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

The following **is required** for facilities with a permitted or proposed flow of **1.0 MGD or greater**, facilities with an approved **pretreatment** program, or facilities classified as a **major** facility. See instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 78)

For pollutants identified in Table 4.0(1), indicate the type of sample.

Grab □ Composite □

Date and time sample(s) collected: <u>Click to enter text.</u>

Table 4.0(1) -	Toxics Analysis
----------------	------------------------

Pollutant	AVG Effluent Conc. (μg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile				50
Aldrin				0.01
Aluminum				2.5
Anthracene				10
Antimony				5
Arsenic				0.5
Barium				3
Benzene				10
Benzidine				50
Benzo(a)anthracene				5
Benzo(a)pyrene				5
Bis(2-chloroethyl)ether				10
Bis(2-ethylhexyl)phthalate				10
Bromodichloromethane				10
Bromoform	A. A			10
Cadmium				1
Carbon Tetrachloride				2
Carbaryl				5
Chlordane*				0.2
Chlorobenzene				10
Chlorodibromomethane				10

Pollutant	AVG Effluent Conc. (μg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Chloroform			1	10
Chlorpyrifos				0.05
Chromium (Total)				3
Chromium (Tri) (*1)				N/A
Chromium (Hex)	1			3
Copper				2
Chrysene				5
p-Chloro-m-Cresol		-		10
4,6-Dinitro-o-Cresol				50
p-Cresol				10
Cyanide (*2)				10
4,4'- DDD				0.1
4,4'- DDE				0.1
4,4'- DDT				0.02
2,4-D				0.7
Demeton (O and S)				0.20
Diazinon				0.5/0.2
1,2-Dibromoethane				10
m-Dichlorobenzene				10
o-Dichlorobenzene				10
p-Dichlorobenzene				10
3,3'-Dichlorobenzidine				5
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
Dichloromethane				20
1,2-Dichloropropane				10
1,3-Dichloropropene				10
Dicofol				1
Dieldrin				0.02
2,4-Dimethylphenol				10
Di-n-Butyl Phthalate				10
Diuron				0.09
Endosulfan I (alpha)				0.01

Pollutant	AVG Effluent Conc. (μg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan II (beta)				0.02
Endosulfan Sulfate				0.1
Endrin			1	0.02
Ethylbenzene				10
Fluoride				500
Guthion				0.1
Heptachlor				0.01
Heptachlor Epoxide				0.01
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclohexane (alpha)				0.05
Hexachlorocyclohexane (beta)				0.05
gamma-Hexachlorocyclohexane				0.05
(Lindane)				
Hexachlorocyclopentadiene				10
Hexachloroethane	1000			20
Hexachlorophene		-	-	10
Lead				0.5
Malathion				0.1
Mercury	(A)			0.005
Methoxychlor				2
Methyl Ethyl Ketone				50
Mirex	_			0.02
Nickel				2
Nitrate-Nitrogen				100
Nitrobenzene				10
N-Nitrosodiethylamine				20
N-Nitroso-di-n-Butylamine				20
Nonylphenol				333
Parathion (ethyl)				0.1
Pentachlorobenzene				20
Pentachlorophenol				5
Phenanthrene				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Polychlorinated Biphenyls (PCB's) (*3)				0.2
Pyridine				20
Selenium				5
Silver				0.5
1,2,4,5-Tetrachlorobenzene				20
1,1,2,2-Tetrachloroethane			1	10
Tetrachloroethylene				10
Thallium				0.5
Toluene				10
Toxaphene				0.3
2,4,5-TP (Silvex)				0.3
Tributyltin (see instructions for explanation)				0.01
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
2,4,5-Trichlorophenol				50
TTHM (Total Trihalomethanes)			-	10
Vinyl Chloride				10
Zinc				5

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable.

(*3) The sum of seven PCB congeners 1242, 1254, 1221, 1232, 1248, 1260, and 1016.

Section 2. Priority Pollutants

For pollutants identified in Tables 4.0(2)A-E, indicate type of sample.

Grab □ Composite □

Date and time sample(s) collected: <u>Click to enter text.</u>

Table 4.0(2)A – Metals, Cyanide, and Phenols

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Antimony				5
Arsenic				0.5
Beryllium				0.5
Cadmium				1
Chromium (Total)			6	3
Chromium (Hex)				3
Chromium (Tri) (*1)				N/A
Copper				2
Lead				0.5
Mercury				0.005
Nickel	····			2
Selenium				5
Silver		· · · · · · · · · · · · · · · · · · ·		0.5
Thallium				0.5
Zinc		<u> </u>		5
Cyanide (*2)				10
Phenols, Total				10

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrolein				50
Acrylonitrile				50
Benzene				10
Bromoform		-		10
Carbon Tetrachloride				2
Chlorobenzene		-		10
Chlorodibromomethane				10
Chloroethane				50
2-Chloroethylvinyl Ether				10
Chloroform				10
Dichlorobromomethane [Bromodichloromethane]				10
1,1-Dichloroethane				10
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
1,2-Dichloropropane				10
1,3-Dichloropropylene				10
[1,3-Dichloropropene]				
1,2-Trans-Dichloroethylene				10
Ethylbenzene				10
Methyl Bromide				50
Methyl Chloride				50
Methylene Chloride				20
1,1,2,2-Tetrachloroethane				10
Tetrachloroethylene				10
Toluene				10
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
Vinyl Chloride				10

Table 4.0(2)B – Volatile Compounds

Table 4.0(2)C – Acid Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (μg/l)
2-Chlorophenol				10
2,4-Dichlorophenol				10
2,4-Dimethylphenol				10
4,6-Dinitro-o-Cresol				50
2,4-Dinitrophenol				50
2-Nitrophenol				20
4-Nitrophenol				50
P-Chloro-m-Cresol				10
Pentalchlorophenol				5
Phenol				10
2,4,6-Trichlorophenol				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acenaphthene				10
Acenaphthylene				10
Anthracene				10
Benzidine				50
Benzo(a)Anthracene				5
Benzo(a)Pyrene				5
3,4-Benzofluoranthene			-	10
Benzo(ghi)Perylene				20
Benzo(k)Fluoranthene				5
Bis(2-Chloroethoxy)Methane				10
Bis(2-Chloroethyl)Ether				10
Bis(2-Chloroisopropyl)Ether				10
Bis(2-Ethylhexyl)Phthalate				10
4-Bromophenyl Phenyl Ether				10
Butyl benzyl Phthalate				10
2-Chloronaphthalene				10
4-Chlorophenyl phenyl ether				10
Chrysene				5
Dibenzo(a,h)Anthracene				5
1,2-(o)Dichlorobenzene				10
1,3-(m)Dichlorobenzene				10
1,4-(p)Dichlorobenzene				10
3,3-Dichlorobenzidine				5
Diethyl Phthalate				10
Dimethyl Phthalate				10
Di-n-Butyl Phthalate				10
2,4-Dinitrotoluene				10
2,6-Dinitrotoluene				10
Di-n-Octyl Phthalate				10
1,2-Diphenylhydrazine (as Azo- benzene)				20
Fluoranthene				10

Table 4.0(2)D – Base/Neutral Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Fluorene			-	10
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclo-pentadiene				10
Hexachloroethane				20
Indeno(1,2,3-cd)pyrene				5
Isophorone				10
Naphthalene				10
Nitrobenzene				10
N-Nitrosodimethylamine				50
N-Nitrosodi-n-Propylamine				20
N-Nitrosodiphenylamine				20
Phenanthrene				10
Pyrene				10
1,2,4-Trichlorobenzene				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Aldrin			1.000	0.01
alpha-BHC (Hexachlorocyclohexane)				0.05
beta-BHC (Hexachlorocyclohexane)			1	0.05
gamma-BHC (Hexachlorocyclohexane)				0.05
delta-BHC (Hexachlorocyclohexane)				0.05
Chlordane	5			0.2
4,4-DDT				0.02
4,4-DDE				0.1
4,4,-DDD				0.1
Dieldrin				0.02
Endosulfan I (alpha)				0.01
Endosulfan II (beta)			1	0.02
Endosulfan Sulfate				0.1
Endrin				0.02
Endrin Aldehyde				0.1
Heptachlor				0.01
Heptachlor Epoxide				0.01
PCB-1242				0.2
PCB-1254				0.2
PCB-1221				0.2
PCB-1232				0.2
PCB-1248				0.2
PCB-1260				0.2
PCB-1016				0.2
Toxaphene			10.00	0.3

Table 4.0(2)E - Pesticides

* For PCBS, if all are non-detects, enter the highest non-detect preceded by a "<".

Section 3. Dioxin/Furan Compounds

- **A.** Indicate which of the following compounds from may be present in the influent from a contributing industrial user or significant industrial user. Check all that apply.
 - 2,4,5-trichlorophenoxy acetic acid
 Common Name 2,4,5-T, CASRN 93-76-5
 - 2-(2,4,5-trichlorophenoxy) propanoic acid
 Common Name Silvex or 2,4,5-TP, CASRN 93-72-1
 - 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate
 Common Name Erbon, CASRN 136-25-4
 - 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate
 Common Name Ronnel, CASRN 299-84-3
 - 2,4,5-trichlorophenolCommon Name TCP, CASRN 95-95-4
 - □ hexachlorophene

Common Name HCP, CASRN 70-30-4

For each compound identified, provide a brief description of the conditions of its/their presence at the facility.

Click to enter text.

- **B.** Do you know or have any reason to believe that 2,3,7,8 Tetrachlorodibenzo-P-Dioxin (TCDD) or any congeners of TCDD may be present in your effluent?
 - □ Yes □ No

If yes, provide a brief description of the conditions for its presence.

C. If any of the compounds in Subsection A or B are present, complete Table 4.0(2)F.

For pollutants identified in Table 4.0(2)F, indicate the type of sample.

Grab □ Composite □

Date and time sample(s) collected: <u>Click to enter text.</u>

Table 4.0(2)F – Dioxin/Furan Compounds

Compound	Toxic Equivalenc y Factors	Wastewater Concentration (ppq)	Wastewater Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Equivalents (ppt)	MAL (ppq)
2,3,7,8 TCDD	1					10
1,2,3,7,8 PeCDD	0,5					50
2,3,7,8 HxCDDs	0,1					50
1,2,3,4,6,7,8 HpCDD	0.01					50
2,3,7,8 TCDF	0.1					10
1,2,3,7,8 PeCDF	0.05			-		50
2,3,4,7,8 PeCDF	0.5					50
2,3,7,8 HxCDFs	0.1					50
2,3,4,7,8 HpCDFs	0.01					50
OCDD	0.0003					100
OCDF	0.0003					100
PCB 77	0.0001					0.5
PCB 81	0.0003					0.5
PCB 126	0.1					0.5
PCB 169	0.03					0.5
Total						

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

The following **is required** for facilities with a current operating design flow of**1.0 MGD or greater**, with an EPA-approved **pretreatment** program (or those required to have one under 40 CFR Part 403), or are required to perform Whole Effluent Toxicity testing. See instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests (Instructions Page 88)

Indicate the number of 7-day chronic or 48-hour acute Whole Effluent Toxicity (WET) tests performed in the four and one-half years prior to submission of the application.

7-day Chronic: Click to enter text.

48-hour Acute: <u>Click to enter text.</u>

Section 2. Toxicity Reduction Evaluations (TREs)

Has this facility completed a TRE in the past four and a half years? Or is the facility currently performing a TRE?

🗆 Yes 🗆 No

If yes, describe the progress to date, if applicable, in identifying and confirming the toxicant.

Section 3. Summary of WET Tests

If the required biomonitoring test information has not been previously submitted via both the Discharge Monitoring Reports (DMRs) and the Table 1 (as found in the permit), provide a summary of the testing results for all valid and invalid tests performed over the past four and one-half years. Make additional copies of this table as needed.

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal
			1

Table 5.0(1) Summary of WET Tests

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

Section 1. All POTWs (Instructions Page 89)

A. Industrial users (IUs)

Provide the number of each of the following types of industrial users (IUs) that discharge to your POTW and the daily flows from each user. See the Instructions for definitions of Categorical IUs, Significant IUs – non-categorical, and Other IUs.

If there are no users, enter 0 (zero).

Categorical IUs:

Number of IUs: Click to enter text.

Average Daily Flows, in MGD: Click to enter text.

Significant IUs - non-categorical:

Number of IUs: Click to enter text.

Average Daily Flows, in MGD: Click to enter text.

Other IUs:

Number of IUs: Click to enter text.

Average Daily Flows, in MGD: Click to enter text.

B. Treatment plant interference

In the past three years, has your POTW experienced treatment plant interference (see instructions)?

🗆 Yes 🗆 No

If yes, identify the dates, duration, description of interference, and probable cause(s) and possible source(s) of each interference event. Include the names of the IUs that may have caused the interference.

C. Treatment plant pass through

In the past three years, has your POTW experienced pass through (see instructions)?

🗆 Yes 🗆 No

If yes, identify the dates, duration, a description of the pollutants passing through the treatment plant, and probable cause(s) and possible source(s) of each pass through event. Include the names of the IUs that may have caused pass through.

Click to enter text.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

🗆 Yes 🗆 No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

🗆 Yes 🗆 No

If yes, complete Section 2.c. and 2.d. only, and skip Section 3.

If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user.

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90)

A. Substantial modifications

Have there been any **substantial modifications** to the approved pretreatment program that have not been submitted to the TCEQ for approval according to *40 CFR §403.18*?

🗆 Yes 🗆 No

If yes, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.

B. Non-substantial modifications

Have there been any **non-substantial modifications** to the approved pretreatment program that have not been submitted to TCEQ for review and acceptance?

🗆 Yes 🗆 No

If yes, identify all non-substantial modifications that have not been submitted to TCEQ, including the purpose of the modification.

Click to enter text.		

C. Effluent parameters above the MAL

In Table 6.0(1), list all parameters measured above the MAL in the POTW's effluent monitoring during the last three years. Submit an attachment if necessary.

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date
		-		

D. Industrial user interruptions

Has any SIU, CIU, or other IU caused or contributed to any problems (excluding interferences or pass throughs) at your POTW in the past three years?

🗆 Yes 🗆 No

If yes, identify the industry, describe each episode, including dates, duration, description of the problems, and probable pollutants.

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 90)

A. General information

Company Name: <u>Click to enter text.</u>

SIC Code: <u>Click to enter text.</u>

Contact name: <u>Click to enter text.</u>

Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Telephone number: <u>Click to enter text.</u>

Email address: Click to enter text.

B. Process information

Describe the industrial processes or other activities that affect or contribute to the SIU(s) or CIU(s) discharge (i.e., process and non-process wastewater).

Click to enter text.

C. Product and service information

Provide a description of the principal product(s) or services performed.

Click to enter text.			
	 0.00		

D. Flow rate information

See the Instructions for definitions of "process" and "non-process wastewater."

Process Wastewater:

Discharge, in gallons/day: <u>Click to enter text.</u>

Discharge Type:
Continuous
Batch
Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: <u>Click to enter text.</u>

Discharge Type: □ Continuous □ Batch □ Intermittent

E. Pretreatment standards

Is the SIU or CIU subject to technically based local limits as defined in the *i*nstructions?

🗆 Yes 🖾 No

Is the SIU or CIU subject to categorical pretreatment standards found in 40 CFR Parts 405-471?

🗆 Yes 🗆 No

If subject to categorical pretreatment standards, indicate the applicable category and subcategory for each categorical process.

Category: Subcategories: Click to enter text.

Click or tap here to enter text. Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: <u>Click to enter text.</u>

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

F. Industrial user interruptions

Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years?

🗆 Yes 🗆 No

If yes, identify the SIU, describe each episode, including dates, duration, description of problems, and probable pollutants.

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

TCEQ IUC Permits Team Radioactive Materials Division MC-233 PO Box 13087 Austin, Texas 78711-3087 512-239-6466

For TCEQ Use Only
Reg. No
Date Received
Date Authorized

Section 1. General Information (Instructions Page 92)

1. TCEQ Program Area

Program Area (PST, VCP, IHW, etc.): Click to enter text.

Program ID: <u>Click to enter text.</u>

Contact Name: Click to enter text.

Phone Number: Click to enter text.

2. Agent/Consultant Contact Information

Contact Name: <u>Click to enter text.</u> Address: <u>Click to enter text.</u> City, State, and Zip Code: <u>Click to enter text.</u> Phone Number: <u>Click to enter text.</u>

3. Owner/Operator Contact Information

□ Owner □ Operator Owner/Operator Name: <u>Click to enter text.</u> Contact Name: <u>Click to enter text.</u> Address: <u>Click to enter text.</u> City, State, and Zip Code: <u>Click to enter text.</u> Phone Number: Click to enter text.

4. Facility Contact Information

Facility Name: <u>Click to enter text.</u>
Address: <u>Click to enter text.</u>
City, State, and Zip Code: <u>Click to enter text.</u>
Location description (if no address is available): <u>Click to enter text.</u>
Facility Contact Person: <u>Click to enter text.</u>
Phone Number: Click to enter text.

5. Latitude and Longitude, in degrees-minutes-seconds

Latitude: <u>Click to enter text.</u> Longitude: <u>Click to enter text.</u> Method of determination (GPS, TOPO, etc.): <u>Click to enter text.</u> Attach topographic quadrangle map as attachment A.

6. Well Information

Type of Well Construction, select one:

- Vertical Injection
- □ Subsurface Fluid Distribution System
- □ Infiltration Gallery
- Temporary Injection Points
- □ Other, Specify: <u>Click to enter text.</u>

Number of Injection Wells: <u>Click to enter text.</u>

7. Purpose

Detailed Description regarding purpose of Injection System:

Click to enter text.

Attach a Site Map as Attachment B (Attach the Approved Remediation Plan, if appropriate.)

8. Water Well Driller/Installer

Water Well Driller/Installer Name: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text.

License Number: <u>Click to enter text.</u>

Section 2. Proposed Down Hole Design

Attach a diagram signed and sealed by a licensed engineer as Attachment C.

Table 7.0(1) - Down Hole Design Table

Name of String	Size	Setting Depth	Sacks Cement/Grout – Slurry Volume – Top of Cement	Hole Size	Weight (lbs/ft) PVC/Steel
Casing					
Tubing					
Screen					

Section 3. Proposed Trench System, Subsurface Fluid Distribution System, or Infiltration Gallery

Attach a diagram signed and sealed by a licensed engineer as Attachment D.

System(s) Dimensions: Click to enter text.

System(s) Construction: Click to enter text.

Section 4. Site Hydrogeological and Injection Zone Data

- 1. Name of Contaminated Aquifer: <u>Click to enter text.</u>
- 2. Receiving Formation Name of Injection Zone: <u>Click to enter text.</u>
- 3. Well/Trench Total Depth: <u>Click to enter text.</u>
- 4. Surface Elevation: <u>Click to enter text.</u>
- 5. Depth to Ground Water: <u>Click to enter text.</u>
- 6. Injection Zone Depth: <u>Click to enter text.</u>

Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:

Name: Click to enter text.

Thickness: Click to enter text.

- 8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer Attach as Attachment E.
- **9.** Horizontal and Vertical extent of contamination and injection plume Attach as Attachment F.
- **10.** Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc. Attach as Attachment G.
- **11.** Injection Fluid Chemistry in PPM at point of injection Attach as Attachment H.
- 12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: <u>Click to enter text.</u>
- 13. Maximum injection Rate/Volume/Pressure: <u>Click to enter text.</u>
- 14. Water wells within 1/4 mile radius (attach map as Attachment I): Click to enter text.
- **15.** Injection wells within 1/4 mile radius (attach map as Attachment J): <u>Click to enter</u> <u>text.</u>
- **16.** Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): <u>Click to enter text.</u>
- 17. Sampling frequency: <u>Click to enter text.</u>
- 18. Known hazardous components in injection fluid: <u>Click to enter text.</u>

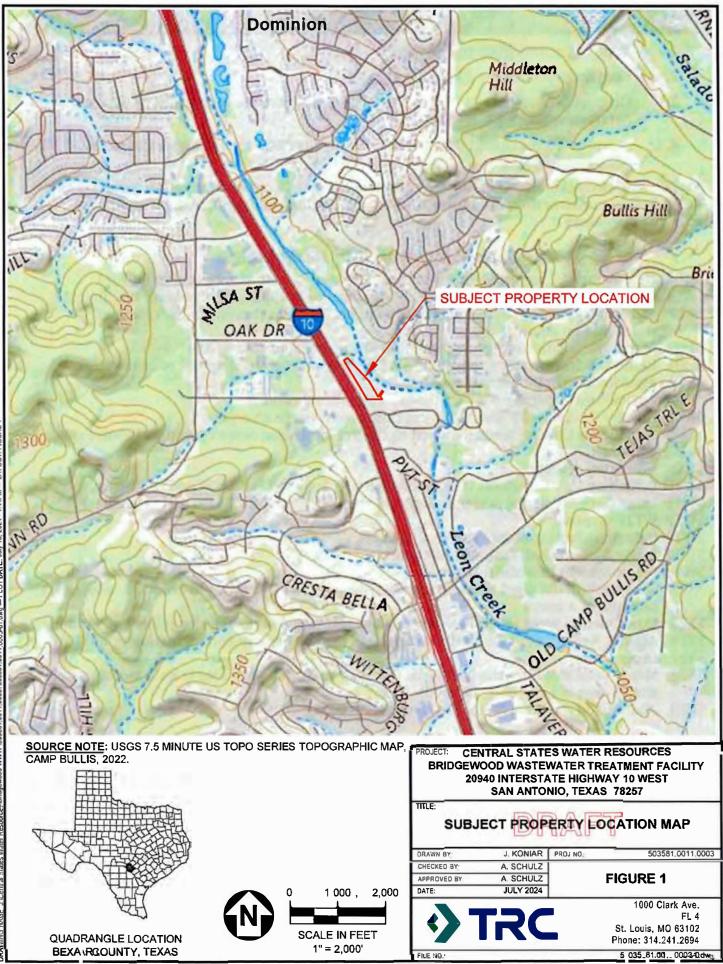
Section 5. Site History

- 1. Type of Facility: <u>Click to enter text.</u>
- 2. Contamination Dates: <u>Click to enter text.</u>
- **3.** Original Contamination (VOCs, TPH, BTEX, etc.) and Concentrations (attach as Attachment L): <u>Click to enter text.</u>
- 4. Previous Remediation (attach results of any previous remediation as attachment M): <u>Click to enter text.</u>

NOTE: Authorization Form should be completed in detail and authorization given by the TCEQ before construction, operation, and/or conversion can begin. Attach additional pages as necessary.

Class V Injection Well Designations

- 5A07 Heat Pump/AC return (IW used for groundwater to heat and/or cool buildings)
- 5A19 Industrial Cooling Water Return Flow (IW used to cool industrial process equipment)
- 5B22 Salt Water Intrusion Barrier (IW used to inject fluids to prevent the intrusion of salt water into an aquifer)
- 5D02 Storm Water Drainage (IW designed for the disposal of rain water)
- 5D04 Industrial Stormwater Drainage Wells (IW designed for the disposal of rain water associated with industrial facilities)
- 5F01 Agricultural Drainage (IW that receive agricultural runoff)
- 5R21 Aquifer Recharge (IW used to inject fluids to recharge an aquifer)
- 5S23 Subsidence Control Wells (IW used to control land subsidence caused by ground water withdrawal)
- 5W09 Untreated Sewage
- 5W10 Large Capacity Cesspools (Cesspools that are designed for 5,000 gpd or greater)
- 5W11 Large Capacity Septic systems (Septic systems designed for 5,000 gpd or greater)
- 5W12 WTTP disposal
- 5W20 Industrial Process Waste Disposal Wells
- 5W31 Septic System (Well Disposal method)
- 5W32 Septic System Drainfield Disposal
- 5X13 Mine Backfill (IW used to control subsidence, dispose of mining byproducts, and/or fill sections of a mine)
- 5X25 Experimental Wells (Pilot Test) (IW used to test new technologies or tracer dye studies)
- 5X26 Aquifer Remediation (IW used to clean up, treat, or prevent contamination of a USDW)
- 5X27 Other Wells
- 5X28 Motor Vehicle Waste Disposal Wells (IW used to dispose of waste from a motor vehicle site These are currently banned)
- 5X29 Abandoned Drinking Water Wells (waste disposal)

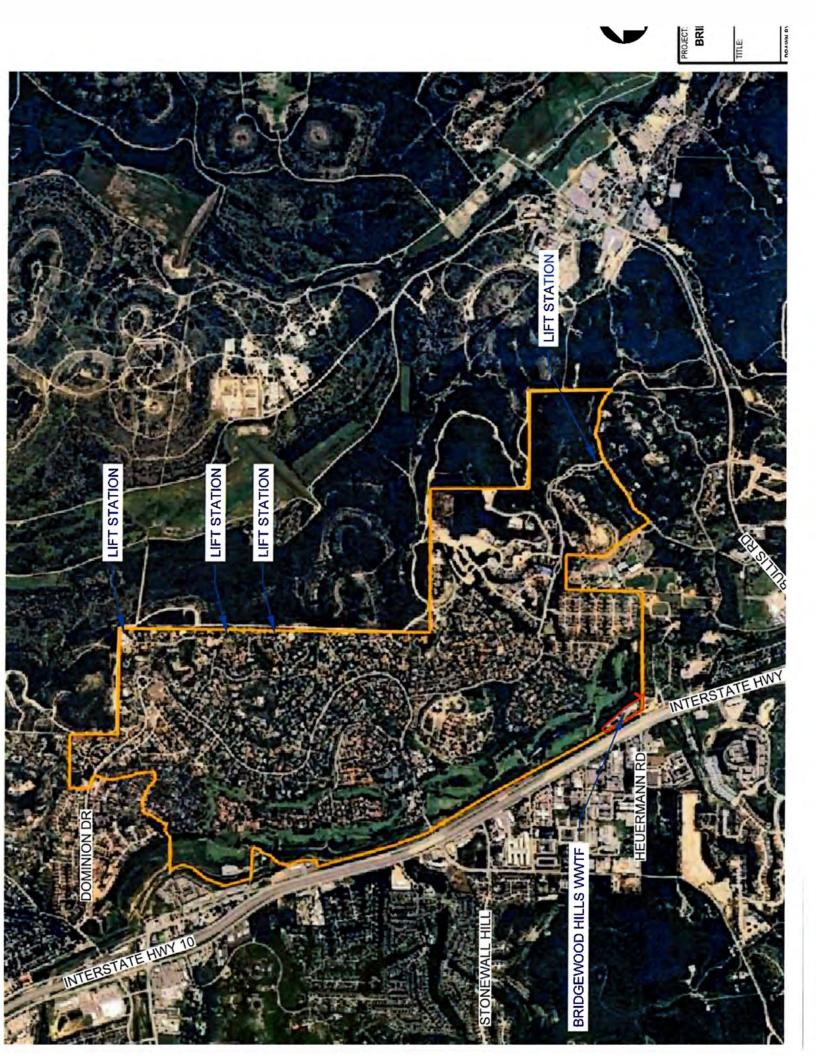


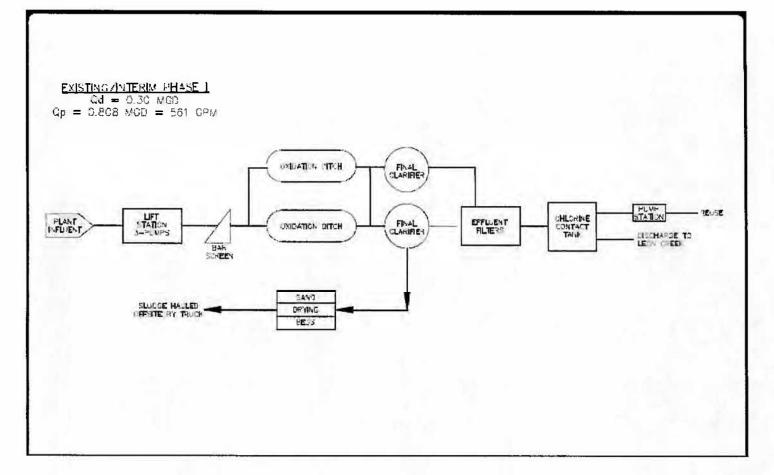
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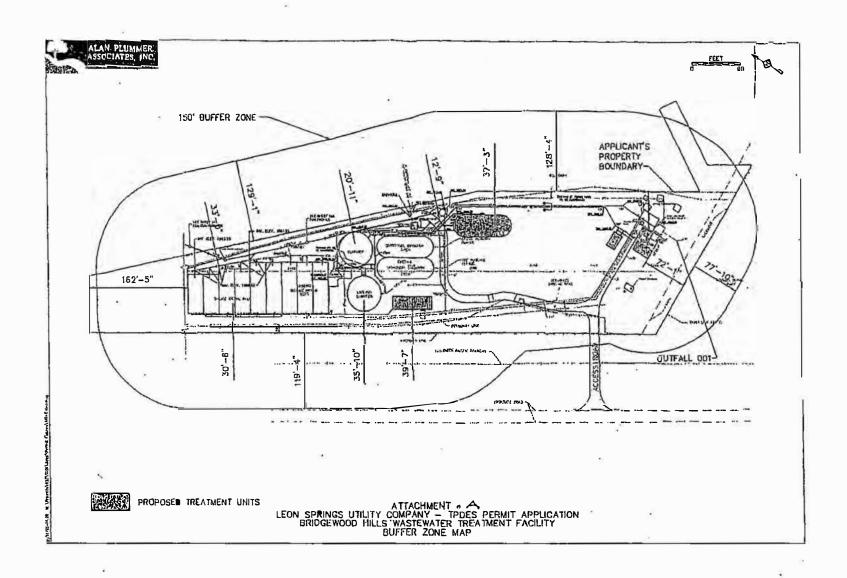


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February 3, 2025

Francesca Findlay Application Review and Processing Team (MC148) Water Quality Division Texas Commission Environmental Quality

Subject: NODI – Renewal Application - Bridgewood Hills WWTP Q0014376001 CN605844786; RN103145603

Submitted via email - <u>francesca.findlay@tceq.texas.gov</u>

Ms. Findlay -

In response to your notice of deficiencies dated January 21, 2025 we provide the following information.

- Payment was made by credit card the receipt was included with the application.
 - Trace Number: 582EA000645126
 - o Date: 01/17/2025 10:37 AM
- Administrative Report 1.0 Section 4 address provided in the updated application attached to this email.
- Administrative Report 1.0 Section 8 I am not sure of the answers to these questions because I have not completed the necessary demographic research. We assume that bilingual notice is required in this location and will proceed as if the answers were yes.
- The Plain Language Summary is included here as Attachment 1.
- The Map is included here as Attachment 2.
- The portion of the NORI included in your letter lists the average daily flow as 800,000 gallons per day (gpd). The 800,000 gpd is actually peak flow, average daily flows were around 190,000 gpd in 2024 and the design flow for this phase is 300,000 gpd. I believe the design flow is more representative of current conditions.
- The completed Spanish NORI will be emailed in (Word format) to you with this submittal.

We appreciate the Texas Commission on Environmental Quality's assistance with permit renewals for CSWR-Texas facilities throughout the state. If you have any questions regarding this submittal, please reach out to me directly at 314-464-3976 or <u>msappington@cswrgroup.com</u>.

Sincerely,

Mandy Sappington

EHS Compliance Manager Central States Water Resources





ATTACHMENT 1







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.

CSWR-Texas Utility Operating Company, LLC (CN605844786) opera Bridgewood Hills WWTP RN103145603, una Planta de tratamiento de aguas residuales domésticas. La instalación es ubicado 20940 Frontage Road., en San Antonio, Condado de Bexar, Texas 78257. Renovación para descargar no más de 0.8 millones de galones por día de aguas residuales domésticas a través del Vertedero 001.

Se espera que las descargas de la instalación contengan Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), amoníaco, E. coli, pH, and Total Residual Clorina. Las aguas residuales descargadas aquí incluyen aguas residuales domésticas. El agua es tratada mediante una criba de rejas, dos zanjas de oxidación, un clarificador final, filtración, desinfección y evacuación de lodos a tres lechos de secado.

DOMESTIC WASTEWATER

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

CSWR-Texas Utility Operating Company, LLC (CN605844786) operates Bridgewood Hills WWTP RN103145603, a Domestic Wastewater Treatment Plant. The facility is located 20940 Frontage Road., in San Antonio, Bexar County, Texas 78257. Renewal to discharge no more than 0.8 million gallons per day of domestic wastewater through Outfall 001.

Discharges from the facility are expected to contain Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), ammonia, E. coli, pH, and Total Residual Chlorine. Wastewater discharged here includes domestic wastewater. The water is treated using a mesh screen, two oxidation ditches, a final clarifier, filtration, disinfection and sludge is removed to three drying beds.

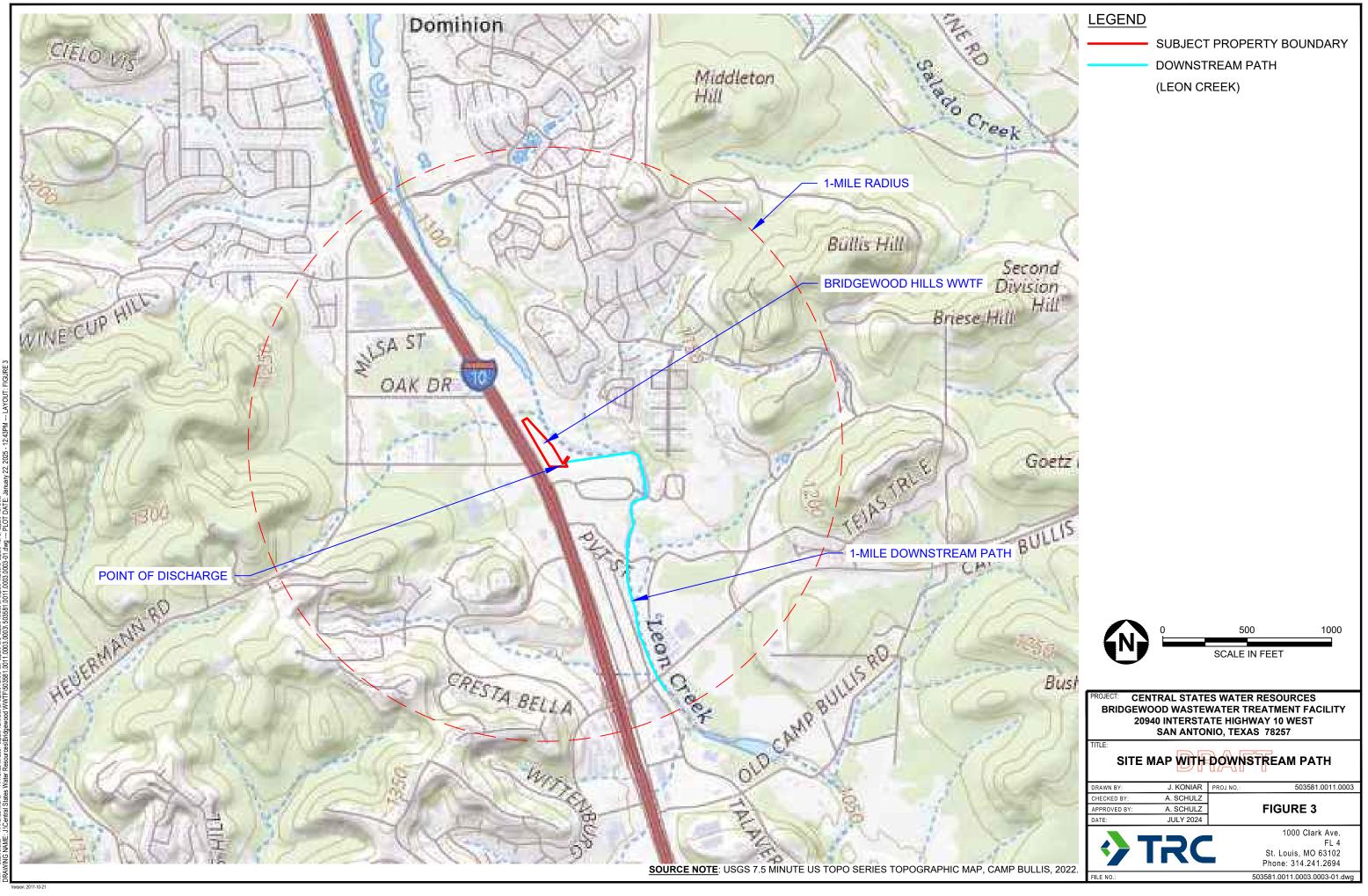


ATTACHMENT 2









Francesca Findlay

From:	Mandy Sappington <msappington@cswrgroup.com></msappington@cswrgroup.com>		
Sent:	Monday, February 3, 2025 2:06 PM		
То:	Francesca Findlay		
Cc:	Isabel Sassen		
Subject:	NODI – Renewal Application - Bridgewood Hills WWTP Q0014376001		
Attachments:	25.01.31 Bridgewood TX0090603 Signed_final reduced.pdf; 25.02.03 Bridgewood		
	WQ0014376001 NODI Cover Letter.pdf; 25.02.03 Bridgewood WQ0014376001 NORI esp draft.docx		

Francesca -

I think I have attached everything you requested. Do we need to send paper copies of the attached items as well?

Please let me know if there is anything else I can provide.

Thank you Mandy



Amanda Sappington EHS Compliance Manager Email: <u>msappington@cswrgroup.com</u> (314) 464-3976 ADDRESS: 1630 Des Peres Rd., Ste. 140, Des Peres, MO 63131 <u>www.centralstateswaterresources.com</u>

Francesca Findlay

From:	Mandy Sappington <msappington@cswrgroup.com></msappington@cswrgroup.com>		
Sent:	Monday, February 3, 2025 2:06 PM		
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