TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how you will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements. After filling in the information for your facility delete these instructions.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package.** For your convenience, a Spanish template has been provided below.

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS 'DOMESTIC' WASTEWATER/STORMWATER

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

City of Mathis (CN600241459) operates the City of Mathis wastewater treatment plant (RN102075181), a activated sludge process plant operated in the extended aeration mode. The facility is located at approximately 1.25 miles northwest of the intersection of Farm-to-Market Road 666 and Farm-to-Market Road 1068, in Mathis, San Patricio County, Texas 78368. This application is for a renewal permit to discharge at a daily average flow of .59 million gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the

treatment units will include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber..

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0010015001

APPLICATION. City of Mathis, 411 East San Patricio Avenue, Mathis, Texas 78368, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010015001 (EPA I.D. No. TX0020419) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 947,000 gallons per day. The domestic wastewater treatment facility is located approximately 1.25 miles northwest of the intersection of Farm-to-Market Road 666 and Farm-to-Market Road 1068, in the city of Mathis, in San Patricio County, Texas 78368. The discharge route is from the plant site to a ditch; thence to an unnamed reservoir; thence to an unnamed tributary; thence to Lake Corpus Christi. TCEQ received this application on January 30, 2025. The permit application will be available for viewing and copying at Mathis City Hall, 411 East San Patricio Avenue, Mathis, in San Patricio 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: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. 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=-97.846111,28.105277&level=18

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 www.tceq.texas.gov/goto/cid. 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 **https://www14.tceq.texas.gov/epic/eComment/**, 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 www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from City of Mathis at the address stated above or by calling Mr. Charles Robert Tafolla Jr., Public Works Director, at 361-547-3343.

Issuance Date: February 24, 2025

Texas Commission on Environmental Quality

NOTICE OF APPLICATION AND PRELIMINARY DECISION FOR TPDES PERMIT FOR MUNICIPAL WASTEWATER

RENEWAL

PERMIT NO. WQ0010015001

APPLICATION AND PRELIMINARY DECISION. City of Mathis, 411 East San Patricio Avenue, Mathis, Texas 78368, has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010015001 which authorizes the discharge of treated domestic wastewater at a daily average flow not to exceed 947,000 gallons per day. TCEQ received this application on January 30, 2025.

The facility is located approximately 1.25 miles northwest of the intersection of Farm-to-Market Road 666 and Farm-to-Market Road 1068, near the City of Mathis, San Patricio County, Texas 78368. The treated effluent is discharged to a ditch, thence to an unnamed reservoir, thence to an unnamed tributary, thence to Lake Corpus Christi in Segment No. 2103 of the Nueces River Basin. The unclassified receiving water uses are minimal aquatic life use for the ditch and the unnamed tributary, and limited aquatic life use for the unnamed reservoir. The designated uses for Segment No. 2103 are primary contact recreation, public water supply, and high aquatic life use. All determinations are preliminary and subject to additional review and/or revisions. This link to an electronic map of the site or facility's general location is provided as a public courtesy and is not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.846111,28.105277&level=18

The TCEQ Executive Director has completed the technical review of the application and prepared a draft permit. The draft permit, if approved, would establish the conditions under which the facility must operate. The Executive Director has made a preliminary decision that this permit, if issued, meets all statutory and regulatory requirements. The permit application, Executive Director's preliminary decision, and draft permit are available for viewing and copying at Mathis City Hall, 411 East San Patricio Avenue, Mathis, in San Patricio County, Texas. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications.

PUBLIC COMMENT / PUBLIC MEETING. **You may submit public comments or request a public meeting about this application.** The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ holds 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 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 a contested case hearing or reconsideration of the Executive Director's decision**. A contested case hearing is a legal proceeding similar to a civil trial in a 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.**

EXECUTIVE DIRECTOR ACTION. The Executive Director may issue final approval of the application unless a timely contested case hearing request or request for reconsideration is filed. If a timely hearing request or request for reconsideration is filed, the Executive Director will not issue final approval of the permit and will forward the application and request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

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.

All written public comments and public meeting requests must be submitted to the Office of the Chief Clerk, MC 105, Texas Commission on Environmental Quality, P.O. Box 13087, Austin, TX 78711-3087 or electronically at www.tceq.texas.gov/goto/comment **within 30 days from the date of newspaper publication of this notice.**

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

AGENCY CONTACTS AND INFORMATION. Public comments and requests must be submitted either electronically at www.tceq.texas.gov/goto/comment, 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. Any personal information you submit to the TCEQ will become part of the agency's record; this includes email addresses. 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 www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from City of Mathis at the address stated above or by calling Mr. Charles Robert Tafolla, Jr., P.E., Public Works Director, at 361-547-3343.

Issuance Date: June 17, 2025

TPDES PERMIT NO.
WQ0010015001
[For TCEQ office use only - EPA I.D. No. TX0020419]

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

This is a renewal that replaces TPDES Permit No. WQ0010015001 issued on July 9, 2020.

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

City of Mathis

whose mailing address is

411 East San Patricio Avenue
Mathis, Texas 78368

is authorized to treat and discharge wastes from the City of Mathis Wastewater Treatment Facility, SIC Code 4952

located approximately 1.25 miles northwest of the intersection of Farm-to-Market Road 666 and Farm-to-Market Road 1068, near the City of Mathis, San Patricio County, Texas 78368

to a ditch, thence to an unnamed reservoir, thence to an unnamed tributary, thence to Lake Corpus Christi in Segment No. 2103 of the Nueces River Basin

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

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

ISSUED DATE:

For the Commission

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS Outfall Number 001

1. During the period beginning upon the date of issuance and lasting through the date of expiration, the permittee is authorized to discharge subject to the following effluent limitations:

   The daily average flow of effluent shall not exceed 0.947 million gallons per day (MGD), nor shall the average discharge during any two-hour period (2-hour peak) exceed 1,688 gallons per minute.

Effluent Characteristic	Discharge Limitations				Min. Self-Monitoring Requirements	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Daily Max. Measurement Frequency	Sample Type
Flow, MGD	Report	N/A	Report	N/A	Continuous	Totalizing Meter
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (79)	15	25	35	One/week	Composite
Total Suspended Solids	15 (118)	25	40	60	One/week	Composite
Ammonia Nitrogen	3 (24)	6	10	15	One/week	Composite
E. coli, colony-forming units or most probable number per 100 ml	126	N/A	399	N/A	Two/month	Grab

2. The effluent shall contain a total chlorine residual of at least 1.0 mg/l and shall not exceed a total chlorine residual of 4.0 mg/l after a detention time of at least 20 minutes (based on peak flow), and shall be monitored daily by grab sample. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.

3. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored twice per month by grab sample.

4. There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.

5. Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.

6. The effluent shall contain a minimum dissolved oxygen of 5.0 mg/l and shall be monitored once per week by grab sample.

DEFINITIONS AND STANDARD PERMIT CONDITIONS

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

1. Flow Measurements

    a. Annual average flow - the arithmetic average of all daily flow determinations taken within the preceding 12 consecutive calendar months. The annual average flow determination shall consist of daily flow volume determinations made by a totalizing meter, charted on a chart recorder and limited to major domestic wastewater discharge facilities with one million gallons per day or greater permitted flow.

    b. Daily average flow - the arithmetic average of all determinations of the daily flow within a period of one calendar month. The daily average flow determination shall consist of determinations made on at least four separate days. If instantaneous measurements are used to determine the daily flow, the determination shall be the arithmetic average of all instantaneous measurements taken during that month. Daily average flow determination for intermittent discharges shall consist of a minimum of three flow determinations on days of discharge.

    c. Daily maximum flow - the highest total flow for any 24-hour period in a calendar month.

    d. Instantaneous flow - the measured flow during the minimum time required to interpret the flow measuring device.

    e. 2-hour peak flow (domestic wastewater treatment plants) - the maximum flow sustained for a two-hour period during the period of daily discharge. The average of multiple measurements of instantaneous maximum flow within a two-hour period may be used to calculate the 2-hour peak flow.

    f. Maximum 2-hour peak flow (domestic wastewater treatment plants) - the highest 2-hour peak flow for any 24-hour period in a calendar month.

2. Concentration Measurements

    a. Daily average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar month, consisting of at least four separate representative measurements.

        i. For domestic wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values in the previous four consecutive month period consisting of at least four measurements shall be utilized as the daily average concentration.

ii. For all other wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values taken during the month shall be utilized as the daily average concentration.

b. 7-day average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar week, Sunday through Saturday.

c. Daily maximum concentration - the maximum concentration measured on a single day, by the sample type specified in the permit, within a period of one calendar month.

d. Daily discharge - the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the sampling day.

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

e. Bacteria concentration (*E. coli* or Enterococci) - Colony Forming Units (CFU) or Most Probable Number (MPN) of bacteria per 100 milliliters effluent. The daily average bacteria concentration is a geometric mean of the values for the effluent samples collected in a calendar month. The geometric mean shall be determined by calculating the nth root of the product of all measurements made in a calendar month, where n equals the number of measurements made; or, computed as the antilogarithm of the arithmetic mean of the logarithms of all measurements made in a calendar month. For any measurement of bacteria equaling zero, a substituted value of one shall be made for input into either computation method. If specified, the 7-day average for bacteria is the geometric mean of the values for all effluent samples collected during a calendar week.

f. Daily average loading (lbs/day) - the arithmetic average of all daily discharge loading calculations during a period of one calendar month. These calculations must be made for each day of the month that a parameter is analyzed. The daily discharge, in terms of mass (lbs/day), is calculated as (Flow, MGD x Concentration, mg/l x 8.34).

g. Daily maximum loading (lbs/day) - the highest daily discharge, in terms of mass (lbs/day), within a period of one calendar month.

3. Sample Type

a. Composite sample - For domestic wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (a). For industrial wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (b).

b. Grab sample - an individual sample collected in less than 15 minutes.

4. Treatment Facility (facility) - wastewater facilities used in the conveyance, storage, treatment, recycling, reclamation and/or disposal of domestic sewage, industrial wastes, agricultural wastes, recreational wastes, or other wastes including sludge handling or disposal facilities under the jurisdiction of the Commission.

5. The term “sewage sludge” is defined as solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in 30 TAC Chapter 312. This includes the solids that have not been classified as hazardous waste separated from wastewater by unit processes.

6. The term “biosolids” is defined as sewage sludge that has been tested or processed to meet Class A, Class AB, or Class B pathogen standards in 30 TAC Chapter 312 for beneficial use.

7. Bypass - the intentional diversion of a waste stream from any portion of a treatment facility.

MONITORING AND REPORTING REQUIREMENTS

1. Self-Reporting

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

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

2. Test Procedures

a. Unless otherwise specified in this permit, test procedures for the analysis of pollutants shall comply with procedures specified in 30 TAC §§ 319.11 - 319.12. Measurements, tests, and calculations shall be accurately accomplished in a representative manner.

b. All laboratory tests submitted to demonstrate compliance with this permit must meet the requirements of 30 TAC § 25, Environmental Testing Laboratory Accreditation and Certification.

3. Records of Results

a. Monitoring samples and measurements shall be taken at times and in a manner so as to be representative of the monitored activity.

b. Except for records of monitoring information required by this permit related to the permittee's sewage sludge or biosolids use and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503), monitoring and reporting records, including strip charts and records of calibration and maintenance, copies of all records required by this permit, records of all data used to complete the application for this permit, and the certification required by 40 CFR § 264.73(b)(9) shall be retained at the facility site, or shall be readily available for review by a TCEQ representative for a period of three years from the date of the record or sample, measurement, report, application or certification. This period shall be extended at the request of the Executive Director.

c. Records of monitoring activities shall include the following:

i. date, time and place of sample or measurement;

ii. identity of individual who collected the sample or made the measurement.

iii. date and time of analysis;

iv. identity of the individual and laboratory who performed the analysis;

v. the technique or method of analysis; and

vi. the results of the analysis or measurement and quality assurance/quality control records.

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

4. Additional Monitoring by Permittee

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

5. Calibration of Instruments

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

6. Compliance Schedule Reports

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of the permit shall be submitted no later than 14 days following each schedule date to the Regional Office and the Enforcement

Division (MC 224).

7. Noncompliance Notification

   a. In accordance with 30 TAC § 305.125(9) any noncompliance which may endanger human health or safety, or the environment shall be reported by the permittee to the TCEQ. Except as allowed by 30 TAC § 305.132, report of such information shall be provided orally or by facsimile transmission (FAX) to the Regional Office within 24 hours of becoming aware of the noncompliance. A written submission of such information shall also be provided by the permittee to the Regional Office and the Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. For Publicly Owned Treatment Works (POTWs), effective December 21, 2025, the permittee must submit the written report for unauthorized discharges and unanticipated bypasses that exceed any effluent limit in the permit using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.

   b. The following violations shall be reported under Monitoring and Reporting Requirement 7.a.:

      i. Unauthorized discharges as defined in Permit Condition 2(g).

      ii. Any unanticipated bypass that exceeds any effluent limitation in the permit.

      iii. Violation of a permitted maximum daily discharge limitation for pollutants listed specifically in the Other Requirements section of an Industrial TPDES permit.

   c. In addition to the above, any effluent violation which deviates from the permitted effluent limitation by more than 40% shall be reported by the permittee in writing to the Regional Office and the Enforcement Division (MC 224) within 5 working days of becoming aware of the noncompliance.

   d. Any noncompliance other than that specified in this section, or any required information not submitted or submitted incorrectly, shall be reported to the Enforcement Division (MC 224) as promptly as possible. For effluent limitation violations, noncompliances shall be reported on the approved self-report form.

8. In accordance with the procedures described in 30 TAC §§ 35.301 - 35.303 (relating to Water Quality Emergency and Temporary Orders) if the permittee knows in advance of the need for a bypass, it shall submit prior notice by applying for such authorization.

9. Changes in Discharges of Toxic Substances

   All existing manufacturing, commercial, mining, and silvicultural permittees shall notify the Regional Office, orally or by facsimile transmission within 24 hours, and both the Regional Office and the Enforcement Division (MC 224) in writing within five (5) working days, after becoming aware of or having reason to believe:

a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant listed at 40 CFR Part 122, Appendix D, Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

   i. One hundred micrograms per liter (100 μg/L);

   ii. Two hundred micrograms per liter (200 μg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 μg/L) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;

   iii. Five (5) times the maximum concentration value reported for that pollutant in the permit application; or

   iv. The level established by the TCEQ.

b. That any activity has occurred or will occur which would result in any discharge, on a nonroutine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

   i. Five hundred micrograms per liter (500 μg/L);

   ii. One milligram per liter (1 mg/L) for antimony;

   iii. Ten (10) times the maximum concentration value reported for that pollutant in the permit application; or

   iv. The level established by the TCEQ.

10. Signatories to Reports

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

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

    a. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to CWA § 301 or § 306 if it were directly discharging those pollutants;

    b. Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit; and

    c. For the purpose of this paragraph, adequate notice shall include information on:

       i. The quality and quantity of effluent introduced into the POTW; and

       ii. Any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

PERMIT CONDITIONS

1. General

    a. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in an application or in any report to the Executive Director, it shall promptly submit such facts or information.

    b. This permit is granted on the basis of the information supplied and representations made by the permittee during action on an application, and relying upon the accuracy and completeness of that information and those representations. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked, in whole or in part, in accordance with 30 TAC Chapter 305, Subchapter D, during its term for good cause including, but not limited to, the following:

        i. Violation of any terms or conditions of this permit;

        ii. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or

        iii. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

    c. The permittee shall furnish to the Executive Director, upon request and within a reasonable time, any information to determine whether cause exists for amending, revoking, suspending or terminating the permit. The permittee shall also furnish to the Executive Director, upon request, copies of records required to be kept by the permit.

2. Compliance

    a. Acceptance of the permit by the person to whom it is issued constitutes acknowledgment and agreement that such person will comply with all the terms and conditions embodied in the permit, and the rules and other orders of the Commission.

    b. The permittee has a duty to comply with all conditions of the permit. Failure to comply with any permit condition constitutes a violation of the permit and the Texas Water Code or the Texas Health and Safety Code, and is grounds for enforcement action, for permit amendment, revocation, or suspension, or for denial of a permit renewal application or an application for a permit for another facility.

    c. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

    d. The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal or other permit violation that has a reasonable likelihood of adversely affecting human health or the environment.

    e. Authorization from the Commission is required before beginning any change in the permitted facility or activity that may result in noncompliance with any permit requirements.

    f. A permit may be amended, suspended and reissued, or revoked for cause in accordance

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

g. There shall be no unauthorized discharge of wastewater or any other waste. For the purpose of this permit, an unauthorized discharge is considered to be any discharge of wastewater into or adjacent to water in the state at any location not permitted as an outfall or otherwise defined in the Other Requirements section of this permit.

h. In accordance with 30 TAC § 305.535(a), the permittee may allow any bypass to occur from a TPDES permitted facility which does not cause permitted effluent limitations to be exceeded or an unauthorized discharge to occur, but only if the bypass is also for essential maintenance to assure efficient operation.

i. The permittee is subject to administrative, civil, and criminal penalties, as applicable, under TWC §§ 7.051 - 7.075 (relating to Administrative Penalties), 7.101 - 7.111 (relating to Civil Penalties), and 7.141 - 7.202 (relating to Criminal Offenses and Penalties) for violations including, but not limited to, negligently or knowingly violating the federal CWA §§ 301, 302, 306, 307, 308, 318, or 405, or any condition or limitation implementing any sections in a permit issued under the CWA § 402, or any requirement imposed in a pretreatment program approved under the CWA §§ 402 (a)(3) or 402 (b)(8).

3. Inspections and Entry

a. Inspection and entry shall be allowed as prescribed in the TWC Chapters 26, 27, and 28, and THSC § 361.

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

4. Permit Amendment and/or Renewal

   a. The permittee shall give notice to the Executive Director as soon as possible of any planned physical alterations or additions to the permitted facility if such alterations or additions would require a permit amendment or result in a violation of permit requirements. Notice shall also be required under this paragraph when:

      i. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in accordance with 30 TAC § 305.534 (relating to New Sources and New Dischargers); or

      ii. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants that are subject neither to effluent limitations in the permit, nor to notification requirements in Monitoring and Reporting Requirements No. 9; or

      iii. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.

   b. Prior to any facility modifications, additions, or expansions that will increase the plant capacity beyond the permitted flow, the permittee must apply for and obtain proper authorization from the Commission before commencing construction.

   c. The permittee must apply for an amendment or renewal at least 180 days prior to expiration of the existing permit in order to continue a permitted activity after the expiration date of the permit. If an application is submitted prior to the expiration date of the permit, the existing permit shall remain in effect until the application is approved, denied, or returned. If the application is returned or denied, authorization to continue such activity shall terminate upon the effective date of the action. If an application is not submitted prior to the expiration date of the permit, the permit shall expire and authorization to continue such activity shall terminate.

   d. Prior to accepting or generating wastes which are not described in the permit application or which would result in a significant change in the quantity or quality of the existing discharge, the permittee must report the proposed changes to the Commission. The permittee must apply for a permit amendment reflecting any necessary changes in permit conditions, including effluent limitations for pollutants not identified and limited by this permit.

   e. In accordance with the TWC § 26.029(b), after a public hearing, notice of which shall be given to the permittee, the Commission may require the permittee, from time to time, for good cause, in accordance with applicable laws, to conform to new or additional conditions.

   f. If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under CWA § 307(a) for a toxic pollutant which is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or

prohibition. The permittee shall comply with effluent standards or prohibitions established under CWA § 307(a) for toxic pollutants within the time provided in the regulations that established those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

5. Permit Transfer

   a. Prior to any transfer of this permit, Commission approval must be obtained. The Commission shall be notified in writing of any change in control or ownership of facilities authorized by this permit. Such notification should be sent to the Applications Review and Processing Team (MC 148) of the Water Quality Division.

   b. A permit may be transferred only according to the provisions of 30 TAC § 305.64 (relating to Transfer of Permits) and 30 TAC § 50.133 (relating to Executive Director Action on Application or WQMP update).

6. Relationship to Hazardous Waste Activities

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

7. Relationship to Water Rights

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

8. Property Rights

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

9. Permit Enforceability

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

10. Relationship to Permit Application

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

11. Notice of Bankruptcy

    a. Each permittee shall notify the Executive Director, in writing, immediately following the filing of a voluntary or involuntary petition for bankruptcy under any chapter of Title 11 (Bankruptcy) of the United States Code (11 USC) by or against:

       i. the permittee;

       ii. an entity (as that term is defined in 11 USC, § 101(14)) controlling the permittee or listing the permit or permittee as property of the estate; or

iii. an affiliate (as that term is defined in 11 USC, § 101(2)) of the permittee.

b. This notification must indicate:

i. the name of the permittee;

ii. the permit number(s);

iii. the bankruptcy court in which the petition for bankruptcy was filed; and

iv. the date of filing of the petition.

OPERATIONAL REQUIREMENTS

1. The permittee shall at all times ensure that the facility and all of its systems of collection, treatment, and disposal are properly operated and maintained. This includes, but is not limited to, the regular, periodic examination of wastewater solids within the treatment plant by the operator in order to maintain an appropriate quantity and quality of solids inventory as described in the various operator training manuals and according to accepted industry standards for process control. Process control, maintenance, and operations records shall be retained at the facility site, or shall be readily available for review by a TCEQ representative, for a period of three years.

2. Upon request by the Executive Director, the permittee shall take appropriate samples and provide proper analysis in order to demonstrate compliance with Commission rules. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall comply with all applicable provisions of 30 TAC Chapter 312 concerning sewage sludge or biosolids use and disposal and 30 TAC §§ 319.21 - 319.29 concerning the discharge of certain hazardous metals.

3. Domestic wastewater treatment facilities shall comply with the following provisions:

   a. The permittee shall notify the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, in writing, of any facility expansion at least 90 days prior to conducting such activity.

   b. The permittee shall submit a closure plan for review and approval to the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, for any closure activity at least 90 days prior to conducting such activity. Closure is the act of permanently taking a waste management unit or treatment facility out of service and includes the permanent removal from service of any pit, tank, pond, lagoon, surface impoundment and/or other treatment unit regulated by this permit.

4. The permittee is responsible for installing prior to plant start-up, and subsequently maintaining, adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failures by means of alternate power sources, standby generators, and/or retention of inadequately treated wastewater.

5. Unless otherwise specified, the permittee shall provide a readily accessible sampling point and, where applicable, an effluent flow measuring device or other acceptable means by which effluent flow may be determined.

6. The permittee shall remit an annual water quality fee to the Commission as required by 30 TAC Chapter 21. Failure to pay the fee may result in revocation of this permit under TWC § 7.302(b)(6).

7. Documentation

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

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

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

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

   b. The plans and specifications for domestic sewage collection and treatment works associated with any domestic permit must be approved by the Commission and failure to secure approval before commencing construction of such works or making a discharge is a violation of this permit and each day is an additional violation until approval has been

secured.

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

9. Domestic wastewater treatment plants shall be operated and maintained by sewage plant operators holding a valid certificate of competency at the required level as defined in 30 TAC Chapter 30.

10. For Publicly Owned Treatment Works (POTWs), the 30-day average (or monthly average) percent removal for BOD and TSS shall not be less than 85%, unless otherwise authorized by this permit.

11. Facilities that generate industrial solid waste as defined in 30 TAC § 335.1 shall comply with these provisions:

a. Any solid waste, as defined in 30 TAC § 335.1 (including but not limited to such wastes as garbage, refuse, sludge from a waste treatment, water supply treatment plant or air pollution control facility, discarded materials, discarded materials to be recycled, whether the waste is solid, liquid, or semisolid), generated by the permittee during the management and treatment of wastewater, must be managed in accordance with all applicable provisions of 30 TAC Chapter 335, relating to Industrial Solid Waste Management.

b. Industrial wastewater that is being collected, accumulated, stored, or processed before discharge through any final discharge outfall, specified by this permit, is considered to be industrial solid waste until the wastewater passes through the actual point source discharge and must be managed in accordance with all applicable provisions of 30 TAC Chapter 335.

c. The permittee shall provide written notification, pursuant to the requirements of 30 TAC § 335.8(b)(1), to the Corrective Action Section (MC 127) of the Remediation Division informing the Commission of any closure activity involving an Industrial Solid Waste Management Unit, at least 90 days prior to conducting such an activity.

d. Construction of any industrial solid waste management unit requires the prior written notification of the proposed activity to the Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division. No person shall dispose of industrial solid waste, including sludge or other solids from wastewater treatment processes, prior to fulfilling the deed recordation requirements of 30 TAC § 335.5.

e. The term "industrial solid waste management unit" means a landfill, surface impoundment, waste-pile, industrial furnace, incinerator, cement kiln, injection well, container, drum, salt dome waste containment cavern, or any other structure vessel, appurtenance, or other improvement on land used to manage industrial solid waste.

f. The permittee shall keep management records for all sludge (or other waste) removed from any wastewater treatment process. These records shall fulfill all applicable requirements of 30 TAC § 335 and must include the following, as it pertains to wastewater treatment and discharge:

   i. Volume of waste and date(s) generated from treatment process;
   ii. Volume of waste disposed of on-site or shipped off-site;
   iii. Date(s) of disposal;
   iv. Identity of hauler or transporter;
   v. Location of disposal site; and
   vi. Method of final disposal.

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

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

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SLUDGE PROVISIONS

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

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

A. General Requirements

1. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC § 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge or biosolids.

2. In all cases, if the person (permit holder) who prepares the sewage sludge supplies the sewage sludge to another person for land application use or to the owner or lease holder of the land, the permit holder shall provide necessary information to the parties who receive the sludge to assure compliance with these regulations.

3. The land application of processed or unprocessed chemical toilet waste, grease trap waste, grit trap waste, milk solids, or similar non-hazardous municipal or industrial solid wastes, or any of the wastes listed in this provision combined with biosolids, WTP residuals or domestic septage is prohibited unless the grease trap waste is added at a fats, oil and grease (FOG) receiving facility as part of an anaerobic digestion process.

B. Testing Requirements

1. Sewage sludge or biosolids shall be tested once during the term of this permit in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I [Toxicity Characteristic Leaching Procedure (TCLP)] or other method that receives the prior approval of the TCEQ for the contaminants listed in 40 CFR Part 261.24, Table 1. Sewage sludge or biosolids failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal. Following failure of any TCLP test, the management or disposal of sewage sludge or biosolids at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge or biosolids no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 14) within seven (7) days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped, and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P.O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. The permittee must submit this annual report by September 30th of each year using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 14) and the Enforcement Division (MC 224).

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

TABLE 1

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

* Dry weight basis

3. Pathogen Control

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

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

Alternative 1 - The temperature of the sewage sludge that is used or disposed shall be maintained at or above a specific value for a period of time. See 30 TAC § 312.82(a)(3)(A) for specific information;

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

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

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

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

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

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

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

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

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

d. Three alternatives are available to demonstrate compliance with Class B biosolids criteria.

Alternative 1

i. A minimum of seven random samples of the sewage sludge shall be collected within 48 hours of the time the sewage sludge is used or disposed of during each monitoring episode for the sewage sludge.

ii. The geometric mean of the density of fecal coliform in the samples collected shall be less than either 2,000,000 MPN per gram of total solids (dry weight basis) or 2,000,000 Colony Forming Units per gram of total solids (dry weight basis).

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

i. Prior to use or disposal, all the sewage sludge must have been generated from a single location, except as provided in paragraph v. below;

ii. An independent Texas Licensed Professional Engineer must make a certification to the generator of a sewage sludge that the wastewater treatment facility generating the sewage sludge is designed to achieve one of the PSRP at the permitted design loading of the facility. The certification need only be repeated if the design loading of the facility is increased. The certification shall include a statement indicating the design meets all the applicable standards specified in Appendix B of 40 CFR Part 503;

iii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;

iv. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review; and

v. If the sewage sludge is generated from a mixture of sources, resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the PSRP, and shall meet the certification, operation, and record keeping requirements of this paragraph.

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

i. Prior to use or disposal, all the sewage sludge must have been generated from a single location, except as provided in paragraph v. below;

ii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;

iii. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review;

iv. The Executive Director will accept from the U.S. Environmental Protection Agency a finding of equivalency to the defined PSRP; and

v. If the sewage sludge is generated from a mixture of sources resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the Processes to Significantly Reduce Pathogens, and shall meet the certification, operation, and record keeping requirements of this paragraph.

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

i. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after application of biosolids.

ii. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of biosolids when the biosolids remain on the land surface for 4 months or longer prior to incorporation into the soil.

iii. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of biosolids when the biosolids remain on the land surface for less than 4 months prior to incorporation into the soil.

iv. Food crops, feed crops, and fiber crops shall not be harvested for 30 days after application of biosolids.

v. Domestic livestock shall not be allowed to graze on the land for 30 days after application of biosolids.

vi. Turf grown on land where biosolids are applied shall not be harvested for 1 year after application of the biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn.

vii. Public access to land with a high potential for public exposure shall be restricted for 1 year after application of biosolids.

viii. Public access to land with a low potential for public exposure shall be restricted

for 30 days after application of biosolids.

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

4. Vector Attraction Reduction Requirements

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

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

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

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

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

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

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

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

Alternative 8 - The percent solids of sewage sludge that contains unstabilized solids

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

Alternative 9 - i. Biosolids shall be injected below the surface of the land.

ii. No significant amount of the biosolids shall be present on the land surface within one hour after biosolids are injected.

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

Alternative 10- i. Biosolids applied to the land surface or placed on a surface disposal site shall be incorporated into the soil within six hours after application to or placement on the land.

ii. When biosolids that are incorporated into the soil is Class A or Class AB with respect to pathogens, the biosolids shall be applied to or placed on the land within eight hours after being discharged from the pathogen treatment process.

C. Monitoring Requirements

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

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

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

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

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

Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal

coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.

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

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

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

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

A. Pollutant Limits

Table 2

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

Table 3

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

*Dry weight basis

B. Pathogen Control

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

C. Management Practices

1. Bulk biosolids shall not be applied to agricultural land, forest, a public contact site, or a reclamation site that is flooded, frozen, or snow-covered so that the bulk biosolids enters a wetland or other waters in the State.

2. Bulk biosolids not meeting Class A biosolids requirements shall be land applied in a manner which complies with Applicability in accordance with 30 TAC §312.41 and the Management Requirements in accordance with 30 TAC § 312.44.

3. Bulk biosolids shall be applied at or below the agronomic rate of the cover crop.

4. An information sheet shall be provided to the person who receives bulk Class A or AB biosolids sold or given away. The information sheet shall contain the following information:

    a. The name and address of the person who prepared the Class A or AB biosolids that are sold or given away in a bag or other container for application to the land.

    b. A statement that application of the biosolids to the land is prohibited except in accordance with the instruction on the label or information sheet.

    c. The annual whole sludge application rate for the biosolids application rate for the biosolids that does not cause any of the cumulative pollutant loading rates in Table 2 above to be exceeded, unless the pollutant concentrations in Table 3 found in Section II above are met.

D. Notification Requirements

1. If bulk biosolids are applied to land in a State other than Texas, written notice shall be provided prior to the initial land application to the permitting authority for the State in which the bulk biosolids are proposed to be applied. The notice shall include:

    a. The location, by street address, and specific latitude and longitude, of each land application site.

    b. The approximate time period bulk biosolids will be applied to the site.

    c. The name, address, telephone number, and National Pollutant Discharge Elimination System permit number (if appropriate) for the person who will apply the bulk biosolids.

2. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the biosolids disposal practice.

E. Record Keeping Requirements

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

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

1. The concentration (mg/kg) in the sludge of each pollutant listed in Table 3 above and the applicable pollutant concentration criteria (mg/kg), or the applicable cumulative pollutant loading rate and the applicable cumulative pollutant loading rate limit (lbs/ac) listed in Table 2 above.

2. A description of how the pathogen reduction requirements are met (including site restrictions for Class AB and Class B biosolids, if applicable).

3. A description of how the vector attraction reduction requirements are met.

4. A description of how the management practices listed above in Section II.C are being met.

5. The following certification statement:

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

6. The recommended agronomic loading rate from the references listed in Section II.C.3. above, as well as the actual agronomic loading rate shall be retained. The person who applies bulk biosolids shall develop the following information and shall retain the information at the facility site and/or shall be readily available for review by a TCEQ representative indefinitely. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply:

   a. A certification statement that all applicable requirements (specifically listed) have been met, and that the permittee understands that there are significant penalties for false certification including fine and imprisonment. See 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii), as applicable, and to the permittee's specific sludge treatment activities.

   b. The location, by street address, and specific latitude and longitude, of each site on which biosolids are applied.

   c. The number of acres in each site on which bulk biosolids are applied.

   d. The date and time biosolids are applied to each site.

e. The cumulative amount of each pollutant in pounds/acre listed in Table 2 applied to each site.

f. The total amount of biosolids applied to each site in dry tons.

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

F. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 14) and Enforcement Division (MC 224).

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

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

3. Results of tests performed for pollutants found in either Table 2 or 3 as appropriate for the permittee's land application practices.

4. The frequency of monitoring listed in Section I.C. that applies to the permittee.

5. Toxicity Characteristic Leaching Procedure (TCLP) results.

6. PCB concentration in sludge or biosolids in mg/kg.

7. Identity of hauler(s) and TCEQ transporter number.

8. Date(s) of transport.

9. Texas Commission on Environmental Quality registration number, if applicable.

10. Amount of sludge or biosolids disposal dry weight (lbs/acre) at each disposal site.

11. The concentration (mg/kg) in the sludge of each pollutant listed in Table 1 (defined as a monthly average) as well as the applicable pollutant concentration criteria (mg/kg) listed in Table 3 above, or the applicable pollutant loading rate limit (lbs/acre) listed in Table 2 above if it exceeds 90% of the limit.

12. Level of pathogen reduction achieved (Class A, Class AB or Class B).

13. Alternative used as listed in Section I.B.3.(a. or b.). Alternatives describe how the pathogen reduction requirements are met. If Class B biosolids, include information on how site restrictions were met.

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

15. Vector attraction reduction alternative used as listed in Section I.B.4.

16. Amount of sludge or biosolids transported in dry tons/year.

17. The certification statement listed in either 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii) as applicable to the permittee's sludge or biosolids treatment activities, shall be attached to the annual reporting form.

18. When the amount of any pollutant applied to the land exceeds 90% of the cumulative pollutant loading rate for that pollutant, as described in Table 2, the permittee shall report the following information as an attachment to the annual reporting form.

    a. The location, by street address, and specific latitude and longitude.

    b. The number of acres in each site on which bulk biosolids are applied.

    c. The date and time bulk biosolids are applied to each site.

    d. The cumulative amount of each pollutant (i.e., pounds/acre) listed in Table 2 in the bulk biosolids applied to each site.

    e. The amount of biosolids (i.e., dry tons) applied to each site.

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

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

A. The permittee shall handle and dispose of sewage sludge or biosolids in accordance with 30 TAC § 330 and all other applicable state and federal regulations to protect public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present. The permittee shall ensure that the sewage sludge or biosolids meets the requirements in 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.

B. If the permittee generates sewage sludge or biosolids and supplies that sewage sludge or biosolids to the owner or operator of a municipal solid waste landfill (MSWLF) for disposal, the permittee shall provide to the owner or operator of the MSWLF appropriate information needed to be in compliance with the provisions of this permit.

C. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the sewage sludge or biosolids disposal practice.

D. Sewage sludge or biosolids shall be tested once during the term of this permit in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I (Toxicity Characteristic Leaching Procedure) or other method, which receives the prior approval of the TCEQ for contaminants listed in Table 1 of 40 CFR § 261.24. Sewage sludge or biosolids failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal.

   Following failure of any TCLP test, the management or disposal of sewage sludge or biosolids at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge or biosolids no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 14) of the appropriate TCEQ field office within 7 days after failing the TCLP Test.

   The report shall contain test results, certification that unauthorized waste management has stopped, and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P. O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. This annual report shall be submitted to the TCEQ Regional Office (MC Region 14) and the Enforcement Division (MC 224) by September 30 of each year.

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

F. Record Keeping Requirements

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

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

2. The description (including procedures followed and results) of all TCLP tests performed.

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

G. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 14) and Enforcement Division (MC 224).

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

2. Toxicity Characteristic Leaching Procedure (TCLP) results.

3. Annual sludge or biosolids production in dry tons/year.

4. Amount of sludge or biosolids disposed in a municipal solid waste landfill in dry tons/year.

5. Amount of sludge or biosolids transported interstate in dry tons/year.

6. A certification that the sewage sludge or biosolids meets the requirements of 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.

7. Identity of hauler(s) and transporter registration number.

8. Owner of disposal site(s).

9. Location of disposal site(s).

10. Date(s) of disposal.

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

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

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

A. General Requirements

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

2. Sludge or biosolids may only be transported using a registered transporter or using an approved pipeline.

B. Record Keeping Requirements

1. For sludge or biosolids transported by an approved pipeline, the permittee must maintain records of the following:

   a. the amount of sludge or biosolids transported;

   b. the date of transport;

   c. the name and TCEQ permit number of the receiving facility or facilities;

   d. the location of the receiving facility or facilities;

   e. the name and TCEQ permit number of the facility that generated the waste; and

   f. copy of the written agreement between the permittee and the receiving facility to accept sludge or biosolids.

2. For sludge or biosolids transported by a registered transporter, the permittee must maintain records of the completed trip tickets in accordance with 30 TAC § 312.145(a)(1)-(7) and amount of sludge or biosolids transported.

3. The above records shall be maintained on-site on a monthly basis and shall be made available to the TCEQ upon request. These records shall be retained for at least five years.

C. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 14) and Enforcement Division (MC 224).

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

2. the annual sludge or biosolids production;

3. the amount of sludge or biosolids transported;

4. the owner of each receiving facility;

5. the location of each receiving facility; and

6. the date(s) of disposal at each receiving facility.

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OTHER REQUIREMENTS

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

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

2. The facility is not located in the Coastal Management Program boundary.

3. In accordance with 30 TAC § 319.9, a permittee that has at least twelve months of uninterrupted compliance with its bacteria limit may notify the commission in writing of its compliance and request a less frequent measurement schedule. To request a less frequent schedule, the permittee shall submit a written request to the TCEQ Wastewater Permitting Section (MC 148) for each phase that includes a different monitoring frequency. The request must contain all of the reported bacteria values (Daily Avg. and Daily Max/Single Grab) for the twelve consecutive months immediately prior to the request. If the Executive Director finds that a less frequent measurement schedule is protective of human health and the environment, the permittee may be given a less frequent measurement schedule. For this permit, two/month may be reduced to one/month. **A violation of any bacteria limit by a facility that has been granted a less frequent measurement schedule will require the permittee to return to the standard frequency schedule and submit written notice to the TCEQ Wastewater Permitting Section (MC 148).** The permittee may not apply for another reduction in measurement frequency for at least 24 months from the date of the last violation. The Executive Director may establish a more frequent measurement schedule if necessary to protect human health or the environment.

CONTRIBUTING INDUSTRIES AND PRETREATMENT REQUIREMENTS

1. The following pollutants may not be introduced into the treatment facility:

    a. Pollutants which create a fire or explosion hazard in the publicly owned treatment works (POTW), including, but not limited to, waste streams with a closed-cup flash point of less than 140° Fahrenheit (60° Celsius) using the test methods specified in 40 CFR § 261.21;

    b. Pollutants which will cause corrosive structural damage to the POTW, but in no case shall there be discharges with a pH lower than 5.0 standard units, unless the works are specifically designed to accommodate such discharges;

    c. Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW, resulting in Interference;

    d. Any pollutant, including oxygen-demanding pollutants (e.g., biochemical oxygen demand or BOD), released in a discharge at a flow rate and/or pollutant concentration which will cause Interference with the POTW;

    e. Heat in amounts which will inhibit biological activity in the POTW, resulting in Interference, but in no case shall there be heat in such quantities that the temperature at the POTW treatment plant exceeds 104° Fahrenheit (40° Celsius) unless the Executive Director, upon request of the POTW, approves alternate temperature limits;

    f. Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause Interference or Pass Through;

    g. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems; and

    h. Any trucked or hauled pollutants except at discharge points designated by the POTW.

2. The permittee shall require any indirect discharger to the treatment works to comply with the reporting requirements of Sections 204(b), 307, and 308 of the Clean Water Act, including any requirements established under 40 CFR Part 403 *[rev. Federal Register/ Vol. 70/ No. 198/ Friday, October 14, 2005/ Rules and Regulations, pages 60134-60798].*

3. The permittee shall provide adequate notification to the Executive Director, care of the Wastewater Permitting Section (MC 148) of the Water Quality Division, within 30 days subsequent to the permittee's knowledge of either of the following:

    a. Any new introduction of pollutants into the treatment works from an indirect discharger which would be subject to Sections 301 and 306 of the Clean Water Act if it were directly discharging those pollutants; and

    b. Any substantial change in the volume or character of pollutants being introduced into the treatment works by a source introducing pollutants into the treatment works at the time of issuance of the permit.

    Any notice shall include information on the quality and quantity of effluent to be introduced into the treatment works and any anticipated impact of the change on the quality or quantity of effluent to be discharged from the POTW.

Revised July 2007

STATEMENT OF BASIS/TECHNICAL SUMMARY
AND EXECUTIVE DIRECTOR'S PRELIMINARY DECISION

DESCRIPTION OF APPLICATION

Applicant:	City of Mathis Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010015001, EPA ID No. TX0020419
Regulated Activity:	Domestic Wastewater Permit
Type of Application:	Renewal
Request:	Renewal with no changes
Authority:	Federal Clean Water Act (CWA) § 402; Texas Water Code (TWC) § 26.027; 30 Texas Administrative Code (TAC) Chapters 30, 305, 307, 309, 312, and 319; Commission policies; and United States Environmental Protection Agency (EPA) guidelines.

EXECUTIVE DIRECTOR RECOMMENDATION

The Executive Director has made a preliminary decision that this permit, if issued, meets all statutory and regulatory requirements. The draft permit includes an expiration date of **five years from the date of issuance**.

REASON FOR PROJECT PROPOSED

The applicant has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of the existing permit that authorizes the discharge of treated domestic wastewater at a daily average flow not to exceed 0.947 million gallons per day (MGD). The existing wastewater treatment facility serves the City of Mathis.

PROJECT DESCRIPTION AND LOCATION

The City of Mathis Wastewater Treatment Facility is an activated sludge process plant operated in the extended aeration mode. Treatment units include a lift station, a bar screen, a grit chamber, an aeration basin, two final clarifiers, two sludge drying beds, a sludge dewatering box, and a chlorine contact chamber. The facility is in operation.

Sludge generated from the treatment facility is hauled by a registered transporter and disposed of at Texas Sludge Disposal, Inc., Sludge Composting Facility, MSW Permit No. 2319, in San Patricio County. The draft permit also authorizes the disposal of sludge at a TCEQ-authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge.

The plant site is located approximately 1.25 miles northwest of the intersection of Farm-to-Market Road 666 and Farm-to-Market Road 1068, near the City of Mathis, San Patricio County, Texas 78368.

Outfall Location:

Outfall Number	Latitude	Longitude
001	28.105456 N	97.845384 W

The treated effluent is discharged to a ditch, thence to an unnamed reservoir, thence to an unnamed tributary, thence to Lake Corpus Christi in Segment No. 2103 of the Nueces River Basin. The unclassified receiving water uses are minimal aquatic life use for the ditch and the unnamed tributary, and limited aquatic life use for the unnamed reservoir. The designated uses for Segment No. 2103 are primary contact recreation, public water supply, and high aquatic life use. The effluent limitations in the draft permit will maintain and protect the existing instream uses. All determinations are preliminary and subject to additional review and/or revisions.

Effluent limitations for the conventional effluent parameters (i.e., Five-Day Biochemical Oxygen Demand or Five-Day Carbonaceous Biochemical Oxygen Demand, Ammonia Nitrogen, etc.) are based on stream standards and waste load allocations for water-quality limited streams as established in the Texas Surface Water Quality Standards (TSWQS) and the State of Texas Water Quality Management Plan (WQMP).

In a case such as this, end-of-pipe compliance with pH limits between 6.0 and 9.0 standard units reasonably assures instream compliance with the TSWQS for pH when the discharge authorized is from a minor facility. This technology-based approach reasonably assures instream compliance with TSWQS criteria due to the relatively smaller discharge volumes authorized by these permits. This conservative assumption is based on TCEQ sampling conducted throughout the state which indicates that instream buffering quickly restores pH levels to ambient conditions. Similarly, this approach has been historically applied within EPA issued NPDES general permits where technology-based pH limits were established to be protective of water quality criteria.

The effluent limitations in the draft permit have been reviewed for consistency with the WQMP. The existing effluent limitations are contained in the approved WQMP.

The discharge from this permit action is not expected to have an effect on any federal endangered or threatened aquatic or aquatic dependent species or proposed species or their critical habitat. This determination is based on the United States Fish and Wildlife Service's (USFWS) biological opinion on the State of Texas authorization of the Texas Pollutant Discharge Elimination System (TPDES; September 14, 1998; October 21, 1998 update). To make this determination for TPDES permits, TCEQ and EPA only considered aquatic or aquatic dependent species occurring in watersheds of critical concern or high priority as listed in Appendix A of the USFWS biological opinion. The determination is subject to reevaluation due to subsequent updates or amendments to the biological opinion. The permit does not require EPA review with respect to the presence of endangered or threatened species.

Segment No. 2103 is not currently listed on the state's inventory of impaired and threatened waters (the 2024 CWA § 303(d) list).

SUMMARY OF EFFLUENT DATA

The following is a summary of the applicant's effluent monitoring data for the period January 2023 through January 2025. The average of Daily Average value is computed by the averaging of all 30-day average values for the reporting period for each parameter: flow, five-day carbonaceous biochemical oxygen demand ($CBOD_5$), total suspended solids (TSS), and ammonia nitrogen (NH_3-N). The average of Daily Average value for *Escherichia coli* (*E. coli*) in colony-forming units (CFU) or most probable number (MPN) per 100 ml is calculated via geometric mean.

Parameter	Average of Daily Average
Flow, MGD	0.3
$CBOD_5$, mg/l	2.5
TSS, mg/l	5.6
NH_3-N, mg/l	0.08
E. coli, CFU or MPN per 100 ml	2.0

DRAFT PERMIT CONDITIONS

The draft permit authorizes a discharge of treated domestic wastewater at a volume not to exceed a daily average flow of 0.947 MGD.

The effluent limitations in the draft permit, based on a 30-day average, are 10 mg/l $CBOD_5$, 15 mg/l TSS, 3 mg/l NH_3-N, 126 CFU or MPN of *E. coli* per 100 ml, and 5.0 mg/l minimum dissolved oxygen (DO). The effluent shall contain a total chlorine residual of at least 1.0 mg/l and shall not exceed a total chlorine residual of 4.0 mg/l after a detention time of at least 20 minutes based on peak flow.

The City of Mathis WWTP does not appear to receive significant industrial wastewater contributions. Based on the information provided by the permittee in the most recent TPDES permit application, the TCEQ determined that there are no significant industrial wastewater contributions currently being discharged to the permittee's POTW. Permit requirements for pretreatment are based on TPDES regulations contained in 30 TAC Chapter 305 which references 40 CFR Part 403, General Pretreatment Regulations for Existing and New Sources of Pollution [rev. Federal Register/ Vol. 70/ No. 198/ Friday, October 14, 2005/ Rules and Regulations, pages 60134-60798]. The permit includes specific requirements that establish responsibilities of local government, industry, and the public to implement the standards to control pollutants which pass through or interfere with treatment processes in publicly owned treatment works or which may contaminate the sewage sludge. This permit has appropriate pretreatment language for a facility of this size and complexity.

The draft permit includes Sludge Provisions according to the requirements of 30 TAC Chapter 312, *Sludge Use, Disposal, and Transportation*. Sludge generated from the treatment facility is hauled by a registered transporter and disposed of at Texas Sludge Disposal, Inc., Sludge Composting Facility, MSW Permit No. 2319, in San Patricio County. The draft permit also authorizes the disposal of sludge at a TCEQ-authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge.

SUMMARY OF CHANGES FROM APPLICATION

None.

SUMMARY OF CHANGES FROM EXISTING PERMIT

Effluent limitations and monitoring requirements in the draft permit remain the same as the existing permit requirements.

The Standard Permit Conditions, Sludge Provisions, and Other Requirements sections of the draft permit have been updated.

For Publicly Owned Treatment Works (POTWs), effective December 21, 2025, the permittee must submit the written report for unauthorized discharges and unanticipated bypasses that exceed any effluent limit in the permit using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

The draft permit includes all updates based on the 30 TAC 312 rule change effective April 23, 2020.

BASIS FOR DRAFT PERMIT

The following items were considered in developing the draft permit:

1. Application received on January 30, 2025, and additional information received on May 6, 2025.

2. TPDES Permit No. WQ0010015001 issued on July 9, 2020.

3. The effluent limitations and conditions in the draft permit comply with EPA-approved portions of the 2018 Texas Surface Water Quality Standards (TSWQS), 30 TAC §§ 307.1 - 307.10, effective March 1, 2018; 2014 TSWQS, effective March 6, 2014; 2010 TSWQS, effective July 22, 2010; and 2000 TSWQS, effective July 26, 2000.

4. The effluent limitations in the draft permit meet the requirements for secondary treatment and the requirements for disinfection according to 30 TAC Chapter 309, Subchapter A: Effluent Limitations.

5. Interoffice Memoranda from the Water Quality Assessment Section of the TCEQ Water Quality Division. Interoffice Memorandum from the Pretreatment Team of the TCEQ Water Quality Division.

6. Consistency with the Coastal Management Plan: The facility is not located in the Coastal Management Program boundary.

7. *Procedures to Implement the Texas Surface Water Quality Standards* (IP), Texas Commission on Environmental Quality, June 2010, as approved by EPA, and the IP, January 2003, for portions of the 2010 IP not approved by EPA.

8. Texas 2024 Clean Water Act Section 303(d) List, Texas Commission on Environmental Quality, June 26, 2024; approved by the U.S. Environmental Protection Agency on November 13, 2024.

9. Texas Natural Resource Conservation Commission, Guidance Document for Establishing Monitoring Frequencies for Domestic and Industrial Wastewater Discharge Permits, Document No. 98-001.000-OWR-WQ, May 1998.

PROCEDURES FOR FINAL DECISION

When an application is declared administratively complete, the Chief Clerk sends a letter to the applicant advising the applicant to publish the Notice of Receipt of Application and Intent to Obtain Permit in the newspaper. In addition, the Chief Clerk instructs the applicant to place a copy of the application in a public place for review and copying in the county where the facility is or will be located. This application will be in a public place throughout the comment period. The Chief Clerk also mails this notice to any interested persons and, if required, to landowners identified in the permit application. This notice informs the public about the application, and provides that an interested person may file comments on the application or request a contested case hearing or a public meeting.

Once a draft permit is completed, it is sent, along with the Executive Director's preliminary decision, as contained in the technical summary or fact sheet, to the Chief Clerk. At that time, the Notice of Application and Preliminary Decision will be mailed to the same people and published in the same newspaper as the prior notice. This notice sets a deadline for making public comments. The applicant must place a copy of the Executive Director's preliminary decision and draft permit in the public place with the application.

Any interested person may request a public meeting on the application until the deadline for filing public comments. A public meeting is intended for the taking of public comment, and is not a contested case proceeding.

After the public comment deadline, the Executive Director prepares a response to all significant public comments on the application or the draft permit raised during the public comment period. The Chief Clerk then mails the Executive Director's response to comments and final decision to people who have filed comments, requested a contested case hearing, or requested to be on the mailing list. This notice provides that if a person is not satisfied with the Executive Director's response and decision, they can request a contested case hearing or file a request to reconsider the Executive Director's decision within 30 days after the notice is mailed.

The Executive Director will issue the permit unless a written hearing request or request for reconsideration is filed within 30 days after the Executive Director's response to comments and final decision is mailed. If a hearing request or request for reconsideration is filed, the Executive Director will not issue the permit and will forward the application and request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting. If a contested case hearing is held, it will be a legal proceeding similar to a civil trial in state district court.

If the Executive Director calls a public meeting or the Commission grants a contested case hearing as described above, the Commission will give notice of the date, time, and place of the meeting or hearing. If a hearing request or request for reconsideration is made, the Commission will consider all public comments in making its decision and shall either adopt the Executive Director's response to public comments or prepare its own response.

For additional information about this application, contact Kellie Crouch at (512) 239-2435.

Kellie Crouch — May 15, 2025

Kellie Crouch
Land Application Team
Water Quality Assessment Section (MC 150)

Date

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 30, 2025

Re: Confirmation of Submission of the Renewal without changes for Public Domestic Wastewater Authorization.

Dear Applicant:

This is an acknowledgement that you have successfully completed Renewal without changes for the Public Domestic Wastewater authorization.

ER Account Number: ER110681
Application Reference Number: 748032
Authorization Number: WQ0010015001
Site Name: City of Mathis WWTP
Regulated Entity: RN102075181 - City of Mathis WWTP
Customer(s): CN600241459 - City of Mathis

Please be aware that TCEQ staff may contact your designated contact for any additional information.

If you have any questions, you may contact the Applications Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by telephone at (512) 239-4671.

Sincerely,
Applications Review and Processing Team
Water Quality Division

Texas Commission on Environmental Quality

Update Domestic or Industrial Individual Permit

WQ0010015001

Site Information (Regulated Entity)

What is the name of the site to be authorized?	CITY OF MATHIS WWTP
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	LOCATED APPROX 1.25 MI NW OF THE INTERX OF SH SPUR 198 AND FM 1068 ALONG THE ACCESS ROAD NW OF THE EXTENSION OF SAN PATRICIO AVE
City	MATHIS
State	TX
ZIP	78368
County	SAN PATRICIO
Latitude (N) (##.######)	28.105277
Longitude (W) (-###.######)	-97.846111
Primary SIC Code	4952
Secondary SIC Code	
Primary NAICS Code	221320
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN102075181
What is the name of the Regulated Entity (RE)?	CITY OF MATHIS WWTP
Does the RE site have a physical address?	No
Physical Address	
Because there is no physical address, describe how to locate this site:	LOCATED APPROX 1.25 MI NW OF THE INTERX OF SH SPUR 198 AND FM 1068 ALONG THE ACCESS ROAD NW OF THE EXTENSION OF SAN PATRICIO AVE
City	MATHIS
State	TX
ZIP	78368
County	SAN PATRICIO
Latitude (N) (##.######)	28.105277
Longitude (W) (-###.######)	-97.846111
Facility NAICS Code	
What is the primary business of this entity?	DOMESTIC

City of-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	CN600241459
Type of Customer	City Government
Full legal name of the applicant:	
Legal Name	City of Mathis
Texas SOS Filing Number	

Federal Tax ID	
State Franchise Tax ID	
State Sales Tax ID	
Local Tax ID	
DUNS Number	23602
Number of Employees	
Independently Owned and Operated?	
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	City of Mathis
Prefix	MR
First	Cedric
Middle	W
Last	Davis
Suffix	SR
Credentials	CPM
Title	City Manager
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
Routing (such as Mail Code, Dept., or Attn:)	
City	MATHIS
State	TX
ZIP	78368
Phone (###-###-####)	3615473343
Extension	113
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	c.davissr@cityofmathis.com

Billing Contact

Responsible contact for receiving billing statements:	
Select the permittee that is responsible for payment of the annual fee.	CN600241459, City of Mathis
Organization Name	CITY OF MATHIS
Prefix	MR
First	Cedric
Middle	W
Last	Davis
Suffix	SR
Credentials	CPM
Title	City Manager
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
Routing (such as Mail Code, Dept., or Attn:)	

City	MATHIS
State	TX
ZIP	78368
Phone (###-###-####)	3615473343
Extension	113
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	c.davissr@cityofmathis.com

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	City of Mathis
Prefix	MR
First	Cedric
Middle	W
Last	Davis
Suffix	SR
Credentials	CPM
Title	City Manager
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
Routing (such as Mail Code, Dept., or Attn:)	
City	MATHIS
State	TX
ZIP	78368
Phone (###-###-####)	3615473343
Extension	113
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	c.davissr@cityofmathis.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	City of Mathis
Prefix	MR
First	Charles
Middle	Robert
Last	Tafolla
Suffix	JR
Credentials	PE
Title	Public Works Director
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
Routing (such as Mail Code, Dept., or Attn:)	
City	MATHIS
State	TX
ZIP	78368
Phone (###-###-####)	3615473343
Extension	302
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	pwudirector1@cityofmathis.com

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?	Technical Contact
Organization Name	City of Mathis
Prefix	MR
First	Gabriel
Middle	
Last	Ortiz
Suffix	
Credentials	
Title	Wastewater Treatment Plant Operator
Enter new address or copy one from list:	Technical Contact Address

Mailing Address:

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
Routing (such as Mail Code, Dept., or Attn:)	
City	MATHIS
State	TX
ZIP	78368
Phone (###-###-####)	3615475951
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	wwo@cityofmathis.com

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	
2) Organization Name	City of Mathis
3) Prefix	MR
4) First	Cedric
5) Middle	W
6) Last	Davis

7) Suffix	SR
8) Credentials	CPM
9) Title	City Manager
Mailing Address	
10) Enter new address or copy one from list	Billing Contact
11) Address Type	Domestic
11.1) Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	MATHIS
11.4) State	TX
11.5) ZIP	78368
12) Phone (###-###-####)	3615473343
13) Extension	113
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	c.davissr@cityofmathis.com

Section 2# Permit Contact

Permit Contact#: 2

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	
2) Organization Name	City of Mathis
3) Prefix	MRS
4) First	Mary
5) Middle	A
6) Last	Gonzalez
7) Suffix	
8) Credentials	
9) Title	Assistant City Manager/City Secretary
Mailing Address	
10) Enter new address or copy one from list	Billing Contact
11) Address Type	Domestic
11.1) Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	MATHIS
11.4) State	TX
11.5) ZIP	78368
12) Phone (###-###-####)	3615473343
13) Extension	109
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	magonzales@cityofmathis.com

Owner Information

Owner of Treatment Facility

1) Prefix	MR
2) First and Last Name	Cedric W Davis Sr

3) Organization Name	City of Mathis
4) Mailing Address	411 E. San Patricio Ave.
5) City	Mathis
6) State	TX
7) Zip Code	78368
8) Phone (###-###-####)	3615473343
9) Extension	113
10) Email	c.davissr@cityofmathis.com
11) What is ownership of the treatment facility?	Public
Owner of Land (where treatment facility is or will be)	
12) Prefix	MR
13) First and Last Name	Cedric W Davis Sr
14) Organization Name	City of Mathis
15) Mailing Address	411 E. San Patricio Ave.
16) City	Mathis
17) State	TX
18) Zip Code	78368
19) Phone (###-###-####)	3615473343
20) Extension	113
21) Email	c.davissr@cityofmathis.com
22) Is the landowner the same person as the facility owner or co-applicant?	Yes

General Information Renewal-Amendment

1) Current authorization expiration date:	07/09/2025
2) Current Facility operational status:	Active
3) Is the facility located on or does the treated effluent cross American Indian Land?	No
4) What is the application type that you are seeking?	Renewal without changes
5) Current Authorization type:	Public Domestic Wastewater
5.1) What is the proposed total flow in MGD discharged at the facility?	.947
5.2) Select the applicable fee	>= .50 & < 1.0 MGD - Renewal - $1,615
6) What is the classification for your authorization?	TPDES
6.1) What is the EPA Identification Number?	TX0020419
6.2) Is the wastewater treatment facility location in the existing permit accurate?	Yes
6.3) Are the point(s) of discharge and the discharge route(s) in the existing permit correct?	Yes
6.4) City nearest the outfall(s):	Mathis
6.5) County where the outfalls are located:	SAN PATRICIO
6.6) Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?	No
6.7) Is the daily average discharge at your facility of 5 MGD or more?	No
7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	No

Public Notice Information

Individual Publishing the Notices

1) Prefix	MRS
2) First and Last Name	Mary A Gonzales
3) Credential	
4) Title	Asst. City Manager/City Secretary
5) Organization Name	City of Mathis
6) Mailing Address	411 E SAN PATRICIO AVE
7) Address Line 2	
8) City	MATHIS
9) State	TX
10) Zip Code	78368
11) Phone (###-###-####)	3615473343
12) Extension	109
13) Fax (###-###-####)	
14) Email	magonzales@cityofmathis.com
Contact person to be listed in the Notices	
15) Prefix	MR
16) First and Last Name	Charles Robert Tafolla Jr.
17) Credential	PE
18) Title	Public Works Director
19) Organization Name	City of Mathis
20) Phone (###-###-####)	3615473343
21) Fax (###-###-####)	
22) Email	pwudirector1@cityofmathis.com
Bilingual Notice Requirements	
23) Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?	No

Section 1# Public Viewing Information

County#: 1

1) County	SAN PATRICIO
2) Public building name	Mathis City Hall
3) Location within the building	Lobby
4) Physical Address of Building	411 E. San Patricio Ave.
5) City	Mathis
6) Contact Name	Robert Tafolla Jr
7) Phone (###-###-####)	3615473343
8) Extension	302
9) Is the location open to the public?	Yes

Plain Language

1) Plain Language	
[File Properties]	
File Name	LANG_TCEQ Summary Of Application In Plain Language .pdf
Hash	4ACD7599011FD8A964B757296618E20A6EC8519C965367FB0AF45F1969652B1E
MIME-Type	application/pdf

Supplemental Permit Information Form

1) Supplemental Permit Information Form (SPIF)

[File Properties]

File Name	SPIF_TCEQ Supplemental Permit Information Form 20971.docx
Hash	90FF34EE70CA74ED81BD0FDDA4A46AD974133C6AA9DA22BEEB65E147367D0D3A
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

Domestic Attachments

1) Attach an 8.5"x11", reproduced portion of the most current and original USGS Topographic Quadrangle Map(s) that meets the 1:24,000 scale.

[File Properties]

File Name	MAP_TCEQ USGS Topographic Quadrangle Map DOC071.pdf
Hash	E9E5874B361978DAECA00C84515FA9949692648F78FE10D06299827B05680161
MIME-Type	application/pdf

2) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
2.1) I confirm that Worksheet 2.0 (Receiving Waters) is complete and included in the Technical Attachment.	Yes
2.2) Are you planning to include Worksheet 2.1 (Stream Physical Characteristics) in the Technical Attachment?	No
2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses Requirements) in the Technical Attachment?	No
2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing Requirements) in the Technical Attachment?	No
2.5) I confirm that Worksheet 6.0 (Industrial Waste Contribution) is complete and included in the Technical Attachment.	Yes
2.6) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?	No

2.7) Technical Attachment

[File Properties]

File Name	TECH_TCEQ-10054-Signed Domestic Wastewater Permit Application Technical Report.pdf
Hash	5B385F0A6F5E2423636F75231FA9A1BFDE542765A480072A4EA9EF2D1198B91D
MIME-Type	application/pdf

3) Buffer Zone Map

[File Properties]

File Name	BUFF_ZM_TCEQ Not Applicable Sheet DOC080.pdf
Hash	4AFE3C6D702AE27DC3D506D384F19BF84D5F0EBF84792CD7D8ABEC9AE88D8BB1
MIME-Type	application/pdf

4) Flow Diagram

[File Properties]

File Name	FLDIA_TCEQ Flow Diagram DOC072.pdf

Hash	9BA5DA3E8CA7E24C6F49E3C5D709FAC44CC0197BE7EE1FE0969C0B23DCDA20F0
MIME-Type	application/pdf

5) Site Drawing

[File Properties]

File Name	SITEDR_TCEQ Site Drawing DOC074.pdf
Hash	9BB079C0C10B11B971AB3224E38961940DC0CFE89C157C43AF082C7BA9114247
MIME-Type	application/pdf

6) Design Calculations

[File Properties]

File Name	DES_CAL_TCEQ Not Applicable Sheet DOC080.pdf
Hash	4AFE3C6D702AE27DC3D506D384F19BF84D5F0EBF84792CD7D8ABEC9AE88D8BB1
MIME-Type	application/pdf

7) Solids Management Plan

8) Water Balance

[File Properties]

File Name	WB_TCEQ Not Applicable Sheet DOC080.pdf
Hash	4AFE3C6D702AE27DC3D506D384F19BF84D5F0EBF84792CD7D8ABEC9AE88D8BB1
MIME-Type	application/pdf

9) Other Attachments

Certification

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

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.

1. I am Charles R Tafolla JR, the owner of the STEERS account ER110681.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0010015001.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Charles R Tafolla JR OWNER

Customer Number:	CN600241459
Legal Name:	City of Mathis
Account Number:	ER110681
Signature IP Address:	107.211.3.108
Signature Date:	2025-01-29
Signature Hash:	75B4BABF492B9EBAAFC8AB4D300FC6BC3C17C860C92F56ED6449434EBC3A20A0

Form Hash Code at time of Signature:	7561DBE9B1DCF9EF469EB64E0FA22E34F286AA69063C96E2FD2DBADB98FCEEE6

Fee Payment

Transaction by:	The application fee payment transaction was made by ER110681/Charles R Tafolla JR
Paid by:	The application fee was paid by MARIA A GONZALES
Fee Amount:	$1600.00
Paid Date:	The application fee was paid on 2025-01-30
Transaction/Voucher number:	The transaction number is 582EA000647808 and the voucher number is 745341

Submission

Reference Number:	The application reference number is 748032
Submitted by:	The application was submitted by ER110681/Charles R Tafolla JR
Submitted Timestamp:	The application was submitted on 2025-01-30 at 10:12:18 CST
Submitted From:	The application was submitted from IP address 97.98.33.225
Confirmation Number:	The confirmation number is 624342
Steers Version:	The STEERS version is 6.86
Permit Number:	The permit number is WQ0010015001

Additional Information

Application Creator: This account was created by Charles R Tafolla JR

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how you will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements. After filling in the information for your facility delete these instructions.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package.** For your convenience, a Spanish template has been provided below.

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS 'DOMESTIC' WASTEWATER/STORMWATER

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

City of Mathis (CN600241459) operates the City of Mathis wastewater treatment plant (RN102075181), a activated sludge process plant operated in the extended aeration mode. The facility is located at approximately 1.25 miles northwest of the intersection of Farm-to-Market Road 666 and Farm-to-Market Road 1068, in Mathis, San Patricio County, Texas 78368. This application is for a renewal permit to discharge at a daily average flow of .59 million gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the

treatment units will include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber..

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: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

_____ Texas Historical Commission _____ U.S. Fish and Wildlife

_____ Texas Parks and Wildlife Department _____ U.S. Army Corps of Engineers

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

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 WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: City of Mathis

   Permit No. WQ00 10015001 EPA ID No. TX 0020419

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

   No physical address. The facility is located in Mathis Texas, San Patricio County, approximately 1.25 miles NW of the intersection of Farm-to-Market Road 666 and Farm-to-Market Road 1068

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

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

First and Last Name: Cedric W. Davis Sr.

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

Title: City Manager

Mailing Address:411 San Patricio

City, State, Zip Code: Mathis TX., 78368

Phone No.: (361)547-3343 Ext.: 113 Fax No.: N/A

E-mail Address: c.davissr@cityofmathis.com

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

N/A

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

Effluent is discharged into a ditch, thence to an unnamed reservoir; thence to an unnamed tributary; then to Lake Corpus Christi in Segment 203of Nueces River Basi.

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):

N/A

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

Existing wastewater treatment plant with Native trees and grasses.

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:

N/A

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

N/A

NOT APPLICABLE

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): .947

2-Hr Peak Flow (MGD): 2.43

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

B. Interim II Phase

Design Flow (MGD): 0.947

2-Hr Peak Flow (MGD): 2.43

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

C. Final Phase

Design Flow (MGD): 0.947

2-Hr Peak Flow (MGD): 2.43

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

D. Current Operating Phase

Provide the startup date of the facility: 1987

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 facility is an extended aeration wastewater treatment plant. The sewer flows into the plant lift station; then to the head of the plant and passes through a bar screen and grit chamber before proceeding to the aeration basin. From there the flow enters the clarifiers; activated sludge is drawn from the clarifiers with most of it returning to the aeration basin and a small amount going to the sludge drying beds. Effluent from the clarifier spills into the effluent trough where it is disinfected by chlorine. It then flows into the chlorine contact chamber for mixing/detention and then passes through the parshall flume for measurement before discharge to the outfall.

B. Treatment Units

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

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Lift Station	1	12 ft x 8 ft x 20 ft (operating D 4.5 ft)
Bar Screen and Grit Removal	1	14 ft x 14 ft x 12 ft
Aeration Basin	1	246 ft x 44 ft x 11 ft
Clarifiers	2	44 ft diameter x 11 ft
Sludge Drying Beds	2	100 ft x 50 ft x ??
Sludge Dewatering Box	1	30 Cu Yd
Chlorine Contact Chamber	1	35' diameter x 10' D

C. Process Flow Diagram

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

Attachment: Attachment 7 – Flow Diagram

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

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

- Latitude: 28.105473
- Longitude: -97.845380

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

- Latitude: N/A
- Longitude: **N/A**

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 8 – Site Drawing

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

City of Mathis

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
City Of Mathis Collection System	**City Of Mathis**	**Publicly Owned**	1500
		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.**

N/A

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.

N/A

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: 1955 and 1987

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

N/A

B. Buffer zones

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.

N/A

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.*

N/A

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.

N/A

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.

N/A

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.

N/A

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 N/A or TXRNE N/A

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:

N/A

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.

N/A

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.

N/A

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.

N/A

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.
N/A

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 BOD_5 concentration of the sludge, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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_5 concentration of the septic waste, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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.

N/A

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.

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	2.0		1	Grab	12-30-24/8:00am
Total Suspended Solids, mg/l	2.0		1	Grab	12-30-24/8:00am
Ammonia Nitrogen, mg/l	0.051		1	Grab	12-30-24/8:00am
Nitrate Nitrogen, mg/l	2.28		1	Grab	7-5-23/8:45am
Total Kjeldahl Nitrogen, mg/l	1.63		1	Grab	7-5-23/8:45am
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l	5.90		1	Grab	7-5-23/8:45am
pH, standard units	6.85		1	Grab	12-30-24/7:00am
Dissolved Oxygen*, mg/l	7.84		1	Grab	12-30-24/7:00am
Chlorine Residual, mg/l	2.5		1	Grab	12-30-24/7:am
E.coli (CFU/100ml) freshwater	<1		1	Grab	12-30-24/8:00am
Entercocci (CFU/100ml) saltwater	N/A				
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †	N/A				
Oil & Grease, mg/l					
Alkalinity ($CaCO_3$)*, mg/l					

*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					

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
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: Gabriel Ortiz

Facility Operator's License Classification and Level: WWOL – Class C Operator

Facility Operator's License Number: WW0036420

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

- ☐ Design flow>= 1 MGD
- ☐ 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: N/A

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.

Biosolids Management

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): N/A

D. Disposal site

Disposal site name: Texas Sludge Disposal Inc.

TCEQ permit or registration number: 2319

County where disposal site is located: San Patrico

E. Transportation method

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

Name of the hauler: Texas Sludge Disposal Inc.

Hauler registration number: 23676

Sludge is transported as a:

Liquid ☐ semi-liquid ☐ semi-solid ☐ solid ☒

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	☒ No
Marketing and Distribution of sludge	☐ Yes	☒ No
Sludge Surface Disposal or Sludge Monofill	☐ Yes	☒ No
Temporary storage in sludge lagoons	☐ Yes	☒ No

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

☐ Yes ☒ No

Section 11. Sewage Sludge Lagoons (Instructions Page 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: N/A
- USDA Natural Resources Conservation Service Soil Map:

  Attachment: N/A
- Federal Emergency Management Map:

  Attachment: N/A

- Site map:

  Attachment: N/A

Discuss in a description if any of the following exist within the lagoon area. Check all that apply.

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

Attachment: N/A

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:

N/A

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: N/A

Total Kjeldahl Nitrogen, mg/kg: N/A

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

Phosphorus, mg/kg: N/A

Potassium, mg/kg: N/A

pH, standard units: N/A

Ammonia Nitrogen mg/kg: N/A

Arsenic: N/A

Cadmium: N/A

Chromium: N/A

Copper: N/A

Lead: N/A

Mercury: N/A

Molybdenum: N/A

Nickel: N/A

Selenium: N/A

Zinc: N/A

Total PCBs: N/A

Provide the following information:

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

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

Total dry tons stored in the lagoons(s) over the life of the unit: N/A

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of $1x10^{-7}$ cm/sec?

☐ Yes ☒ No

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

N/A

D. Site development plan

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

N/A

Attach the following documents to the application.

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

  Attachment: N/A
- Copy of the closure plan

  Attachment: N/A
- Copy of deed recordation for the site

  Attachment: N/A
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

  Attachment: N/A
- Description of the method of controlling infiltration of groundwater and surface water from entering the site

  Attachment: N/A
- Procedures to prevent the occurrence of nuisance conditions

Attachment: N/A

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: N/A

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:

N/A

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:

N/A

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: N/A

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

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

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

CERTIFICATION:

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

Printed Name: Cedric Davis Sr.

Title: City Manager

Signature: _____

Date: 01-29-2025

Client: City of Mathis
Project/Site: WWTP, 12/30/24

Job ID: 560-123341-1

Client Sample ID: WWTP Effluent
Date Collected: 12/30/24 08:00
Date Received: 12/30/24 10:11

Lab Sample ID: 560-123341-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	<0.051		0.10	0.051	mg/L			01/02/25 18:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	<2.0		2.0	2.0	mg/L			12/31/24 07:41	1
Carbonaceous Biochemical Oxygen Demand (SM 5210B CBOD)	<2.0		2.0	2.0	mg/L			12/30/24 13:50	1

Corpus Christi Water Department
City of Corpus Christi
Water Utilities Laboratory
13101 Leopard Street
361-826-1200 Fax: 361-242-9131

Analytical Report

Client Info	EUROFINS XENCO 1733 N.P.I.D. Corpus Christi, TX 78408 (361)289-2673
Phone:	**EMAIL:** lindy.maingot@et.eurofinsus.com
Report# /Lab ID#:	AC47963
Report Date:	12/31/24
Sample Name:	560-1233341-A-2
Date Received:	12/30/2024 **Time:** 14:23
Date Sampled:	12/30/2024 **Time:** 08:05

Parameter	Result	Unit	Flag	RL	Date/Time Analyzed	Method	Analyst	Analysis Comments
E. coli (MPN)	<1.0	MPN		1.0	12/30/24 15:41	SM 9223 B - Colil	VP	

Sample Comments:

This analytical report is respectfully submitted by the Water Utilities Laboratory. The enclosed results reflect only the sample(s) identified above. The results have been carefully reviewed and, unless otherwise indicated, meet the NELAC requirements as described by the Water Utilities Lab's QA/QC program. No part of this report shall be reproduced or transmitted in any form or by any means without the written consent of the City of Corpus Christi-Water Utilities Lab.

Respectfully Submitted,

Technical Director (or designee)

1. Quality assurance data for the sample batch which included this sample.
2. Precision (PREC) is the absolute value of the relative percent difference between duplicate results.
3. Recovery (RECOV) is the percent of analyte recovered from a spiked sample.
4. Laboratory Control Sample (LCS) results are expressed as the percent recovery of analyte.
5. Reporting Limit (RL), typically at or above the Limit of Quantitation (LOQ) of the analytical method.
6. Data Qualifiers:

N=Analysis not performed as per client request. H=Sample exceeded holding time. P=Analysis is from an unpreserved sample. J=Value reported is less than the RL but greater than the MDL.
X=MS/MSD recovery or duplicates analysis exceeded the acceptance limit or Standard failed. LA=Lab accident. LE=Lab error. OA=Outside the scope of the lab's NELAC accreditation.
U=Unsuitable: sample turned turbid after incubation. T=Sample below temp requirement; not on ice. EQ=Equipment failure. I=Information on sample bottle and COC does not match.
S=Slow to filter; sample contains floc and/or large amount of residue on filter. O=Analysis performed by an outside NELAC accredited lab. O^=Analysis flagged by outside laboratory.
Z=Too many colonies present to provide a result (TNTC). A=Value reported is the mean of two or more determinations. R=Reagent water contamination suspected. B=Sample broken in transit.
MI=Not analyzed due to interferences. K=BOD result estimated due to blank exceeding the allowable oxygen depletion. D=Sample dilution required for analysis/ quality control.
SC=BOD/CBOD calculated using a seed correction factor not within acceptable range. QB=No QC data assigned to sample, sample result not affected.
EL=Oxygen usage is less than 2mg/L for all dilutions analyzed. The reported value is an estimated less than value and is calculated for the dilution containing the greatest concentration of sample.
EG=Less than 1mg/L DO remained for all dilutions analyzed. The reported value is an estimated greater than value and is calculated for the dilution containing the least concentration of sample.
E= The data exceed the upper calibration limit; therefore the concentration is reported as an estimate.

City of Mathis - Arguijo - Zapata Wastewater Treatment Plant

Parshall Flume — Reading Log Month & Year: DECEMBER 2024_____ — Aeration Ditch

Date	Time	Initials	Reading	Daily Flow	CL/2	PH	Temp	DO	CL1	CL2	Set. Solids	DO	PH	Temp	Rain Y/N
1		GO	90918227	0.252	3				0.75	0.75					0
2		GO	91178227	0.26	1.3	6.84	20.8	7.42	1.25	2	600				0
3		GO	91500200	0.322	3.5	6.73	20.5	7.65	1.5	1		3.8	7.06	20.2	0
4		GO	91764800	0.265	3.5	6.83	20.8	7.67	2	1.25	620				0.2 RAIN
5		GO	92031800	0.267	3.4	6.82	20.9	7.86	1	1		4.26	7.04	22	0.1 RAIN
6		GO	92305660	0.274	3.6	6.81	20.5	7.81	1	0.5	720				0
7		GO	92567660	0.262	3.5				1	0.5					0
8		GO	92813560	0.246	3.4				1	1					0.1 RAIN
9		GO	93109999	0.296	3.9	6.72	19.5	7.64	1.5	0.5	650				0.2 RAIN
10		GO	93362700	0.253	3.8	6.83	19.8	7.7	1.25	0.5		4.85	7.03	20.4	0
11		GO	93617700	0.255	3.5	6.8	18.3	7.81	1.25	1.25	650				0
12		GO	93855236	0.238	3.2	6.84	17.5	7.66	1	1.25		4.12	7.13	16.6	0
13		GO	94117475	0.262	3.2	6.79	19.8	7.67	1	1	700				0
14		GO	94388000	0.271	3.1				1	1					0.3 RAIN
15		GO	94657000	0.269	2.7				1	1					0.1 RAIN
16		GO	94940444	0.283	3.1	6.67	22.6	7.72	1.5	1.25	600				0
17		GO	95205500	0.265	3.1	6.78	22.5	7.69	1.25	0.75		3.42	7.1	22.8	0
18		GO	95475050	0.27	2.5	6.74	22.9	7.58	1.25	0.75	600				0
19		GO	95735000	0.26	3.6	6.8	21.1	7.46	1.25	0.75		3.02	7.2	21	0
20		GO	95997000	0.262	3.3	7.02	20.6	6.72	1.25	0.75	600				0
21		GO	96228946	0.232	3.6				1.25	0.75					0
22		GO	96487850	0.259	2.2				1.25	0.75					0
23		GO	96775800	0.288	3.3	6.87	21	7.74	1.25	0.5	650				0
24		GO	96936056	0.16	3.6	6.76	20.9	7.68	1.25	0.75		6.14	7.53	21.6	0
25		GO	97162477	0.226	2.5	6.92	22	7.74	1.25	0.75	650				0
26		GO	97417477	0.255	2.8	6.92	21.9	7.8	1.25	1		3.91	7.16	22.3	0
27		GO	97693250	0.276	3.2	6.9	20.7	7.85	1.25	1	700				0
28		GO	97951307	0.258	2.6				1.25	1					0
29		GO	98223835	0.273	2.3				1.25	1					0
30		GO	98503835	0.28	2.5	6.85	20.6	7.84	1.5	1.25	600				0
31		GO	98788620	0.285	2.2	6.92	20.4	7.81	1.5	1.25		3.95	7.21	20.5	0

			Daily Flow	CL/2		PH		DO
	Total		8.12	95		150.16		168.52
	Average		0.262	3.06		6.83		7.66
	Max		0.322	3.9		7.02		7.86
	Min		0.16	1.3		6.67		6.72

CHEMTEX
Environmental & Industrial Hygiene Services

3082 25th Street, Port Arthur, Texas 77642 (409) 983-4575 FAX (409) 982-1522
5544 Leopard Street, Corpus Christi Texas 78408 (361) 299-9980 FAX (361) 299-1155
138 S. Cities Service Hwy., Sulphur, Louisiana 70663 (337) 626-2121 FAX (337)626-2126
401 N. 11 Street, La Porte Texas 77571 (281) 867-9900 FAX (281) 867-1155

Client: City of Mathis
411 East San Patricio Ave
Mathis, TX 78368

Attn: Mr. Stephen Mayfield
Phone: 361-547-5951
Cell: 361-533-0467
Fax: 361-547-4212; 547-3836
E-Mail: pwudirector@cityofmathis.com

Reporting Date: 8/3/2023
Sample Matrix: Sludge
Date Collected: 7/05/23
Time Collected: 8:45 am
Collected by: Mr. Phlip Amador Jr.
Date Received: 7/05/23
Time Received: 1:20 pm
CHEMTEX File #: C23070015

RESULTS OF ANALYSIS
PROJECT: ANNUAL SLUDGE TESTING
Site/Location: WWTP, County Road 4, Mathis, TX
Sample Identification: Sludge
TOXICITY CHARACTERISTICS LEACHING PROCEDURE CONSTITUENTS

Parameter	Units	Results	RL	RMCCL
TCLP Metals				
Arsenic	mg/L	<0.05	0.05	5
Barium	mg/L	1.097	0.09	100
Cadmium	mg/L	<0.02	0.02	1
Chromium	mg/L	0.0261	0.02	5
Lead	mg/L	<0.01	0.01	5
Selenium	mg/L	<0.06	0.06	1
Silver	mg/L	<0.055	0.055	5
Mercury	mg/L	<0.0002	0.0002	0.2
***TCLP Volatiles**				
Benzene	mg/L	<0.001	0.001	0.5
Carbon tetrachloride	mg/L	<0.005	0.005	0.5
Chlorobenzene	mg/L	<0.001	0.001	100
Chloroform	mg/L	<0.001	0.001	6
1,2-Dichloroethane	mg/L	<0.001	0.001	0.5
1,1-Dichloroethene	mg/L	<0.001	0.001	0.7
2-Butanone(MEK)	mg/L	<0.05	0.05	200
Tetrachloroethene	mg/L	<0.001	0.001	0.7
Trichloro ethene	mg/L	<0.005	0.005	0.5
Vinyl chloride	mg/L	<0.002	0.002	0.2

Percent Recovery of Surrogates

Compound Name	Units	% Recovery	Limits
1,2 Dichloroethane d4	%	117	63-144
4-Bromofluorobenzene	%	107	74-124
Dibromofluoromethane	%	103	75-131
Toluene-d8	%	101	80-120

CHEMTEX
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Fax: 361-547-4212; 547-3838
E Mail pwudirector@cityofmathis com

Reporting Date	8/3/2023
Sample Matrix:	Sludge
Date Collected.	7/05/23
Time Collected	8 45 am
Collected by:	Mr. Philip Amador Jr
Date Received	7/05/23
Time Received	1 20 pm
CHEMTEX File #	C23070015

RESULTS OF ANALYSIS
PROJECT: ANNUAL SLUDGE TESTING
Site/Location WWTP, County Road 4, Mathis, TX
Sample Identification: Sludge
TOXICITY CHARACTERISTICS LEACHING PROCEDURE CONSTITUENTS

***TCLP Semi-Volatiles**

Parameter	Units	Results	RL	RMCCL
1,4-Dichlorobenzene	mg/L	<0 125	0 125	7 5
2,4,5-Trichlorophenol	mg/L	<0 125	0.125	400
2,4,6-Trichlorophenol	mg/L	<0 125	0 125	2
2,4-Dinitrotoluene	mg/L	<0.125	0.125	0 13
2 Methylphenol	mg/L	<0 125	0.125	200
Hexachlorobenzene	mg/L	<0 125	0 125	0.13
Hexachlorobutadiene	mg/L	<0 125	0.125	0 5
Hexachloroethane	mg/L	<0.125	0.125	3
Nitrobenzene	mg/L	<0 125	0 125	2
Pentachlorophenol	mg/L	<0 25	0.25	100
Pyridine	mg/L	<0 25	0.25	5
3&4 Methylphenols	mg/L	<0.25	0 25	200

Percent Recovery of Surrogates

Compound Name	Units	% Recovery	Limits
2,4,6 Tribromophenol	%	58	31-132
2-Fluorobiphenyl	%	53	29-112
2 Fluorophenol	%	36	21-114
Nitrobenzene-d5	%	57	26-110
Terphenyl-D14	%	63	20-141
Phenol-d5	%	34	16-117

CHEMTEX
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Reporting Date:	8/3/2023
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Date Collected:	7/05/23
Time Collected:	8:45 am
Collected by:	Mr. Phlip Amador Jr
Date Received:	7/05/23
Time Received:	1:20 pm
CHEMTEX File #:	C23070015

RESULTS OF ANALYSIS
PROJECT: ANNUAL SLUDGE TESTING
Site/Location: WWTP, County Road 4, Mathis, TX
Sample Identification: Sludge
TOXICITY CHARACTERISTICS LEACHING PROCEDURE CONSTITUENTS

***TCLP Pesticides**

Parameter	Units	Results	RL	RMCCL
Chlordane	mg/L	<0.00103	0.00103	0.03
Endrin	mg/L	<0.0000515	0.0000515	0.02
Heptachlor	mg/L	<0.0000515	0.0000515	0.008
Heptachlor Epoxide	mg/L	<0.0000515	0.0000515	
Gamma-BHC (Lindane)	mg/L	<0.0000515	0.0000515	0.4
Methoxychlor	mg/L	<0.0000515	0.0000515	10
Toxaphene	mg/L	<0.00103	0.00103	0.5

Percent Recovery of Surrogates

Compound Name	Units	% Recovery	Limits
Decachlorobiphenyl	%	23	45-115
Tetrachloro-m-xylene	%	66	41-110

***TCLP Herbicides**

Parameter	Units	Results	RL	RMCCL
2,4-D	mg/L	<0.0002	0.0002	10.0
2,4,5 TP	mg/L	<0.0002	0.0002	1.0

Percent Recovery of Surrogates

Compound Name	Units	% Recovery	Limits
2,4 Dichlorophenylacetic acid	%	82	42-150

CHEMTEX
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Reporting Date: 8/3/2023
Sample Matrix: Sludge
Date Collected: 7/05/23
Time Collected: 8.45 am
Collected by: Mr. Philip Amador Jr.
Date Received: 7/05/23
Time Received: 1.20 pm
CHEMTEX File #: C23070015

RESULTS OF ANALYSIS
PROJECT: ANNUAL SLUDGE TESTING
Site/Location: WWTP, County Road 4, Mathis, TX
Sample Identification: Sludge
TOXICITY CHARACTERISTICS LEACHING PROCEDURE CONSTITUENTS

***Polychlorinated Biphenyls (PCBs)#**

Parameter	Units	Results	RL
Aroclor 1016	mg/kg	<0.143	0.143
Aroclor 1221	mg/kg	<0.143	0.143
Aroclor 1232	mg/kg	<0.143	0.143
Aroclor 1242	mg/kg	<0.143	0.143
Aroclor 1248	mg/kg	<0.143	0.143
Aroclor 1254	mg/kg	<0.143	0.143
Aroclor 1260	mg/kg	<0.143	0.143

Percent Recovery of Surrogates

Compound Name	Units	% Recovery	Limits
Tetrachloro-m-xylene	%	56	35-140
Decachlorobiphenyl	%	91	37-142

Total Metals#

Parameter	Units	Results	RL
Arsenic	mg/kg	2.67	0.39
Cadmium	mg/kg	1.32	0.23
Chromium	mg/kg	15.73	0.41
Copper	mg/kg	557.85	0.27
Lead	mg/kg	23.81	0.25
Molybdenum	mg/kg	3.81	0.31
Nickel	mg/kg	13.42	0.22
Selenium	mg/kg	4.88	0.41
Silver	mg/kg	5.24	0.52
Zinc	mg/kg	583.06	0.19
Mercury	mg/kg	<0.29	0.029

CHEMTEX

Environmental & Industrial Hygiene Services

3082 25th Street, Port Arthur, Texas 77642 (409) 983-4545 FAX (409) 982-1542
5544 Leopard Street, Corpus Christi, Texas 78408 (361) 299-9900 FAX (361) 299-1155
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Client: City of Mathis
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Mathis, TX 78368

Attn: Mr Stephen Mayfield
Phone: 361-547-5951
Cell: 361-533-0467
Fax: 361-547-4212; 547-3838
E-Mail: pwdirector@cityofmathis.com

Reporting Date: 8/3/2023
Sample Matrix: Sludge
Date Collected: 7/05/23
Time Collected: 8:45 am
Collected by: Mr Phlip Amador Jr
Date Received: 7/05/23
Time Received: 1:20 pm
CHEMTEX File #: C23070015

1-9-25 phone call ~~to~~ St. Divide By 1000 per Steve Mayfield due to results are in mg & need to be in mg/L

RESULTS OF ANALYSIS
PROJECT: ANNUAL SLUDGE TESTING
Site/Location: WWTP, County Road 4, Mathis, TX
Sample Identification: Sludge
TOXICITY CHARACTERISTICS LEACHING PROCEDURE CONSTITUENTS

Parameter	Units	Results	RL
Total Nitrogen (as N) (Nitrate+Nitrite+TKN)	mg/kg	2289 28	-
Total Phosphrous (as P)	mg/Kg	5905	0 1
Total Potassium (as K)	mg/Kg	3186	0.21
Nitrate-Nitrite	mg/Kg	659.28	10
TKN	mg/Kg	1630	25
Ammonia-N	mg/Kg	1150	5
***SOUR Test	(mg/g)/h	0 183	-
**%Total Solids	%	45.11	-

CHEMTEX ID	Replicates	Parameter	Units	Results	RL
**C23070015A#	Rep 1	Fecal Coliform	Col/1g	13301	1000
**C23070015B#	Rep 2	Fecal Coliform	Col/1g	20436	1000
**C23070015C#	Rep 3	Fecal Coliform	Col/1g	31524	1000
**C23070015D#	Rep 4	Fecal Coliform	Col/1g	59894	1000
**C23070015E#	Rep 5	Fecal Coliform	Col/1g	91887	1000
**C23070015F#	Rep 6	Fecal Coliform	Col/1g	35571	1000
**C23070015G#	Rep 7	Fecal Coliform	Col/1g	81374	1000
*Geomean of Fecal Coliform		Col/1 gm of Dry Sludge		38970	1000

RL (Reporting Limit) values in our report are our lowest analyses limits, not the Reporting Limits to report to any Governmental Agencies
RMCCL: Regulatory Maximum Concentration of Contaminants in the TCLP Leachate
Analysis performed at NELAP Accredited laboratories (T104704461-23-17), *(T104704215-23-50), **(T104704259-23-7)
#Total Metals, *PCB's & **Geomean Fecal coliform reported on Dry Weight Basis
Analysis performed and Accreditation not offered by any regulatory authority
Report generated at CHEMTEX, Corpus Christi, TX.

CHEMTEX
Environmental & Industrial Hygiene Services

3082 25th Street, Port Arthur, Texas 77642 (409) 983-4575 FAX (409) 982-1522
5544 Leopard Street Corpus Christi, Texas 78408 (361) 299-9900 FAX (361) 299-1155
138 S. Cities Service Hwy., Sulphur, Louisiana 70663 (337) 626-2121 FAX (337)626-2126
401 N. 11 Street, La Porte Texas 77571 (281) 867-9900 FAX (281) 867-1155

Client: City of Mathis
411 East San Patricio Ave.
Mathis, TX 78368

Reporting Date: 8/3/2023
CHEMTEX File #: C23070015

Parameter	Method Reference	Date Analyzed/Analyzed By
TCLP Metals	1311/6010B	7/27/23 BRK
TCLP Mercury	1311/7470A	7/27/23 BRK
*TCLP Volatiles	1311/8260C	7/11/23 AN
*TCLP Semivolatiles	1311/8270D	7/14/23 PXS
*TCLP Pesticides	1311/8081B	7/14/23 WP
*TCLP Herbicides	1311/8151A	7/14/23 BNW
*PCB's	EPA8082A	7/12/23 WP
Total Metals	EPA6010B	7/26/23 BRK
Total Mercury	EPA7471A	7/27/23 BRK
Total Nitrogen	Calculated	7/20/23 BB
Total Phosphrous/Potassium	EPA6010B	7/26/23 BRK
Nitrate-Nitrite	EPA9056A	7/20/23 BB
TKN	SM 4500-Norg B & SM 4500-NH_3-D	7/11/23 BRK
Ammonia-N	SM4500NH_3D	7/10/23 BRK
%Total Solids	SM2540G	7/15/23 CSR
Geometric Mean of Fecal Coliform	SM 9222 D-97	7/05-06/23 CSR
SOUR Test	SM 2710 B-97	7/06/23 GC

LABORATORY QUALITY CONTROL DATA

TCLP Metals
Method Blank, LCS (mg/L)

QC Batch ID	MB ID	LCS ID
QbMA072723A	072723 MB-TCLP	072723 LCS-TCLP
QbHg072723	Hg072723-TCLP-MB	Hg072723-TCLP-LCS

Parameter	MB Result	Spk Added	LCS Result	LCS % Rec	% Rec Limit
Arsenic	<0.05	1.0	1.036	104	85-115
Barium	<0.09	1.0	1.031	103	85-115
Cadmium	<0.02	1.0	1.047	105	85-115
Chromium	<0.02	1.0	1.019	102	85-115
Lead	<0.01	1.0	1.041	104	85-115
Selenium	<0.06	1.0	1.054	105	85-115
Silver	<0.055	1.0	0.933	93	85-115
Mercury	<0.0002	0.002	0.0019	94	80-120

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Client: City of Mathis
411 East San Patricio Ave
Mathis, TX 78368

Reporting Date: 8/3/2023
CHEMTEX File #: C23070015

Sample Duplicate (mg/L)

QC Batch ID	Sample ID	Dup ID
QbMA072723A	S23070620	S23070620
QbHg072723	C23070231	C23070231

Parameter	Sample Result	Sample Dup Result	RPD	RPD Limit
Arsenic	<0 05	<0 05		20
Barium	0 101	0 102	0 9	20
Cadmium	<0 02	<0 02		20
Chromium	<0 02	<0 02		20
Lead	1 709	1 735	1.5	20
Selenium	<0 06	0 061		20
Silver	0 095	0 108	12 5	20
Mercury	<0 0002	<0 0002		20

MS (mg/L)

QC Batch ID	Sample ID	MS ID
QbMA072723A	S23070620	S23070620
QbHg072723	C23070231	C23070231

Parameter	Sample Result	Spk Added	MS Result	MS % Rec	% Rec Limit
Arsenic	<0 05	2 0	1 863	93	70-130
Barium	0 1009	2 0	2 334	112	70-130
Cadmium	<0 02	2 0	2 188	109	70-130
Chromium	<0 02	2 0	2 109	105	70-130
Lead	1 709	2 0	3 473	88	70-130
Selenium	<0 06	2 0	2 448	122	70-130
Silver	0 0953	2 0	2 973	144	70-130
Mercury	<0 0002	0 01	0.0093	93	80-120

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Mathis, TX 78368

Reporting Date 8/3/2023
CHEMTEX File # C23070015

TCLP Volatiles
Method Blank, LCS & LCSD (mg/L)

QC Batch ID	MB ID	LCS ID	LCSD ID
111856	860-111856/13	860-111856/7	860-111856/8

Parameter	MB Result	Spk Added	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	RPD	RPD Limit	%Rec Limits
Benzene	<0.001	0.05	0.05121	102	0.05236	105	2	25	75-125
Carbon tetrachloride	<0.005	0.05	0.0548	110	0.05355	107	2	25	70-130
Chlorobenzene	<0.001	0.05	0.05255	105	0.05239	105		25	65-135
Chloroform	<0.001	0.05	0.05774	115	0.05828	117	1	25	70-121
1,2-Dichloroethane	<0.001	0.05	0.0553	111	0.05523	110		25	72-130
1,1-Dichloroethene	<0.001	0.05	0.0508	102	0.05062	101		25	50-150
2-Butanone(MEK)	<0.05	0.25	0.2346	94	0.2348	94		25	60-140
Tetrachloroethene	<0.001	0.05	0.04974	99	0.04896	98	2	25	71-125
Trichloro ethene	<0.005	0.05	0.05427	109	0.05325	107	2	25	72-135
Vinyl chloride	<0.002	0.05	0.04399	88	0.04428	89	1	25	60-140

Surrogate	MB % Rec	LCS % Rec	LCSD % Rec	% Rec Limits
1,2-Dichloroethane-d4	113	106	110	63-144
4-Bromofluorobenzene	105	105	104	74-124
Dibromofluoromethane	108	104	105	75-131
Toluene-d8	104	100	101	80-120

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Reporting Date 8/3/2023
CHEMTEX File # C23070015

TCLP Semi-Volatiles
Method Blank, LCS & LCSD (mg/L)

QC Batch ID	MB ID	LCS ID	LCSD ID
112268	860-112203/1-A	860-112203/2-A	860-112203/3-A

Parameter	MB Result	Spk Added	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	RPD	RPD Limit	%Rec Limits
1,4-Dichlorobenzene	<0.005	0.04	0.02093	55	0.02033	51	3	30	37-111
2,4,5-Trichlorophenol	<0.005	0.04	0.02842	78	0.02951	74	4	30	39-125
2,4,6-Trichlorophenol	<0.005	0.04	0.02768	69	0.0282	71	2	30	42-125
2,4-Dinitrotoluene	<0.005	0.04	0.03084	77	0.03068	77	1	30	41-128
2-Methylphenol	<0.005	0.04	0.02305	58	0.0237	59	3	30	36-105
Hexachlorobenzene	<0.005	0.04	0.03268	82	0.03052	76	7	30	39-128
Hexachlorobutadiene	<0.005	0.04	0.02216	55	0.02174	54	2	30	31-120
Hexachloroethane	<0.005	0.04	0.0192	48	0.01866	47	3	30	37-109
Nitrobenzene	<0.005	0.04	0.02483	62	0.02557	64	3	30	37-114
Pentachlorophenol	<0.01	0.04	0.02335	58	0.02344	59		40	10-137
Pyridine	<0.01	0.04	0.008241	21	0.01113	28	30	50	5-130
3&4-Methylphenols	<0.01	0.04	0.02214	55	0.02217	55		30	35-116

Surrogate	MB % Rec	LCS % Rec	LCSD % Rec	% Rec limits
2,4,6-Tribromophenol	64	70	68	31-132
2-Fluorobiphenyl	83	66	63	29-112
2-Fluorophenol	46	38	39	21-114
Nitrobenzene-d5	71	60	61	26-110
Terphenyl-d14	100	88	82	20-141
Phenol-d5	33	30	30	16-117

LB (mg/L)

QC Batch ID	SAMPLE ID
112528	860-112055/1-G

Parameter	LB Sample Result	RL
1,4-Dichlorobenzene	<0.025	0.025
2,4,5-Trichlorophenol	<0.025	0.025
2,4,6-Trichlorophenol	<0.025	0.025
2,4-Dinitrotoluene	<0.025	0.025
2-Methylphenol	<0.025	0.025
Hexachlorobenzene	<0.025	0.025
Hexachlorobutadiene	<0.025	0.025
Hexachloroethane	<0.025	0.025
Nitrobenzene	<0.025	0.025
Pentachlorophenol	<0.05	0.05
Pyridine	<0.05	0.05
3&4-Methylphenols	<0.05	0.05

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Reporting Date 8/3/2023
CHEMTEX File # C23070015

Surrogate	LB% Rec	% RecLimits
2,4,6-Tribromophenol	59	31-132
2-Fluorobiphenyl	70	29-112
2-Fluorophenol	53	21-114
Nitrobenzene-d5	68	26-110
Terphenyl-d14	91	20-141
Phenol-d5	41	16-117

TCLP Pesticides
Method Blank, LCS & LCSD (mg/L)

QC Batch ID	MB ID	LCS ID	LCSD ID
112137	860-112151/1-A	860-112151/3-A	860-112151/3-A

Parameter	MB Result	Spk Added	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	RPD	RPD Limit	%Rec Limits
Chlordane	<0.00104								
Endrin	<0.0000521	0.00130	0.00145	111	0.001427	108	5	25	55-102
Heptachlor	<0.0000521	0.00130	0.001459	112	0.001443	109	5	25	55-106
Heptachlor Epoxide	<0.0000521	0.00130	0.001396	107	0.001412	107	5	25	56-109
Gamma-BHC (Lindane)	<0.0000521	0.00130	0.001429	109	0.001446	109	5	25	59-107
Methoxychlor	<0.0000521	0.00130	0.001239	95	0.001097	89	5	25	53-102
Toxaphene	<0.00104								

Surrogate	MB % Rec	LCS % Rec	LCSD % Rec	% Rec Limits
Decachlorobiphenyl	69	61	67	45-115
Tetrachloro-m-xylene	69	75	77	41-110

LB (mg/L)

QC Batch ID	Sample ID
112137	860-112055/1-E

Parameter	LB Sample Result	RL Result
Chlordane	<0.00105	0.000105
Endrin	<0.0000523	0.0000523
Heptachlor	<0.0000523	0.0000523
Heptachlor Epoxide	<0.0000523	0.0000523
Gamma-BHC (Lindane)	<0.0000523	0.0000523
Methoxychlor	<0.0000523	0.0000523
Toxaphene	<0.00105	0.00105

Surrogate	LB % Rec	% Rec Limits
Decachlorobiphenyl	63	45-115
Tetrachloro-m-xylene	80	41-110

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Reporting Date: 8/3/2023
CHEMTEX File #: C23070015

TCLP Herbicides
Method Blank, LCS & LCSD (mg/L)

QC Batch ID	MB ID	LCS ID	LCSD ID
112073	860-111960/1-A	860-111960/2-A	860-111960/3-A

Parameter	MB Result	Spk Added	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	RPD	RPD Limit	%Rec Limits
2,4-D	<0.0002	0.002	0.001869	93	0.001771	88	5	25	45-124
2,4,5-Tp	<0.0002	0.002	0.002057	103	0.001937	97	6	25	45-124

Surrogate	MB %Rec	LCS %Rec	LCSD %Rec	%Rec Limits
2,4-Dechlorophenylaceatic acid	124	120	103	42-150

LB (mg/L)

QC Batch ID	Sample ID
112073	860-112055/1-B

Parameter	LB Sample Result	RL Result
2,4-D	<0.0002	0.0002
2,4,5-Tp	<0.0002	0.0002

Surrogate	LB % Rec	% Rec Limits
2,4-Dechlorophenylaceatic acid	185	42-150

PCB's
Method Blank, LCS & LCSD (mg/kg)

QC Batch ID	MB ID	LCS ID	LCSD ID
111878	860-111773/1-A	860-111773/2-A	860-111773/3-A

Parameter	MB Result	Spk Added	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	RPD	RPD Limit	%Rec Limits
PCB-1016	<0.0167	0.167	0.1188	71	0.1217	73	2	20	27-121
PCB-1260	<0.0167	0.167	0.1271	76	0.1311	79	3	20	27-139

Surrgate	MB %Rec	LCS %Rec	LCSD %Rec	%Rec Limits
Tetrachloro-m-xylene	69	72	74	35-140
Decachlorobiphenyl	90	94	94	37-142

* * *

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Client City of Mathis
411 East San Patricio Ave.
Mathis, TX 78368

Reporting Date 8/3/2023
CHEMTEX File # C23070015

Total Metals
Method Blank, LCS (mg/kg)

QC Batch ID	MB ID	LCS ID
QbMA072623A	072623MB-S	072623LCS-S
QbHgS072723	HgS080522MB	HgS0805221LCS

Parameter	MB Result	Spk Added	LCS Result	LCS % Rec	% Rec Limit
Arsenic	<0.950	100	102	102	80-120
Cadmium	<0.563	100	101.4	101	80-120
Chromium	<0.986	100	99	99	80-120
Copper	<0.650	100	99.1	99	80-120
Lead	<0.610	100	100.2	100	80-120
Molybdenum	<0.744	100	98	98	80-120
Nickel	<0.525	100	100.7	101	80-120
Selenium	<0.999	100	102.7	103	80-120
Silver	<1.260	100	98.1	98	80-120
Zinc	<0.453	100	101.5	102	80-120
Mercury	<0.02	0.5	0.453	91	80-120

Sample Duplicate (mg/kg)

QC Batch ID	Sample ID	Dup ID
QbMA072623A	C23070197	C23070197
QbHgS072723	C23070231	C23070231

Parameter	Sample Result	Sample Dup Result	RPD	RPD Limit
Arsenic	<0.99	<0.99		20
Cadmium	1.5	1.51	0.7	20
Chromium	24.93	24.93		20
Copper	357.71	353.13	1.3	20
Lead	9.74	9.84	1.1	20
Molybdenum	14.22	14.19	0.2	20
Nickel	21.51	21.46	0.2	20
Selenium	9.34	9.44	1	20
Silver	2.66	3.05	13.9	20
Zinc	988.75	985.94	0.3	20
Mercury	<0.034	<0.034		20

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Reporting Date: 8/3/2023
CHEMTEX File #: C23070015

MS (mg/kg)

QC Batch ID	SAMPLE ID	MS ID
QbMA072623A	C23070197	C23070197
QbHgS072723	C23070231	C23070231

Parameter	Sample Result	Spk Added	MS Result	MS % Rec	% Rec Limit
Arsenic	<0.99	208	185.73	89	70-130
Cadmium	1.5	208	189.58	90	70-130
Chromium	24.93	208	229.9	98	70-130
Copper	357.71	208	554.79	95	70-130
Lead	9.74	208	188.13	86	70-130
Molybdenum	14.22	208	225.52	101	70-130
Nickel	21.51	208	212.6	92	70-130
Selenium	9.34	208	199.79	91	70-130
Silver	2.66	208	188.75	89	70-130
Zinc	988.75	208	1142.71	74	70-130
Mercury	<0.034	5.0	5.774	115	80-120

Method Blank (mg/kg)

QC Batch ID	MB ID	Parameter	Result	RL
QbMA072623A	072623	Phosphorus	<0.5	0.5
		Potassium	<0.5	0.5
QbIC072023	072023	Nitrite	<5.0	5.0
		Nitrate	<5.0	5.0
QbTKN071123	MB071123	TKN	<5.0	5.0
QbNH$_3$071023	MB071023	Ammonia-N	<0.5	0.5

LCS (mg/kg)

QC Batch ID	LCS ID	Parameter	Spk Added	LCS Result	LCS % Rec	LCSD Result	LCSD % Rec	RPD	RPD Limit	% Rec Limit
QbMA072623A	072623LCS-S	Phosphorus	200	197.3	98					80-120
		Potassium	100	83.7	84					80-120
QbIC072023	IC072023	Nitrite	250	238.33	95.3	251.13	100.5	5.2	20	90-110
		Nitrate	250	242.99	97.2	243.09	97.2		20	90-110
QbTKN071123	TKN071123	TKN	25.0	23.4	93.6					80-120
QbNH$_3$071023	NH$_3$071023	Ammonia-N	25.0	25.8	103.2					80-120

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Client: City of Mathis
411 East San Patricio Ave
Mathis, TX 78368

Reporting Date: 8/3/2023
CHEMTEX File #: C23070015

Sample Duplicate (mg/kg)

QC Batch ID	Dup ID	Parameter	Sample Result	Sample Dup Result	RPD	RPD Limit
QbMA072623A	C23070197	Phosphorus	18073	18219	0.8	20
		Potassium	3367	3345	0.7	20
QbIC072023	C23060256	Nitrite	<10.0	<10.0		20
		Nitrate	10.28	10.52	2.3	20
QbTKN071123	C23070015	TKN	1630	1600	1.9	20
Qb$NH_3$071023	C23070015	Ammonia-N	1150	1250	8.3	20

MS (mg/kg)

QC Batch ID	MS ID	Parameter	Sample Result	Spk Added	MS Result	MS % Rec	% Rec Limit
QbIC072023	C23060256	Nitrite	<10.0	100	106.34	106.3	80-120
		Nitrate	10.28	100	111.18	100.9	80-120
QbTKN071123	C23070015	TKN	1630	1000	2500	87	70-130
Qb$NH_3$071023	C23050357	Ammonia-N	1150	500	1600	90	70-130

Hari R. Chinnasani, M.Sc.
Technical Manager

csr/chr/CNR

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: N/A

Distance and direction to the intake: N/A

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

Attachment: N/A

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: N/A

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).

N/A

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).

N/A

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: Unnamed Ditch

A. Receiving water type

Identify the appropriate description of the receiving waters.

☐ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: N/A

Average depth of the entire water body, in feet: N/A

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

☒ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: N/A

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: N/A

C. Downstream perennial confluences

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

No perennial, 1 intermittent stream

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.

Flow from the outfall is discharged first to a ditch, then to an unnamed reservoir on the property before flowing into an unnamed stream until it reaches a reservoir (Lake Corpus Christi).

E. Normal dry weather characteristics

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

Man made ditch, no flow during normal dry weather conditions

Date and time of observation: N/A

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
☐ Upstream discharges
☐ Septic tanks
☐ Urban runoff
☒ Agricultural runoff
☒ Other(s), specify: Pasture land runoff

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: Drainage Ditch

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 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: 0

Average Daily Flows, in MGD: N/A

Significant IUs - non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: N/A

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: N/A

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.

N/A

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.

N/A

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.

N/A

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.

N/A

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.

N/A

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

A. General information

Company Name: N/A

SIC Code: N/A

Contact name: N/A

Address: N/A

City, State, and Zip Code: N/A

Telephone number: N/A

Email address: N/A

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).

N/A

C. Product and service information

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

N/A

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: N/A

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: N/A

Click or tap here to enter text. N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

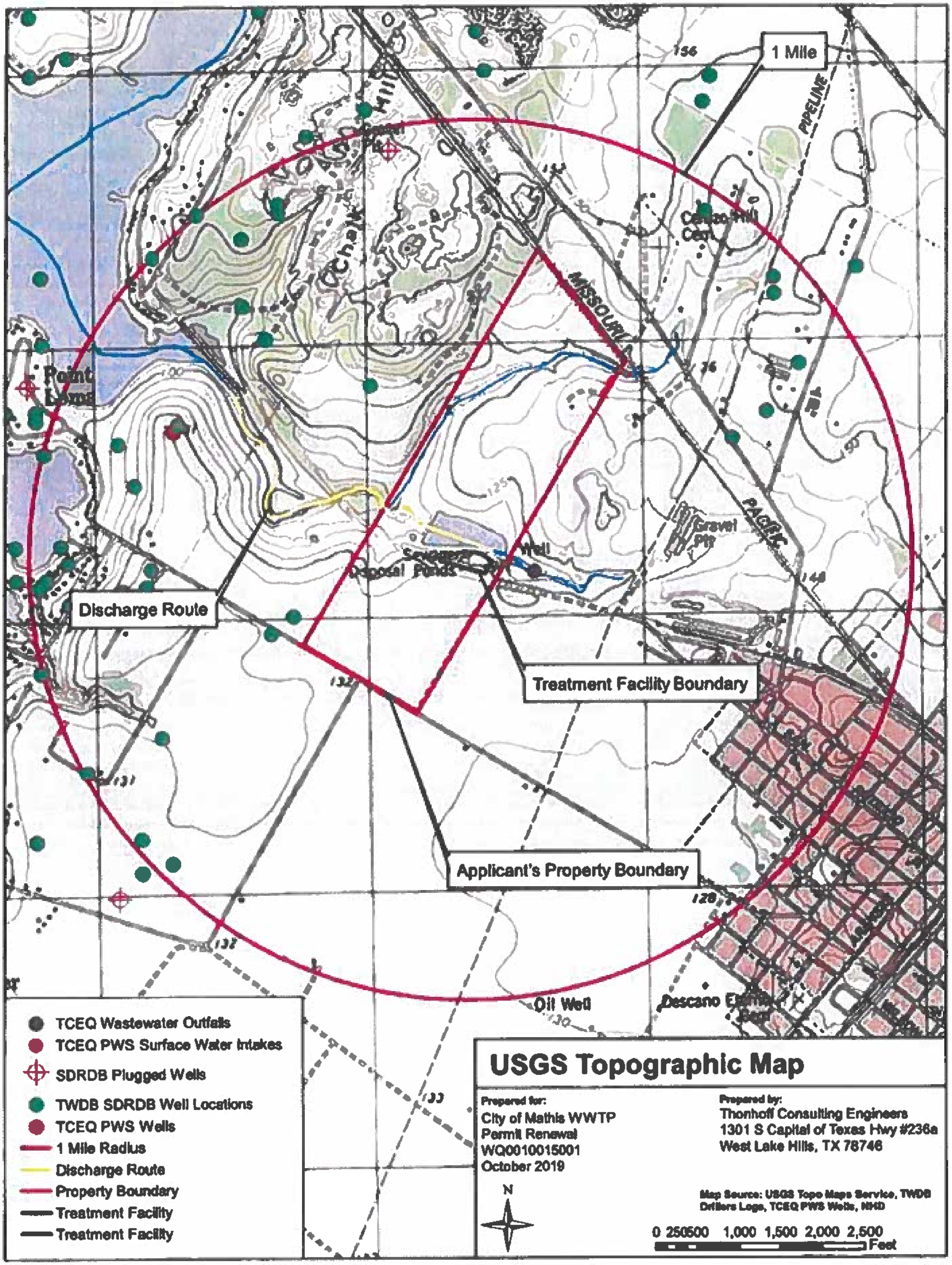
F. Industrial user interruptions

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.

N/A


1 Mile
PIPELINE
MISSOURI
PACIFIC
Discharge Route
Treatment Facility Boundary
Applicant's Property Boundary
Gravel Pit
Sewage Disposal Ponds
Well
Oil Well
TCEQ Wastewater Outfalls
TCEQ PWS Surface Water Intakes
SDRDB Plugged Wells
TWDB SDRDB Well Locations
TCEQ PWS Wells
1 Mile Radius
Discharge Route
Property Boundary
Treatment Facility
Treatment Facility
USGS Topographic Map
Prepared for:
City of Mathis WWTP
Permit Renewal
WQ0010015001
October 2019
Prepared by:
Thonhoff Consulting Engineers
1301 S Capital of Texas Hwy #236a
West Lake Hills, TX 78746
Map Source: USGS Topo Maps Service, TWDB Drillers Logs, TCEQ PWS Wells, NHD
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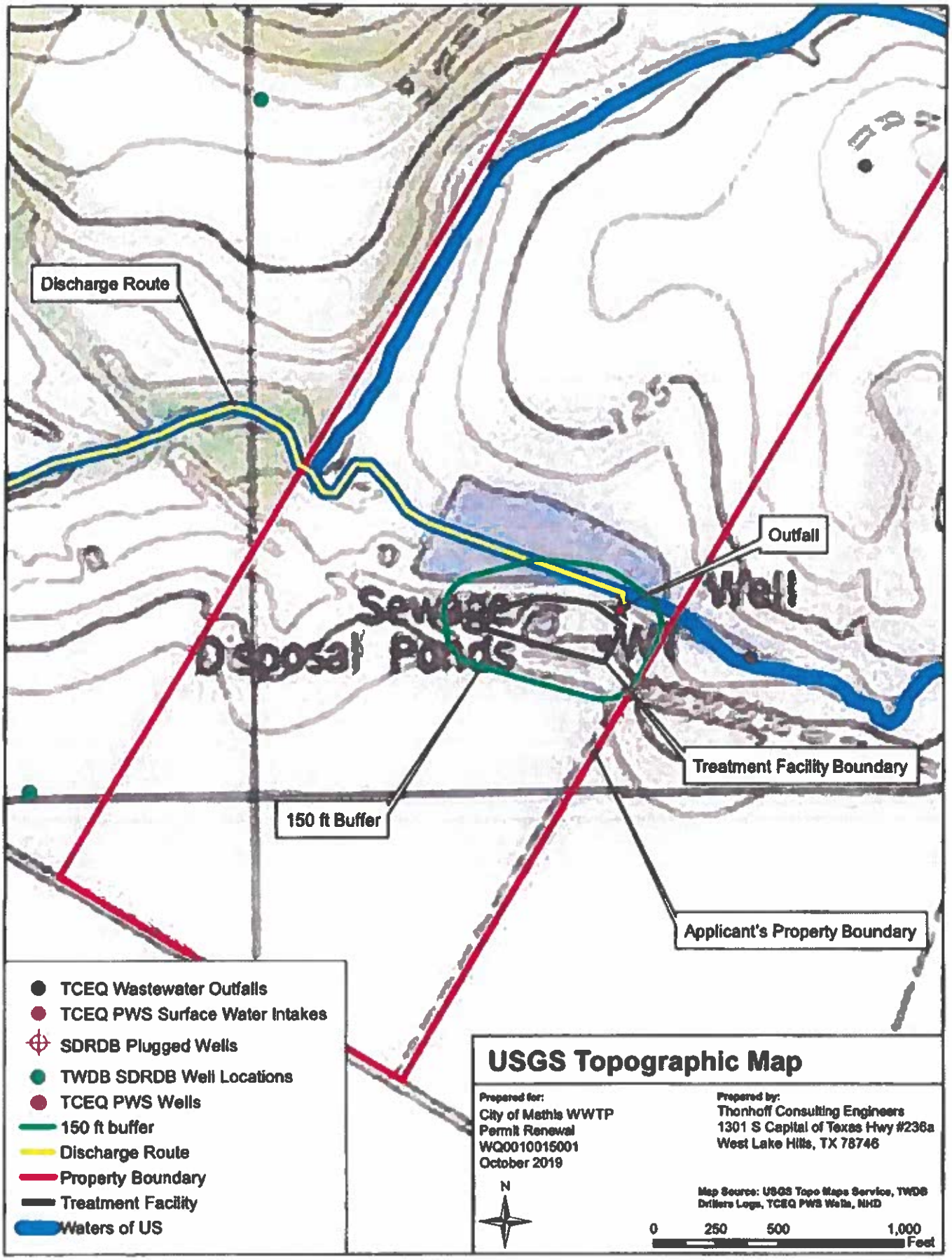
Discharge Route
Outfall
Sewage Disposal Ponds
Well
Treatment Facility Boundary
150 ft Buffer
Applicant's Property Boundary
TCEQ Wastewater Outfalls
TCEQ PWS Surface Water Intakes
SDRDB Plugged Wells
TWDB SDRDB Well Locations
TCEQ PWS Wells
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Discharge Route
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Waters of US
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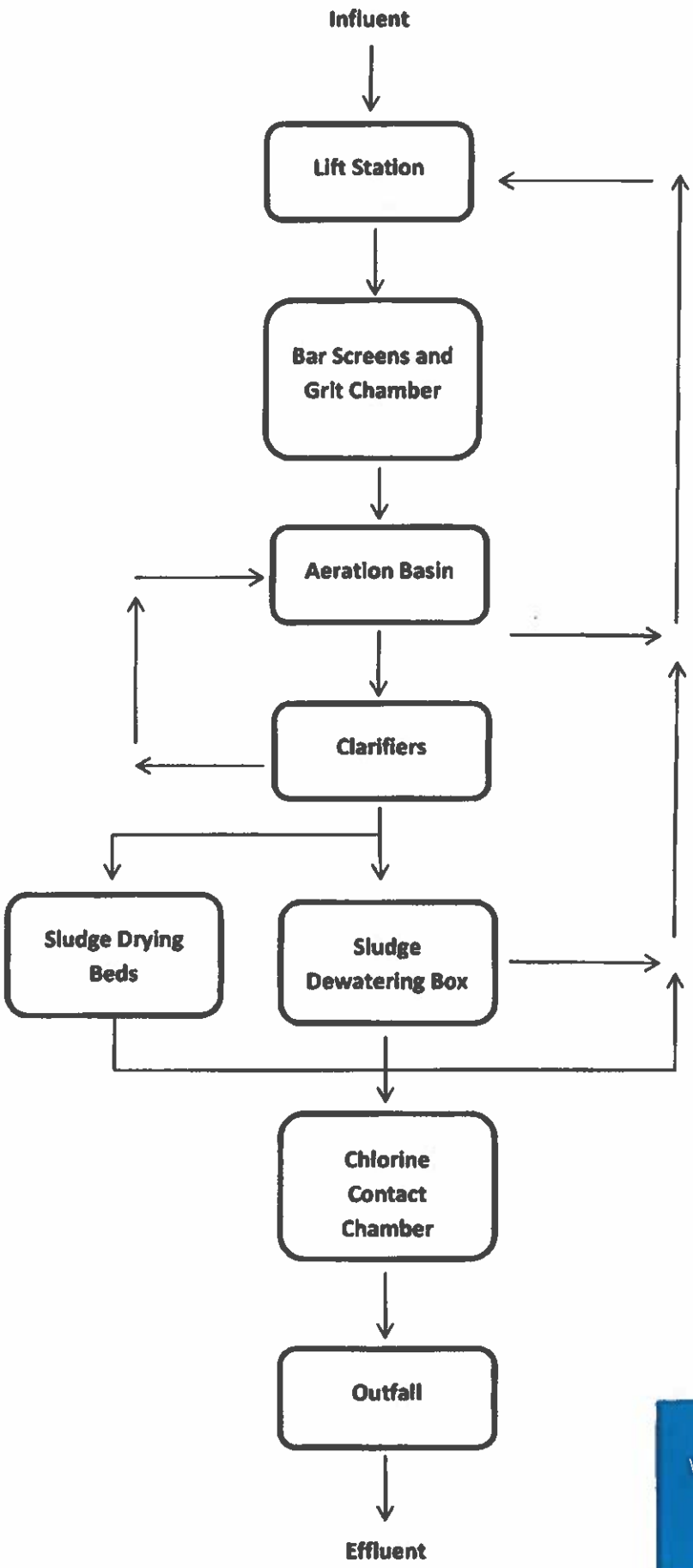
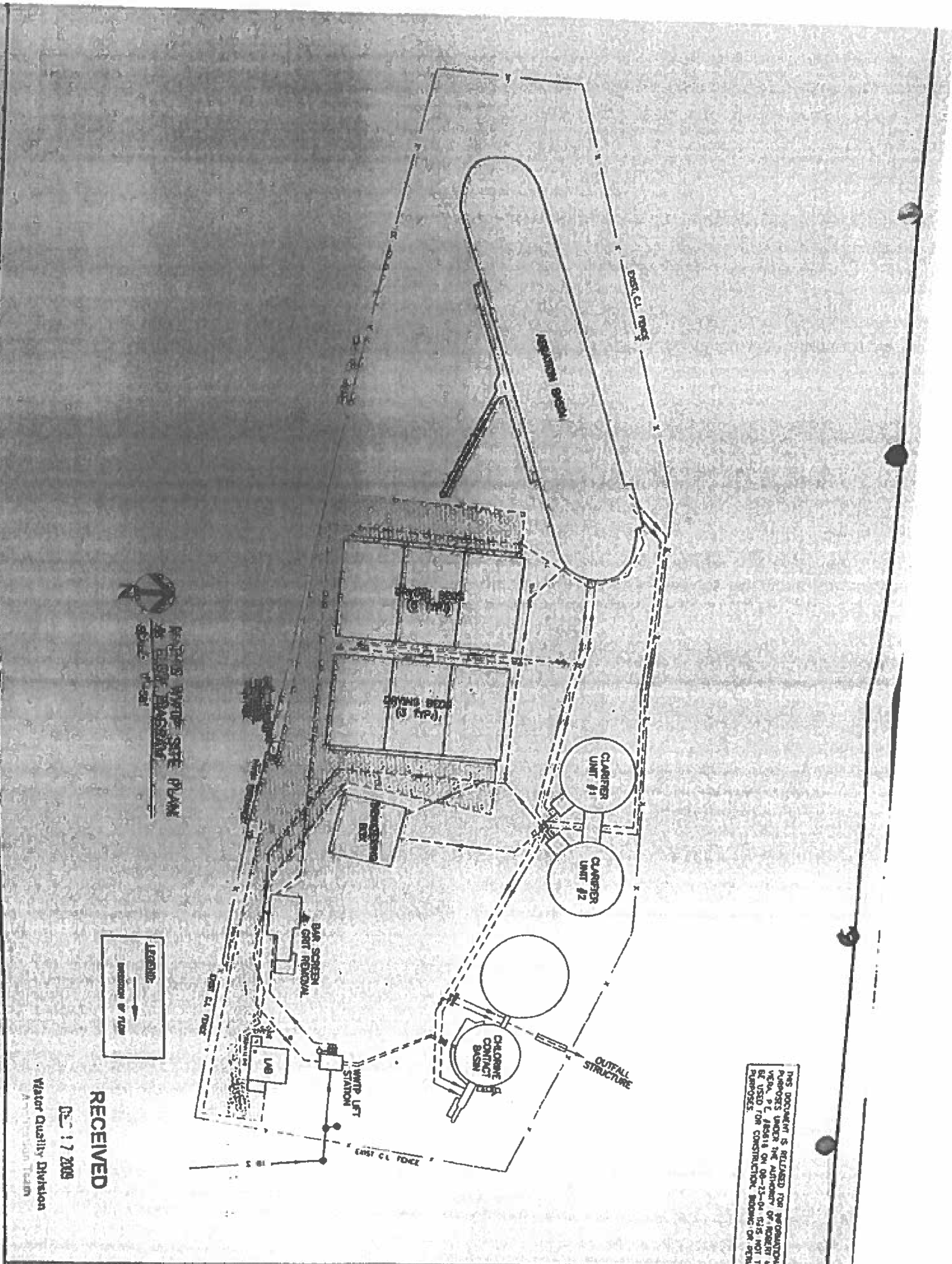


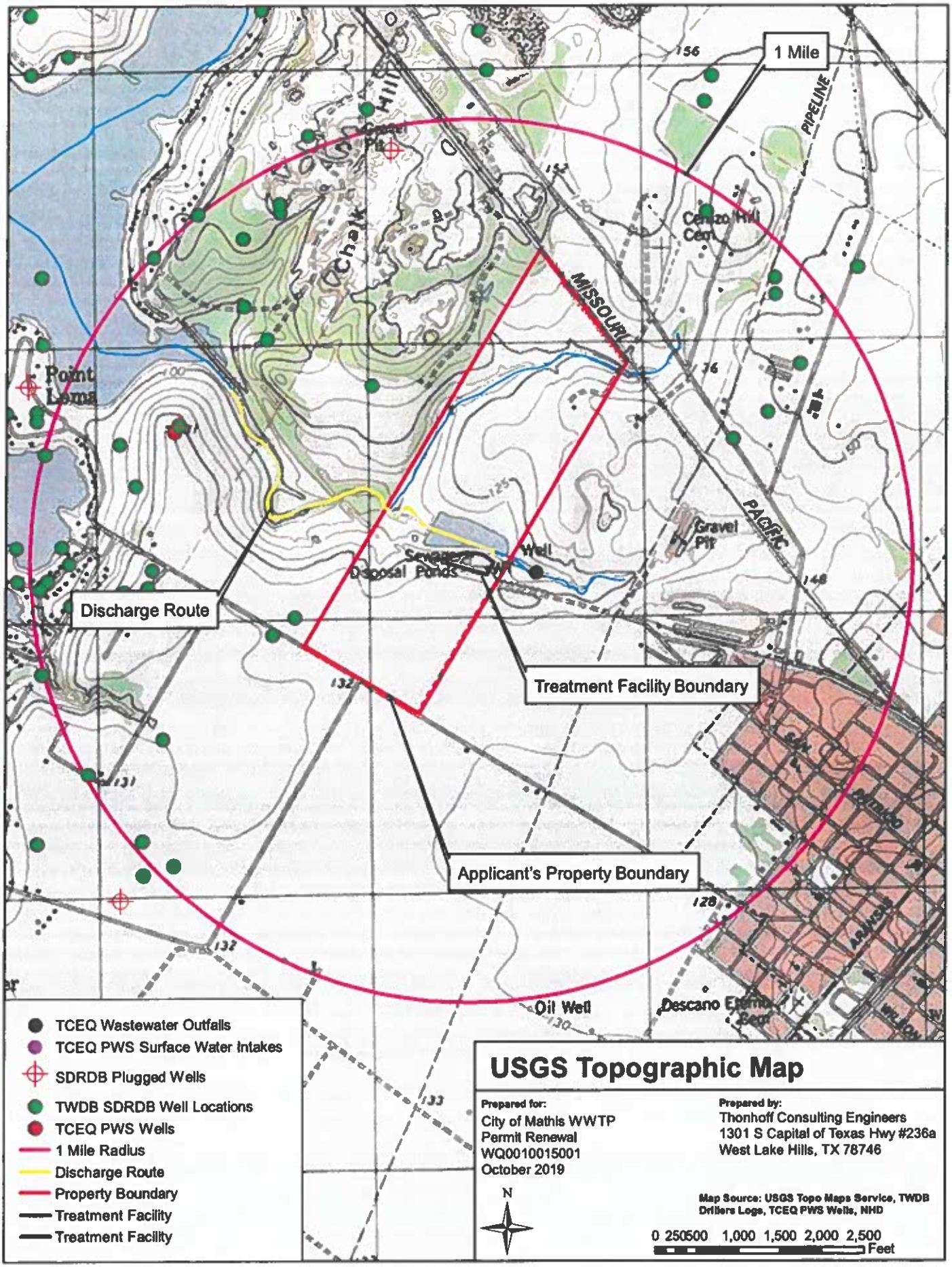
City of Mathis
Wastewater Treatment
Plant
Flow Diagram



LNV ENGINEERING
ENGINEERS & CONSULTANTS
CIVIL * STRUCTURAL * TRANSPORTATION * SURVEYING *

CITY OF MATHIS, TEXAS
WASTE WATER TREATMENT PLANT

NOT APPLICABLE

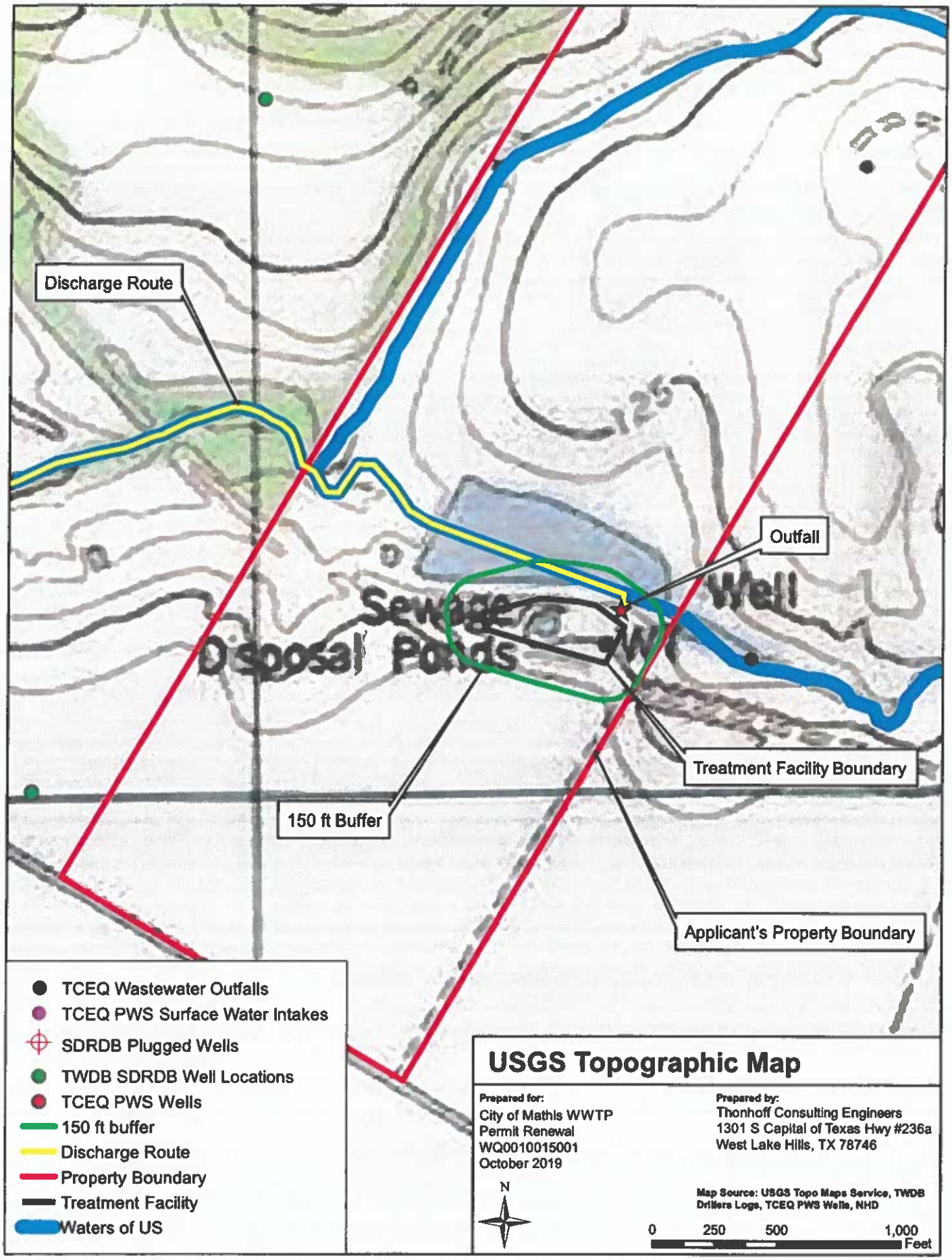


USGS Topographic Map

Prepared for:
City of Mathis WWTP
Permit Renewal
WQ0010015001
October 2019

Prepared by:
Thonhoff Consulting Engineers
1301 S Capital of Texas Hwy #236a
West Lake Hills, TX 78746

Map Source: USGS Topo Maps Service, TWDB Drillers Logs, TCEQ PWS Wells, NHD


Discharge Route
Outfall
Sewage
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Well
Treatment Facility Boundary
150 ft Buffer
Applicant's Property Boundary
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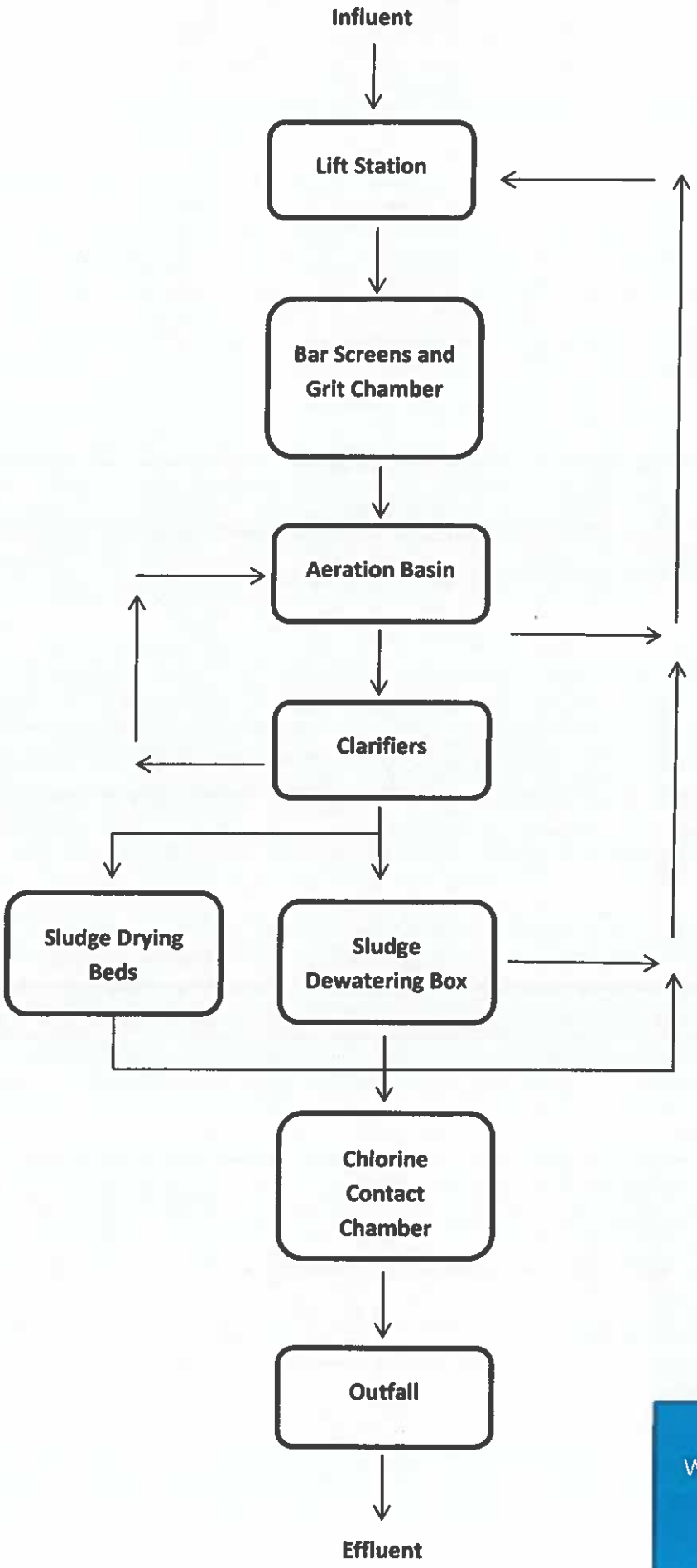
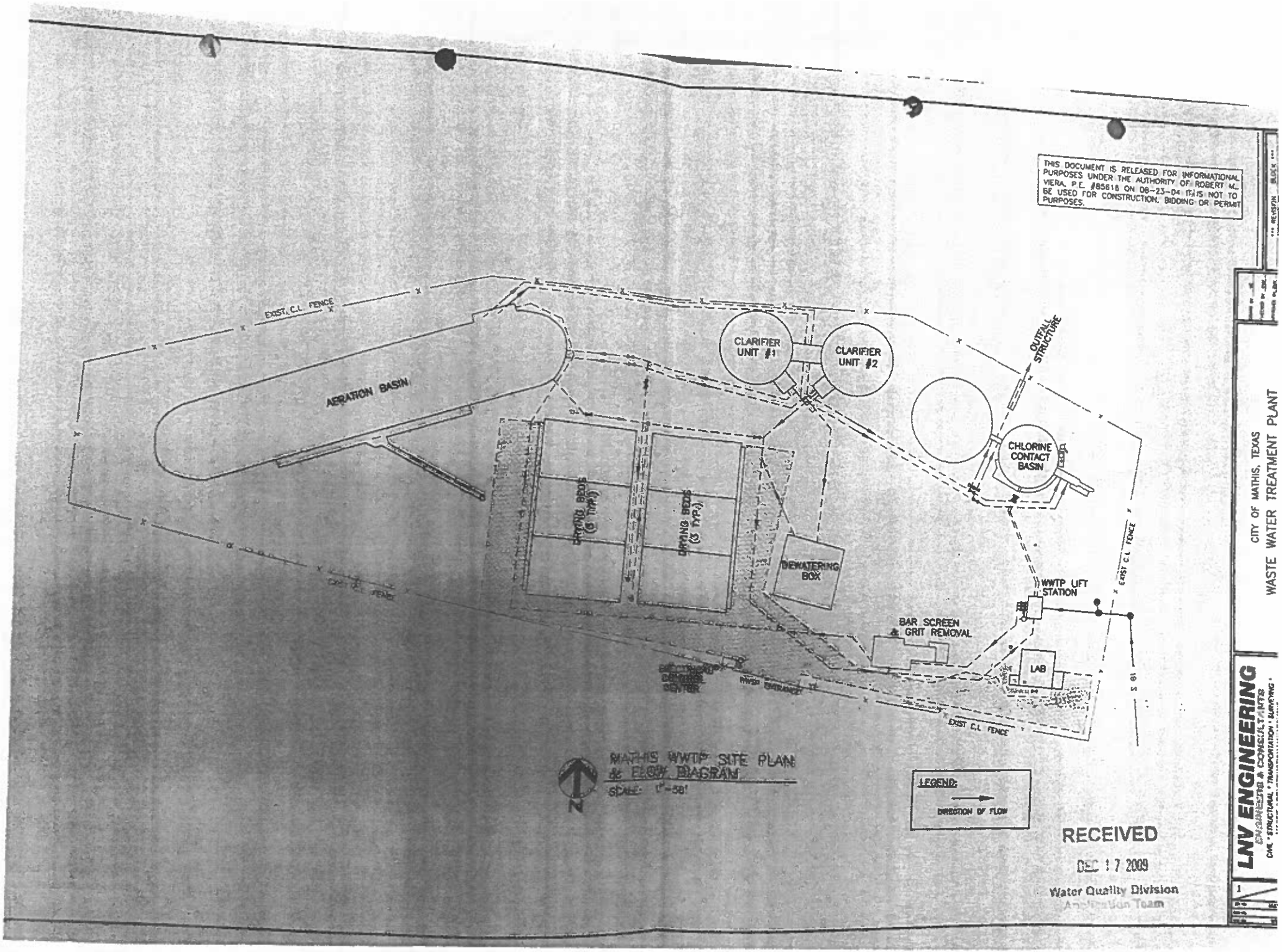


City of Mathis Wastewater Treatment Plant Flow Diagram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EXIST. C.L. FENCE
AERATION BASIN
CLARIFIER UNIT #1
CLARIFIER UNIT #2
OUTFALL STRUCTURE
CHLORINE CONTACT BASIN
DRYING BEDS (3 TYP.)
DRYING BEDS (3 TYP.)
DEWATERING BOX
WWTP LIFT STATION
BAR SCREEN & GRIT REMOVAL
LAB
EXIST C.L. FENCE
MATHIS WWTP SITE PLAN & FLOW DIAGRAM
SCALE: 1"=50'
N
LEGEND:
DIRECTION OF FLOW
RECEIVED
DEC 17 2009
Water Quality Division
Application Team
LNV ENGINEERING
ENGINEERS & CONSULTANTS
CIVIL • STRUCTURAL • TRANSPORTATION • SURVEYING
CITY OF MATHIS, TEXAS
WASTE WATER TREATMENT PLANT

Francesca Findlay

From: Robert Tafolla <pwudirector1@cityofmathis.com>
Sent: Friday, February 14, 2025 11:00 AM
To: Francesca Findlay
Cc: Cedric Davis Sr.
Subject: RE: WQ0010015001 City of Mathius

Importance: High

Francesca,

The only corrections that I made were :

- the misspelling of Mathis. It had Mathius.
- My name Mr. Charles Robert Tafolla Jr. It had Mr. Charles Tafolla but I go by my middle name Robert.
- And I removed the P.E. at the end of my name as well. It had Mr. Charles Tafolla, P.E.,

Kind Regards,

Charles Robert Tafolla Jr.
Public Works Director
City of Mathis
205 North Nueces St.
Mathis, Texas 78368
Office #: 361-547-3343
Mobile # 361-255-5488
Email: pwudirector1@cityofmathis.com

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Friday, February 14, 2025 10:23 AM
To: Robert Tafolla <pwudirector1@cityofmathis.com>
Cc: Cedric Davis Sr. <c.davissr@cityofmathis.com>
Subject: RE: WQ0010015001 City of Mathius

Good morning,

I have received your email and attachments. I only need one copy of the corrected version. I do not see any changes made to the three copies sent. Please resend with the corrections.

Thank you,

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441
Texas Commission on Environmental Quality

From: Robert Tafolla <pwudirector1@cityofmathis.com>
Sent: Thursday, February 13, 2025 5:30 PM
To: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Cc: Cedric Davis Sr. <c.davissr@cityofmathis.com>
Subject: RE: WQ0010015001 City of Mathius
Importance: High

Mrs. Findlay,

Good afternoon. Please see 2nd attachment with the original and 2 corrected versions which also include cover letters as requested. Contact me with any questions or concerns.

Kind Regards,

Charles Robert Tafolla Jr.
Public Works Director
City of Mathis
205 North Nueces St.
Mathis, Texas 78368
Office #: 361-547-3343
Mobile # 361-255-5488
Email: pwudirector1@cityofmathis.com

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Tuesday, February 4, 2025 10:59 AM
To: Cedric Davis Sr. <c.davissr@cityofmathis.com>
Cc: Robert Tafolla <pwudirector1@cityofmathis.com>
Subject: FW: WQ0010015001 City of Mathius

Dear Mr. Davis:

The attached Notice of Deficiency letter sent on February 4, 2025, requesting additional information needed to declare the application administratively complete. Please send the complete response to my attention February 18, 2025.

NOT APPLICABLE

NOT APPLICABLE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 30, 2025

Re: Confirmation of Submission of the Renewal without changes for Public Domestic Wastewater Authorization.

Dear Applicant:

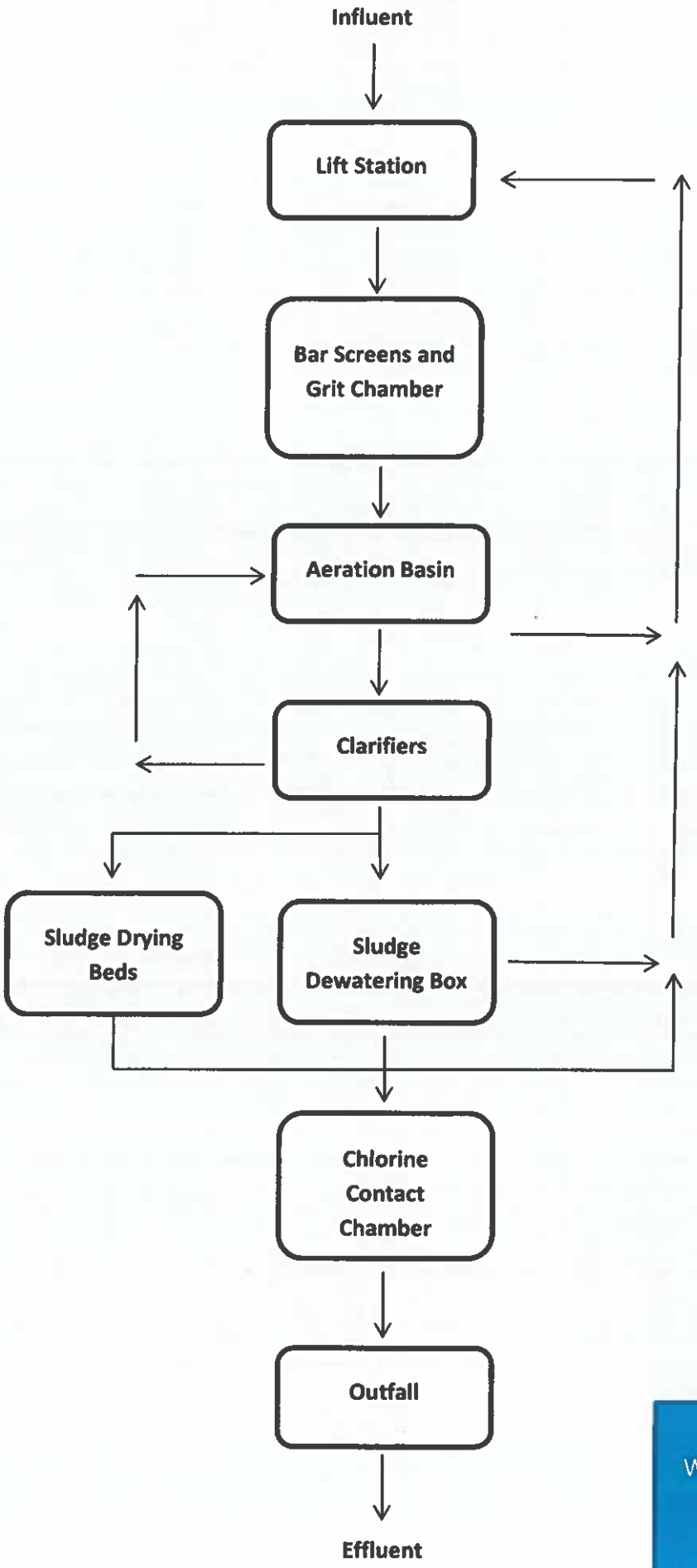
This is an acknowledgement that you have successfully completed Renewal without changes for the Public Domestic Wastewater authorization.

ER Account Number: ER110681
Application Reference Number: 748032
Authorization Number: WQ0010015001
Site Name: City of Mathis WWTP
Regulated Entity: RN102075181 - City of Mathis WWTP
Customer(s): CN600241459 - City of Mathis

Please be aware that TCEQ staff may contact your designated contact for any additional information.

If you have any questions, you may contact the Applications Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by telephone at (512) 239-4671.

Sincerely,
Applications Review and Processing Team
Water Quality Division



City of Mathis Wastewater Treatment Plant Flow Diagram

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how you will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements. After filling in the information for your facility delete these instructions.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package.** For your convenience, a Spanish template has been provided below.

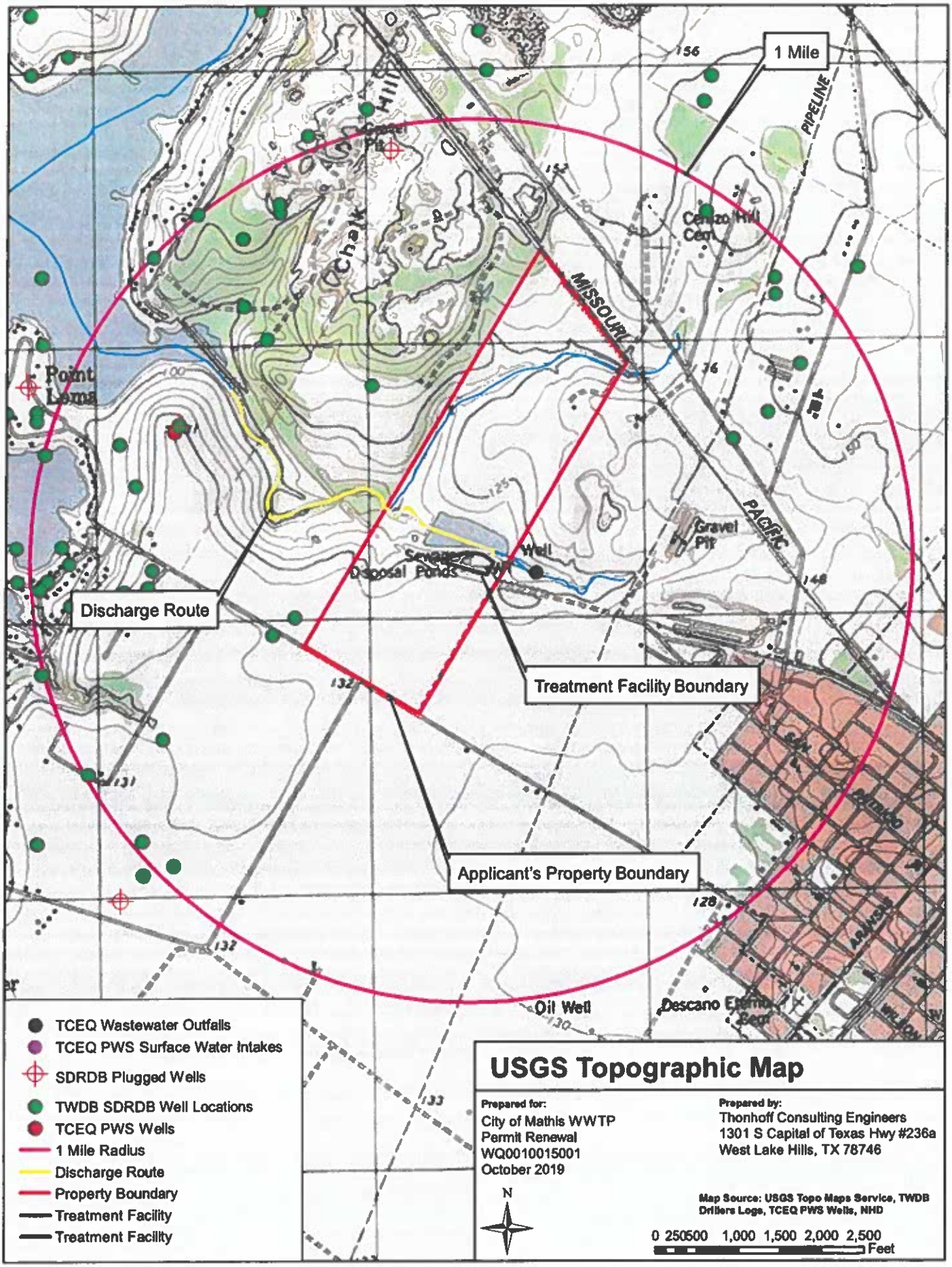
ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS 'DOMESTIC' WASTEWATER/STORMWATER

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

City of Mathis (CN600241459) operates the City of Mathis wastewater treatment plant (RN102075181), a activated sludge process plant operated in the extended aeration mode. The facility is located at approximately 1.25 miles northwest of the intersection of Farm-to-Market Road 666 and Farm-to-Market Road 1068, in Mathis, San Patricio County, Texas 78368. This application is for a renewal permit to discharge at a daily average flow of .59 million gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the

treatment units will include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber..

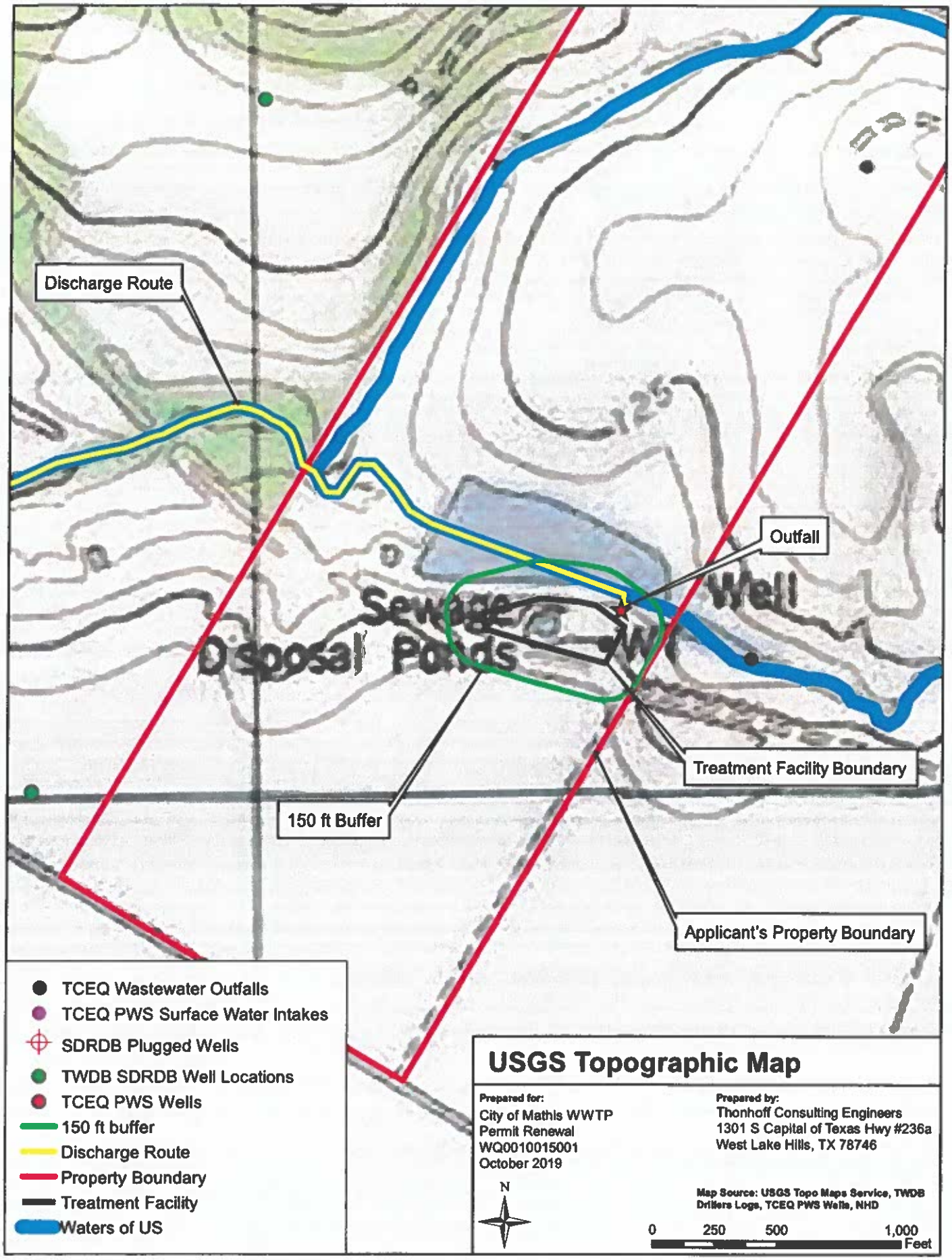


USGS Topographic Map

Prepared for:
City of Mathis WWTP
Permit Renewal
WQ0010015001
October 2019

Prepared by:
Thonhoff Consulting Engineers
1301 S Capital of Texas Hwy #236a
West Lake Hills, TX 78746

Map Source: USGS Topo Maps Service, TWDB Drillers Logs, TCEQ PWS Wells, NHD


Discharge Route
Outfall
Sewage
Disposal Ponds
Well
Treatment Facility Boundary
150 ft Buffer
Applicant's Property Boundary
TCEQ Wastewater Outfalls
TCEQ PWS Surface Water Intakes
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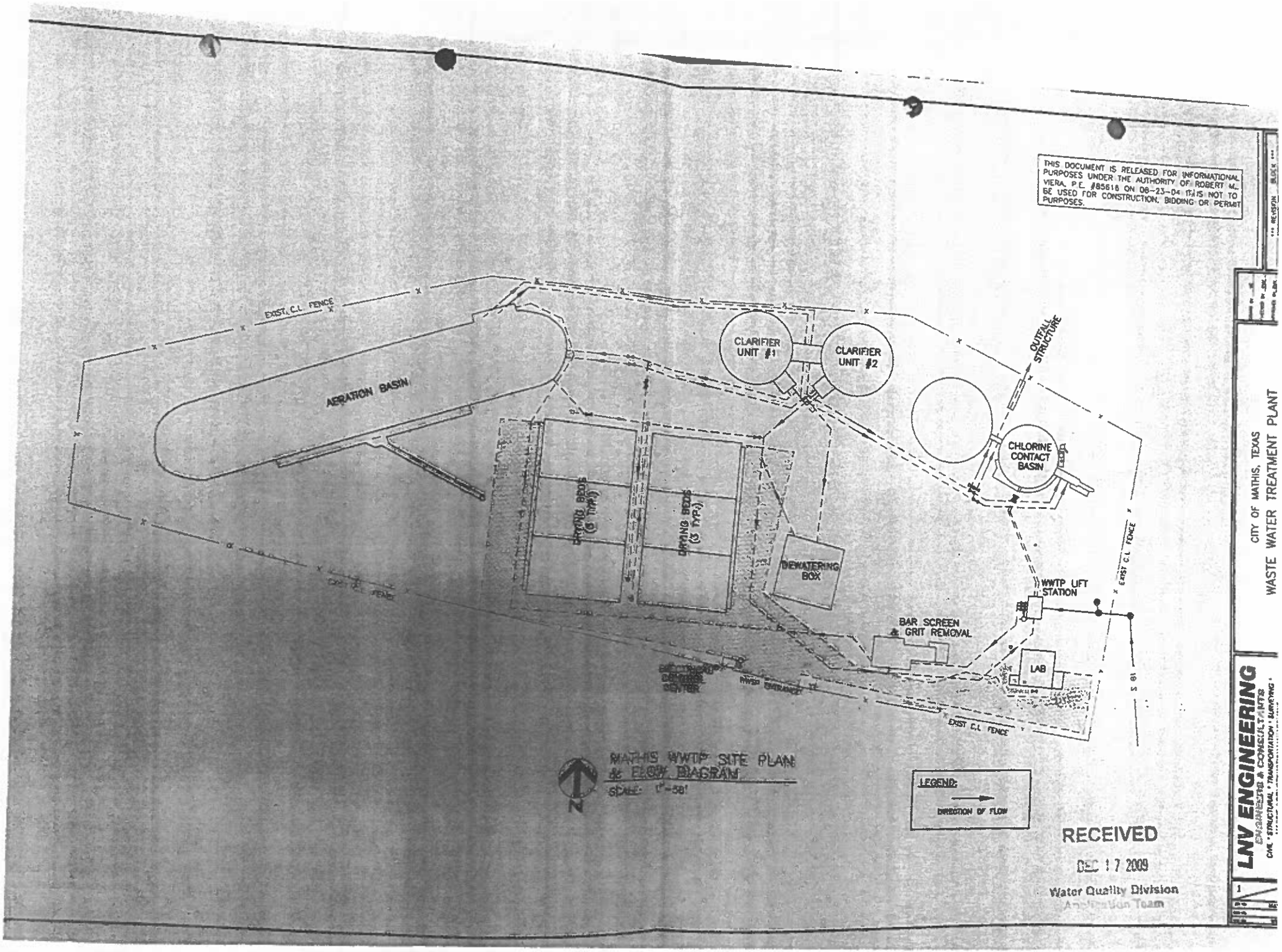
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AERATION BASIN
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CHLORINE CONTACT BASIN
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DEWATERING BOX
WWTP LIFT STATION
BAR SCREEN & GRIT REMOVAL
LAB
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MATHIS WWTP SITE PLAN & FLOW DIAGRAM
SCALE: 1"=50'
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LEGEND:
DIRECTION OF FLOW
RECEIVED
DEC 17 2009
Water Quality Division
Application Team
LNV ENGINEERING
ENGINEERS & CONSULTANTS
CIVIL • STRUCTURAL • TRANSPORTATION • SURVEYING
CITY OF MATHIS, TEXAS
WASTE WATER TREATMENT PLANT

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: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

_____ Texas Historical Commission _____ U.S. Fish and Wildlife

_____ Texas Parks and Wildlife Department _____ U.S. Army Corps of Engineers

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

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 WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: City of Mathis

   Permit No. WQ00 10015001 EPA ID No. TX 0020419

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

   No physical address. The facility is located in Mathis Texas, San Patricio County, approximately 1.25 miles NW of the intersection of Farm-to-Market Road 666 and Farm-to-Market Road 1068

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

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

First and Last Name: Cedric W. Davis Sr.

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

Title: City Manager

Mailing Address:411 San Patricio

City, State, Zip Code: Mathis TX., 78368

Phone No.: (361)547-3343 Ext.: 113 Fax No.: N/A

E-mail Address: c.davissr@cityofmathis.com

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

N/A

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

Effluent is discharged into a ditch, thence to an unnamed reservoir; thence to an unnamed tributary; then to Lake Corpus Christi in Segment 203of Nueces River Basi.

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):

N/A

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

Existing wastewater treatment plant with Native trees and grasses.

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:

N/A

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

N/A

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): .947

2-Hr Peak Flow (MGD): 2.43

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

B. Interim II Phase

Design Flow (MGD): 0.947

2-Hr Peak Flow (MGD): 2.43

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

C. Final Phase

Design Flow (MGD): 0.947

2-Hr Peak Flow (MGD): 2.43

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

D. Current Operating Phase

Provide the startup date of the facility: 1987

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 facility is an extended aeration wastewater treatment plant. The sewer flows into the plant lift station; then to the head of the plant and passes through a bar screen and grit chamber before proceeding to the aeration basin. From there the flow enters the clarifiers; activated sludge is drawn from the clarifiers with most of it returning to the aeration basin and a small amount going to the sludge drying beds. Effluent from the clarifier spills into the effluent trough where it is disinfected by chlorine. It then flows into the chlorine contact chamber for mixing/detention and then passes through the parshall flume for measurement before discharge to the outfall.

B. Treatment Units

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

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Lift Station	1	12 ft x 8 ft x 20 ft (operating D 4.5 ft)
Bar Screen and Grit Removal	1	14 ft x 14 ft x 12 ft
Aeration Basin	1	246 ft x 44 ft x 11 ft
Clarifiers	2	44 ft diameter x 11 ft
Sludge Drying Beds	2	100 ft x 50 ft x ??
Sludge Dewatering Box	1	30 Cu Yd
Chlorine Contact Chamber	1	35' diameter x 10' D

C. Process Flow Diagram

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

Attachment: Attachment 7 – Flow Diagram

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

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

- Latitude: 28.105473
- Longitude: -97.845380

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

- Latitude: N/A
- Longitude: **N/A**

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 8 – Site Drawing

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

City of Mathis

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
City Of Mathis Collection System	**City Of Mathis**	**Publicly Owned**	1500
		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.**

N/A

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.

N/A

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: 1955 and 1987

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

N/A

B. Buffer zones

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.

N/A

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.*

N/A

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.

N/A

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.

N/A

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.

N/A

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 N/A or TXRNE N/A

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:

N/A

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.

N/A

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.

N/A

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.

N/A

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.
N/A

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 BOD_5 concentration of the sludge, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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_5 concentration of the septic waste, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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.

N/A

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.

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	2.0		1	Grab	12-30-24/8:00am
Total Suspended Solids, mg/l	2.0		1	Grab	12-30-24/8:00am
Ammonia Nitrogen, mg/l	0.051		1	Grab	12-30-24/8:00am
Nitrate Nitrogen, mg/l	2.28		1	Grab	7-5-23/8:45am
Total Kjeldahl Nitrogen, mg/l	1.63		1	Grab	7-5-23/8:45am
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l	5.90		1	Grab	7-5-23/8:45am
pH, standard units	6.85		1	Grab	12-30-24/7:00am
Dissolved Oxygen*, mg/l	7.84		1	Grab	12-30-24/7:00am
Chlorine Residual, mg/l	2.5		1	Grab	12-30-24/7:am
E.coli (CFU/100ml) freshwater	<1		1	Grab	12-30-24/8:00am
Entercocci (CFU/100ml) saltwater	N/A				
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †	N/A				
Oil & Grease, mg/l					
Alkalinity ($CaCO_3$)*, mg/l					

*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					

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
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: Gabriel Ortiz

Facility Operator's License Classification and Level: WWOL – Class C Operator

Facility Operator's License Number: WW0036420

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

- ☐ Design flow>= 1 MGD
- ☐ 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: N/A

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.

Biosolids Management

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): N/A

D. Disposal site

Disposal site name: Texas Sludge Disposal Inc.

TCEQ permit or registration number: 2319

County where disposal site is located: San Patrico

E. Transportation method

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

Name of the hauler: Texas Sludge Disposal Inc.

Hauler registration number: 23676

Sludge is transported as a:

Liquid ☐ semi-liquid ☐ semi-solid ☐ solid ☒

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	☒ No
Marketing and Distribution of sludge	☐ Yes	☒ No
Sludge Surface Disposal or Sludge Monofill	☐ Yes	☒ No
Temporary storage in sludge lagoons	☐ Yes	☒ No

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

☐ Yes ☒ No

Section 11. Sewage Sludge Lagoons (Instructions Page 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: N/A
- USDA Natural Resources Conservation Service Soil Map:

  Attachment: N/A
- Federal Emergency Management Map:

  Attachment: N/A

- Site map:

  Attachment: N/A

Discuss in a description if any of the following exist within the lagoon area. Check all that apply.

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

Attachment: N/A

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:

N/A

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: N/A

Total Kjeldahl Nitrogen, mg/kg: N/A

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

Phosphorus, mg/kg: N/A

Potassium, mg/kg: N/A

pH, standard units: N/A

Ammonia Nitrogen mg/kg: N/A

Arsenic: N/A

Cadmium: N/A

Chromium: N/A

Copper: N/A

Lead: N/A

Mercury: N/A

Molybdenum: N/A

Nickel: N/A

Selenium: N/A

Zinc: N/A

Total PCBs: N/A

Provide the following information:

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

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

Total dry tons stored in the lagoons(s) over the life of the unit: N/A

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of $1x10^{-7}$ cm/sec?

☐ Yes ☒ No

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

N/A

D. Site development plan

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

N/A

Attach the following documents to the application.

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

  Attachment: N/A
- Copy of the closure plan

  Attachment: N/A
- Copy of deed recordation for the site

  Attachment: N/A
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

  Attachment: N/A
- Description of the method of controlling infiltration of groundwater and surface water from entering the site

  Attachment: N/A
- Procedures to prevent the occurrence of nuisance conditions

Attachment: N/A

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: N/A

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:

N/A

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:

N/A

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: N/A

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

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

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

CERTIFICATION:

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

Printed Name: Cedric Davis Sr.

Title: City Manager

Signature: _____

Date: 01-29-2025

Client: City of Mathis
Project/Site: WWTP, 12/30/24

Job ID: 560-123341-1

Client Sample ID: WWTP Effluent
Date Collected: 12/30/24 08:00
Date Received: 12/30/24 10:11

Lab Sample ID: 560-123341-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia (EPA 350.1)	<0.051		0.10	0.051	mg/L			01/02/25 18:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids (SM 2540D)	<2.0		2.0	2.0	mg/L			12/31/24 07:41	1
Carbonaceous Biochemical Oxygen Demand (SM 5210B CBOD)	<2.0		2.0	2.0	mg/L			12/30/24 13:50	1

Corpus Christi Water Department
City of Corpus Christi
Water Utilities Laboratory
13101 Leopard Street
361-826-1200 Fax: 361-242-9131

Analytical Report

Client Info	EUROFINS XENCO 1733 N.P.I.D. Corpus Christi, TX 78408 (361)289-2673
Phone:	**EMAIL:** lindy.maingot@et.eurofinsus.com
Report# /Lab ID#:	AC47963
Report Date:	12/31/24
Sample Name:	560-1233341-A-2
Date Received:	12/30/2024 **Time:** 14:23
Date Sampled:	12/30/2024 **Time:** 08:05

Parameter	Result	Unit	Flag	RL	Date/Time Analyzed	Method	Analyst	Analysis Comments
E. coli (MPN)	<1.0	MPN		1.0	12/30/24 15:41	SM 9223 B - Colil	VP	

Sample Comments:

This analytical report is respectfully submitted by the Water Utilities Laboratory. The enclosed results reflect only the sample(s) identified above. The results have been carefully reviewed and, unless otherwise indicated, meet the NELAC requirements as described by the Water Utilities Lab's QA/QC program. No part of this report shall be reproduced or transmitted in any form or by any means without the written consent of the City of Corpus Christi-Water Utilities Lab.

Respectfully Submitted,

Technical Director (or designee)

1. Quality assurance data for the sample batch which included this sample.
2. Precision (PREC) is the absolute value of the relative percent difference between duplicate results.
3. Recovery (RECOV) is the percent of analyte recovered from a spiked sample.
4. Laboratory Control Sample (LCS) results are expressed as the percent recovery of analyte.
5. Reporting Limit (RL), typically at or above the Limit of Quantitation (LOQ) of the analytical method.
6. Data Qualifiers:

N=Analysis not performed as per client request. H=Sample exceeded holding time. P=Analysis is from an unpreserved sample. J=Value reported is less than the RL but greater than the MDL.
X=MS/MSD recovery or duplicates analysis exceeded the acceptance limit or Standard failed. LA=Lab accident. LE=Lab error. OA=Outside the scope of the lab's NELAC accreditation.
U=Unsuitable: sample turned turbid after incubation. T=Sample below temp requirement; not on ice. EQ=Equipment failure. I=Information on sample bottle and COC does not match.
S=Slow to filter; sample contains floc and/or large amount of residue on filter. O=Analysis performed by an outside NELAC accredited lab. O^=Analysis flagged by outside laboratory.
Z=Too many colonies present to provide a result (TNTC). A=Value reported is the mean of two or more determinations. R=Reagent water contamination suspected. B=Sample broken in transit.
MI=Not analyzed due to interferences. K=BOD result estimated due to blank exceeding the allowable oxygen depletion. D=Sample dilution required for analysis/ quality control.
SC=BOD/CBOD calculated using a seed correction factor not within acceptable range. QB=No QC data assigned to sample, sample result not affected.
EL=Oxygen usage is less than 2mg/L for all dilutions analyzed. The reported value is an estimated less than value and is calculated for the dilution containing the greatest concentration of sample.
EG=Less than 1mg/L DO remained for all dilutions analyzed. The reported value is an estimated greater than value and is calculated for the dilution containing the least concentration of sample.
E= The data exceed the upper calibration limit; therefore the concentration is reported as an estimate.

City of Mathis - Arguijo - Zapata Wastewater Treatment Plant

Parshall Flume — Reading Log Month & Year: DECEMBER 2024_____ — Aeration Ditch

Date	Time	Initials	Reading	Daily Flow	CL/2	PH	Temp	DO	CL1	CL2	Set. Solids	DO	PH	Temp	Rain Y/N
1		GO	90918227	0.252	3				0.75	0.75					0
2		GO	91178227	0.26	1.3	6.84	20.8	7.42	1.25	2	600				0
3		GO	91500200	0.322	3.5	6.73	20.5	7.65	1.5	1		3.8	7.06	20.2	0
4		GO	91764800	0.265	3.5	6.83	20.8	7.67	2	1.25	620				0.2 RAIN
5		GO	92031800	0.267	3.4	6.82	20.9	7.86	1	1		4.26	7.04	22	0.1 RAIN
6		GO	92305660	0.274	3.6	6.81	20.5	7.81	1	0.5	720				0
7		GO	92567660	0.262	3.5				1	0.5					0
8		GO	92813560	0.246	3.4				1	1					0.1 RAIN
9		GO	93109999	0.296	3.9	6.72	19.5	7.64	1.5	0.5	650				0.2 RAIN
10		GO	93362700	0.253	3.8	6.83	19.8	7.7	1.25	0.5		4.85	7.03	20.4	0
11		GO	93617700	0.255	3.5	6.8	18.3	7.81	1.25	1.25	650				0
12		GO	93855236	0.238	3.2	6.84	17.5	7.66	1	1.25		4.12	7.13	16.6	0
13		GO	94117475	0.262	3.2	6.79	19.8	7.67	1	1	700				0
14		GO	94388000	0.271	3.1				1	1					0.3 RAIN
15		GO	94657000	0.269	2.7				1	1					0.1 RAIN
16		GO	94940444	0.283	3.1	6.67	22.6	7.72	1.5	1.25	600				0
17		GO	95205500	0.265	3.1	6.78	22.5	7.69	1.25	0.75		3.42	7.1	22.8	0
18		GO	95475050	0.27	2.5	6.74	22.9	7.58	1.25	0.75	600				0
19		GO	95735000	0.26	3.6	6.8	21.1	7.46	1.25	0.75		3.02	7.2	21	0
20		GO	95997000	0.262	3.3	7.02	20.6	6.72	1.25	0.75	600				0
21		GO	96228946	0.232	3.6				1.25	0.75					0
22		GO	96487850	0.259	2.2				1.25	0.75					0
23		GO	96775800	0.288	3.3	6.87	21	7.74	1.25	0.5	650				0
24		GO	96936056	0.16	3.6	6.76	20.9	7.68	1.25	0.75		6.14	7.53	21.6	0
25		GO	97162477	0.226	2.5	6.92	22	7.74	1.25	0.75	650				0
26		GO	97417477	0.255	2.8	6.92	21.9	7.8	1.25	1		3.91	7.16	22.3	0
27		GO	97693250	0.276	3.2	6.9	20.7	7.85	1.25	1	700				0
28		GO	97951307	0.258	2.6				1.25	1					0
29		GO	98223835	0.273	2.3				1.25	1					0
30		GO	98503835	0.28	2.5	6.85	20.6	7.84	1.5	1.25	600				0
31		GO	98788620	0.285	2.2	6.92	20.4	7.81	1.5	1.25		3.95	7.21	20.5	0

			Daily Flow	CL/2		PH		DO
	Total		8.12	95		150.16		168.52
	Average		0.262	3.06		6.83		7.66
	Max		0.322	3.9		7.02		7.86
	Min		0.16	1.3		6.67		6.72

CHEMTEX
Environmental & Industrial Hygiene Services

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Client: City of Mathis
411 East San Patricio Ave
Mathis, TX 78368

Attn: Mr. Stephen Mayfield
Phone: 361-547-5951
Cell: 361-533-0467
Fax: 361-547-4212; 547-3836
E-Mail: pwudirector@cityofmathis.com

Reporting Date: 8/3/2023
Sample Matrix: Sludge
Date Collected: 7/05/23
Time Collected: 8:45 am
Collected by: Mr. Phlip Amador Jr.
Date Received: 7/05/23
Time Received: 1:20 pm
CHEMTEX File #: C23070015

RESULTS OF ANALYSIS
PROJECT: ANNUAL SLUDGE TESTING
Site/Location: WWTP, County Road 4, Mathis, TX
Sample Identification: Sludge
TOXICITY CHARACTERISTICS LEACHING PROCEDURE CONSTITUENTS

Parameter	Units	Results	RL	RMCCL
TCLP Metals				
Arsenic	mg/L	<0.05	0.05	5
Barium	mg/L	1.097	0.09	100
Cadmium	mg/L	<0.02	0.02	1
Chromium	mg/L	0.0261	0.02	5
Lead	mg/L	<0.01	0.01	5
Selenium	mg/L	<0.06	0.06	1
Silver	mg/L	<0.055	0.055	5
Mercury	mg/L	<0.0002	0.0002	0.2
***TCLP Volatiles**				
Benzene	mg/L	<0.001	0.001	0.5
Carbon tetrachloride	mg/L	<0.005	0.005	0.5
Chlorobenzene	mg/L	<0.001	0.001	100
Chloroform	mg/L	<0.001	0.001	6
1,2-Dichloroethane	mg/L	<0.001	0.001	0.5
1,1-Dichloroethene	mg/L	<0.001	0.001	0.7
2-Butanone(MEK)	mg/L	<0.05	0.05	200
Tetrachloroethene	mg/L	<0.001	0.001	0.7
Trichloro ethene	mg/L	<0.005	0.005	0.5
Vinyl chloride	mg/L	<0.002	0.002	0.2

Percent Recovery of Surrogates

Compound Name	Units	% Recovery	Limits
1,2 Dichloroethane d4	%	117	63-144
4-Bromofluorobenzene	%	107	74-124
Dibromofluoromethane	%	103	75-131
Toluene-d8	%	101	80-120

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401 N. 11 Street, La Porte, Texas 77571 (281) 867-9900 FAX (281) 867 1155

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411 East San Patricio Ave
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Reporting Date:	8/3/2023
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RESULTS OF ANALYSIS

PROJECT: ANNUAL SLUDGE TESTING
Site/Location: WWTP, County Road 4, Mathis, TX
Sample Identification: Sludge

TOXICITY CHARACTERISTICS LEACHING PROCEDURE CONSTITUENTS

***TCLP Semi-Volatiles**

Parameter	Units	Results	RL	RMCCL
1,4-Dichlorobenzene	mg/L	<0.125	0.125	7.5
2,4,5-Trichlorophenol	mg/L	<0.125	0.125	400
2,4,6-Trichlorophenol	mg/L	<0.125	0.125	2
2,4-Dinitrotoluene	mg/L	<0.125	0.125	0.13
2-Methylphenol	mg/L	<0.125	0.125	200
Hexachlorobenzene	mg/L	<0.125	0.125	0.13
Hexachlorobutadiene	mg/L	<0.125	0.125	0.5
Hexachloroethane	mg/L	<0.125	0.125	3
Nitrobenzene	mg/L	<0.125	0.125	2
Pentachlorophenol	mg/L	<0.25	0.25	100
Pyridine	mg/L	<0.25	0.25	5
3&4-Methylphenols	mg/L	<0.25	0.25	200

Percent Recovery of Surrogates

Compound Name	Units	% Recovery	Limits
2,4,6-Tribromophenol	%	58	31-132
2-Fluorobiphenyl	%	53	29-112
2-Fluorophenol	%	36	21-114
Nitrobenzene-d5	%	57	26-110
Terphenyl-D14	%	63	20-141
Phenol-d5	%	34	16-117

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RESULTS OF ANALYSIS
PROJECT: ANNUAL SLUDGE TESTING
Site/Location: WWTP, County Road 4, Mathis, TX
Sample Identification: Sludge
TOXICITY CHARACTERISTICS LEACHING PROCEDURE CONSTITUENTS

***TCLP Pesticides**

Parameter	Units	Results	RL	RMCCL
Chlordane	mg/L	<0.00103	0.00103	0.03
Endrin	mg/L	<0.0000515	0.0000515	0.02
Heptachlor	mg/L	<0.0000515	0.0000515	0.008
Heptachlor Epoxide	mg/L	<0.0000515	0.0000515	
Gamma-BHC (Lindane)	mg/L	<0.0000515	0.0000515	0.4
Methoxychlor	mg/L	<0.0000515	0.0000515	10
Toxaphene	mg/L	<0.00103	0.00103	0.5

Percent Recovery of Surrogates

Compound Name	Units	% Recovery	Limits
Decachlorobiphenyl	%	23	45-115
Tetrachloro-m-xylene	%	66	41-110

***TCLP Herbicides**

Parameter	Units	Results	RL	RMCCL
2,4-D	mg/L	<0.0002	0.0002	10.0
2,4,5 TP	mg/L	<0.0002	0.0002	1.0

Percent Recovery of Surrogates

Compound Name	Units	% Recovery	Limits
2,4 Dichlorophenylacetic acid	%	82	42-150

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RESULTS OF ANALYSIS
PROJECT: ANNUAL SLUDGE TESTING
Site/Location: WWTP, County Road 4, Mathis, TX
Sample Identification: Sludge
TOXICITY CHARACTERISTICS LEACHING PROCEDURE CONSTITUENTS

***Polychlorinated Biphenyls (PCBs)#**

Parameter	Units	Results	RL
Aroclor 1016	mg/kg	<0.143	0.143
Aroclor 1221	mg/kg	<0.143	0.143
Aroclor 1232	mg/kg	<0.143	0.143
Aroclor 1242	mg/kg	<0.143	0.143
Aroclor 1248	mg/kg	<0.143	0.143
Aroclor 1254	mg/kg	<0.143	0.143
Aroclor 1260	mg/kg	<0.143	0.143

Percent Recovery of Surrogates

Compound Name	Units	% Recovery	Limits
Tetrachloro-m-xylene	%	56	35-140
Decachlorobiphenyl	%	91	37-142

Total Metals#

Parameter	Units	Results	RL
Arsenic	mg/kg	2.67	0.39
Cadmium	mg/kg	1.32	0.23
Chromium	mg/kg	15.73	0.41
Copper	mg/kg	557.85	0.27
Lead	mg/kg	23.81	0.25
Molybdenum	mg/kg	3.81	0.31
Nickel	mg/kg	13.42	0.22
Selenium	mg/kg	4.88	0.41
Silver	mg/kg	5.24	0.52
Zinc	mg/kg	583.06	0.19
Mercury	mg/kg	<0.29	0.029

CHEMTEX
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Reporting Date: 8/3/2023
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Collected by: Mr Phlip Amador Jr
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Time Received: 1:20 pm
CHEMTEX File #: C23070015

1-9-25 phone call to R.E. Divide By 1000 per Steve Mayfield due to results are in mg & need to be in mg/L

RESULTS OF ANALYSIS

PROJECT: ANNUAL SLUDGE TESTING
Site/Location: WWTP, County Road 4, Mathis, TX
Sample Identification: Sludge

TOXICITY CHARACTERISTICS LEACHING PROCEDURE CONSTITUENTS

Parameter	Units	Results	RL
Total Nitrogen (as N) (Nitrate+Nitrite+TKN)	mg/kg	2289.28	-
Total Phosphrous (as P)	mg/Kg	5905	0.1
Total Potassium (as K)	mg/Kg	3186	0.21
Nitrate-Nitrite	mg/Kg	659.28	10
TKN	mg/Kg	1630	25
Ammonia-N	mg/Kg	1150	5
***SOUR Test	(mg/g)/h	0.183	-
**%Total Solids	%	45.11	-

CHEMTEX ID	Replicates	Parameter	Units	Results	RL
**C23070015A#	Rep 1	Fecal Coliform	Col/1g	13301	1000
**C23070015B#	Rep 2	Fecal Coliform	Col/1g	20436	1000
**C23070015C#	Rep 3	Fecal Coliform	Col/1g	31524	1000
**C23070015D#	Rep 4	Fecal Coliform	Col/1g	59894	1000
**C23070015E#	Rep 5	Fecal Coliform	Col/1g	91887	1000
**C23070015F#	Rep 6	Fecal Coliform	Col/1g	35571	1000
**C23070015G#	Rep 7	Fecal Coliform	Col/1g	81374	1000
*Geomean of Fecal Coliform		Col/1 gm of Dry Sludge		38970	1000

RL (Reporting Limit) values in our report are our lowest analyses limits, not the Reporting Limits to report to any Governmental Agencies
RMCCL: Regulatory Maximum Concentration of Contaminants in the TCLP Leachate
Analysis performed at NELAP Accredited laboratories (T104704461-23-17), *(T104704215-23-50), **(T104704259-23-7)
#Total Metals, *PCB's & **Geomean Fecal coliform reported on Dry Weight Basis
Analysis performed and Accreditation not offered by any regulatory authority
Report generated at CHEMTEX, Corpus Christi, TX.

CHEMTEX
Environmental & Industrial Hygiene Services

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401 N. 11 Street, La Porte Texas 77571 (281) 867-9900 FAX (281) 867-1155

Client: City of Mathis
411 East San Patricio Ave.
Mathis, TX 78368

Reporting Date: 8/3/2023
CHEMTEX File #: C23070015

Parameter	Method Reference	Date Analyzed/Analyzed By
TCLP Metals	1311/6010B	7/27/23 BRK
TCLP Mercury	1311/7470A	7/27/23 BRK
*TCLP Volatiles	1311/8260C	7/11/23 AN
*TCLP Semivolatiles	1311/8270D	7/14/23 PXS
*TCLP Pesticides	1311/8081B	7/14/23 WP
*TCLP Herbicides	1311/8151A	7/14/23 BNW
*PCB's	EPA8082A	7/12/23 WP
Total Metals	EPA6010B	7/26/23 BRK
Total Mercury	EPA7471A	7/27/23 BRK
Total Nitrogen	Calculated	7/20/23 BB
Total Phosphrous/Potassium	EPA6010B	7/26/23 BRK
Nitrate-Nitrite	EPA9056A	7/20/23 BB
TKN	SM 4500-Norg B & SM 4500-NH_3-D	7/11/23 BRK
Ammonia-N	SM4500NH_3D	7/10/23 BRK
%Total Solids	SM2540G	7/15/23 CSR
Geometric Mean of Fecal Coliform	SM 9222 D-97	7/05-06/23 CSR
SOUR Test	SM 2710 B-97	7/06/23 GC

LABORATORY QUALITY CONTROL DATA

TCLP Metals
Method Blank, LCS (mg/L)

QC Batch ID	MB ID	LCS ID
QbMA072723A	072723 MB-TCLP	072723 LCS-TCLP
QbHg072723	Hg072723-TCLP-MB	Hg072723-TCLP-LCS

Parameter	MB Result	Spk Added	LCS Result	LCS % Rec	% Rec Limit
Arsenic	<0.05	1.0	1.036	104	85-115
Barium	<0.09	1.0	1.031	103	85-115
Cadmium	<0.02	1.0	1.047	105	85-115
Chromium	<0.02	1.0	1.019	102	85-115
Lead	<0.01	1.0	1.041	104	85-115
Selenium	<0.06	1.0	1.054	105	85-115
Silver	<0.055	1.0	0.933	93	85-115
Mercury	<0.0002	0.002	0.0019	94	80-120

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401 N. 11 Street, La Porte, Texas 77571 (281) 867-4900 FAX (281) 867-3155

Client: City of Mathis
411 East San Patricio Ave
Mathis, TX 78368

Reporting Date: 8/3/2023
CHEMTEX File #: C23070015

Sample Duplicate (mg/L)

QC Batch ID	Sample ID	Dup ID
QbMA072723A	S23070620	S23070620
QbHg072723	C23070231	C23070231

Parameter	Sample Result	Sample Dup Result	RPD	RPD Limit
Arsenic	<0 05	<0 05		20
Barium	0 101	0 102	0 9	20
Cadmium	<0 02	<0 02		20
Chromium	<0 02	<0 02		20
Lead	1 709	1 735	1.5	20
Selenium	<0 06	0 061		20
Silver	0 095	0 108	12 5	20
Mercury	<0 0002	<0 0002		20

MS (mg/L)

QC Batch ID	Sample ID	MS ID
QbMA072723A	S23070620	S23070620
QbHg072723	C23070231	C23070231

Parameter	Sample Result	Spk Added	MS Result	MS % Rec	% Rec Limit
Arsenic	<0 05	2 0	1 863	93	70-130
Barium	0 1009	2 0	2 334	112	70-130
Cadmium	<0 02	2 0	2 188	109	70-130
Chromium	<0 02	2 0	2 109	105	70-130
Lead	1 709	2 0	3 473	88	70-130
Selenium	<0 06	2 0	2 448	122	70-130
Silver	0 0953	2 0	2 973	144	70-130
Mercury	<0 0002	0 01	0.0093	93	80-120

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Client City of Mathis
411 East San Patricio Ave
Mathis, TX 78368

Reporting Date 8/3/2023
CHEMTEX File # C23070015

TCLP Volatiles
Method Blank, LCS & LCSD (mg/L)

QC Batch ID	MB ID	LCS ID	LCSD ID
111856	860-111856/13	860-111856/7	860-111856/8

Parameter	MB Result	Spk Added	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	RPD	RPD Limit	%Rec Limits
Benzene	<0.001	0.05	0.05121	102	0.05236	105	2	25	75-125
Carbon tetrachloride	<0.005	0.05	0.0548	110	0.05355	107	2	25	70-130
Chlorobenzene	<0.001	0.05	0.05255	105	0.05239	105		25	65-135
Chloroform	<0.001	0.05	0.05774	115	0.05828	117	1	25	70-121
1,2-Dichloroethane	<0.001	0.05	0.0553	111	0.05523	110		25	72-130
1,1-Dichloroethene	<0.001	0.05	0.0508	102	0.05062	101		25	50-150
2-Butanone(MEK)	<0.05	0.25	0.2346	94	0.2348	94		25	60-140
Tetrachloroethene	<0.001	0.05	0.04974	99	0.04896	98	2	25	71-125
Trichloro ethene	<0.005	0.05	0.05427	109	0.05325	107	2	25	72-135
Vinyl chloride	<0.002	0.05	0.04399	88	0.04428	89	1	25	60-140

Surrogate	MB % Rec	LCS % Rec	LCSD % Rec	% Rec Limits
1,2-Dichloroethane-d4	113	106	110	63-144
4-Bromofluorobenzene	105	105	104	74-124
Dibromofluoromethane	108	104	105	75-131
Toluene-d8	104	100	101	80-120

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Client: City of Mathis
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Reporting Date 8/3/2023
CHEMTEX File # C23070015

TCLP Semi-Volatiles
Method Blank, LCS & LCSD (mg/L)

QC Batch ID	MB ID	LCS ID	LCSD ID
112268	860-112203/1-A	860-112203/2-A	860-112203/3-A

Parameter	MB Result	Spk Added	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	RPD	RPD Limit	%Rec Limits
1,4-Dichlorobenzene	<0.005	0.04	0.02093	55	0.02033	51	3	30	37-111
2,4,5-Trichlorophenol	<0.005	0.04	0.02842	78	0.02951	74	4	30	39-125
2,4,6-Trichlorophenol	<0.005	0.04	0.02768	69	0.0282	71	2	30	42-125
2,4-Dinitrotoluene	<0.005	0.04	0.03084	77	0.03068	77	1	30	41-128
2-Methylphenol	<0.005	0.04	0.02305	58	0.0237	59	3	30	36-105
Hexachlorobenzene	<0.005	0.04	0.03268	82	0.03052	76	7	30	39-128
Hexachlorobutadiene	<0.005	0.04	0.02216	55	0.02174	54	2	30	31-120
Hexachloroethane	<0.005	0.04	0.0192	48	0.01866	47	3	30	37-109
Nitrobenzene	<0.005	0.04	0.02483	62	0.02557	64	3	30	37-114
Pentachlorophenol	<0.01	0.04	0.02335	58	0.02344	59		40	10-137
Pyridine	<0.01	0.04	0.008241	21	0.01113	28	30	50	5-130
3&4-Methylphenols	<0.01	0.04	0.02214	55	0.02217	55		30	35-116

Surrogate	MB % Rec	LCS % Rec	LCSD % Rec	% Rec limits
2,4,6-Tribromophenol	64	70	68	31-132
2-Fluorobiphenyl	83	66	63	29-112
2-Fluorophenol	46	38	39	21-114
Nitrobenzene-d5	71	60	61	26-110
Terphenyl-d14	100	88	82	20-141
Phenol-d5	33	30	30	16-117

LB (mg/L)

QC Batch ID	SAMPLE ID
112528	860-112055/1-G

Parameter	LB Sample Result	RL
1,4-Dichlorobenzene	<0.025	0.025
2,4,5-Trichlorophenol	<0.025	0.025
2,4,6-Trichlorophenol	<0.025	0.025
2,4-Dinitrotoluene	<0.025	0.025
2-Methylphenol	<0.025	0.025
Hexachlorobenzene	<0.025	0.025
Hexachlorobutadiene	<0.025	0.025
Hexachloroethane	<0.025	0.025
Nitrobenzene	<0.025	0.025
Pentachlorophenol	<0.05	0.05
Pyridine	<0.05	0.05
3&4-Methylphenols	<0.05	0.05

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CHEMTEX File # C23070015

Surrogate	LB% Rec	% RecLimits
2,4,6-Tribromophenol	59	31-132
2-Fluorobiphenyl	70	29-112
2-Fluorophenol	53	21-114
Nitrobenzene-d5	68	26-110
Terphenyl-d14	91	20-141
Phenol-d5	41	16-117

TCLP Pesticides
Method Blank, LCS & LCSD (mg/L)

QC Batch ID	MB ID	LCS ID	LCSD ID
112137	860-112151/1-A	860-112151/3-A	860-112151/3-A

Parameter	MB Result	Spk Added	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	RPD	RPD Limit	%Rec Limits
Chlordane	<0.00104								
Endrin	<0.0000521	0.00130	0.00145	111	0.001427	108	5	25	55-102
Heptachlor	<0.0000521	0.00130	0.001459	112	0.001443	109	5	25	55-106
Heptachlor Epoxide	<0.0000521	0.00130	0.001396	107	0.001412	107	5	25	56-109
Gamma-BHC (Lindane)	<0.0000521	0.00130	0.001429	109	0.001446	109	5	25	59-107
Methoxychlor	<0.0000521	0.00130	0.001239	95	0.001097	89	5	25	53-102
Toxaphene	<0.00104								

Surrogate	MB % Rec	LCS % Rec	LCSD % Rec	% Rec Limits
Decachlorobiphenyl	69	61	67	45-115
Tetrachloro-m-xylene	69	75	77	41-110

LB (mg/L)

QC Batch ID	Sample ID
112137	860-112055/1-E

Parameter	LB Sample Result	RL Result
Chlordane	<0.00105	0.000105
Endrin	<0.0000523	0.0000523
Heptachlor	<0.0000523	0.0000523
Heptachlor Epoxide	<0.0000523	0.0000523
Gamma-BHC (Lindane)	<0.0000523	0.0000523
Methoxychlor	<0.0000523	0.0000523
Toxaphene	<0.00105	0.00105

Surrogate	LB % Rec	% Rec Limits
Decachlorobiphenyl	63	45-115
Tetrachloro-m-xylene	80	41-110

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7348 Leopard Street, Corpus Christi, Texas 78408 (361) 299-9900 FAX (361) 299-3155
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CHEMTEX File #: C23070015

TCLP Herbicides
Method Blank, LCS & LCSD (mg/L)

QC Batch ID	MB ID	LCS ID	LCSD ID
112073	860-111960/1-A	860-111960/2-A	860-111960/3-A

Parameter	MB Result	Spk Added	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	RPD	RPD Limit	%Rec Limits
2,4-D	<0.0002	0.002	0.001869	93	0.001771	88	5	25	45-124
2,4,5-Tp	<0.0002	0.002	0.002057	103	0.001937	97	6	25	45-124

Surrogate	MB %Rec	LCS %Rec	LCSD %Rec	%Rec Limits
2,4-Dechlorophenylaceatic acid	124	120	103	42-150

LB (mg/L)

QC Batch ID	Sample ID
112073	860-112055/1-B

Parameter	LB Sample Result	RL Result
2,4-D	<0.0002	0.0002
2,4,5-Tp	<0.0002	0.0002

Surrogate	LB % Rec	% Rec Limits
2,4-Dechlorophenylaceatic acid	185	42-150

PCB's
Method Blank, LCS & LCSD (mg/kg)

QC Batch ID	MB ID	LCS ID	LCSD ID
111878	860-111773/1-A	860-111773/2-A	860-111773/3-A

Parameter	MB Result	Spk Added	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	RPD	RPD Limit	%Rec Limits
PCB-1016	<0.0167	0.167	0.1188	71	0.1217	73	2	20	27-121
PCB-1260	<0.0167	0.167	0.1271	76	0.1311	79	3	20	27-139

Surrgate	MB %Rec	LCS %Rec	LCSD %Rec	%Rec Limits
Tetrachloro-m-xylene	69	72	74	35-140
Decachlorobiphenyl	90	94	94	37-142

* * *

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Total Metals
Method Blank, LCS (mg/kg)

QC Batch ID	MB ID	LCS ID
QbMA072623A	072623MB-S	072623LCS-S
QbHgS072723	HgS080522MB	HgS0805221LCS

Parameter	MB Result	Spk Added	LCS Result	LCS % Rec	% Rec Limit
Arsenic	<0.950	100	102	102	80-120
Cadmium	<0.563	100	101.4	101	80-120
Chromium	<0.986	100	99	99	80-120
Copper	<0.650	100	99.1	99	80-120
Lead	<0.610	100	100.2	100	80-120
Molybdenum	<0.744	100	98	98	80-120
Nickel	<0.525	100	100.7	101	80-120
Selenium	<0.999	100	102.7	103	80-120
Silver	<1.260	100	98.1	98	80-120
Zinc	<0.453	100	101.5	102	80-120
Mercury	<0.02	0.5	0.453	91	80-120

Sample Duplicate (mg/kg)

QC Batch ID	Sample ID	Dup ID
QbMA072623A	C23070197	C23070197
QbHgS072723	C23070231	C23070231

Parameter	Sample Result	Sample Dup Result	RPD	RPD Limit
Arsenic	<0.99	<0.99		20
Cadmium	1.5	1.51	0.7	20
Chromium	24.93	24.93		20
Copper	357.71	353.13	1.3	20
Lead	9.74	9.84	1.1	20
Molybdenum	14.22	14.19	0.2	20
Nickel	21.51	21.46	0.2	20
Selenium	9.34	9.44	1	20
Silver	2.66	3.05	13.9	20
Zinc	988.75	985.94	0.3	20
Mercury	<0.034	<0.034		20

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MS (mg/kg)

QC Batch ID	SAMPLE ID	MS ID
QbMA072623A	C23070197	C23070197
QbHgS072723	C23070231	C23070231

Parameter	Sample Result	Spk Added	MS Result	MS % Rec	% Rec Limit
Arsenic	<0.99	208	185.73	89	70-130
Cadmium	1.5	208	189.58	90	70-130
Chromium	24.93	208	229.9	98	70-130
Copper	357.71	208	554.79	95	70-130
Lead	9.74	208	188.13	86	70-130
Molybdenum	14.22	208	225.52	101	70-130
Nickel	21.51	208	212.6	92	70-130
Selenium	9.34	208	199.79	91	70-130
Silver	2.66	208	188.75	89	70-130
Zinc	988.75	208	1142.71	74	70-130
Mercury	<0.034	5.0	5.774	115	80-120

Method Blank (mg/kg)

QC Batch ID	MB ID	Parameter	Result	RL
QbMA072623A	072623	Phosphorus	<0.5	0.5
		Potassium	<0.5	0.5
QbIC072023	072023	Nitrite	<5.0	5.0
		Nitrate	<5.0	5.0
QbTKN071123	MB071123	TKN	<5.0	5.0
QbNH$_3$071023	MB071023	Ammonia-N	<0.5	0.5

LCS (mg/kg)

QC Batch ID	LCS ID	Parameter	Spk Added	LCS Result	LCS % Rec	LCSD Result	LCSD % Rec	RPD	RPD Limit	% Rec Limit
QbMA072623A	072623LCS-S	Phosphorus	200	197.3	98					80-120
		Potassium	100	83.7	84					80-120
QbIC072023	IC072023	Nitrite	250	238.33	95.3	251.13	100.5	5.2	20	90-110
		Nitrate	250	242.99	97.2	243.09	97.2		20	90-110
QbTKN071123	TKN071123	TKN	25.0	23.4	93.6					80-120
QbNH$_3$071023	NH$_3$071023	Ammonia-N	25.0	25.8	103.2					80-120

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CHEMTEX File #: C23070015

Sample Duplicate (mg/kg)

QC Batch ID	Dup ID	Parameter	Sample Result	Sample Dup Result	RPD	RPD Limit
QbMA072623A	C23070197	Phosphorus	18073	18219	0.8	20
		Potassium	3367	3345	0.7	20
QbIC072023	C23060256	Nitrite	<10.0	<10.0		20
		Nitrate	10.28	10.52	2.3	20
QbTKN071123	C23070015	TKN	1630	1600	1.9	20
Qb$NH_3$071023	C23070015	Ammonia-N	1150	1250	8.3	20

MS (mg/kg)

QC Batch ID	MS ID	Parameter	Sample Result	Spk Added	MS Result	MS % Rec	% Rec Limit
QbIC072023	C23060256	Nitrite	<10.0	100	106.34	106.3	80-120
		Nitrate	10.28	100	111.18	100.9	80-120
QbTKN071123	C23070015	TKN	1630	1000	2500	87	70-130
Qb$NH_3$071023	C23050357	Ammonia-N	1150	500	1600	90	70-130

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Technical Manager

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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: N/A

Distance and direction to the intake: N/A

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

Attachment: N/A

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: N/A

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).

N/A

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).

N/A

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: Unnamed Ditch

A. Receiving water type

Identify the appropriate description of the receiving waters.

☐ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: N/A

Average depth of the entire water body, in feet: N/A

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

☒ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: N/A

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: N/A

C. Downstream perennial confluences

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

No perennial, 1 intermittent stream

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.

Flow from the outfall is discharged first to a ditch, then to an unnamed reservoir on the property before flowing into an unnamed stream until it reaches a reservoir (Lake Corpus Christi).

E. Normal dry weather characteristics

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

Man made ditch, no flow during normal dry weather conditions

Date and time of observation: N/A

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
☐ Upstream discharges
☐ Septic tanks
☐ Urban runoff
☒ Agricultural runoff
☒ Other(s), specify: Pasture land runoff

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: Drainage Ditch

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 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: 0

Average Daily Flows, in MGD: N/A

Significant IUs - non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: N/A

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: N/A

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.

N/A

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.

N/A

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.

N/A

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.

N/A

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.

N/A

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

A. General information

Company Name: N/A

SIC Code: N/A

Contact name: N/A

Address: N/A

City, State, and Zip Code: N/A

Telephone number: N/A

Email address: N/A

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).

N/A

C. Product and service information

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

N/A

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: N/A

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: N/A

Click or tap here to enter text. N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

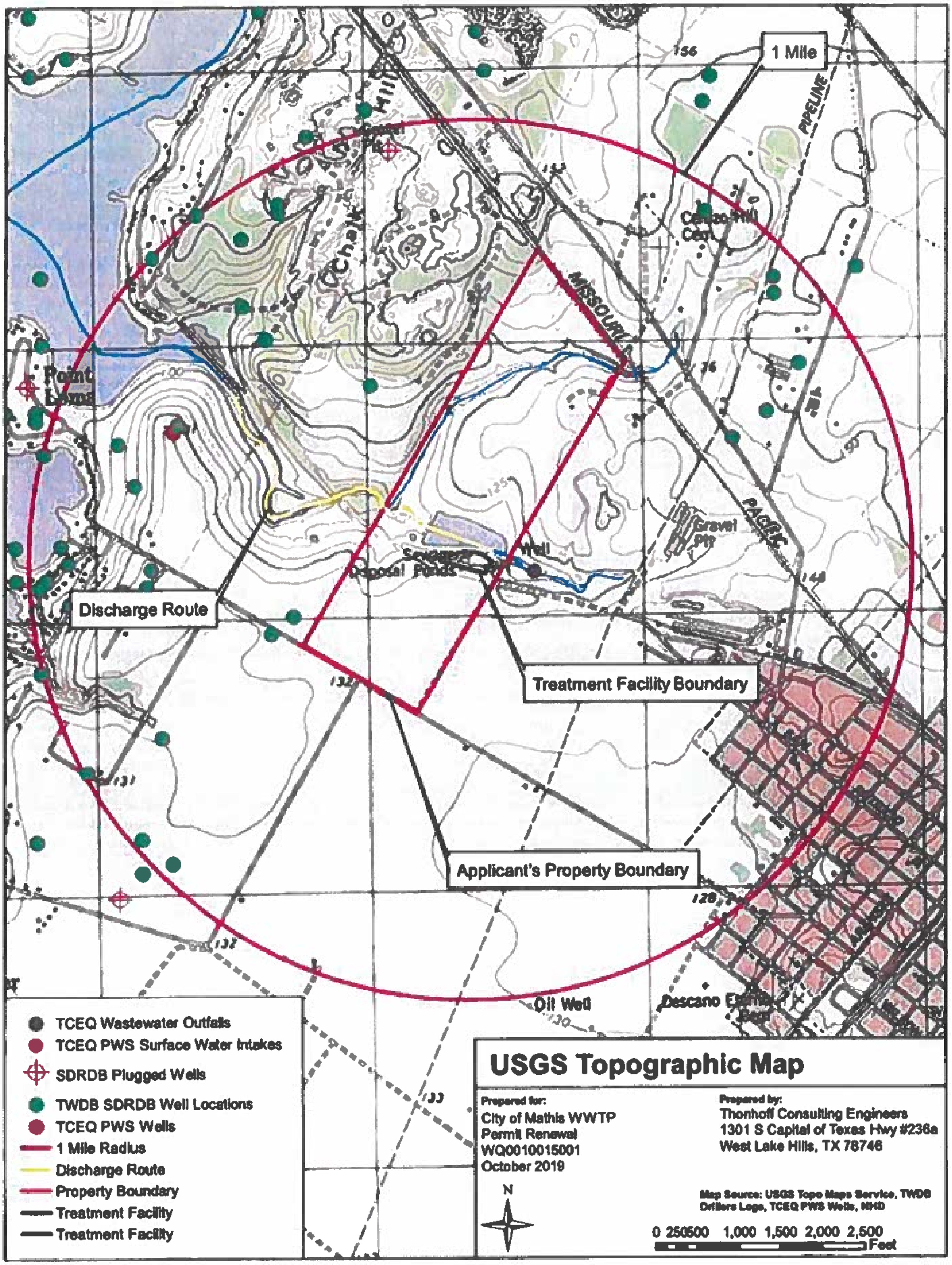
F. Industrial user interruptions

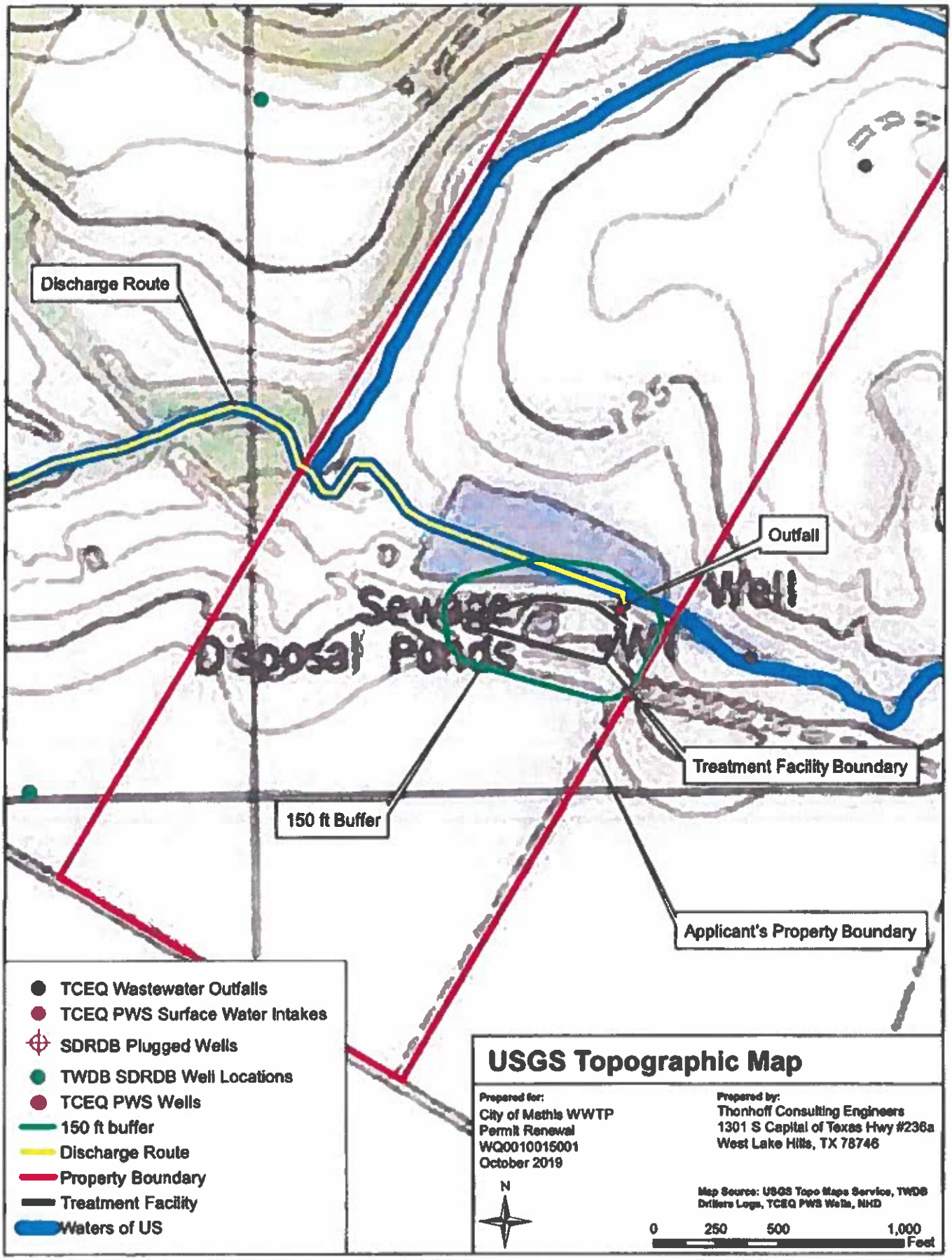
Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years?

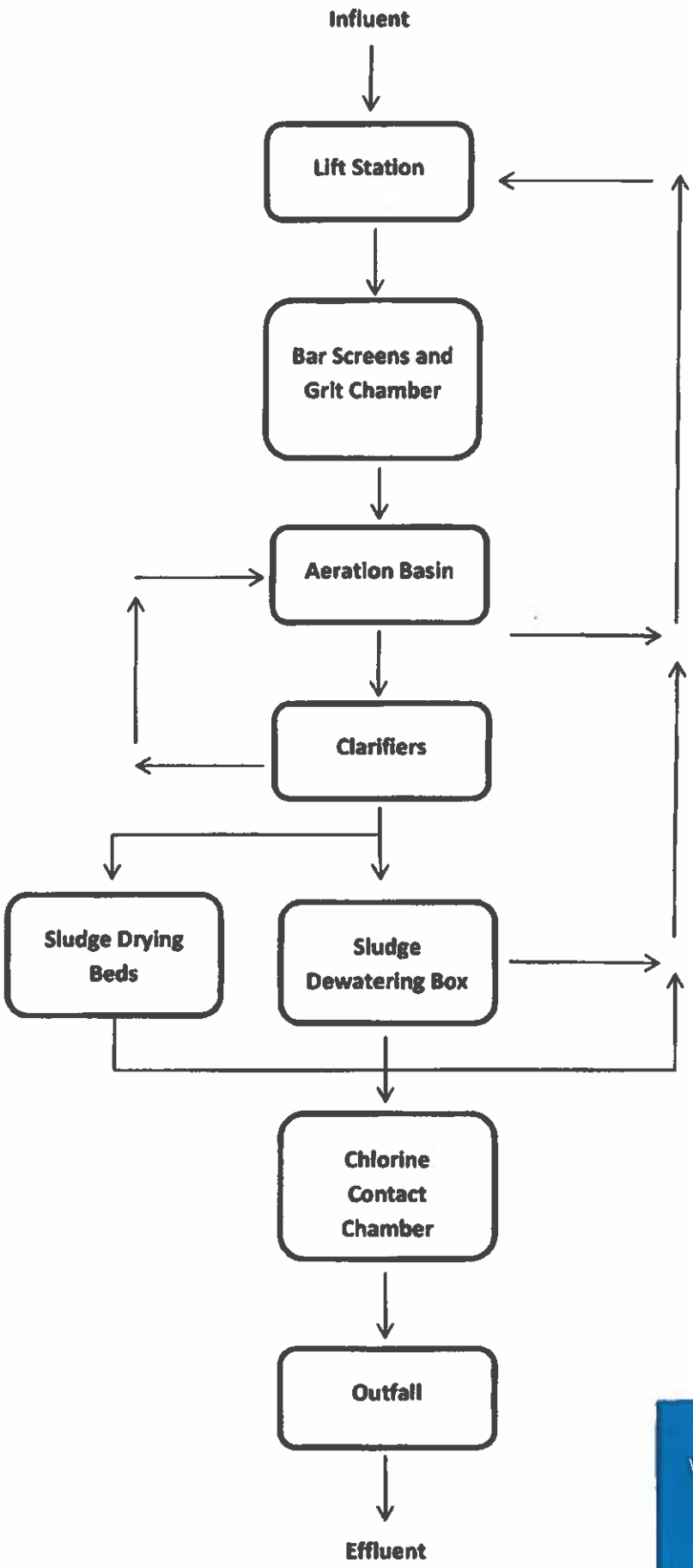
☐ Yes ☒ No

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

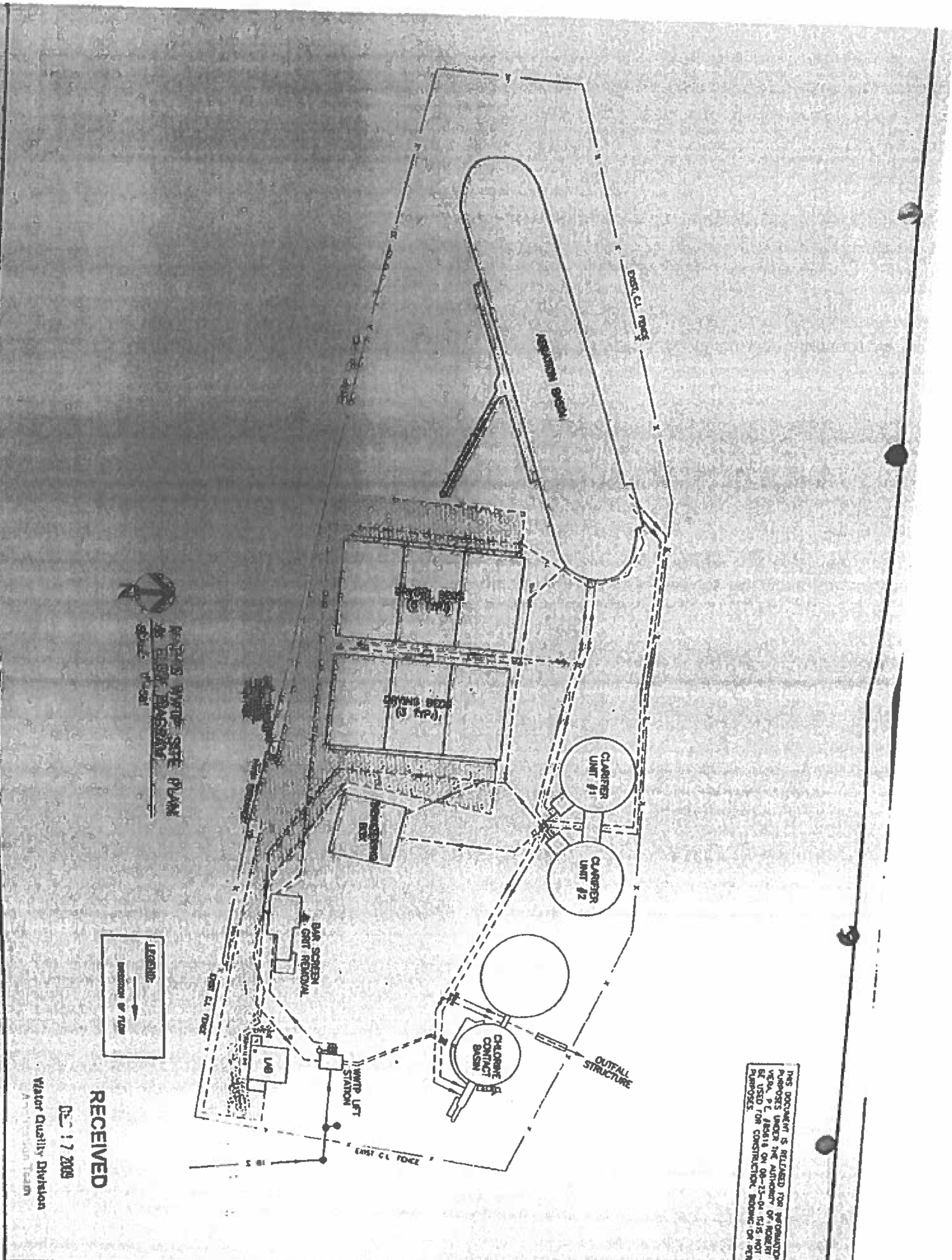
N/A


1 Mile
PIPELINE
MISSOURI
PACIFIC
Point Lomas
Chalk Hill
Cedar Hill Cem.
Gravel Pit
Sewage Disposal Ponds
Well
Discharge Route
Treatment Facility Boundary
Applicant's Property Boundary
Oil Well
TCEQ Wastewater Outfalls
TCEQ PWS Surface Water Intakes
SDRDB Plugged Wells
TWDB SDRDB Well Locations
TCEQ PWS Wells
1 Mile Radius
Discharge Route
Property Boundary
Treatment Facility
Treatment Facility
USGS Topographic Map
Prepared for:
City of Mathis WWTP
Permit Renewal
WQ0010015001
October 2019
Prepared by:
Thonhoff Consulting Engineers
1301 S Capital of Texas Hwy #236a
West Lake Hills, TX 78746
Map Source: USGS Topo Maps Service, TWDB Drillers Logs, TCEQ PWS Wells, NHD
N
0 250500 1,000 1,500 2,000 2,500
Feet


Discharge Route
Outfall
Sewage Disposal Ponds
Well
Treatment Facility Boundary
150 ft Buffer
Applicant's Property Boundary
TCEQ Wastewater Outfalls
TCEQ PWS Surface Water Intakes
SDRDB Plugged Wells
TWDB SDRDB Well Locations
TCEQ PWS Wells
150 ft buffer
Discharge Route
Property Boundary
Treatment Facility
Waters of US
USGS Topographic Map
Prepared for:
City of Mathis WWTP
Permit Renewal
WQ0010015001
October 2019
Prepared by:
Thonhoff Consulting Engineers
1301 S Capital of Texas Hwy #236a
West Lake Hills, TX 78746
N
Map Source: USGS Topo Maps Service, TWDB Drillers Logs, TCEQ PWS Wells, NHD
0 250 500 1,000
Feet



City of Mathis
Wastewater Treatment
Plant
Flow Diagram



LNV ENGINEERING
ENGINEERS & CONSULTANTS
CIVIL * STRUCTURAL * TRANSPORTATION * SURVEYING *

CITY OF MATHIS, TEXAS
WASTE WATER TREATMENT PLANT

REVISION BLOCK

NOT APPLICABLE

Texas Commission on Environmental Quality

Update Domestic or Industrial Individual Permit

WQ0010015001

Site Information (Regulated Entity)

What is the name of the site to be authorized?	CITY OF MATHIS WWTP
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	LOCATED APPROX 1.25 MI NW OF THE INTERX OF SH SPUR 198 AND FM 1068 ALONG THE ACCESS ROAD NW OF THE EXTENSION OF SAN PATRICIO AVE
City	MATHIS
State	TX
ZIP	78368
County	SAN PATRICIO
Latitude (N) (##.######)	28.105277
Longitude (W) (-###.######)	-97.846111
Primary SIC Code	4952
Secondary SIC Code	
Primary NAICS Code	221320
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN102075181
What is the name of the Regulated Entity (RE)?	CITY OF MATHIS WWTP
Does the RE site have a physical address?	No
Physical Address	
Because there is no physical address, describe how to locate this site:	LOCATED APPROX 1.25 MI NW OF THE INTERX OF SH SPUR 198 AND FM 1068 ALONG THE ACCESS ROAD NW OF THE EXTENSION OF SAN PATRICIO AVE
City	MATHIS
State	TX
ZIP	78368
County	SAN PATRICIO
Latitude (N) (##.######)	28.105277
Longitude (W) (-###.######)	-97.846111
Facility NAICS Code	
What is the primary business of this entity?	DOMESTIC

City of-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?	Owner
What is the applicant's Customer Number (CN)?	CN600241459
Type of Customer	City Government
Full legal name of the applicant:	
Legal Name	City of Mathis
Texas SOS Filing Number	

Federal Tax ID	
State Franchise Tax ID	
State Sales Tax ID	
Local Tax ID	
DUNS Number	23602
Number of Employees	
Independently Owned and Operated?	
I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas.	Yes
Responsible Authority Contact	
Organization Name	City of Mathis
Prefix	MR
First	Cedric
Middle	W
Last	Davis
Suffix	SR
Credentials	CPM
Title	City Manager
Responsible Authority Mailing Address	
Enter new address or copy one from list:	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
Routing (such as Mail Code, Dept., or Attn:)	
City	MATHIS
State	TX
ZIP	78368
Phone (###-###-####)	3615473343
Extension	113
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	c.davissr@cityofmathis.com

Billing Contact

Responsible contact for receiving billing statements:	
Select the permittee that is responsible for payment of the annual fee.	CN600241459, City of Mathis
Organization Name	CITY OF MATHIS
Prefix	MR
First	Cedric
Middle	W
Last	Davis
Suffix	SR
Credentials	CPM
Title	City Manager
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
Routing (such as Mail Code, Dept., or Attn:)	

City	MATHIS
State	TX
ZIP	78368
Phone (###-###-####)	3615473343
Extension	113
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	c.davissr@cityofmathis.com

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	City of Mathis
Prefix	MR
First	Cedric
Middle	W
Last	Davis
Suffix	SR
Credentials	CPM
Title	City Manager
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
Routing (such as Mail Code, Dept., or Attn:)	
City	MATHIS
State	TX
ZIP	78368
Phone (###-###-####)	3615473343
Extension	113
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	c.davissr@cityofmathis.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?	
Organization Name	City of Mathis
Prefix	MR
First	Charles
Middle	Robert
Last	Tafolla
Suffix	JR
Credentials	PE
Title	Public Works Director
Enter new address or copy one from list:	

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
Routing (such as Mail Code, Dept., or Attn:)	
City	MATHIS
State	TX
ZIP	78368
Phone (###-###-####)	3615473343
Extension	302
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	pwudirector1@cityofmathis.com

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?	Technical Contact
Organization Name	City of Mathis
Prefix	MR
First	Gabriel
Middle	
Last	Ortiz
Suffix	
Credentials	
Title	Wastewater Treatment Plant Operator
Enter new address or copy one from list:	Technical Contact Address

Mailing Address:

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
Routing (such as Mail Code, Dept., or Attn:)	
City	MATHIS
State	TX
ZIP	78368
Phone (###-###-####)	3615475951
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	wwo@cityofmathis.com

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	
2) Organization Name	City of Mathis
3) Prefix	MR
4) First	Cedric
5) Middle	W
6) Last	Davis

7) Suffix	SR
8) Credentials	CPM
9) Title	City Manager
Mailing Address	
10) Enter new address or copy one from list	Billing Contact
11) Address Type	Domestic
11.1) Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	MATHIS
11.4) State	TX
11.5) ZIP	78368
12) Phone (###-###-####)	3615473343
13) Extension	113
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	c.davissr@cityofmathis.com

Section 2# Permit Contact

Permit Contact#: 2

Person TCEQ should contact throughout the permit term.

1) Same as another contact?	
2) Organization Name	City of Mathis
3) Prefix	MRS
4) First	Mary
5) Middle	A
6) Last	Gonzalez
7) Suffix	
8) Credentials	
9) Title	Assistant City Manager/City Secretary
Mailing Address	
10) Enter new address or copy one from list	Billing Contact
11) Address Type	Domestic
11.1) Mailing Address (include Suite or Bldg. here, if applicable)	411 E SAN PATRICIO AVE
11.2) Routing (such as Mail Code, Dept., or Attn:)	
11.3) City	MATHIS
11.4) State	TX
11.5) ZIP	78368
12) Phone (###-###-####)	3615473343
13) Extension	109
14) Alternate Phone (###-###-####)	
15) Fax (###-###-####)	
16) E-mail	magonzales@cityofmathis.com

Owner Information

Owner of Treatment Facility

1) Prefix	MR
2) First and Last Name	Cedric W Davis Sr

3) Organization Name	City of Mathis
4) Mailing Address	411 E. San Patricio Ave.
5) City	Mathis
6) State	TX
7) Zip Code	78368
8) Phone (###-###-####)	3615473343
9) Extension	113
10) Email	c.davissr@cityofmathis.com
11) What is ownership of the treatment facility?	Public
Owner of Land (where treatment facility is or will be)	
12) Prefix	MR
13) First and Last Name	Cedric W Davis Sr
14) Organization Name	City of Mathis
15) Mailing Address	411 E. San Patricio Ave.
16) City	Mathis
17) State	TX
18) Zip Code	78368
19) Phone (###-###-####)	3615473343
20) Extension	113
21) Email	c.davissr@cityofmathis.com
22) Is the landowner the same person as the facility owner or co-applicant?	Yes

General Information Renewal-Amendment

1) Current authorization expiration date:	07/09/2025
2) Current Facility operational status:	Active
3) Is the facility located on or does the treated effluent cross American Indian Land?	No
4) What is the application type that you are seeking?	Renewal without changes
5) Current Authorization type:	Public Domestic Wastewater
5.1) What is the proposed total flow in MGD discharged at the facility?	.947
5.2) Select the applicable fee	>= .50 & < 1.0 MGD - Renewal - $1,615
6) What is the classification for your authorization?	TPDES
6.1) What is the EPA Identification Number?	TX0020419
6.2) Is the wastewater treatment facility location in the existing permit accurate?	Yes
6.3) Are the point(s) of discharge and the discharge route(s) in the existing permit correct?	Yes
6.4) City nearest the outfall(s):	Mathis
6.5) County where the outfalls are located:	SAN PATRICIO
6.6) Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?	No
6.7) Is the daily average discharge at your facility of 5 MGD or more?	No
7) Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?	No

Public Notice Information

Individual Publishing the Notices

1) Prefix	MRS
2) First and Last Name	Mary A Gonzales
3) Credential	
4) Title	Asst. City Manager/City Secretary
5) Organization Name	City of Mathis
6) Mailing Address	411 E SAN PATRICIO AVE
7) Address Line 2	
8) City	MATHIS
9) State	TX
10) Zip Code	78368
11) Phone (###-###-####)	3615473343
12) Extension	109
13) Fax (###-###-####)	
14) Email	magonzales@cityofmathis.com
Contact person to be listed in the Notices	
15) Prefix	MR
16) First and Last Name	Charles Robert Tafolla Jr.
17) Credential	PE
18) Title	Public Works Director
19) Organization Name	City of Mathis
20) Phone (###-###-####)	3615473343
21) Fax (###-###-####)	
22) Email	pwudirector1@cityofmathis.com
Bilingual Notice Requirements	
23) Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?	No

Section 1# Public Viewing Information

County#: 1

1) County	SAN PATRICIO
2) Public building name	Mathis City Hall
3) Location within the building	Lobby
4) Physical Address of Building	411 E. San Patricio Ave.
5) City	Mathis
6) Contact Name	Robert Tafolla Jr
7) Phone (###-###-####)	3615473343
8) Extension	302
9) Is the location open to the public?	Yes

Plain Language

1) Plain Language	
[File Properties]	
File Name	LANG_TCEQ Summary Of Application In Plain Language .pdf
Hash	4ACD7599011FD8A964B757296618E20A6EC8519C965367FB0AF45F1969652B1E
MIME-Type	application/pdf

Supplemental Permit Information Form

1) Supplemental Permit Information Form (SPIF)

[File Properties]

File Name	SPIF_TCEQ Supplemental Permit Information Form 20971.docx
Hash	90FF34EE70CA74ED81BD0FDDA4A46AD974133C6AA9DA22BEEB65E147367D0D3A
MIME-Type	application/vnd.openxmlformats-officedocument.wordprocessingml.document

Domestic Attachments

1) Attach an 8.5"x11", reproduced portion of the most current and original USGS Topographic Quadrangle Map(s) that meets the 1:24,000 scale.

[File Properties]

File Name	MAP_TCEQ USGS Topographic Quadrangle Map DOC071.pdf
Hash	E9E5874B361978DAECA00C84515FA9949692648F78FE10D06299827B05680161
MIME-Type	application/pdf

2) I confirm that all required sections of Technical Report 1.0 are complete and will be included in the Technical Attachment.	Yes
2.1) I confirm that Worksheet 2.0 (Receiving Waters) is complete and included in the Technical Attachment.	Yes
2.2) Are you planning to include Worksheet 2.1 (Stream Physical Characteristics) in the Technical Attachment?	No
2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses Requirements) in the Technical Attachment?	No
2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing Requirements) in the Technical Attachment?	No
2.5) I confirm that Worksheet 6.0 (Industrial Waste Contribution) is complete and included in the Technical Attachment.	Yes
2.6) Are you planning to include Worksheet 7.0 (Class V Injection Well Inventory/Authorization Form) in the Technical Attachment?	No

2.7) Technical Attachment

[File Properties]

File Name	TECH_TCEQ-10054-Signed Domestic Wastewater Permit Application Technical Report.pdf
Hash	5B385F0A6F5E2423636F75231FA9A1BFDE542765A480072A4EA9EF2D1198B91D
MIME-Type	application/pdf

3) Buffer Zone Map

[File Properties]

File Name	BUFF_ZM_TCEQ Not Applicable Sheet DOC080.pdf
Hash	4AFE3C6D702AE27DC3D506D384F19BF84D5F0EBF84792CD7D8ABEC9AE88D8BB1
MIME-Type	application/pdf

4) Flow Diagram

[File Properties]

File Name	FLDIA_TCEQ Flow Diagram DOC072.pdf

Hash	9BA5DA3E8CA7E24C6F49E3C5D709FAC44CC0197BE7EE1FE0969C0B23DCDA20F0
MIME-Type	application/pdf

5) Site Drawing

[File Properties]

File Name	SITEDR_TCEQ Site Drawing DOC074.pdf
Hash	9BB079C0C10B11B971AB3224E38961940DC0CFE89C157C43AF082C7BA9114247
MIME-Type	application/pdf

6) Design Calculations

[File Properties]

File Name	DES_CAL_TCEQ Not Applicable Sheet DOC080.pdf
Hash	4AFE3C6D702AE27DC3D506D384F19BF84D5F0EBF84792CD7D8ABEC9AE88D8BB1
MIME-Type	application/pdf

7) Solids Management Plan

8) Water Balance

[File Properties]

File Name	WB_TCEQ Not Applicable Sheet DOC080.pdf
Hash	4AFE3C6D702AE27DC3D506D384F19BF84D5F0EBF84792CD7D8ABEC9AE88D8BB1
MIME-Type	application/pdf

9) Other Attachments

Certification

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

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.

1. I am Charles R Tafolla JR, the owner of the STEERS account ER110681.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0010015001.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Charles R Tafolla JR OWNER

Customer Number:	CN600241459
Legal Name:	City of Mathis
Account Number:	ER110681
Signature IP Address:	107.211.3.108
Signature Date:	2025-01-29
Signature Hash:	75B4BABF492B9EBAAFC8AB4D300FC6BC3C17C860C92F56ED6449434EBC3A20A0

Form Hash Code at time of Signature:	7561DBE9B1DCF9EF469EB64E0FA22E34F286AA69063C96E2FD2DBADB98FCEEE6

Fee Payment

Transaction by:	The application fee payment transaction was made by ER110681/Charles R Tafolla JR
Paid by:	The application fee was paid by MARIA A GONZALES
Fee Amount:	$1600.00
Paid Date:	The application fee was paid on 2025-01-30
Transaction/Voucher number:	The transaction number is 582EA000647808 and the voucher number is 745341

Submission

Reference Number:	The application reference number is 748032
Submitted by:	The application was submitted by ER110681/Charles R Tafolla JR
Submitted Timestamp:	The application was submitted on 2025-01-30 at 10:12:18 CST
Submitted From:	The application was submitted from IP address 97.98.33.225
Confirmation Number:	The confirmation number is 624342
Steers Version:	The STEERS version is 6.86
Permit Number:	The permit number is WQ0010015001

Additional Information

Application Creator: This account was created by Charles R Tafolla JR

The TCEQ is committed to accessibility.
To request a more accessible version of this report, please contact the TCEQ Help Desk at (512) 239-4357.

Compliance History Report

Compliance History Report for CN600241459, RN102075181, Rating Year 2024 which includes Compliance History (CH) components from September 1, 2019, through August 31, 2024.

Customer, Respondent, or Owner/Operator: CN600241459, City of Mathis **Classification:** SATISFACTORY **Rating:** 0.33

Regulated Entity: RN102075181, CITY OF MATHIS WWTP **Classification:** SATISFACTORY **Rating:** 0.33

Complexity Points: 7 **Repeat Violator:** NO

CH Group: 08 - Sewage Treatment Facilities

Location: LOCATED APPROX 1.25 MI NW OF THE INTERX OF SH SPUR 198 AND FM 1068 ALONG THE ACCESS ROAD NW OF THE EXTENSION OF SAN PATRICIO AVE SAN PATRICIO, TX, SAN PATRICIO COUNTY

TCEQ Region: REGION 14 - CORPUS CHRISTI

ID Number(s):

WASTEWATER PERMIT WQ0010015001

WASTEWATER EPA ID TX0020419

WASTEWATER AUTHORIZATION R10015001

Compliance History Period: September 01, 2019 to August 31, 2024 **Rating Year:** 2024 **Rating Date:** 09/01/2024

Date Compliance History Report Prepared: March 03, 2025

Agency Decision Requiring Compliance History: Permit - Issuance, renewal, amendment, modification, denial, suspension, or revocation of a permit.

Component Period Selected: January 30, 2020 to March 03, 2025

TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.

Name: PT **Phone:** (512) 239-3581

Site and Owner/Operator History:

1) Has the site been in existence and/or operation for the full five year compliance period? YES
2) Has there been a (known) change in ownership/operator of the site during the compliance period? NO

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:
N/A

B. Criminal convictions:
N/A

C. Chronic excessive emissions events:
N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):

Item 1	February 13, 2020	(1640738)
Item 2	March 16, 2020	(1647258)
Item 3	April 20, 2020	(1653594)
Item 4	May 21, 2020	(1660181)
Item 5	June 23, 2020	(1666685)
Item 6	July 20, 2020	(1673642)
Item 7	September 15, 2020	(1680418)
Item 8	September 18, 2020	(1686986)
Item 9	October 20, 2020	(1693333)
Item 10	November 17, 2020	(1712689)

Item 11	December 17, 2020	(1712690)
Item 12	January 19, 2021	(1712691)
Item 13	February 22, 2021	(1725744)
Item 14	March 15, 2021	(1725745)
Item 15	April 20, 2021	(1725746)
Item 16	January 19, 2022	(1798521)
Item 17	February 14, 2022	(1806394)
Item 18	March 09, 2022	(1813463)
Item 19	April 05, 2022	(1820033)
Item 20	May 04, 2022	(1828871)
Item 21	June 13, 2022	(1835165)
Item 22	July 07, 2022	(1842368)
Item 23	August 04, 2022	(1848499)
Item 24	September 07, 2022	(1856299)
Item 25	October 11, 2022	(1862655)
Item 26	November 17, 2022	(1869568)
Item 27	December 20, 2022	(1875419)
Item 28	January 19, 2023	(1882240)
Item 29	February 20, 2023	(1890054)
Item 30	March 18, 2023	(1898615)
Item 31	April 14, 2023	(1905402)
Item 32	June 19, 2023	(1919189)
Item 33	July 17, 2023	(1926154)
Item 34	August 17, 2023	(1933115)
Item 35	October 17, 2023	(1946103)
Item 36	November 17, 2023	(1951794)
Item 37	January 16, 2024	(1968152)
Item 38	February 12, 2024	(1977214)
Item 39	March 15, 2024	(1983781)
Item 40	April 16, 2024	(1990310)
Item 41	May 20, 2024	(1996767)
Item 42	June 20, 2024	(2003719)
Item 43	July 19, 2024	(2011273)
Item 44	August 20, 2024	(2016875)
Item 45	September 20, 2024	(2023894)
Item 46	October 16, 2024	(2030017)
Item 47	November 18, 2024	(2036336)
Item 48	December 16, 2024	(2042449)

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

N/A

F. Environmental audits:

N/A

G. Type of environmental management systems (EMSs):

N/A

H. Voluntary on-site compliance assessment dates:

N/A

I. Participation in a voluntary pollution reduction program:

N/A

J. Early compliance:

N/A

Sites Outside of Texas:

N/A

DMR DATA

WQ0010015001 - CITY OF MATHIS

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure DAILY AV (mg/L)	Reported Measure DAILY MX (mg/L)	Reported Measure DAILY AV (lb/d)
TX0020419	12/31/2019	001A	BOD, carbonaceous [5 day, 20 C]	6.6	9	28.95
TX0020419	1/31/2020	001A	BOD, carbonaceous [5 day, 20 C]	6.25	7	25
TX0020419	2/29/2020	001A	BOD, carbonaceous [5 day, 20 C]	5.75	10	25.08
TX0020419	3/31/2020	001A	BOD, carbonaceous [5 day, 20 C]	4.2	6	17.53
TX0020419	4/30/2020	001A	BOD, carbonaceous [5 day, 20 C]	6	8	23.35
TX0020419	5/31/2020	001A	BOD, carbonaceous [5 day, 20 C]	7	8	28.03
TX0020419	6/30/2020	001A	BOD, carbonaceous [5 day, 20 C]	7.2	12	25.76
TX0020419	7/31/2020	001A	BOD, carbonaceous [5 day, 20 C]	8.5	12	43
TX0020419	8/31/2020	001A	BOD, carbonaceous [5 day, 20 C]	6.6	7	20.12
TX0020419	9/30/2020	001A	BOD, carbonaceous [5 day, 20 C]	8.5	11	30.44
TX0020419	10/31/2020	001A	BOD, carbonaceous [5 day, 20 C]	7.75	10	25.2
TX0020419	11/30/2020	001A	BOD, carbonaceous [5 day, 20 C]	6.4	7	20.86
TX0020419	12/31/2020	001A	BOD, carbonaceous [5 day, 20 C]	7.5	9	25.73
TX0020419	1/31/2021	001A	BOD, carbonaceous [5 day, 20 C]	7	8	25.17
TX0020419	2/28/2021	001A	BOD, carbonaceous [5 day, 20 C]	9.25	11	35.38
TX0020419	3/31/2021	001A	BOD, carbonaceous [5 day, 20 C]	8	10	28.27
TX0020419	4/30/2021	001A	BOD, carbonaceous [5 day, 20 C]	10.5	19	35.49
TX0020419	5/31/2021	001A	BOD, carbonaceous [5 day, 20 C]	10.8	22	58.25
TX0020419	6/30/2021	001A	BOD, carbonaceous [5 day, 20 C]	13	16	52.51
TX0020419	7/31/2021	001A	BOD, carbonaceous [5 day, 20 C]	18.75	36	59.26
TX0020419	8/31/2021	001A	BOD, carbonaceous [5 day, 20 C]	19.8	30	59.62
TX0020419	9/30/2021	001A	BOD, carbonaceous [5 day, 20 C]	16.5	31	51.61
TX0020419	10/31/2021	001A	BOD, carbonaceous [5 day, 20 C]	22.25	39	74.96
TX0020419	11/30/2021	001A	BOD, carbonaceous [5 day, 20 C]	10.2	18	33.68
TX0020419	12/31/2021	001A	BOD, carbonaceous [5 day, 20 C]	6.88	14	21.44
TX0020419	1/31/2022	001A	BOD, carbonaceous [5 day, 20 C]	2	2	6.64
TX0020419	2/28/2022	001A	BOD, carbonaceous [5 day, 20 C]	2	2	7.15
TX0020419	3/31/2022	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.57
TX0020419	4/30/2022	001A	BOD, carbonaceous [5 day, 20 C]	2	2	4.26

TX0020419	5/31/2022	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.02
TX0020419	6/30/2022	001A	BOD, carbonaceous [5 day, 20 C]	2	2	4.8
TX0020419	7/31/2022	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.31
TX0020419	8/31/2022	001A	BOD, carbonaceous [5 day, 20 C]	2	2	6.1
TX0020419	9/30/2022	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.88
TX0020419	10/31/2022	001A	BOD, carbonaceous [5 day, 20 C]	2.06	2.3	5.23
TX0020419	11/30/2022	001A	BOD, carbonaceous [5 day, 20 C]	6.4	6	18.18
TX0020419	12/31/2022	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.34
TX0020419	1/31/2023	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.43
TX0020419	2/28/2023	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.38
TX0020419	3/31/2023	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.46
TX0020419	4/30/2023	001A	BOD, carbonaceous [5 day, 20 C]	2.32	3.3	6.81
TX0020419	5/31/2023	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.27
TX0020419	6/30/2023	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.5
TX0020419	7/31/2023	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.3
TX0020419	8/31/2023	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.42
TX0020419	9/30/2023	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.8
TX0020419	10/31/2023	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.6
TX0020419	11/30/2023	001A	BOD, carbonaceous [5 day, 20 C]	2	2	5.64
TX0020419	12/31/2023	001A	BOD, carbonaceous [5 day, 20 C]	2	2	4.92
TX0020419	1/31/2024	001A	BOD, carbonaceous [5 day, 20 C]	2.8	6	7.15
TX0020419	2/29/2024	001A	BOD, carbonaceous [5 day, 20 C]	4	6	8.33
TX0020419	3/31/2024	001A	BOD, carbonaceous [5 day, 20 C]	3	6	6.6
TX0020419	4/30/2024	001A	BOD, carbonaceous [5 day, 20 C]	3.6	6	7.83
TX0020419	5/31/2024	001A	BOD, carbonaceous [5 day, 20 C]	4.55	8.2	9.67
TX0020419	6/30/2024	001A	BOD, carbonaceous [5 day, 20 C]	3	6	6.35
TX0020419	7/31/2024	001A	BOD, carbonaceous [5 day, 20 C]	4.1	7.5	8.87
TX0020419	8/31/2024	001A	BOD, carbonaceous [5 day, 20 C]	2.02	2.1	4.16
TX0020419	9/30/2024	001A	BOD, carbonaceous [5 day, 20 C]	2	2	4.57
TX0020419	10/31/2024	001A	BOD, carbonaceous [5 day, 20 C]	2	2	4.38
TX0020419	11/30/2024	001A	BOD, carbonaceous [5 day, 20 C]	2	2	4.09
TX0020419	12/31/2024	001A	BOD, carbonaceous [5 day, 20 C]	2	2	4.7
TX0020419	1/31/2025	001A	BOD, carbonaceous [5 day, 20 C]	2	2	4.85
			2 YEAR AVERAGE	2.46	3.32	5.92
			5 YEAR AVERAGE	5.34	7.76	17.78

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MO MIN (mg/L)	Reported Measure MO MAX (mg/L)
TX0020419	12/31/2019	001A	Chlorine, total residual	1.21	2.95
TX0020419	1/31/2020	001A	Chlorine, total residual	1.15	2.84

TX0020419	2/29/2020	001A	Chlorine, total residual	1.16	2.89
TX0020419	3/31/2020	001A	Chlorine, total residual	1.2	2.86
TX0020419	4/30/2020	001A	Chlorine, total residual	1.08	2.98
TX0020419	5/31/2020	001A	Chlorine, total residual	1.12	2.96
TX0020419	6/30/2020	001A	Chlorine, total residual	1.12	2.92
TX0020419	7/31/2020	001A	Chlorine, total residual	1.04	2.96
TX0020419	8/31/2020	001A	Chlorine, total residual	1.25	2.98
TX0020419	9/30/2020	001A	Chlorine, total residual	1.18	3.03
TX0020419	10/31/2020	001A	Chlorine, total residual	1.25	2.99
TX0020419	11/30/2020	001A	Chlorine, total residual	1.16	3.04
TX0020419	12/31/2020	001A	Chlorine, total residual	1.05	3.33
TX0020419	1/31/2021	001A	Chlorine, total residual	1.07	2.96
TX0020419	2/28/2021	001A	Chlorine, total residual	1.09	3.04
TX0020419	3/31/2021	001A	Chlorine, total residual	1.04	3.46
TX0020419	4/30/2021	001A	Chlorine, total residual	1.15	2.98
TX0020419	5/31/2021	001A	Chlorine, total residual	1.04	2.97
TX0020419	6/30/2021	001A	Chlorine, total residual	1.08	2.99
TX0020419	7/31/2021	001A	Chlorine, total residual	1.02	2.99
TX0020419	8/31/2021	001A	Chlorine, total residual	1.17	2.92
TX0020419	9/30/2021	001A	Chlorine, total residual	1.08	2.98
TX0020419	10/31/2021	001A	Chlorine, total residual	1.1	2.99
TX0020419	11/30/2021	001A	Chlorine, total residual	1.08	2.91
TX0020419	12/31/2021	001A	Chlorine, total residual	1.08	2.97
TX0020419	1/31/2022	001A	Chlorine, total residual	1.03	3.03
TX0020419	2/28/2022	001A	Chlorine, total residual	1.27	2.94
TX0020419	3/31/2022	001A	Chlorine, total residual	1.02	2.99
TX0020419	4/30/2022	001A	Chlorine, total residual	1.22	3.27
TX0020419	5/31/2022	001A	Chlorine, total residual	1.22	3.2
TX0020419	6/30/2022	001A	Chlorine, total residual	1.25	2.99
TX0020419	7/31/2022	001A	Chlorine, total residual	1.24	3.04
TX0020419	8/31/2022	001A	Chlorine, total residual	1.21	2.88
TX0020419	9/30/2022	001A	Chlorine, total residual	1.2	2.91
TX0020419	10/31/2022	001A	Chlorine, total residual	1.1	3.34
TX0020419	11/30/2022	001A	Chlorine, total residual	1.25	3.47
TX0020419	12/31/2022	001A	Chlorine, total residual	1.02	3.65
TX0020419	1/31/2023	001A	Chlorine, total residual	1	3.97
TX0020419	2/28/2023	001A	Chlorine, total residual	1	3.9
TX0020419	3/31/2023	001A	Chlorine, total residual	1	3.98
TX0020419	4/30/2023	001A	Chlorine, total residual	1	3.53
TX0020419	5/31/2023	001A	Chlorine, total residual	1	3.98
TX0020419	6/30/2023	001A	Chlorine, total residual	1.26	3.95

TX0020419	7/31/2023	001A	Chlorine, total residual	1	3.9
TX0020419	8/31/2023	001A	Chlorine, total residual	1.02	3.87
TX0020419	9/30/2023	001A	Chlorine, total residual	1	3.08
TX0020419	10/31/2023	001A	Chlorine, total residual	1	2.72
TX0020419	11/30/2023	001A	Chlorine, total residual	1.01	3.63
TX0020419	12/31/2023	001A	Chlorine, total residual	1.1	3.96
TX0020419	1/31/2024	001A	Chlorine, total residual	1.25	3.26
TX0020419	2/29/2024	001A	Chlorine, total residual	1.08	3.19
TX0020419	3/31/2024	001A	Chlorine, total residual	1.75	2.39
TX0020419	4/30/2024	001A	Chlorine, total residual	1.1	3.23
TX0020419	5/31/2024	001A	Chlorine, total residual	1.1	2.9
TX0020419	6/30/2024	001A	Chlorine, total residual	1	2.4
TX0020419	7/31/2024	001A	Chlorine, total residual	1.1	3.4
TX0020419	8/31/2024	001A	Chlorine, total residual	1.1	3.4
TX0020419	9/30/2024	001A	Chlorine, total residual	1.2	3.8
TX0020419	10/31/2024	001A	Chlorine, total residual	1.1	3.6
TX0020419	11/30/2024	001A	Chlorine, total residual	1.1	3.8
TX0020419	12/31/2024	001A	Chlorine, total residual	1.3	3.9
TX0020419	1/31/2025	001A	Chlorine, total residual	1.2	3.8
			2 YEAR AVERAGE	1.11	3.50
			5 YEAR AVERAGE	1.13	3.23

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure DAILY AV (CFU/100ml	Reported Measure DAILY MX (CFU/100mL)
TX0020419	12/31/2019	001A	E. coli	5	5
TX0020419	1/31/2020	001A	E. coli	5	5
TX0020419	2/29/2020	001A	E. coli	12.25	30
TX0020419	3/31/2020	001A	E. coli	3.16	5
TX0020419	4/30/2020	001A	E. coli	2	2
TX0020419	5/31/2020	001A	E. coli	3.16	5
TX0020419	6/30/2020	001A	E. coli	7	10
TX0020419	7/31/2020	001A	E. coli	2	2
TX0020419	8/31/2020	001A	E. coli	3.16	5
TX0020419	9/30/2020	001A	E. coli	3.16	5
TX0020419	10/31/2020	001A	E. coli	3.16	5
TX0020419	11/30/2020	001A	E. coli	6	26
TX0020419	12/31/2020	001A	E. coli	3.16	5
TX0020419	1/31/2021	001A	E. coli	3.46	10
TX0020419	2/28/2021	001A	E. coli	3.16	5
TX0020419	3/31/2021	001A	E. coli	3.16	5

TX0020419	4/30/2021	001A	E. coli	5	5
TX0020419	5/31/2021	001A	E. coli	31.62	500
TX0020419	6/30/2021	001A	E. coli	17.32	60
TX0020419	7/31/2021	001A	E. coli	5	5
TX0020419	8/31/2021	001A	E. coli	5	5
TX0020419	9/30/2021	001A	E. coli	5	5
TX0020419	10/31/2021	001A	E. coli	5	5
TX0020419	11/30/2021	001A	E. coli	5	5
TX0020419	12/31/2021	001A	E. coli	5	5
TX0020419	1/31/2022	001A	E. coli	1.41	2
TX0020419	2/28/2022	001A	E. coli	10	10
TX0020419	3/31/2022	001A	E. coli	1.76	3.1
TX0020419	4/30/2022	001A	E. coli	1	1
TX0020419	5/31/2022	001A	E. coli	11.29	127.4
TX0020419	6/30/2022	001A	E. coli	1	1
TX0020419	7/31/2022	001A	E. coli	9.39	88.2
TX0020419	8/31/2022	001A	E. coli	1	1
TX0020419	9/30/2022	001A	E. coli	3.16	10
TX0020419	10/31/2022	001A	E. coli	1	1
TX0020419	11/30/2022	001A	E. coli	1.5	2
TX0020419	12/31/2022	001A	E. coli	3	3.1
TX0020419	1/31/2023	001A	E. coli	16.68	79.4
TX0020419	2/28/2023	001A	E. coli	1	1
TX0020419	3/31/2023	001A	E. coli	5.5	10
TX0020419	4/30/2023	001A	E. coli	1210.3	2419.6
TX0020419	5/31/2023	001A	E. coli	1.7	3
TX0020419	6/30/2023	001A	E. coli	1	1
TX0020419	7/31/2023	001A	E. coli	4	10
TX0020419	8/31/2023	001A	E. coli	5.5	10
TX0020419	9/30/2023	001A	E. coli	1	1
TX0020419	10/31/2023	001A	E. coli	2.55	4.1
TX0020419	11/30/2023	001A	E. coli	1	1
TX0020419	12/31/2023	001A	E. coli	1	1
TX0020419	1/31/2024	001A	E. coli	1	1
TX0020419	2/29/2024	001A	E. coli	1	1
TX0020419	3/31/2024	001A	E. coli	1	1
TX0020419	4/30/2024	001A	E. coli	1	1
TX0020419	5/31/2024	001A	E. coli	1	1
TX0020419	6/30/2024	001A	E. coli	1	1
TX0020419	7/31/2024	001A	E. coli	1	1
TX0020419	8/31/2024	001A	E. coli	1	1

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TX0020419	9/30/2024	001A	E. coli	1	1
TX0020419	10/31/2024	001A	E. coli	1	1
TX0020419	11/30/2024	001A	E. coli	1	1
TX0020419	12/31/2024	001A	E. coli	1	1
TX0020419	1/31/2025	001A	E. coli	1	1
			2 YEAR GEOMEAN	1.91	2.37
			5 YEAR GEOMEAN	2.88	4.23

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure DAILY AV (MGD)	Reported Measure DAILY MX (MGD)
TX0020419	12/31/2019	001A	Flow, in conduit or thru treatment plant	0.51	0.90
TX0020419	1/31/2020	001A	Flow, in conduit or thru treatment plant	0.49	0.56
TX0020419	2/29/2020	001A	Flow, in conduit or thru treatment plant	0.43	0.54
TX0020419	3/31/2020	001A	Flow, in conduit or thru treatment plant	0.49	0.53
TX0020419	4/30/2020	001A	Flow, in conduit or thru treatment plant	0.50	0.80
TX0020419	5/31/2020	001A	Flow, in conduit or thru treatment plant	0.45	0.65
TX0020419	6/30/2020	001A	Flow, in conduit or thru treatment plant	0.46	0.84
TX0020419	7/31/2020	001A	Flow, in conduit or thru treatment plant	0.55	1.24
TX0020419	8/31/2020	001A	Flow, in conduit or thru treatment plant	0.35	0.49
TX0020419	9/30/2020	001A	Flow, in conduit or thru treatment plant	0.43	0.94
TX0020419	10/31/2020	001A	Flow, in conduit or thru treatment plant	0.42	0.87
TX0020419	11/30/2020	001A	Flow, in conduit or thru treatment plant	0.40	0.79
TX0020419	12/31/2020	001A	Flow, in conduit or thru treatment plant	0.40	<=.498
TX0020419	1/31/2021	001A	Flow, in conduit or thru treatment plant	0.36	0.54
TX0020419	2/28/2021	001A	Flow, in conduit or thru treatment plant	0.40	0.55
TX0020419	3/31/2021	001A	Flow, in conduit or thru treatment plant	0.40	0.46
TX0020419	4/30/2021	001A	Flow, in conduit or thru treatment plant	0.40	0.54
TX0020419	5/31/2021	001A	Flow, in conduit or thru treatment plant	0.57	1.19
TX0020419	6/30/2021	001A	Flow, in conduit or thru treatment plant	0.53	1.10
TX0020419	7/31/2021	001A	Flow, in conduit or thru treatment plant	0.47	1.41
TX0020419	8/31/2021	001A	Flow, in conduit or thru treatment plant	0.36	0.56
TX0020419	9/30/2021	001A	Flow, in conduit or thru treatment plant	0.37	0.44
TX0020419	10/31/2021	001A	Flow, in conduit or thru treatment plant	0.44	1.03
TX0020419	11/30/2021	001A	Flow, in conduit or thru treatment plant	0.36	0.49
TX0020419	12/31/2021	001A	Flow, in conduit or thru treatment plant	0.38	0.46
TX0020419	1/31/2022	001A	Flow, in conduit or thru treatment plant	0.34	0.43
TX0020419	2/28/2022	001A	Flow, in conduit or thru treatment plant	0.41	0.49
TX0020419	3/31/2022	001A	Flow, in conduit or thru treatment plant	0.32	0.41
TX0020419	4/30/2022	001A	Flow, in conduit or thru treatment plant	0.29	0.33
TX0020419	5/31/2022	001A	Flow, in conduit or thru treatment plant	0.31	0.41

TX0020419	6/30/2022	001A	Flow, in conduit or thru treatment plant	0.29	0.33
TX0020419	7/31/2022	001A	Flow, in conduit or thru treatment plant	0.32	0.41
TX0020419	8/31/2022	001A	Flow, in conduit or thru treatment plant	0.34	0.51
TX0020419	9/30/2022	001A	Flow, in conduit or thru treatment plant	0.32	0.44
TX0020419	10/31/2022	001A	Flow, in conduit or thru treatment plant	0.28	0.32
TX0020419	11/30/2022	001A	Flow, in conduit or thru treatment plant	0.34	0.76
TX0020419	12/31/2022	001A	Flow, in conduit or thru treatment plant	0.33	0.46
TX0020419	1/31/2023	001A	Flow, in conduit or thru treatment plant	0.33	0.39
TX0020419	2/28/2023	001A	Flow, in conduit or thru treatment plant	0.33	0.35
TX0020419	3/31/2023	001A	Flow, in conduit or thru treatment plant	0.34	0.63
TX0020419	4/30/2023	001A	Flow, in conduit or thru treatment plant	0.35	0.63
TX0020419	5/31/2023	001A	Flow, in conduit or thru treatment plant	0.32	0.45
TX0020419	6/30/2023	001A	Flow, in conduit or thru treatment plant	0.33	0.41
TX0020419	7/31/2023	001A	Flow, in conduit or thru treatment plant	0.32	0.37
TX0020419	8/31/2023	001A	Flow, in conduit or thru treatment plant	0.33	0.57
TX0020419	9/30/2023	001A	Flow, in conduit or thru treatment plant	0.35	0.46
TX0020419	10/31/2023	001A	Flow, in conduit or thru treatment plant	0.34	0.40
TX0020419	11/30/2023	001A	Flow, in conduit or thru treatment plant	0.34	0.43
TX0020419	12/31/2023	001A	Flow, in conduit or thru treatment plant	0.31	0.33
TX0020419	1/31/2024	001A	Flow, in conduit or thru treatment plant	0.32	0.81
TX0020419	2/29/2024	001A	Flow, in conduit or thru treatment plant	0.28	0.46
TX0020419	3/31/2024	001A	Flow, in conduit or thru treatment plant	0.27	0.43
TX0020419	4/30/2024	001A	Flow, in conduit or thru treatment plant	0.25	0.29
TX0020419	5/31/2024	001A	Flow, in conduit or thru treatment plant	0.25	0.30
TX0020419	6/30/2024	001A	Flow, in conduit or thru treatment plant	0.27	0.59
TX0020419	7/31/2024	001A	Flow, in conduit or thru treatment plant	0.26	0.44
TX0020419	8/31/2024	001A	Flow, in conduit or thru treatment plant	0.24	0.27
TX0020419	9/30/2024	001A	Flow, in conduit or thru treatment plant	0.29	0.49
TX0020419	10/31/2024	001A	Flow, in conduit or thru treatment plant	0.26	0.29
TX0020419	11/30/2024	001A	Flow, in conduit or thru treatment plant	0.25	0.28
TX0020419	12/31/2024	001A	Flow, in conduit or thru treatment plant	0.26	0.32
TX0020419	1/31/2025	001A	Flow, in conduit or thru treatment plant	0.29	0.52
			2 YEAR AVERAGE	0.30	0.44
			5 YEAR AVERAGE	0.36	0.56

EPA ID				Reported Measure	Reported Measure	Reported Measure
	Monitoring Period	Outfall	Parameter	DAILY AV (mg/L)	DAILY MX (mg/L)	DAILY AV (lb/d)
TX0020419	12/31/2019	001A	Nitrogen, ammonia total [as N]	0.16	0.34	0.69
TX0020419	1/31/2020	001A	Nitrogen, ammonia total [as N]	0.25	0.68	1.01
TX0020419	2/29/2020	001A	Nitrogen, ammonia total [as N]	1.00	3.50	4.44

TX0020419	3/31/2020	001A	Nitrogen, ammonia total [as N]	0.15	0.17	0.62
TX0020419	4/30/2020	001A	Nitrogen, ammonia total [as N]	0.24	0.27	0.94
TX0020419	5/31/2020	001A	Nitrogen, ammonia total [as N]	0.30	0.41	1.23
TX0020419	6/30/2020	001A	Nitrogen, ammonia total [as N]	0.37	0.83	1.33
TX0020419	7/31/2020	001A	Nitrogen, ammonia total [as N]	0.26	0.58	1.34
TX0020419	8/31/2020	001A	Nitrogen, ammonia total [as N]	0.27	0.55	0.82
TX0020419	9/30/2020	001A	Nitrogen, ammonia total [as N]	0.22	0.34	0.75
TX0020419	10/31/2020	001A	Nitrogen, ammonia total [as N]	0.25	0.46	0.82
TX0020419	11/30/2020	001A	Nitrogen, ammonia total [as N]	0.18	0.25	0.56
TX0020419	12/31/2020	001A	Nitrogen, ammonia total [as N]	0.19	0.27	0.65
TX0020419	1/31/2021	001A	Nitrogen, ammonia total [as N]	0.17	0.23	0.59
TX0020419	2/28/2021	001A	Nitrogen, ammonia total [as N]	0.36	0.91	1.50
TX0020419	3/31/2021	001A	Nitrogen, ammonia total [as N]	0.29	0.46	1.03
TX0020419	4/30/2021	001A	Nitrogen, ammonia total [as N]	3.05	5.00	10.30
TX0020419	5/31/2021	001A	Nitrogen, ammonia total [as N]	1.15	2.27	4.97
TX0020419	6/30/2021	001A	Nitrogen, ammonia total [as N]	1.26	2.11	4.97
TX0020419	7/31/2021	001A	Nitrogen, ammonia total [as N]	0.15	0.31	0.49
TX0020419	8/31/2021	001A	Nitrogen, ammonia total [as N]	0.10	0.10	0.30
TX0020419	9/30/2021	001A	Nitrogen, ammonia total [as N]	0.20	0.32	0.66
TX0020419	10/31/2021	001A	Nitrogen, ammonia total [as N]	0.29	0.42	0.99
TX0020419	11/30/2021	001A	Nitrogen, ammonia total [as N]	0.23	0.31	0.76
TX0020419	12/31/2021	001A	Nitrogen, ammonia total [as N]	0.24	0.29	0.76
TX0020419	1/31/2022	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.15
TX0020419	2/28/2022	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.16
TX0020419	3/31/2022	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.13
TX0020419	4/30/2022	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.10
TX0020419	5/31/2022	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.11
TX0020419	6/30/2022	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.11
TX0020419	7/31/2022	001A	Nitrogen, ammonia total [as N]	0.19	0.41	0.50
TX0020419	8/31/2022	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.14
TX0020419	9/30/2022	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.13
TX0020419	10/31/2022	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.11
TX0020419	11/30/2022	001A	Nitrogen, ammonia total [as N]	0.11	0.20	0.29
TX0020419	12/31/2022	001A	Nitrogen, ammonia total [as N]	0.05	0.06	0.13
TX0020419	1/31/2023	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.12
TX0020419	2/28/2023	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.13
TX0020419	3/31/2023	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.12
TX0020419	4/30/2023	001A	Nitrogen, ammonia total [as N]	0.06	0.09	0.16
TX0020419	5/31/2023	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.12
TX0020419	6/30/2023	001A	Nitrogen, ammonia total [as N]	0.06	0.09	0.15
TX0020419	7/31/2023	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.12

TX0020419	8/31/2023	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.12
TX0020419	9/30/2023	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.13
TX0020419	10/31/2023	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.13
TX0020419	11/30/2023	001A	Nitrogen, ammonia total [as N]	0.11	0.27	0.30
TX0020419	12/31/2023	001A	Nitrogen, ammonia total [as N]	0.05	0.07	0.12
TX0020419	1/31/2024	001A	Nitrogen, ammonia total [as N]	0.05	0.06	0.14
TX0020419	2/29/2024	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.08
TX0020419	3/31/2024	001A	Nitrogen, ammonia total [as N]	0.05	0.06	0.09
TX0020419	4/30/2024	001A	Nitrogen, ammonia total [as N]	0.07	0.09	0.17
TX0020419	5/31/2024	001A	Nitrogen, ammonia total [as N]	0.18	0.34	0.31
TX0020419	6/30/2024	001A	Nitrogen, ammonia total [as N]	0.25	0.81	0.52
TX0020419	7/31/2024	001A	Nitrogen, ammonia total [as N]	0.05	0.06	0.12
TX0020419	8/31/2024	001A	Nitrogen, ammonia total [as N]	0.08	0.13	0.12
TX0020419	9/30/2024	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.09
TX0020419	10/31/2024	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.11
TX0020419	11/30/2024	001A	Nitrogen, ammonia total [as N]	0.44	1.60	0.74
TX0020419	12/31/2024	001A	Nitrogen, ammonia total [as N]	0.06	0.08	0.13
TX0020419	1/31/2025	001A	Nitrogen, ammonia total [as N]	0.05	0.05	0.10
			2 YEAR AVERAGE	0.08	0.17	0.18
			5 YEAR AVERAGE	0.23	0.43	0.79

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MO MIN (mg/L)
TX0020419	12/31/2019	001A	Oxygen, dissolved [DO]	7.28
TX0020419	1/31/2020	001A	Oxygen, dissolved [DO]	7.46
TX0020419	2/29/2020	001A	Oxygen, dissolved [DO]	7.19
TX0020419	3/31/2020	001A	Oxygen, dissolved [DO]	7.35
TX0020419	4/30/2020	001A	Oxygen, dissolved [DO]	6.89
TX0020419	5/31/2020	001A	Oxygen, dissolved [DO]	6.15
TX0020419	6/30/2020	001A	Oxygen, dissolved [DO]	5.92
TX0020419	7/31/2020	001A	Oxygen, dissolved [DO]	6.26
TX0020419	8/31/2020	001A	Oxygen, dissolved [DO]	6.26
TX0020419	9/30/2020	001A	Oxygen, dissolved [DO]	6.2
TX0020419	10/31/2020	001A	Oxygen, dissolved [DO]	6.91
TX0020419	11/30/2020	001A	Oxygen, dissolved [DO]	7.22
TX0020419	12/31/2020	001A	Oxygen, dissolved [DO]	7.97
TX0020419	1/31/2021	001A	Oxygen, dissolved [DO]	6.79
TX0020419	2/28/2021	001A	Oxygen, dissolved [DO]	7.56
TX0020419	3/31/2021	001A	Oxygen, dissolved [DO]	7.47
TX0020419	4/30/2021	001A	Oxygen, dissolved [DO]	6.78

TX0020419	5/31/2021	001A	Oxygen, dissolved [DO]	6.57
TX0020419	6/30/2021	001A	Oxygen, dissolved [DO]	5.41
TX0020419	7/31/2021	001A	Oxygen, dissolved [DO]	6.18
TX0020419	8/31/2021	001A	Oxygen, dissolved [DO]	5.65
TX0020419	9/30/2021	001A	Oxygen, dissolved [DO]	6.47
TX0020419	10/31/2021	001A	Oxygen, dissolved [DO]	6.35
TX0020419	11/30/2021	001A	Oxygen, dissolved [DO]	7.09
TX0020419	12/31/2021	001A	Oxygen, dissolved [DO]	7.42
TX0020419	1/31/2022	001A	Oxygen, dissolved [DO]	8
TX0020419	2/28/2022	001A	Oxygen, dissolved [DO]	8.23
TX0020419	3/31/2022	001A	Oxygen, dissolved [DO]	7.61
TX0020419	4/30/2022	001A	Oxygen, dissolved [DO]	7.09
TX0020419	5/31/2022	001A	Oxygen, dissolved [DO]	7.48
TX0020419	6/30/2022	001A	Oxygen, dissolved [DO]	7.04
TX0020419	7/31/2022	001A	Oxygen, dissolved [DO]	7.04
TX0020419	8/31/2022	001A	Oxygen, dissolved [DO]	7.06
TX0020419	9/30/2022	001A	Oxygen, dissolved [DO]	7.47
TX0020419	10/31/2022	001A	Oxygen, dissolved [DO]	7.25
TX0020419	11/30/2022	001A	Oxygen, dissolved [DO]	7.36
TX0020419	12/31/2022	001A	Oxygen, dissolved [DO]	6.42
TX0020419	1/31/2023	001A	Oxygen, dissolved [DO]	7.89
TX0020419	2/28/2023	001A	Oxygen, dissolved [DO]	8
TX0020419	3/31/2023	001A	Oxygen, dissolved [DO]	7.67
TX0020419	4/30/2023	001A	Oxygen, dissolved [DO]	7.56
TX0020419	5/31/2023	001A	Oxygen, dissolved [DO]	7.24
TX0020419	6/30/2023	001A	Oxygen, dissolved [DO]	7.4
TX0020419	7/31/2023	001A	Oxygen, dissolved [DO]	7.27
TX0020419	8/31/2023	001A	Oxygen, dissolved [DO]	5.7
TX0020419	9/30/2023	001A	Oxygen, dissolved [DO]	5.16
TX0020419	10/31/2023	001A	Oxygen, dissolved [DO]	6.35
TX0020419	11/30/2023	001A	Oxygen, dissolved [DO]	7.21
TX0020419	12/31/2023	001A	Oxygen, dissolved [DO]	7.81
TX0020419	1/31/2024	001A	Oxygen, dissolved [DO]	7.63
TX0020419	2/29/2024	001A	Oxygen, dissolved [DO]	7.57
TX0020419	3/31/2024	001A	Oxygen, dissolved [DO]	7.37
TX0020419	4/30/2024	001A	Oxygen, dissolved [DO]	6.17
TX0020419	5/31/2024	001A	Oxygen, dissolved [DO]	6.51
TX0020419	6/30/2024	001A	Oxygen, dissolved [DO]	5.6
TX0020419	7/31/2024	001A	Oxygen, dissolved [DO]	6.57
TX0020419	8/31/2024	001A	Oxygen, dissolved [DO]	6.3
TX0020419	9/30/2024	001A	Oxygen, dissolved [DO]	6.48

TX0020419	10/31/2024	001A	Oxygen, dissolved [DO]	6.58
TX0020419	11/30/2024	001A	Oxygen, dissolved [DO]	7.35
TX0020419	12/31/2024	001A	Oxygen, dissolved [DO]	6.72
TX0020419	1/31/2025	001A	Oxygen, dissolved [DO]	7.46
			2 YEAR AVERAGE	6.94
			5 YEAR AVERAGE	6.94

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MINIMUM (SU)	Reported Measure MAXIMUM (SU)
TX0020419	12/31/2019	001A	pH	7.08	7.57
TX0020419	1/31/2020	001A	pH	7.02	7.47
TX0020419	2/29/2020	001A	pH	7.16	7.59
TX0020419	3/31/2020	001A	pH	7.25	7.62
TX0020419	4/30/2020	001A	pH	7.01	7.44
TX0020419	5/31/2020	001A	pH	7.1	7.48
TX0020419	6/30/2020	001A	pH	6.99	7.39
TX0020419	7/31/2020	001A	pH	6.98	7.55
TX0020419	8/31/2020	001A	pH	6.26	7.25
TX0020419	9/30/2020	001A	pH	6.34	7.09
TX0020419	10/31/2020	001A	pH	6.73	7.22
TX0020419	11/30/2020	001A	pH	6.93	7.31
TX0020419	12/31/2020	001A	pH	6.9	7.25
TX0020419	1/31/2021	001A	pH	7.03	7.44
TX0020419	2/28/2021	001A	pH	7.02	7.33
TX0020419	3/31/2021	001A	pH	7.03	7.36
TX0020419	4/30/2021	001A	pH	7	7.46
TX0020419	5/31/2021	001A	pH	6.99	7.51
TX0020419	6/30/2021	001A	pH	7.03	7.57
TX0020419	7/31/2021	001A	pH	6.59	7.38
TX0020419	8/31/2021	001A	pH	6.12	6.99
TX0020419	9/30/2021	001A	pH	6.13	6.99
TX0020419	10/31/2021	001A	pH	6.2	6.94
TX0020419	11/30/2021	001A	pH	6.5	7.38
TX0020419	12/31/2021	001A	pH	6.91	7.29
TX0020419	1/31/2022	001A	pH	6.98	7.27
TX0020419	2/28/2022	001A	pH	7	7.29
TX0020419	3/31/2022	001A	pH	7.02	7.53
TX0020419	4/30/2022	001A	pH	6.79	7.65
TX0020419	5/31/2022	001A	pH	6.78	7.59
TX0020419	6/30/2022	001A	pH	6.65	7.04

TX0020419	7/31/2022	001A	pH	6.62	7.51
TX0020419	8/31/2022	001A	pH	6.62	7.26
TX0020419	9/30/2022	001A	pH	6.98	7.46
TX0020419	10/31/2022	001A	pH	6.72	7.81
TX0020419	11/30/2022	001A	pH	7.25	8.1
TX0020419	12/31/2022	001A	pH	7	8.26
TX0020419	1/31/2023	001A	pH	7.11	8.32
TX0020419	2/28/2023	001A	pH	7.18	7.82
TX0020419	3/31/2023	001A	pH	7.11	7.77
TX0020419	4/30/2023	001A	pH	7.02	7.64
TX0020419	5/31/2023	001A	pH	6.73	7.56
TX0020419	6/30/2023	001A	pH	6.83	7.58
TX0020419	7/31/2023	001A	pH	7.11	7.71
TX0020419	8/31/2023	001A	pH	6.7	7.99
TX0020419	9/30/2023	001A	pH	6.58	7.74
TX0020419	10/31/2023	001A	pH	6.43	7.78
TX0020419	11/30/2023	001A	pH	6.12	7
TX0020419	12/31/2023	001A	pH	6.43	7.54
TX0020419	1/31/2024	001A	pH	6.39	8.31
TX0020419	2/29/2024	001A	pH	6.71	7.5
TX0020419	3/31/2024	001A	pH	6.58	7.53
TX0020419	4/30/2024	001A	pH	6.81	7.63
TX0020419	5/31/2024	001A	pH	6.8	7.31
TX0020419	6/30/2024	001A	pH	6.83	7.31
TX0020419	7/31/2024	001A	pH	6.84	7.1
TX0020419	8/31/2024	001A	pH	6.88	7.18
TX0020419	9/30/2024	001A	pH	6.86	7.15
TX0020419	10/31/2024	001A	pH	6.69	7.03
TX0020419	11/30/2024	001A	pH	6.76	6.95
TX0020419	12/31/2024	001A	pH	6.67	7.02
TX0020419	1/31/2025	001A	pH	6.79	7.56
			2 YEAR AVERAGE	6.76	7.52
			5 YEAR AVERAGE	6.80	7.46

EPA ID				Reported Measure	Reported Measure	Reported Measure
	Monitoring Period	Outfall	Parameter	DAILY AV (mg/L)	DAILY MX (mg/L)	DAILY AV (lb/d)
TX0020419	12/31/2019	001A	Solids, total suspended	4	4	17.43
TX0020419	1/31/2020	001A	Solids, total suspended	4	4	16
TX0020419	2/29/2020	001A	Solids, total suspended	4	4	17.42
TX0020419	3/31/2020	001A	Solids, total suspended	4	4	16.64

TX0020419	4/30/2020	001A	Solids, total suspended	4	4	15.43
TX0020419	5/31/2020	001A	Solids, total suspended	4	4	16.04
TX0020419	6/30/2020	001A	Solids, total suspended	4	4	13.9
TX0020419	7/31/2020	001A	Solids, total suspended	4	4	22
TX0020419	8/31/2020	001A	Solids, total suspended	5.8	13	18.22
TX0020419	9/30/2020	001A	Solids, total suspended	4	4	14.13
TX0020419	10/31/2020	001A	Solids, total suspended	4	4	13.17
TX0020419	11/30/2020	001A	Solids, total suspended	4	4	13.07
TX0020419	12/31/2020	001A	Solids, total suspended	4.25	5	14.64
TX0020419	1/31/2021	001A	Solids, total suspended	4	4	14.35
TX0020419	2/28/2021	001A	Solids, total suspended	4	4	15.05
TX0020419	3/31/2021	001A	Solids, total suspended	4	4	14.04
TX0020419	4/30/2021	001A	Solids, total suspended	4	4	13.51
TX0020419	5/31/2021	001A	Solids, total suspended	4.4	6	22.99
TX0020419	6/30/2021	001A	Solids, total suspended	5.75	8	23.25
TX0020419	7/31/2021	001A	Solids, total suspended	7.25	13	21.07
TX0020419	8/31/2021	001A	Solids, total suspended	6	7	18.18
TX0020419	9/30/2021	001A	Solids, total suspended	5.25	6	16.82
TX0020419	10/31/2021	001A	Solids, total suspended	4.5	5	15.53
TX0020419	11/30/2021	001A	Solids, total suspended	4	4	13.27
TX0020419	12/31/2021	001A	Solids, total suspended	4.5	6	14.12
TX0020419	1/31/2022	001A	Solids, total suspended	2.36	3	7.86
TX0020419	2/28/2022	001A	Solids, total suspended	3.5	4.4	12.44
TX0020419	3/31/2022	001A	Solids, total suspended	7	10	18.6
TX0020419	4/30/2022	001A	Solids, total suspended	2.55	4.2	5.5
TX0020419	5/31/2022	001A	Solids, total suspended	2	2	5.02
TX0020419	6/30/2022	001A	Solids, total suspended	2	2	4.8
TX0020419	7/31/2022	001A	Solids, total suspended	2.5	4	6.64
TX0020419	8/31/2022	001A	Solids, total suspended	2.58	4	7.65
TX0020419	9/30/2022	001A	Solids, total suspended	2.95	4	8.91
TX0020419	10/31/2022	001A	Solids, total suspended	3.2	4	8.12
TX0020419	11/30/2022	001A	Solids, total suspended	3.94	5.7	11.21
TX0020419	12/31/2022	001A	Solids, total suspended	4	4	10.68
TX0020419	1/31/2023	001A	Solids, total suspended	4.48	10	12.69
TX0020419	2/28/2023	001A	Solids, total suspended	3.05	4	8.15
TX0020419	3/31/2023	001A	Solids, total suspended	3.05	4	8.3
TX0020419	4/30/2023	001A	Solids, total suspended	5.68	9.5	16.62
TX0020419	5/31/2023	001A	Solids, total suspended	4.4	5.6	11.6
TX0020419	6/30/2023	001A	Solids, total suspended	4.15	5.1	11.42
TX0020419	7/31/2023	001A	Solids, total suspended	4.68	5.8	12.4
TX0020419	8/31/2023	001A	Solids, total suspended	19.83	60	53.74

TX0020419	9/30/2023	001A	Solids, total suspended	10.2	5	29.58
TX0020419	10/31/2023	001A	Solids, total suspended	4.15	5.4	11.62
TX0020419	11/30/2023	001A	Solids, total suspended	39.2	150	110.15
TX0020419	12/31/2023	001A	Solids, total suspended	3.9	6.9	9.18
TX0020419	1/31/2024	001A	Solids, total suspended	3.2	4.8	8.34
TX0020419	2/29/2024	001A	Solids, total suspended	3.42	6.8	7
TX0020419	3/31/2024	001A	Solids, total suspended	3.4	5.6	7.59
TX0020419	4/30/2024	001A	Solids, total suspended	2.4	4	5.29
TX0020419	5/31/2024	001A	Solids, total suspended	2.12	2.5	4.53
TX0020419	6/30/2024	001A	Solids, total suspended	3.97	9.9	8.92
TX0020419	7/31/2024	001A	Solids, total suspended	2.48	3.1	5.32
TX0020419	8/31/2024	001A	Solids, total suspended	2	2	4.1
TX0020419	9/30/2024	001A	Solids, total suspended	2	2	4.57
TX0020419	10/31/2024	001A	Solids, total suspended	2.28	3.4	5.02
TX0020419	11/30/2024	001A	Solids, total suspended	2	2	4.09
TX0020419	12/31/2024	001A	Solids, total suspended	2	2	4.7
TX0020419	1/31/2025	001A	Solids, total suspended	2	2	4.85
			2 YEAR AVERAGE	5.60	12.86	14.79
			5 YEAR AVERAGE	4.68	8.16	14.31

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (N=0;Y=1)
TX0020419	7/31/2020	SLDF	Compliance w/part 258 sludge requirement	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0020419	7/31/2020	SLDP	Annual amount of sludge land applied	0

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0020419	7/31/2020	SLDP	Annual amt of sludge incinerated	0

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0020419	7/31/2020	SLDP	Annual amt sludge disposed in landfill	0

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0020419	7/31/2020	SLDP	Annual amt. sludge disposed surface unit	0

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0020419	7/31/2020	SLDP	Annual amt sludge transported interstate	0

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0020419	7/31/2020	SLDP	Annual sludge production, total	106.04

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL MAX (mg/kg)
TX0020419	7/31/2020	SLDP	Polychlorinated biphenyls [PCBs]	<.034

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MO AV MN (pass=0;fail=1)
TX0020419	7/31/2020	SLDP	Toxicity characteristic leaching procedure	0

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ANNL TOT (DMT/y)
TX0020419	7/31/2020	SLDP	Ann. amt sludge disposed by other method	0

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MX VALUE (met t/ha/yr)
TX0020419	7/31/2020	SLLA	Annual whole sludge application rate	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0020419	7/31/2020	SLLA	Arsenic, dry weight	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)

TX0020419	7/31/2020	SLLA	Cadmium, dry weight	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0020419	7/31/2020	SLLA	Chromium, sludge, total, dry weight [as Cr]	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0020419	7/31/2020	SLLA	Copper, dry weight	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0020419	7/31/2020	SLLA	Lead, sludge, total, dry weight [as Pb]	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0020419	7/31/2020	SLLA	Mercury, sludge, total, dry weight [as Hg]	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0020419	7/31/2020	SLLA	Molybdenum, sludge, total, dry weight [as Mo]	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0020419	7/31/2020	SLLA	Nickel, sludge, total, dry weight [as Ni]	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0020419	7/31/2020	SLLA	Selenium, dry weight	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (mg/kg)	Reported Measure MAXIMUM (mg/kg)	Reported Measure MX VALUE (lb/acr)
TX0020419	7/31/2020	SLLA	Zinc, sludge, total, dry weight [as Zn]	NODI=C	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (table #)
TX0020419	7/31/2020	SLLA	Pollutant table from 503.13	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (alt #)
TX0020419	7/31/2020	SLLA	Description of pathogen option used	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (alt #)
TX0020419	7/31/2020	SLLA	Vector attraction reduction alternative used	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MX VALUE (state class)
TX0020419	7/31/2020	SLLA	Level of pathogen requirements achieved	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MAXIMUM (MPN/g)
TX0020419	7/31/2020	SLLY	Fecal coliform	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MAXIMUM (MPN/g)
TX0020419	7/31/2020	SLLY	Salmonella	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ALLWCONC (mg/kg)	Reported Measure SINGSAMP (mg/kg)
TX0020419	7/31/2020	SLSA	Arsenic, dry weight	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (acr)
TX0020419	7/31/2020	SLSA	Boundary areas	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ALLWCONC (mg/kg)	Reported Measure SINGSAMP (mg/kg)
TX0020419	7/31/2020	SLSA	Chromium, sludge, total, dry weight [as Cr]	NODI=C	NODI=C

EPA ID				Reported Measure

	Monitoring Period	Outfall	Parameter	VALUE (alt #)
TX0020419	7/31/2020	SLSA	Description of pathogen option used	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure ALLWCONC (mg/kg)	Reported Measure SINGSAMP (mg/kg)
TX0020419	7/31/2020	SLSA	Nickel, total [as Ni]	NODI=C	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure MINIMUM (SU)
TX0020419	7/31/2020	SLSA	pH	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (N=0;Y=1)
TX0020419	7/31/2020	SLSA	Unit w/liner/leachate collection system	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure VALUE (alt #)
TX0020419	7/31/2020	SLSA	Vector attraction reduction alternative used	NODI=C

EPA ID	Monitoring Period	Outfall	Parameter	Reported Measure SINGSAMP (state class)
TX0020419	7/31/2020	SLSA	Level of pathogen requirements achieved	NODI=C

Senate Bill 709 (84th Legislative Session, 2015) amended the Texas Water Code by adding new Section 5.5553, which requires the Texas Commission on Environmental Quality (TCEQ) to provide written notice to you at least thirty (30) days prior to the TCEQ's issuance of draft permits for applications that are located in your district.

City of Mathis, 411 East San Patricio Avenue, Mathis, Texas 78368, has applied to the TCEQ to renew Texas Pollutant Discharge Elimination System Permit No. WQ0010015001 (EPA I.D. No. TX0020419) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 947,000 gallons per day. The domestic wastewater treatment facility is located approximately 1.25 miles northwest of the intersection of Farm-to-Market Road 666 and Farm-to-Market Road 1068, in the city of Mathis, in San Patricio County, Texas 78368. The discharge route is from the plant site to a ditch, thence to an unnamed reservoir, thence to an unnamed tributary, thence to Lake Corpus Christi in Segment No. 2103 of the Nueces River Basin. TCEQ received this application on January 30, 2025. The permit application will be available for viewing and copying at Mathis City Hall, 411 East San Patricio Avenue, Mathis, in San Patricio County, Texas. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications.
This link to an electronic map of the site or facility's general location is provided as a public courtesy and is not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.846111,28.105277&level=18

TCEQ is preparing the initial draft permit. At the time the draft permit is issued, the applicant will be required to publish notice in a newspaper of general circulation, and the TCEQ will provide a copy of the notice of draft permit to persons who have requested to be on a mailing list.

Questions regarding this application may be directed to Mr. Deba Dutta, P.E., by calling 512-239-4608.

Issuance Date: _____

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

Date: 02/10/2025

To: Municipal Permits Team

Thru: Colleen Cook, Pretreatment Team Leader

From: Devon Thomas, Pretreatment Coordinator

Subject: Pretreatment program option for the TPDES Permit No. WQ0010015001, City of Mathis – City of Mathis WWTP summary sheet

I have reviewed the above referenced permit and have determined that the publicly-owned treatment works (POTW) receives the standard pretreatment language.

Option 1: This general pretreatment boilerplate language should be put in TPDES permits for all POTWs that do not have either an approved pretreatment program or requirement to develop a new pretreatment program.

Within this standard language, the Pretreatment Program has not incorporated additional pretreatment language requirements. Please incorporate the following language for permittee's FACT SHEET, if applicable, under:

1. INDUSTRIAL WASTE CONTRIBUTION

The City of Mathis WWTP does not appear to receive significant industrial wastewater contributions. Based on the information provided by the permittee in the most recent TPDES permit application, the TCEQ determined that there are no significant industrial wastewater contributions currently being discharged to the permittee's POTW.

2. PRETREATMENT REQUIREMENTS

Permit requirements for pretreatment are based on TPDES regulations contained in 30 TAC Chapter 305 which references 40 CFR Part 403, General Pretreatment Regulations for Existing and New Sources of Pollution *[rev. Federal Register/ Vol. 70/ No. 198/ Friday, October 14, 2005/ Rules and Regulations, pages 60134-60798].* The permit includes specific requirements that establish responsibilities of local government, industry, and the public to implement the standards to control pollutants which pass through or interfere with treatment processes in publicly owned treatment works or which may contaminate the sewage sludge. This permit has appropriate pretreatment language for a facility of this size and complexity.

3. SUMMARY OF CHANGES FROM EXISTING PERMIT

The pretreatment language has not been updated from the current permit. The pretreatment requirements will continue until permit expiration.

TCEQ Interoffice Memorandum

To: Municipal Permits Team
Wastewater Permitting Section

From: Orlando M. Vasquez, Jr., P.E.
Water Quality Assessment Team
Water Quality Assessment Section

Date: March 04, 2025

Subject: City of Mathis
Permit Renewal (WQ0010015001, TX0020419)
Discharge to tributary of Lake Corpus Christi (Segment No. 2103) of the Nueces River Basin

The referenced applicant is proposing to renew its permit authorizing the discharge of 0.947 MGD of treated domestic wastewater into the watershed of Lake Corpus Christi (Segment No. 2103). The facility is located in San Patricio County.

This permit action is for renewal of an existing authorization. A dissolved oxygen modeling analysis was previously performed for this permit on February 17, 2015, by James E. Michalk. Applicable water body uses and criteria, proposed permitted flow conditions, and modeling analytical procedures pertaining to this discharge situation remain unchanged from the previous review. Therefore, the existing effluent set of **10 mg/L $CBOD_5$, 3 mg/L NH_3-N, and 5.0 mg/L DO** is applicable to this permit. No additional modeling work was performed for the current permit action.

Segment No. 2103 is not currently listed on the State's inventory of impaired and threatened waters (**2024** Clean Water Act Section 303(d) list).

The existing effluent limits have been reviewed for consistency with the State of Texas Water Quality Management Plan (WQMP). The existing limits are consistent with the approved WQMP.

TCEQ Interoffice Memorandum

To: Municipal Permits Team
Wastewater Permitting Section

From: Lauren Williams, Standards Implementation Team
Water Quality Assessment Section
Water Quality Division

Date: February 27, 2025

Subject: City of Mathis;
Permit No. WQ0010015001
Renewal; Application received January 30, 2025

The discharge route for the above referenced permit is to a ditch, thence to an unnamed reservoir, thence to an unnamed tributary, thence to Lake Corpus Christi in Segment 2103 of the Nueces River Basin. The designated uses and dissolved oxygen criterion as stated in Appendix A of the Texas Surface Water Quality Standards (30 Texas Administrative Code §307.10) for Segment 2103 are primary contact recreation, public water supply, high aquatic life use, and 5.0 mg/L dissolved oxygen.

Since the discharge is directly to an unclassified water body, the permit action was reviewed in accordance with 30 Texas Administrative Code §307.4(h) and (l) of the 2022 Texas Surface Water Quality Standards and the *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010). Based on available information, a preliminary determination of the aquatic life uses in the area of the discharge impact has been performed and the corresponding dissolved oxygen criterion assigned.

Ditch; minimal aquatic life use; 2.0 mg/L dissolved oxygen.
Unnamed reservoir; limited aquatic life use; 3.0 mg/L dissolved oxygen.
Unnamed tributary; minimal aquatic life use; 2.0 mg/L dissolved oxygen.

The discharge from this permit action is not expected to have an effect on any federal endangered or threatened aquatic or aquatic dependent species or proposed species or their critical habitat. This determination is based on the United States Fish and Wildlife Service's (USFWS) biological opinion on the State of Texas authorization of the Texas Pollutant Discharge Elimination System (TPDES; September 14, 1998; October 21, 1998 update). To make this determination for TPDES permits, TCEQ and EPA only considered aquatic or aquatic dependent species occurring in watersheds of critical concern or high priority as listed in Appendix A of the USFWS biological opinion. The determination is subject to reevaluation due to subsequent updates or amendments to the biological opinion. The permit does not require EPA review with respect to the presence of endangered or threatened species.