



Technical Package Cover Page

This file contains the following documents:

1. Summary of application (in plain language)
 - English
 - Alternative Language (Spanish)
2. First notice (NORI-Notice of Receipt of Application and Intent to Obtain a Permit)
 - English
 - Alternative Language (Spanish)
3. Second notice (NAPD-Notice of Preliminary Decision)
 - English
 - Alternative Language (Spanish)
4. Application materials *
5. Draft permit *
6. Technical summary or fact sheet *

* **NOTE:** This application was declared Administratively Complete before June 1, 2024. The application materials, draft permit, and technical summary or fact sheet are available for review at the Public Viewing Location provided in the NAPD.

The Texas Parks and Wildlife Department (CN600134852) operates the Cooper Lake State Park South Sulphur Unit Wastewater Treatment Facility (WWTF) RN102916111. The facility is located at 1690 Farm-to-Market Road 3505, near the city of Sulphur Springs, in Hopkins County, Texas 75482.

This application is intended to renew permit No. WQ0013613001 for continued wastewater treatment operation.

Discharges from the facility are expected to contain Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), and E. coli. The solely domestic wastewater discharges are treated by an aerated pond system consisting of three aerated lagoons, clarification, sand filtration, and disinfection.



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0013613001

APPLICATION. Texas Parks and Wildlife Department, 4200 Smith School Road, Austin, Texas 78744, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0013613001 (EPA I.D. No. TX0108499) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 40,000 gallons per day. The domestic wastewater facility is located at 1690 Farm-to-Market Road 3505, near the city of Sulphur Springs, in Hopkins County, Texas 75482. The discharge route is from the plant site to directly to Jim L. Chapman Lake. TCEQ received this application on February 12, 2024. The permit application will be available for viewing and copying at TPWD Cooper Lake State Park South Sulphur Unit Park Headquarters, Front Desk, 1690 Farm to Market Road 305, Sulphur Springs, in Hopkins County, Texas and Delta County: TPWD Cooper Lake State Park Doctors Creek Unit Park Headquarters , Front Desk, 95 Park Road 8154, Cooper, in Delta County, Texas, prior to the date this notice is published in the newspaper. 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=-95.666388,33.286944&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 Texas Parks and Wildlife Department at the address stated above or by calling Mr. Steve Killian, Park Superintendent, at 903-945-5256.

Issuance Date: April 12, 2024

Texas Commission on Environmental Quality



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

RENEWAL

PERMIT NO. WQ0013613001

APPLICATION AND PRELIMINARY DECISION. Texas Parks and Wildlife Department, 4200 Smith School Road, Austin, Texas 78744, has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0013613001 which authorizes the discharge of treated domestic wastewater at a daily average flow not to exceed 40,000 gallons per day. TCEQ received this application on February 12, 2024.

The facility is located at 1690 Farm-to-Market Road 3505, in Hopkins County, Texas 75482. The treated effluent is discharged directly to Jim L. Chapman Lake in Segment No. 0307 of the Sulphur River Basin. The designated uses for Segment No. 0307 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=-95.666388,33.286944&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 TPWD Cooper Lake State Park South Sulphur Unit Park Headquarters, Front Desk, 1690 Farm to Market Road 305, Sulphur Springs, in Hopkins County, Texas and Delta County: TPWD Cooper Lake State Park Doctors Creek Unit Park Headquarters, Front Desk, 95 Park Road 8154, Cooper, in Delta County, Texas.

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 Texas Parks and Wildlife Department at the address stated above or by calling Mr. Aron Maib, Park Superintendent, at 903-916-0211.

Issuance Date: September 13, 2024



TPDES PERMIT NO. WQ0013613001
*[For TCEQ office use only - EPA I.D.
No. TX0108499]*

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

This is a renewal that replaces TPDES
Permit No. WQ0013613001 issued on
July 16, 2019.

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

Texas Parks and Wildlife Department

whose mailing address is

4200 Smith School Road
Austin, Texas 78744

is authorized to treat and discharge wastes from the Cooper Lake State Park - South Sulphur Unit
Wastewater Treatment Facility, SIC Code 7032

located at 1690 Farm-to-Market Road 3505, in Hopkins County, Texas 75482

directly to Jim L. Chapman Lake in Segment No. 0307 of the Sulphur 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 REQUIREMENTSOutfall 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 0.04 million gallons per day (MGD) nor shall the average discharge during any two-hour period (2-hour peak) exceed 111 gallons per minute (gpm).

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Min. Self-Monitoring Requirements</u>	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Max. Single Grab Measurement Frequency	Sample Type
Flow, MGD	Report	N/A	Report	N/A	Five/week	Instantaneous
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (3.3)	15	25	35	One/week	Grab
Total Suspended Solids	10 (3.3)	15	25	35	One/week	Grab
Ammonia Nitrogen	5 (1.7)	7	10	15	One/week	Grab
<i>E. coli</i> , colony-forming units or most probable number per 100 ml	126	N/A	N/A	399	One/quarter	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 five times per week by grab sample. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.
3. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once per month by grab sample.
4. There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
5. Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.
6. The effluent shall contain a minimum dissolved oxygen of 4.0 mg/l and shall be monitored once per week by grab sample.

DEFINITIONS AND STANDARD PERMIT CONDITIONS

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

1. Flow Measurements

- a. Annual average flow - the arithmetic average of all daily flow determinations taken within the preceding 12 consecutive calendar months. The annual average flow determination shall consist of daily flow volume determinations made by a totalizing meter, charted on a chart recorder and limited to major domestic wastewater discharge facilities with one million gallons per day or greater permitted flow.
- b. Daily average flow - the arithmetic average of all determinations of the daily flow within a period of one calendar month. The daily average flow determination shall consist of determinations made on at least four separate days. If instantaneous measurements are used to determine the daily flow, the determination shall be the arithmetic average of all instantaneous measurements taken during that month. Daily average flow determination for intermittent discharges shall consist of a minimum of three flow determinations on days of discharge.
- c. Daily maximum flow - the highest total flow for any 24-hour period in a calendar month.
- d. Instantaneous flow - the measured flow during the minimum time required to interpret the flow measuring device.
- e. 2-hour peak flow (domestic wastewater treatment plants) - the maximum flow sustained for a two-hour period during the period of daily discharge. The average of multiple measurements of instantaneous maximum flow within a two-hour period may be used to calculate the 2-hour peak flow.
- f. Maximum 2-hour peak flow (domestic wastewater treatment plants) - the highest 2-hour peak flow for any 24-hour period in a calendar month.

2. Concentration Measurements

- a. Daily average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar month, consisting of at least four separate representative measurements.
 - i. For domestic wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values in the previous four consecutive month period consisting of at least four measurements shall be utilized as the daily average concentration.

- ii. For all other wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values taken during the month shall be utilized as the daily average concentration.
- b. 7-day average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar week, Sunday through Saturday.
- c. Daily maximum concentration - the maximum concentration measured on a single day, by the sample type specified in the permit, within a period of one calendar month.
- d. Daily discharge - the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the sampling day.

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

- e. Bacteria concentration (*E. coli* or Enterococci) - Colony Forming Units (CFU) or Most Probable Number (MPN) of bacteria per 100 milliliters effluent. The daily average bacteria concentration is a geometric mean of the values for the effluent samples collected in a calendar month. The geometric mean shall be determined by calculating the n th root of the product of all measurements made in a calendar month, where n equals the number of measurements made; or, computed as the antilogarithm of the arithmetic mean of the logarithms of all measurements made in a calendar month. For any measurement of bacteria equaling zero, a substituted value of one shall be made for input into either computation method. If specified, the 7-day average for bacteria is the geometric mean of the values for all effluent samples collected during a calendar week.
 - f. Daily average loading (lbs/day) - the arithmetic average of all daily discharge loading calculations during a period of one calendar month. These calculations must be made for each day of the month that a parameter is analyzed. The daily discharge, in terms of mass (lbs/day), is calculated as (Flow, MGD x Concentration, mg/l x 8.34).
 - g. Daily maximum loading (lbs/day) - the highest daily discharge, in terms of mass (lbs/day), within a period of one calendar month.
3. Sample Type
- a. Composite sample - For domestic wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (a). For industrial wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (b).

- b. Grab sample - an individual sample collected in less than 15 minutes.
- 4. Treatment Facility (facility) - wastewater facilities used in the conveyance, storage, treatment, recycling, reclamation and/or disposal of domestic sewage, industrial wastes, agricultural wastes, recreational wastes, or other wastes including sludge handling or disposal facilities under the jurisdiction of the Commission.
- 5. The term "sewage sludge" is defined as solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in 30 TAC Chapter 312. This includes the solids that have not been classified as hazardous waste separated from wastewater by unit processes.
- 6. 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 Compliance Monitoring Team of 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 Compliance

Monitoring Team of 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 Compliance Monitoring Team of 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 Compliance Monitoring Team of 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 Compliance Monitoring Team of 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 Compliance Monitoring Team of 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 the 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 5) 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. This annual report shall be submitted to the TCEQ Regional Office (MC Region 5) and the Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

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

<u>Pollutant</u>	<u>Ceiling Concentration</u> <u>(Milligrams per kilogram)*</u>
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)(2)(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 the permit
PCBs	- once during the term of the permit

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

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

(*) *The amount of bulk 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 landfill) 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

<u>Pollutant</u>	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

<u>Pollutant</u>	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 report annually to the TCEQ Regional Office (MC Region 5) and Compliance Monitoring Team (MC 224) of the Enforcement Division, by September 30th of each year the following information. The permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

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 the 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 5) 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 5) and the Compliance Monitoring Team (MC 224) of the Enforcement Division 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 report annually to the TCEQ Regional Office (MC Region 5) and Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30th of each year the following information. The permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

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 report the following information annually to the TCEQ Regional Office (MC Region 5) and Compliance Monitoring Team (MC 224) of the Enforcement Division, by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

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.

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. The permittee shall comply with the requirements of 30 TAC § 309.13(a) through (d). In addition, by ownership of the required buffer zone area, the permittee shall comply with the requirements of 30 TAC § 309.13(e).
4. 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, 1/quarter may be reduced to 1/6 months. **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: Texas Parks and Wildlife Department
Texas Pollutant Discharge Elimination System (TPDES) Permit
No. WQ0013613001, EPA ID No. TX0108499

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 0.04 MGD. The existing wastewater treatment facility serves the TPWD Cooper Lake State Park South Sulphur Unit.

PROJECT DESCRIPTION AND LOCATION

The Cooper Lake State Park - South Sulphur Unit Wastewater Treatment Facility is an activated sludge process plant operated in the extended aeration mode. Treatment units include two bar screens, three aeration lagoons, one final clarifiers, two slow sand filters, and a chlorine contact chamber. The facility is in operation.

The draft permit 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 at 1690 Farm-to-Market Road 3505, in Hopkins County, Texas 75482.

Outfall Location:

Outfall Number	Latitude	Longitude
001	33.289553 N	95.667028 W

The treated effluent is discharged directly to Jim L. Chapman Lake in Segment No. 0307 of the Sulphur River Basin. The designated uses for Segment No. 0307 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 proposed 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's) biological opinion on the State of Texas authorization of the 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 0307 is not currently listed on the State's inventory of impaired and threatened waters (the 2022 Clean Water Act Section 303(d) list). However, Middle Sulphur River (0307A) is listed for bacteria in water from the confluence Cooper Lake in Hopkins County to the upstream perennial portion of the stream east of Wolf City in Hunt County (AU 0307A_01). This facility is designed to provide adequate disinfection and, when operated properly, should not add to the bacterial impairment of Middle Sulphur River.

SUMMARY OF EFFLUENT DATA

The following is a summary of the applicant's effluent monitoring data for the period January 2022 through January 2024. 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 (CBOD₅), total suspended solids (TSS), and

ammonia nitrogen (NH₃-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.

<u>Parameter</u>	<u>Average of Daily Average</u>
Flow, MGD	.014
CBOD ₅ , mg/l	3.3
TSS, mg/l	3.1
NH ₃ -N, mg/l	1.8
<i>E. coli</i> , CFU or MPN per 100 ml	3.0

DRAFT PERMIT CONDITIONS

The draft permit authorizes a discharge of treated domestic wastewater at a volume not to exceed a daily average flow of 0.04 MGD.

The effluent limitations in the draft permit, based on a 30-day average, are 10 mg/l CBOD₅, 10 mg/l TSS, 5 mg/l NH₃-N, 126 CFU or MPN of *E. coli* per 100 ml, and 4.0 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 facility does not appear to receive significant industrial wastewater contributions. Permit requirements for pretreatment are based on TPDES regulations contained in 30 TAC Chapter 305, which references 40 Code of Federal Regulations (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 draft 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. The draft permit 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 February 12, 2024, and additional information received on March 22, 2024.
2. TPDES Permit No. WQ0013613001 issued on July 16, 2019.
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.
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 2022 Clean Water Act Section 303(d) List, Texas Commission on Environmental Quality, June 1, 2022; approved by the U.S. Environmental Protection Agency on July 7, 2022.
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.

Texas Parks and Wildlife Department

TPDES Permit No. WQ0013613001

Statement of Basis/Technical Summary and Executive Director's Preliminary Decision

For additional information about this application, contact Kimberly Kendall, P.E. at (512) 239-4540.

Kimberly Kendall, P.E.
Municipal Permits Team
Wastewater Permitting Section (MC 148)

Date

II INDUSTRIAL/MUNICIPAL APPLICATIONS ROUTE SHEET

New _____

Major Amend _____

Minor Amend _____

Renewal X

Major Facility _____

Application Reviewer ✓ Technical Reviewer _____

Final Flow ≥ 1MGD _____

DATE APPLICATION RECEIVED 2/12/2024

PERMIT NUMBER 0013613001

PRE PREVIEW BY STANDARDS (RWA) _____

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

N/A X

PRE PREVIEW BY GROUNDWATER _____

TLAP Only: Route copy of new and major amend.

N/A X

PRE TECH REVIEW REQUIRED _____

Route copy of new, major amendments, major facilities or final flow ≥ 1MGD for Municipal.

N/A X

COASTAL ZONE DETERMINATION _____

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

N/A X

COMMENTS ARE DUE TO APPLICATIONS TEAM BY CLOSING ON _____

PRE TECH REVIEW PERFORMED BY _____

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

Coastal Zone Determination

(To Be Verified Upon Receipt Of The Application)

Permit Number 0013613001

County Hopkins

Indicate Type of Application:

☒ **Renewal** ☐ **Minor Amendment** ☐ **Major Amendment**

Is the facility on the Coastal Zone list?

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

☒ **NO** (Do not include statement in any notice)

☐ **New** ☐ **Major Amendment**

Is the facility located in one of the following counties?

<input type="checkbox"/> Aransas	<input type="checkbox"/> Galveston	<input type="checkbox"/> Kleberg	<input type="checkbox"/> San Patricio
<input type="checkbox"/> Brazoria	<input type="checkbox"/> Harris	<input type="checkbox"/> Matagorda	<input type="checkbox"/> Victoria
<input type="checkbox"/> Calhoun	<input type="checkbox"/> Jackson	<input type="checkbox"/> Nueces	<input type="checkbox"/> Willacy
<input type="checkbox"/> Cameron	<input type="checkbox"/> Jefferson	<input type="checkbox"/> Orange	
<input type="checkbox"/> Chambers	<input type="checkbox"/> Kenedy	<input type="checkbox"/> Refugio	

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

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

Water Quality Assessment Team's determination:

Is the discharge in the Coastal Zone?

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

☐ **NO** Do not include statement in the Admin Complete Notice

Return to Applications Team by _____



February 6, 2024

9489 0090 0027 6381 0224 84

Commissioners

Jeffery D. Hildebrand
Chairman
Houston

James E. Abell
Kilgore

Oliver J. Bell
Cleveland

Paul L. Foster
El Paso

Anna B. Galo
Laredo

Wm. Leslie Doggett
Houston

Robert L. "Bobby" Patton, Jr.
Fort Worth

Travis B. "Blake" Rowling
Dallas

Dick Scott
Wimberley

Lee M. Bass
Chairman-Emeritus
Fort Worth

T. Dan Friedkin
Chairman-Emeritus
Houston

David Yoskowitz
Executive Director

Application Review and Processing Team
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Re: TPWD Cooper Lake State Park South Sulphur Unit WWTF
TCEQ Permit/ID No. WQ0013613001
Permit Renewal Application

Attached is the original permit renewal application and an additional three copies for the Texas Parks and Wildlife (TPWD) Cooper Lake State Park South Sulphur Unit Wastewater Treatment Facility (WWTF). If you have any questions concerning this application, please contact me at (512) 389-4665.

Please initiate an Interagency Transaction Voucher (ITV) for the amount of \$315.00 to cover the fees for this renewal. If you should have any questions about the payment of the permit renewal fees, please contact Melanie Lewis at (512) 389-8083.

Sincerely,

Remington Burklund
TCEQ Coordinator

RB

Attachments

cc: TCEQ Copy 1, Copy 2, and Copy 3
Melanie Lewis (no attachments)
State Park
TPWD State Parks Region 6
File Copy





Attachment A1

Core Data Form

Permit No. WQ0013613001



TCEQ Use Only

TCEQ Core Data Form

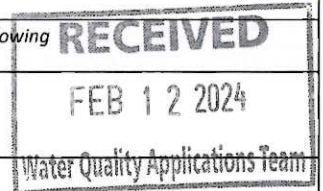
For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 600134852		RN 102916111

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input type="checkbox"/> New Customer		<input checked="" type="checkbox"/> Update to Customer Information	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		<input type="checkbox"/> Change in Regulated Entity Ownership	
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		<i>If new Customer, enter previous Customer below:</i>	
Texas Parks and Wildlife Department			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits) 741680372	10. DUNS Number (if applicable)
11. Type of Customer:		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input checked="" type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship <input type="checkbox"/> Other:	
12. Number of Employees		13. Independently Owned and Operated?	
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input checked="" type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:			
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant			
15. Mailing Address:		17. E-Mail Address (if applicable)	
c/o TCEQ Coordinator		sp.tceq@tpwd.texas.gov	
4200 Smith School Road			
City	Austin	State	TX
ZIP	78744	ZIP + 4	
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
		sp.tceq@tpwd.texas.gov	
18. Telephone Number		19. Extension or Code	
20. Fax Number (if applicable)			



SECTION III: Regulated Entity Information**21. General Regulated Entity Information** (If 'New Regulated Entity' is selected, a new permit application is also required.)☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

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

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

TPWD Cooper Lake State Park

23. Street Address of the Regulated Entity:*(No PO Boxes)*

1690 FM 3505

City

Sulphur Springs

State

TX

ZIP

75482

ZIP + 4

24. County

Hopkins

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

25. Description to**Physical Location:**

Approximately 500 feet east of Buggy Whip Creek and approximately 7,800 feet north of Posey on State Highway 71 in Hopkins County, Texas 75482.

26. Nearest City**State****Nearest ZIP Code**

Sulphur Springs

TX

75482

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:

33.286883

28. Longitude (W) In Decimal:

-95.666528

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

33

17

12.78

-95

39

59.50

29. Primary SIC Code**30. Secondary SIC Code****31. Primary NAICS Code****32. Secondary NAICS Code**

(4 digits)

(4 digits)

(5 or 6 digits)

(5 or 6 digits)

7032

7033

721211

721214

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

State Park

34. Mailing**Address:**

1690 FM 3505

City

Sulphur Springs

State

TX

ZIP

75482

ZIP + 4

35. E-Mail Address:

sptceq@tpwd.texas.gov

36. Telephone Number**37. Extension or Code****38. Fax Number** (if applicable)

(903) 395-3100

() -



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

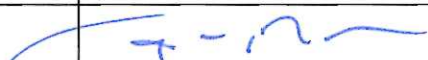
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:
	WQ0013613001			

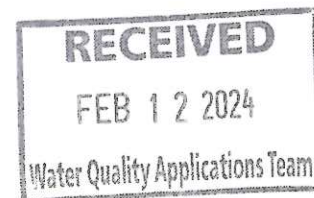
SECTION IV: Preparer Information

40. Name:	Remington Burklund		41. Title:	TCEQ Coordinator
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(512) 389-4665		(512) 389-4895	remington.burklund@tpwd.texas.gov	

SECTION V: Authorized Signature

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

Company:	Texas Parks and Wildlife Department		Job Title:	Deputy Director, State Parks Division	
Name (In Print):	Justin Rhodes			Phone:	(512) 389- 8440
Signature:				Date:	1-18-24





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
DOMESTIC WASTEWATER PERMIT APPLICATION
CHECKLIST

TCEQ

Complete and submit this checklist with the application.

APPLICANT: TPWD Cooper Lake South State Park South Sulphur Unit WWTF

PERMIT NUMBER: WQ0013613001

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

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



For TCEQ Use Only

Segment Number 0307 County Hopkins
Expiration Date 7/16/2024 Region 05-Tyler
Permit Number 0013613001



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

APPLICATION FOR A DOMESTIC WASTEWATER PERMIT

ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 29)

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

Flow	New/Major Amendment	Renewal
<0.05 MGD	\$350.00 <input type="checkbox"/>	\$315.00 <input checked="" type="checkbox"/>
≥0.05 but <0.10 MGD	\$550.00 <input type="checkbox"/>	\$515.00 <input type="checkbox"/>
≥0.10 but <0.25 MGD	\$850.00 <input type="checkbox"/>	\$815.00 <input type="checkbox"/>
≥0.25 but <0.50 MGD	\$1,250.00 <input type="checkbox"/>	\$1,215.00 <input type="checkbox"/>
≥0.50 but <1.0 MGD	\$1,650.00 <input type="checkbox"/>	\$1,615.00 <input type="checkbox"/>
≥1.0 MGD	\$2,050.00 <input type="checkbox"/>	\$2,015.00 <input type="checkbox"/>

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: See Cover Letter
Check/Money Order Amount: See Cover Letter
Name Printed on Check: See Cover Letter

EPAY Voucher Number: See Cover Letter

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 29)

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

For amendments or modifications, describe the proposed changes: n/a

For existing permits:

Permit Number: WQ0013613001

EPA I.D. (TPDES only): TX0108499

Expiration Date: July 16, 2024

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

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

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

Texas Parks and Wildlife Department

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

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

CN: 600134852

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

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

First and Last Name: Justin Rhodes

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

Title: Deputy Director, State Parks Division

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

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

n/a

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

If the co-applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at:

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

CN: n/a

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

Prefix (Mr., Ms., Miss): n/a

First and Last Name: n/a

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

Title: n/a

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

C. Core Data Form

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

Attachment: A1

Section 4. Application Contact Information (Instructions Page 30)

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

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

First and Last Name: Remington Burklund

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

Title: TCEQ Coordinator

Organization Name: TPWD State Parks Division

Mailing Address: 4200 Smith School Road

City, State, Zip Code: Austin, Texas 78744

Phone No.: 512-389-4665 Ext.: n/a Fax No.: 512-389-4895

E-mail Address: Remington.burklund@tpwd.texas.gov

Check one or both: ☒ Administrative Contact ☐ Technical Contact

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

First and Last Name: John Campbell

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

Title: Utility Plant Operator

Organization Name: TPWD

Mailing Address: 1690 Farm-to-Market Road 3505

City, State, Zip Code: Sulphur Springs, Texas 75482

Phone No.: 903-945-5256 Ext.: n/a Fax No.: n/a

E-mail Address: john.campbell@tpwd.texas.gov

Check one or both: ☐ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 30)

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

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

First and Last Name: Remington Burklund

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

Title: TCEQ Coordinator

Organization Name: TPWD

Mailing Address: 4200 Smith School Road

City, State, Zip Code: Austin, Texas 78744

Phone No.: 512-389-4665 Ext.: n/a Fax No.: 512-389-4895

E-mail Address: Remington.burklund@tpwd.texas.gov

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

First and Last Name: Steve Killian

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

Title: Park Superintendent

Organization Name: TPWD Cooper Lake State Park

Mailing Address: 1690 Farm-to-Market 3505

City, State, Zip Code: Sulphur Springs, Texas 75482

Phone No.: 903-945-5256 Ext.: n/a Fax No.: n/a

E-mail Address: steve.killian@tpwd.texas.gov

Section 6. Billing Information (Instructions Page 30)

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

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

First and Last Name: Melanie Lewis

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

Title: Administrative Assistant

Organization Name: TPWD

Mailing Address: 4200 Smith School Road

City, State, Zip Code: Austin, Texas 78744

Phone No.: 512-389-8083 Ext.: n/a Fax No.: 512-389-4895

E-mail Address: melanie.lewis@tpwd.texas.gov

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

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

Prefix (Mr., Ms., Miss): Mr.
First and Last Name: John Campbell
Credential (P.E, P.G., Ph.D., etc.): n/a
Title: Utility Plant Operator
Organization Name: TPWD
Mailing Address: 1690 Farm-to-Market Road 3505
City, State, Zip Code: Sulphur Springs, Texas 75482
Phone No.: 903-945-5256 Ext.: n/a Fax No.: n/a
E-mail Address: john.campbell@tpwd.texas.gov

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

Section 8. Public Notice Information (Instructions Page 31)

A. Individual Publishing the Notices

Prefix (Mr., Ms., Miss): Mr.
First and Last Name: Steve Killian
Credential (P.E, P.G., Ph.D., etc.): n/a
Title: Park Superintendent
Organization Name: TPWD Cooper Lake State Park
Mailing Address: 1690 Farm-to-Market Road 3505
City, State, Zip Code: Sulphur Springs, Texas 75482
Phone No.: 903-945-5256 Ext.: n/a Fax No.: n/a
E-mail Address: steve.killian@tpwd.texas.gov; john.cambell@tpwd.texas.gov;
remington.burklund@tpwd.texas.gov; kevin.roed@tpwd.texas.gov

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

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

- ☒ E-mail Address
- ☐ Fax
- ☐ Regular Mail

C. Contact person to be listed in the Notices

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

First and Last Name: Steve Killian

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

Title: Park Superintendent

Organization Name: TPWD Cooper Lake State Park

Phone No.: 903-945-5256 Ext.: n/a

E-mail: steve.killian@tpwd.texas.gov

D. Public Viewing Information

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

Public building name: Hopkins: TPWD Cooper Lake State Park South Sulphur Unit Park Headquarters; Delta: TPWD Cooper Lake State Park Doctors Creek Unit Park Headquarters

Location within the building: Front Desk at Both Headquarters

Physical Address of Building: Hopkins: 1690 Farm-to-Market Road 3505; Delta: 95 Park Road 8154

City: Hopkins: Sulphur Springs; Delta: Cooper County: Hopkins; Delta

Contact Name: Steve Killian

Phone No.: 903-945-5256 Ext.: n/a

E. Bilingual Notice Requirements:

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

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

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

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

☐ Yes ☒ No

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

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

☐ Yes ☐ No

3. Do the students at these schools attend a bilingual education program at another location?
- ☐ Yes ☐ No
4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?
- ☐ Yes ☐ No
5. If the answer is yes to question 1, 2, 3, or 4, public notices in an alternative language are required. Which language is required by the bilingual program?

F. Public Involvement Plan Form

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

Attachment: n/a

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

- A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN102916111

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

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

TPWD Cooper Lake State Park South Sulphur Unit

- C. Owner of treatment facility: Texas Parks and Wildlife Department (TPWD) c/o TCEQ Coordinator

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

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

Prefix (Mr., Ms., Miss): n/a

First and Last Name: Department of the Army c/o Real Estate Contracting Officer, Chief, Real Estate Division Attention: CESWF-RE-M Matthew Seavey

Mailing Address: PO Box 17300

City, State, Zip Code: Fort Worth, Texas 76102-0300

Phone No.: 903-278-4454

E-mail Address: matthew.l.seavey@usaec.army.mil

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

Attachment: A2

- E. Owner of effluent disposal site:

Prefix (Mr., Ms., Miss): n/a

First and Last Name: n/a

Mailing Address: n/a

City, State, Zip Code: n/a

Phone No.: n/a

E-mail Address: n/a

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

Attachment: n/a

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

Prefix (Mr., Ms., Miss): n/a

First and Last Name: n/a

Mailing Address: n/a

City, State, Zip Code: n/a

Phone No.: n/a

E-mail Address: n/a

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

Attachment: n/a

Section 10. TPDES Discharge Information (Instructions Page 34)

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

☒ Yes ☐ No

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

n/a

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

☒ Yes ☐ No

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

n/a

City nearest the outfall(s): Sulphur Springs

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

Outfall Latitude: 33.289444

Longitude: -95.6675

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

☐ Yes ☒ No

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

☐ Authorization granted ☐ Authorization pending

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

Attachment: n/a

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

n/a

Section 11. TLAP Disposal Information (Instructions Page 36)

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

☐ Yes ☐ No

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

n/a

- B. City nearest the disposal site: n/a

- C. County in which the disposal site is located: n/a

- D. Disposal Site Latitude: n/a Longitude: n/a

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

n/a

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

n/a

Section 12. Miscellaneous Information (Instructions Page 37)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

n/a

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

☒ Yes ☐ No

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

Remington Burklund

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account number: n/a

Amount past due: n/a

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

Enforcement order number: n/a

Amount past due: n/a

Section 13. Attachments (Instructions Page 38)

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

- ☒ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
- ☒ Original full-size USGS Topographic Map with the following information:
 - Applicant's property boundary
 - Treatment facility boundary
 - Labeled point of discharge for each discharge point (TPDES only)
 - Highlighted discharge route for each discharge point (TPDES only)
 - Onsite sewage sludge disposal site (if applicable)
 - Effluent disposal site boundaries (TLAP only)
 - New and future construction (if applicable)
 - 1 mile radius information
 - 3 miles downstream information (TPDES only)
 - All ponds.
- ☐ Attachment 1 for Individuals as co-applicants
- ☒ Other Attachments. Please specify: A1 - Core Data Form; A4 - Plain Language Summary

Section 14. Signature Page (Instructions Page 39)

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

Permit Number: WQ0013613001

Applicant: TPWD Cooper Lake State Park South Sulphur Unit

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Signatory name (typed or printed): Justin Rhodes

Signatory title: Deputy Director, State Parks Division

Signature:  Date: 1-19-24
(Use blue ink)

Subscribed and Sworn to before me by the said Justin Rhodes
on this 19th day of January, 2024.
My commission expires on the 9th day of February, 2024.


Notary Public

Travis
County, Texas



[SEAL]

Section 15. Plain Language Summary (Instructions Page 40)

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

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

DOMESTIC WASTEWATER

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

1. Enter applicant's name here. (2. Enter Customer Number here (i.e., CN6#####).) 3. Choose from the drop-down menu. 4. Enter name of facility here. 5. Enter Regulated Entity Number here (i.e., RN1#####). 6. Choose from the drop-down menu. 7. Enter facility description here.. The facility 8. Choose from the drop-down menu. located 9. Enter location here. , in 10. Enter city name here., 11. Enter county name here. County, Texas 12. Enter zip code here..

13. Enter summary of application request here. <<For TLAP applications include the following sentence, otherwise delete:>> This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain 14. List all expected pollutants here.. 15. Enter types of wastewater discharged here. 16. Choose from the drop-down menu. treated by 17. Enter a description of wastewater treatment used at the facility here..

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

AGUAS RESIDUALES DOMÉSTICAS

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

1. Introduzca el nombre del solicitante aquí. (2. Introduzca el número de cliente aquí (es decir, CN6 #####).) 3. Elija del menú desplegable. 4. Introduzca el nombre de la instalación aquí. 5. Introduzca el número de entidad regulada aquí (es decir, RN1 #####). 6. Elija del menú desplegable. 7. Introduzca la descripción de la instalación aquí. . La instalación 8. Elija del menú desplegable. ubicado 9. Introduzca la ubicación aquí. , en 10. Introduzca el nombre de la ciudad aquí. , Condado de 11. Introduzca el nombre del condado aquí. , Texas 12. Introduzca el código postal aquí. . 13. Introduzca el resumen de la solicitud de solicitud aquí. <<Para las aplicaciones de TLAP incluya la siguiente oración, de lo contrario, elimine:>> Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan 14. Liste todos los contaminantes esperados aquí. . 15. Introduzca los tipos de aguas residuales descargadas aquí. 16. Elija del menú desplegable. tratado por 17. Introduzca una descripción del tratamiento de aguas residuales utilizado en la instalación aquí.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: TPWD Cooper Lake State Park South Sulphur Unit

Permit No. WQ00 13613001EPA ID No. TX 0108499

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

Located at Farm-to-Market Road 3505, approximately 500 feet east of Buggy Whip Creek and approximately 7,800 feet north of Posey on State Highway 71 in Hopkins County, Texas 75482.

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: Steve Killian

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

Title: Park Superintendent

Mailing Address: 1690 Farm-to-Market Road 3505

City, State, Zip Code: Sulphur Springs, Texas 75482

Phone No.: 903-945-5256 Ext.: n/a Fax No.: n/a

E-mail Address: steve.killian@tpwd.texas.gov

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

United States Department of the Army - Army Corps of Engineers

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.

From the wastewater treatment facility to Cooper Lake in Segment No. 0307 of the Sulphur Springs River Basin

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

n/a

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

Public State Park with native vegetation and used for recreation.

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

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

n/a

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

n/a

CHECKLIST OF COMMON DEFICIENCIES

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

Core Data Form (TCEQ Form No. 10400) ☒ Yes
(Required for all applications types. Must be completed in its entirety and signed.
Note: Form may be signed by applicant representative.)

Correct and Current Industrial Wastewater Permit Application Forms ☐ Yes
(TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or later.)

Water Quality Permit Payment Submittal Form (Page 19) ☐ Yes
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)

7.5 Minute USGS Quadrangle Topographic Map Attached ☒ Yes
(Full-size map if seeking "New" permit.
8 ½ x 11 acceptable for Renewals and Amendments)

Current/Non-Expired, Executed Lease Agreement or Easement Attached ☐ N/A ☒ Yes

Landowners Map ☒ N/A ☐ Yes
(See instructions for landowner requirements)

Things to Know:

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

Landowners Cross Reference List ☒ N/A ☐ Yes
(See instructions for landowner requirements)

Landowners Labels or USB Drive attached ☒ N/A ☐ Yes
(See instructions for landowner requirements)

Original signature per 30 TAC § 305.44 - Blue Ink Preferred ☒ Yes
(If signature page is not signed by an elected official or principle executive officer,
a copy of signature authority/delegation letter must be attached)



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
DOMESTIC WASTEWATER PERMIT APPLICATION

DOMESTIC TECHNICAL REPORT 1.0

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

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

A. Existing/Interim I Phase

Design Flow (MGD): n/a

2-Hr Peak Flow (MGD): n/a

Estimated construction start date: n/a

Estimated waste disposal start date: n/a

B. Interim II Phase

Design Flow (MGD): n/a

2-Hr Peak Flow (MGD): n/a

Estimated construction start date: n/a

Estimated waste disposal start date: n/a

C. Final Phase

Design Flow (MGD): 0.040

2-Hr Peak Flow (MGD): 0.160

Estimated construction start date: n/a

Estimated waste disposal start date: n/a

D. Current operating phase: Final

Provide the startup date of the facility: 04/26/1996



Section 2. Treatment Process (Instructions Page 51)

A. Treatment process description

Provide a detailed description of the treatment process. **Include the type of**

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

Extended aeration plant with bar screens, aeration lagoons, flocculating clarifier, slow sand filters, and chlorine contact chamber.

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

B. Treatment Units

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

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Bar Screens	2	2'-6" X 4'-3"
Aeration Lagoons	3	0.24 million gallons each
Flocculating Clarifier	1	10' X 30'
Slow Sand Filters	2	4' sand X 577 sg. ft. (average)
Chlorine Contact Chamber	1	11'-4" X 12'-0" X 2'-8"

C. Process flow diagrams

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

Attachment: Attachment T1

Section 3. Site Drawing (Instructions Page 52)

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

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

Attachment: Attachment T2

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

TPWD Cooper Lake State Park South Sulphur Unit

Section 4. Unbuilt Phases (Instructions Page 52)

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

Yes ☐

No ☒

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

Yes ☐

No ☐

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

n/a

Section 5. Closure Plans (Instructions Page 53)

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

Yes ☐ No ☒

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

Yes ☐ No ☐

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

n/a

Section 6. Permit Specific Requirements (Instructions Page 53)

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

A. Summary transmittal

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: 11/20/1992

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 512-239-0000. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.

Describe the method of grit disposal.

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 512-239-0000.

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

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

1. Acceptance of sludge from other WWTPs

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

Yes ☐ No ☒

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

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

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

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

Yes ☐ No ☒

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

n/a

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

Is the facility in operation?

Yes ☒ No ☐

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	n/a	2.09	1	Grab	01/02/2024 @1300 hours
Total Suspended Solids, mg/l	n/a	<2.00	1	Grab	01/02/2024 @1300 hours
Ammonia Nitrogen, mg/l	n/a	0.044	1	Grab	01/02/2024 @1300 hours
Nitrate Nitrogen, mg/l	n/a	19.5	1	Grab	01/02/2024 @1300 hours
Total Kjeldahl Nitrogen, mg/l	n/a	<0.050	1	Grab	01/02/2024 @1300 hours
Sulfate, mg/l	n/a	62.8	1	Grab	01/02/2024 @1300 hours
Chloride, mg/l	n/a	51.4	1	Grab	01/02/2024 @1300 hours
Total Phosphorus, mg/l	n/a	7.41	1	Grab	01/02/2024 @1300 hours
pH, standard units	n/a	6.81	1	Grab	01/02/2024 @1306 hours
Dissolved Oxygen*, mg/l	n/a	9.79	1	Grab	01/02/2024 @1307 hours
Chlorine Residual, mg/l	n/a	2.76	1	Grab	01/02/2024 @1306 hours
<i>E.coli</i> (CFU/100ml) freshwater	n/a	<1.0	1	Grab	01/02/2024 @0930 hours
Enterococci (CFU/100ml)	n/a	n/a	n/a	n/a	n/a

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
saltwater					
Total Dissolved Solids, mg/l	n/a	336	1	Grab	01/02/2024 @1300 hours
Electrical Conductivity, μ mohs/cm, †	n/a	565	1	Grab	01/02/2024 @1300 hours
Oil & Grease, mg/l	n/a	<4.49	1	Grab	01/02/2024 @1300 hours
Alkalinity (CaCO ₃)*, mg/l	n/a	57.1			01/02/2024 @1300 hours

*TPDES permits only

†TLAP permits only

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l	n/a	n/a	n/a	n/a	n/a
Total Dissolved Solids, mg/l	n/a	n/a	n/a	n/a	n/a
pH, standard units	n/a	n/a	n/a	n/a	n/a
Fluoride, mg/l	n/a	n/a	n/a	n/a	n/a
Aluminum, mg/l	n/a	n/a	n/a	n/a	n/a
Alkalinity (CaCO ₃), mg/l	n/a	n/a	n/a	n/a	n/a

Section 8. Facility Operator (Instructions Page 60)

Facility Operator Name: John Campbell

Facility Operator's License Classification and Level: Wastewater Treatment C

Facility Operator's License Number: WW0066565

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

A. Sludge disposal method

Identify the current or anticipated sludge disposal method or methods from the

following list. Check all that apply.

- ☒ Permitted landfill
- ☐ Permitted or Registered land application site for beneficial use
- ☐ Land application for beneficial use authorized in the wastewater permit
- ☐ Permitted sludge processing facility
- ☐ Marketing and distribution as authorized in the wastewater permit
- ☐ Composting as authorized in the wastewater permit
- ☐ Permitted surface disposal site (sludge monofill)
- ☐ Surface disposal site (sludge monofill) authorized in the wastewater permit
- ☐ Transported to another permitted wastewater treatment plant or permitted sludge processing facility. If you selected this method, a written statement or contractual agreement from the wastewater treatment plant or permitted sludge processing facility accepting the sludge must be included with this application.
- ☒ Other: Expect no sludge removal will be necessary during the life of this permit. Sludge is naturally decomposed in the facultative and subsequent lagoons. We ask for a waiver for the life of this permit for sludge disposal and annual sludge disposal reporting.

B. Sludge disposal site

Disposal site name: n/a

TCEQ permit or registration number: n/a

County where disposal site is located: n/a

C. Sludge transportation method

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

Name of the hauler: Northeast Texas Disposal

Hauler registration number: 23977

Sludge is transported as a:

Liquid ☒

semi-liquid ☒

semi-solid ☐

solid ☐

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

A. Beneficial use authorization

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

Yes ☐ No ☒

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

Yes ☐ No ☐

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

Yes ☐ No ☐

B. Sludge processing authorization

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

Sludge Composting Yes ☐ No ☒

Marketing and Distribution of sludge Yes ☐ No ☒

Sludge Surface Disposal or Sludge Monofill Yes ☐ No ☒

Temporary storage in sludge lagoons Yes ☐ No ☒

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

Yes ☐ No ☐

Section 11. Sewage Sludge Lagoons (Instructions Page 61)

Does this facility include sewage sludge lagoons?

Yes ☐ No ☒

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

A. Location information

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

- Original General Highway (County) Map:

Attachment: 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 1×10^{-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 63)

A. Additional authorizations

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

Yes ☐ No ☒

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

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 63)

A. RCRA hazardous wastes

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

Yes ☐ No ☒

B. Remediation activity wastewater

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

Yes ☐ No ☒

C. Details about wastes received

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

Attachment: n/a

Section 14. Laboratory Accreditation (Instructions Page 64)

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

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

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

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

CERTIFICATION:

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

Printed Name: Justin Rhodes

Title: Deputy Director, State Parks Division

Signature: _____

Date: _____

DOMESTIC TECHNICAL REPORT WORKSHEET 2.0

RECEIVING WATERS

The following is required for all TPDES permit applications

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

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

Yes ☒ No ☐

If yes, provide the following:

Owner of the drinking water supply: City of Sulphur Springs and Upper Trinity Water

Distance and direction to the intake: 1.38 miles west

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

Attachment: Attachment A3

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

Does the facility discharge into tidally affected waters?

Yes ☐ No ☒

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: 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).

<u>n/a</u>

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 73)

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

Yes ☒ No ☐

If yes, this Worksheet is complete.

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

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

Name of the immediate receiving waters:

A. Receiving water type

Identify the appropriate description of the receiving waters.

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

Surface area, in acres:

Average depth of the entire water body, in feet:

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

- ☐ Man-made Channel or Ditch

- ☐ Open Bay
- ☐ Tidal Stream, Bayou, or Marsh
- ☐ Other, specify:

B. Flow characteristics

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

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

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

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

C. Downstream perennial confluences

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

D. Downstream characteristics

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

Yes ☐ No ☐

If yes, discuss how.

E. Normal dry weather characteristics

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

Date and time of observation:

Was the water body influenced by stormwater runoff during observations?

Yes ☐ No ☐

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

A. Upstream influences

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

- | | |
|-----------------------------------------------|--------------------------------------------------------|
| <input type="checkbox"/> Oil field activities | <input type="checkbox"/> Urban runoff |
| <input type="checkbox"/> Upstream discharges | <input type="checkbox"/> Agricultural runoff |
| <input type="checkbox"/> Septic tanks | <input type="checkbox"/> Other(s), specify <div></div> |

B. Waterbody uses

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

- | | |
|------------------------------------------------|-------------------------------------------------|
| <input type="checkbox"/> Livestock watering | <input type="checkbox"/> Contact recreation |
| <input type="checkbox"/> Irrigation withdrawal | <input type="checkbox"/> Non-contact recreation |
| <input type="checkbox"/> Fishing | <input type="checkbox"/> Navigation |

☐ Domestic water supply ☐ Industrial water supply

☐ Park activities

☐ Other(s), specify

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 WORKSHEET 6.0

INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works (POTWs)

Section 1. All POTWs (Instructions Page 99)

A. Industrial users

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: 0

Significant IUs - non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

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 100)

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 100)

A. General information

Company Name: n/a

SIC Code: n/a

Telephone number: n/a Fax number: n/a

Contact name: n/a

Address: n/a

City, State, and Zip Code: 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: n/a

Subcategories: 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



Attachment A2

Lease Agreement

Permit No. WQ0013613001

LEASE NO. DACW63-1-16-0661
Replaces No. DACW63-1-91-0558

DEPARTMENT OF THE ARMY
LEASE TO STATES
FOR PUBLIC PARK AND RECREATIONAL PURPOSES
COOPER LAKE STATE PARK
COOPER LAKE
DELTA AND HOPKINS COUNTIES, TEXAS

THIS LEASE, made on behalf of the United States, between the **SECRETARY OF THE ARMY**, hereinafter referred to as the Secretary, and Texas Parks and Wildlife Department, hereinafter referred to as the Lessee.

WITNESSETH:

That the Secretary, by authority of Title 16, United States Code, Section 460d, and for the consideration hereinafter set forth, hereby leases to the Lessee, the property identified in **EXHIBITS A and A1**, attached hereto and made a part hereof, hereinafter referred to as the Premises, for public park and recreational purposes.

THIS LEASE is granted subject to the following conditions:

1. TERM

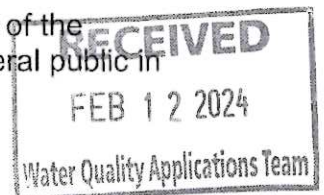
Said Premises are hereby leased for a term of twenty-five (25) years, beginning December 1, 2016 and ending November 30, 2041.

2. CONSIDERATION

The consideration for this lease is the operation and maintenance of the Premises by the Lessee for the benefit of the United States and the general public in accordance with the conditions herein set forth.

3. NOTICES

All correspondence and notices to be given pursuant to this lease shall be addressed, if to the Lessee, Texas Parks and Wildlife Department, 4200 Smith School Road, Austin, Texas 78744-3291; and, if to the United States, to the Real Estate Contracting Officer, Chief, Real Estate Division, Attention: CESWF-RE-M, Post Office Box 17300, Fort Worth, Texas 76102-0300, or as may from time to time otherwise be



LEASE NO. DACW63-1-16-0661

directed by the parties. Notice shall be deemed to have been duly given if and when enclosed in a properly sealed envelope, or wrapper, addressed as aforesaid, and deposited, postage prepaid, in a post office regularly maintained by the United States Postal Service.

4. AUTHORIZED REPRESENTATIVES

Except as otherwise specifically provided, any reference herein to "Secretary of the Army," "Real Estate Contracting Officer," "said officer" or "Lessor" shall include their duly authorized representatives. Any reference to "Lessee" shall include sub-lessees, assignees, transferees, concessionaires, and its duly authorized representatives.

5. DEVELOPMENT PLANS

a. The Lessee shall be guided by an implementing Plan of Recreation Development and Management (Development Plan) attached as **EXHIBIT B** which shows the facilities and services necessary to meet the current and potential public demand and the management and development activities to be undertaken by the Lessee and any sublessees. The Lessee shall provide a copy of any amendment to the Development Plan before proceeding to implement any changes in the development or management of the leased Premises. The use and occupation of the Premises shall be subject to the general supervision and approval of the Real Estate Contracting Officer.

b. During the term of the lease, the Real Estate Contracting Officer will notify the Lessee of any updates to the existing project Master Plan affecting the Premises and the Lessee may provide comments.

6. STRUCTURE AND EQUIPMENT

The Lessee shall have the right, during the term of the lease, to erect such structures and to provide such equipment upon the Premises as may be necessary to furnish the facilities and services authorized. Those structures and equipment shall be and remain the property of the Lessee, except as otherwise provided in the Condition on **RESTORATION**.

7. APPLICABLE LAWS AND REGULATIONS

a. The Lessee shall comply with all applicable Federal laws and regulations and with all applicable laws, ordinances, and regulations of the state, county, and municipality wherein the Premises are located, including, but not limited to, those regarding construction, health, safety, food service, water supply, sanitation, use of pesticides, and licenses or permits to do business. The Lessee shall make and enforce such regulations as are necessary and within its legal authority in exercising the privileges granted in this lease, provided that such regulations are not inconsistent with those issued by the Secretary of the Army or with the provisions of 16 U.S.C. §460d.

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b. The Lessee will provide an annual certification that all water and sanitary systems on the Premises have been inspected and comply with Federal, state and local standards. The Lessee will also provide a statement of compliance with the Rehabilitations Act and the Americans with Disability Act, as required in the condition on **NON-DISCRIMINATION**, noting any deficiencies and providing a schedule for correction.

8. CONDITION OF PREMISES

a. The Lessee acknowledges that it has inspected the Premises, knows its condition, and understands that the same is leased without any representations or warranties whatsoever and without obligation on the part of the United States to make any alterations, repairs, or additions thereto.

b. As of the date of this lease, an inventory and condition report of all personal property and improvements of the United States included in this lease shall be made by the Real Estate Contracting Officer and the Lessee to reflect the condition of said property and improvements. A copy of said report is attached hereto as **EXHIBIT C** and made a part hereof. Upon the expiration, revocation or termination of this lease, another inventory and condition report shall be similarly prepared. This report shall constitute the basis for settlement for property damaged or destroyed. Any such property must be either replaced or restored to the condition required by the condition on **PROTECTION OF PROPERTY**.

9. FACILITIES AND SERVICES

The Lessee shall provide the facilities and services as agreed upon in the Development Plan referred to in the Condition on **DEVELOPMENT PLANS** either directly or through subleases or concession agreements that have been reviewed and accepted by the Real Estate Contracting Officer. These subleases or agreements shall state: (1) that they are granted subject to the provisions of this lease; and (2) that the agreement will not be effective until the third party activities have been approved by the Real Estate Contracting Officer. The Lessee will not allow any third party activities with a rental to the Lessee or prices to the public which would give the third party an undue economic advantage or circumvent the intent of the Development Plan. The rates and prices charged by the Lessee or its sub-lessees or concessionaires shall be reasonable and comparable to rates charged for similar goods and services by others in the area. The use of sublessees and concessionaires will not relieve the Lessee from the primary responsibility for ensuring compliance with all of the terms and conditions of this lease.

LEASE NO. DACW63-1-16-0661**10. TRANSFERS, ASSIGNMENTS, SUBLEASES**

a. Without prior written approval of the Real Estate Contracting Officer, the Lessee shall neither transfer nor assign this lease nor sublet the Premises or any part thereof, nor grant any interest, privilege, or license whatsoever in connection with this lease.

b. The Lessee will not sponsor or participate in timeshare ownership of any structures, facilities, accommodations, or personal property on the Premises. The Lessee will not subdivide nor develop the Premises into private residential development.

11. FEES

Fees may be charged by the Lessee for the entrance to or use of the Premises or any facilities, however, no user fees may be charged by the Lessee or its sub-lessees for use of facilities developed in whole or part with federal funds if a user charge by the Corps of Engineers for the facility would be prohibited under law.

12. ACCOUNTS, RECORDS AND RECEIPTS

All monies received by the Lessee from operations conducted on the Premises, including, but not limited to, entrance, admission and user fees and rental or other consideration received from its concessionaires, may be utilized by the Lessee for the administration, maintenance, operation and development of the Premises. Beginning 5 years from the date of this lease and continuing at 5-year intervals, any such monies not so utilized or programmed for utilization within a reasonable time shall be paid to the Real Estate Contracting Officer. The Lessee shall establish and maintain accurate records and accounts and provide an annual statement of receipts and expenditures to the Real Estate Contracting Officer. Annual or weekly entrance fees not collected on the Project, which also are honored at other recreational areas operated by the Lessee, are excluded from this requirement. The Real Estate Contracting Officer shall have the right to perform audits or to require the Lessee to audit the records and accounts of the Lessee, third party concessionaires and sub-lessees, in accordance with auditing standards and procedures promulgated by the American Institute of Certified Public Accountants or by the state, and furnish the Real Estate Contracting Officer with the results of such an audit.

13. PROTECTION OF PROPERTY

The Lessee shall be responsible for any damage that may be caused to property of the United States by the activities of the Lessee under this lease and shall exercise due diligence in the protection of all property located on the Premises against fire or damage from any and all other causes. Any property of the United States damaged or destroyed by the Lessee incident to the exercise of the privileges herein granted shall be promptly repaired or replaced by the Lessee to the satisfaction of the Real Estate

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Contracting Officer, or at the election of the Real Estate Contracting Officer, reimbursement may be made therefore by the Lessee in an amount necessary to restore or replace the property to a condition satisfactory to the Real Estate Contracting Officer.

14. RIGHT TO ENTER AND FLOOD

The right is reserved to the United States, its officers, agents, and employees to enter upon the Premises at any time and for any purpose necessary or convenient in connection with Government purposes; to make inspections; to remove timber or other material, except property of the Lessee; to flood the Premises; to manipulate the level of the lake or pool in any manner whatsoever; and/or to make any other use of the land as may be necessary in connection with project purposes, and the Lessee shall have no claim for damages on account thereof against the United States or any officer, agent, or employee thereof.

15. LIGHTS, SIGNALS AND NAVIGATION

There shall be no unreasonable interference with navigation by the exercise of the privileges granted by this lease. If the display of lights and signals on any work hereby authorized is not otherwise provided for by law, such lights and signals as may be prescribed by the Coast Guard or by the Real Estate Contracting Officer shall be installed and maintained by and at the expense of the Lessee.

16. INSURANCE

a. At the commencement of this lease, the Lessee, unless self-insured, and its sub-lessees and concessionaires at the commencement of operating under the terms of this lease as third parties, shall obtain from a reputable insurance company or companies contracts of liability insurance. The insurance shall provide an amount not less than that which is prudent, reasonable and consistent with sound business practices or a minimum Combined Single Limit of \$250,000, whichever is greater, for any number of persons or claims arising from any one incident with respect to bodily injuries or death resulting therefrom, property damage, or both, suffered or alleged to have been suffered by any person or persons, resulting from the operations of the Lessee, sub-lessees and concessionaires under the terms of this lease. The Lessee shall require its insurance company to furnish to the Real Estate Contracting Officer a copy of the policy or policies, or, if acceptable to the Real Estate Contracting Officer, certificates of insurance evidencing the purchase of such insurance. The Real Estate Contracting Officer shall have the right to review and revise the amount of minimum liability insurance required.

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The insurance policy or policies shall specifically provide protection appropriate for the types of facilities, services and products involved; and shall provide that the Real Estate Contracting Officer be given thirty (30) days notice of any cancellation or change in such insurance.

b. The Real Estate Contracting Officer may require closure of any or all of the Premises during any period for which the Lessee and/or its sub-lessees and concessionaires do not have the required insurance coverage.

17. RESTORATION

On or before the expiration of this lease or its termination by the Lessee, the Lessee shall vacate the Premises, remove the property of the Lessee, and restore the Premises to a condition satisfactory to the Real Estate Contracting Officer. If, however, this lease is revoked, the Lessee shall vacate the Premises, remove said property therefrom, and restore the Premises to the aforesaid condition within such time as the Real Estate Contracting Officer may designate. In either event, if the Lessee shall fail or neglect to remove said property and restore the Premises, then, at the option of the Real Estate Contracting Officer, said property shall either become the property of the United States without compensation therefor, or the Real Estate Contracting Officer may cause the property to be removed and no claim for damages against the United States or its officers or agents shall be created by or made on account of such removal and restoration work. The Lessee shall also pay the United States on demand any sum which may be expended by the United States after the expiration, revocation, or termination of this lease in restoring the Premises.

18. NON-DISCRIMINATION

a. The Lessee shall not discriminate against any person or persons or exclude them from participation in the Lessee's operations, programs or activities conducted on the leased Premises, because of race, color, religion, sex, age, handicap, or national origin. The Lessee will comply with the Americans with Disabilities Act and attendant Americans with Disabilities Act Accessibility Guidelines (ADAAG) published by the Architectural And Transportation Barriers Compliance Board.

b. The Lessee, by acceptance of this lease, is receiving a type of Federal assistance and, therefore, hereby gives assurance that it will comply with the provisions of Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. § 2000d); the Age Discrimination Act of 1975 (42 U.S.C. § 6102); the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794); and all requirements imposed by or pursuant to the Directive of the Department of Defense (32 CFR Part 300) issued as Department of Defense Directives 5500.11 and 1020.1, and Army Regulation 600-7. This assurance shall be binding on the Lessee, its agents, successors, transferees, sublessees and assignees.

LEASE NO. DACW63-1-16-0661**19. SUBJECT TO EASEMENTS**

This lease is subject to all existing easements, easements subsequently granted, and established access routes for roadways and utilities located, or to be located, on the Premises, provided that the proposed grant of any new easement or route will be coordinated with the Lessee, and easements will not be granted which will, in the opinion of the Real Estate Contracting Officer, interfere with developments, present or proposed, by the Lessee. The Lessee will not close any established access routes without written permission of the Real Estate Contracting Officer.

20. SUBJECT TO MINERAL INTERESTS

This lease is subject to all outstanding mineral interests. As to federally owned mineral interests, it is understood that they may be included in present or future mineral leases issued by the Bureau of Land Management (BLM) which has responsibility for mineral development on federal lands. The Secretary will provide lease stipulations to BLM for inclusion in said mineral leases that are designed to protect the Premises from activities that would interfere with the Lessee's operations or would be contrary to local laws.

21. COMPLIANCE, CLOSURE, REVOCATION AND RELINQUISHMENT

a. The Lessee and/or any sub-lessees or licensees are charged at all times with full knowledge of all the limitations and requirements of this lease, and the necessity for correction of deficiencies, and with compliance with reasonable requests by the Real Estate Contracting Officer. This lease may be revoked in the event that the Lessee violates any of the terms and conditions and continues and persists in such non-compliance, or fails to obtain correction of deficiencies by sub-lessees or licensees. The Lessee will be notified of any non-compliance, which notice shall be in writing or shall be confirmed in writing, giving a period of time in which to correct the non-compliance. Failure to satisfactorily correct any substantial or persistent non-compliance within the specified time is grounds for closure of all or part of the Premises, temporary suspension of operation, or revocation of the lease, after notice in writing of such intent. Future requests by the Lessee to extend the lease, expand the Premises, modify authorized activities, or assign the lease shall take into consideration the Lessee's past performance and compliance with the lease terms.

b. This lease may be relinquished by the Lessee by giving one (1) year prior written notice to the Real Estate Contracting Officer in the manner prescribed in the Condition on **NOTICES**.

LEASE NO. DACW63-1-16-0661**22. HEALTH AND SAFETY**

a. The Lessee shall keep the Premises in good order and in a clean, sanitary, and safe condition and shall have the primary responsibility for ensuring that any sub-lessees and concessionaires operate and maintain the Premises in such a manner.

b. In addition to the rights of revocation for non-compliance, the Real Estate Contracting Officer, upon discovery of any hazardous conditions on the Premises that presents an immediate threat to health and/or danger to life or property, will so notify the Lessee and will require that the affected part or all of the Premises be closed to the public until such condition is corrected and the danger to the public eliminated. If the condition is not corrected within the time specified, the Real Estate Contracting Officer will have the option to: (1) correct the hazardous conditions and collect the cost of repairs from the Lessee; or, (2) revoke the lease. The Lessee and its assignees or sub-lessees shall have no claim for damages against the United States, or any officer, agent, or employee thereof on account of action taken pursuant to this condition.

23. PUBLIC USE

No attempt shall be made by the Lessee, or any of its sub-lessees or concessionaires, to forbid the full use by the public of the Premises and of the water areas of the project, subject, however, to the authority and responsibility of the Lessee to manage the Premises and provide safety and security to the visiting public.

24. PROHIBITED USES

a. The Lessee shall not permit gambling on the Premises or install or operate, or permit to be installed or operated thereon, any device which is illegal, or use the Premises or permit them to be used for any illegal business or purpose. There shall not be conducted on or permitted upon the Premises any activity which would constitute a nuisance.

b. As an exception, some games of chance, such as raffles, games and sporting events, may be conducted by nonprofit organizations under special use permits issued in conjunction with special events, if permissible by state and local law. Any request to conduct such activities must be submitted in writing to the Real Estate Contracting Officer.

c. In accordance with state and local laws and regulations, the Lessee may sell, store, or dispense, or permit the sale, storage, or dispensing of beer, malt beverages, light wines or other intoxicating beverages on the Premises in those facilities where such service is customarily found. Bar facilities will only be permitted if offered in connection with other approved activities. Advertising of such beverages outside of buildings is not permitted. Carry out package sales of hard liquor is prohibited.

LEASE NO. DACW63-1-16-0661**25. NATURAL RESOURCES**

The Lessee shall cut no timber, conduct no mining operations, remove no sand, gravel, or kindred substances from the ground, commit no waste of any kind, nor in any manner substantially change the contour or condition of the Premises, except as may be authorized under and pursuant to the Development Plan described in the Condition on **DEVELOPMENT PLANS** herein. The Lessee may salvage fallen or dead timber; however, no commercial use shall be made of such timber. Except for timber salvaged by the Lessee when in the way of construction of improvements or other facilities, all sales of forest products will be conducted by the United States and the proceeds therefrom shall not be available to the Lessee under the provisions of this lease.

26. DISPUTES CLAUSE

a. Except as provided in the Contract Disputes Act of 1978 (41 U.S.C. 1701-1709) (the Act), all disputes arising under or relating to this lease shall be resolved under this clause and the provisions of the Act.

b. "Claim", as used in this clause, means a written demand or written assertion by the Lessee seeking, as a matter of right, the payment of money in a sum certain, the adjustment of interpretation of lease terms, or other relief arising under or relating to this lease. A claim arising under this lease, unlike a claim relating to this lease, is a claim that can be resolved under a lease clause that provides for the relief sought by the Lessee. However, a written demand or written assertion by the Lessee seeking the payment of money exceeding \$100,000 is not a claim under the Act until certified as required by subparagraph c.(2) below. The routine request for rental payments that is not in dispute is not a claim under the Act. The request may be converted to a claim under the Act, by this clause, if it is disputed either as a liability or amount or is not acted upon in a reasonable time.

c.

(1) A Claim by the Lessee shall be made in writing and submitted to the Real Estate Contracting Officer for a written decision. A claim by the Government against the Lessee shall be subject to a written decision by the Real Estate Contracting Officer.

(2) For Lessee claims exceeding \$100,000, the Lessee shall submit with the claim a certification that—

(i) the claim is made in good faith; and

(ii) supporting data are accurate and complete to the best of the Lessee's knowledge and belief;

(iii) and the amount requested accurately reflects the lease adjustment for which the Lessee believes the Government is liable.

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(3) If the Lessee is an individual, the certificate shall be executed by that individual. If the Lessee is not an individual, the certification shall be executed by –

- (i) a senior company official in charge of the Lessee's location involved; or
- (ii) an officer or general partner of the Lessee having overall responsibility of the conduct of the Lessee's affairs.

d. For Lessee claims of \$100,000 or less, the Real Estate Contracting Officer must, if requested in writing by the Lessee, render a decision within 60 days of the request. For Lessee-certified claims over \$100,000, the Real Estate Contracting Officer must, within 60 days, decide the claim or notify the Lessee of the date by which the decision will be made.

e. The Real Estate Contracting Officer's decision shall be final unless the Lessee appeals or files a suit as provided in the Act.

f. At the time a claim by the Lessee is submitted to the Real Estate Contracting Officer or a claim by the Government is presented to the Lessee, the parties, by mutual consent, may agree to use alternative means of dispute resolution. When using alternate dispute resolution procedures, any claim, regardless of amount, shall be accompanied by the certificate described in paragraph c.(2) of this clause, and executed in accordance with paragraph c.(3) of this clause.

g. The Government shall pay interest on the amount found due and unpaid by the Government from (1) the date the Real Estate Contracting Officer received the claim (properly certified if required), or (2) the date payment otherwise would be due, if that date is later, until the date of payment. Simple interest on claims shall be paid at the rate, fixed by the Secretary of the Treasury as provided in the Act, which is applicable to the period during which the Real Estate Contracting Officer receives the claim and then at the rate applicable for each 6-month period as fixed by the Treasury Secretary during the pendency of the claim. Rental amounts due to the Government by the Lessee will have interest and penalties as set out in the condition on **CONSIDERATION**.

h. The Lessee shall proceed diligently with the performance of the lease, pending final resolution of any request for relief, claim, or action arising under the lease, and comply with any decision of the Real Estate Contracting Officer.

27. ENVIRONMENTAL PROTECTION

a. Within the limits of their respective legal powers, the parties to this lease shall protect the project against pollution of its air, ground, and water. The Lessee shall comply promptly with any laws, regulations, conditions or instructions affecting the activity hereby authorized, if and when issued by the Environmental Protection Agency, or any Federal, state, interstate or local governmental agency having jurisdiction to

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abate or prevent pollution. The disposal of any toxic or hazardous materials within the leased area is specifically prohibited. Such regulations, conditions, or instructions in effect or prescribed by the Environmental Protection Agency, or any Federal, state, interstate or local governmental agency, are hereby made a condition of this lease. The Lessee shall require all sanitation facilities on boats moored at the Lessee's facilities, including rental boats, to be sealed against any discharge into the lake. Services for waste disposal, including sewage pump-out of watercraft, shall be provided by the Lessee as appropriate. The Lessee shall not discharge waste or effluent from the Premises in such a manner that the discharge will contaminate streams or other bodies of water or otherwise become a public nuisance.

b. The Lessee will use all reasonable means available to protect the environment and natural resources, and where damage nonetheless occurs from activities of the Lessee, the Lessee shall be liable to restore the damaged resources.

c. The Lessee must obtain approval in writing from said officer before any pesticides or herbicides are applied to the Premises.

28. PRELIMINARY ASSESSEMENT SCREENING

A Preliminary Assessment Screening (PAS) documenting the known history of the property with regard to the storage, release or disposal of hazardous substances thereon, is attached hereto and made a part hereof as **EXHIBIT D**. Upon expiration, revocation or relinquishment of this lease another PAS shall be prepared which will document the environmental condition of the property at that time. A comparison of the two assessments will assist the said officer in determining any environmental restoration requirements. Any such requirements will be completed by the Lessee in accordance with the condition on **RESTORATION**.

29. HISTORIC PRESERVATION

The Lessee shall not remove or disturb, or cause or permit to be removed or disturbed, any historical, archaeological, architectural or other cultural artifacts, relics, remains, or objects of antiquity. In the event such items are discovered on the Premises, the Lessee shall immediately notify the Real Estate Contracting Officer and protect the site and the material from further disturbance until the Real Estate Contracting Officer gives clearance to proceed.

30. SOIL AND WATER CONSERVATION

The Lessee shall maintain in a manner satisfactory to the Real Estate Contracting Officer, all soil and water conservation structures that may be in existence upon said Premises at the beginning of, or that may be constructed by the Lessee during the term of, this lease, and the Lessee shall take appropriate measures to prevent or control soil erosion within the Premises. Any soil erosion occurring outside

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the Premises resulting from the activities of the Lessee shall be corrected by the Lessee as directed by the Real Estate Contracting Officer.

31. TRANSIENT USE

a. Camping, including transient trailers or recreational vehicles, at one or more campsites for a period longer than thirty (30) days during any sixty (60) consecutive day period is prohibited. The Lessee will maintain a ledger and reservation system for the use of any such campsites.

b. Occupying any lands, buildings, vessels or other facilities within the Premises for the purpose of maintaining a full- or part-time residence is prohibited, except for employees residing on the Premises for security purposes, if authorized by the Real Estate Contracting Officer.

32. COVENANT AGAINST CONTINGENT FEES

The Lessee warrants that no person or selling agency has been employed or retained to solicit or secure this lease upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or established commercial or selling agencies maintained by the Lessee for the purpose of securing business. For breach or violation of this warranty, the United States shall have the right to annul this lease without liability or, in its discretion, to require the Lessee to pay, in addition to the lease rental or consideration, the full amount of such commission, percentage, brokerage, or contingent fee.

33. OFFICIALS NOT TO BENEFIT

No Member of or Delegate to Congress or Resident Commissioner shall be admitted to any share or part of this lease or to any benefits to arise therefrom. However nothing herein contained shall be construed to extend to any incorporated company if the lease be for the general benefit of such corporation or company.

34. MODIFICATIONS

This lease contains the entire agreement between the parties hereto, and no modification of this agreement, or waiver, or consent hereunder shall be valid unless the same be in writing, signed by the parties to be bound or by a duly authorized representative and this provision shall apply to this condition as well as all other conditions of this lease.

35. DISCLAIMER

This lease is effective only insofar as the rights of the United States in the Premises are concerned; and the Lessee shall obtain such permission as may be

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required on account of any other existing rights. It is understood that the granting of this lease does not eliminate the necessity of obtaining any Department of the Army permit which may be required pursuant to the provisions of Section 10 of the Rivers and Harbors Act of 3 March 1899 (30 Stat. 1151; 33 U.S.C. § 403), or Section 404 of the Clean Water Act (33 U.S.C. § 1344).

36. DETERMINATION REGARDING EXECUTIVE ORDER 13658

Any reference in this section to "prime contractor" or "contractor" shall mean the Lessee and any reference to "contract" shall refer to the Lease.

The parties expressly stipulate this contract is subject to Executive Order 13658, the regulations issued by the Secretary of labor in 29 CFR Part 10 pursuant to the Executive Order, and the following provisions.

a. Minimum Wages.

(1) Each worker (as defined in 29 CFR 10.2) engaged in the performance of this contract by the prime contractor or any subcontractor, regardless of any contractual relationship which may be alleged to exist between the contractor and worker, shall be paid not less than the applicable minimum wage under Executive Order 13658.

(2) The minimum wage required to be paid to each worker performing work on or in connection with this contract between January 1, 2015 and December 31, 2015 shall be \$10.10 per hour. The minimum wage shall be adjusted each time the Secretary of Labor's annual determination of the applicable minimum wage under section 2(a)(ii) of Executive Order 13658 results in a higher minimum wage. Adjustments to the Executive Order minimum wage under section 2(a)(ii) of Executive Order 13658 will be effective for all workers subject to the Executive Orders beginning January 1 of the following year. If appropriate, the contracting officer, or other agency official overseeing this contract shall ensure the contractor is compensated only for the increase in labor costs resulting from the annual inflation increases in the Executive Order 13658 minimum wage beginning on January 1, 2016. The Secretary of Labor will publish annual determinations in the Federal Register no later than 90 days before such new wage is to take effect. The Secretary will also publish the applicable minimum wage on www.wdol.gov (or any successor Web site). The applicable published minimum wage is incorporated by reference into this contract.

(3) The contractor shall pay unconditionally to each worker all wages due free and clear and without subsequent deduction (except as otherwise provided by 29 CFR 10.23), rebate, or kickback on any account. Such payments shall be made no later than one pay period following the end of the regular pay period in which such wages were earned or accrued. A pay period under this Executive Order may not be of any duration longer than semi-monthly.

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(4) The prime contractor and any upper-tier subcontractor shall be responsible for the compliance by any subcontractor or lower-tier subcontractor with the Executive Order minimum wage requirements. In the event of any violation of the minimum wage obligation of this clause, the contractor and any subcontractor(s) responsible therefore shall be liable for the unpaid wages.

(5) If the commensurate wage rate paid to a worker on a covered contract whose wages are calculated pursuant to a special certificate issued under 29 U.S.C. 214(c), whether hourly or piece rate, is less than the Executive Order minimum wage, the contractor must pay the Executive Order minimum wage rate to achieve compliance with the Order. If the commensurate wage due under the certificate is greater than the Executive Order minimum wage, the contractor must pay the 14(c) worker the greater commensurate wage.

b. Withholding. The agency head shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the prime contractor under this or any other Federal contract with the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay workers the full amount of wages required by Executive Order 13658.

c. Contract Suspension/Contract Termination/Contractor Debarment. In the event of a failure to pay any worker all or part of the wages due under Executive Order 13658 or 29 CFR Part 10, or a failure to comply with any other term or condition of Executive Order 13658 or 29 CFR Part 10, the contracting agency may on its own action or after authorization or by direction of the Department of Labor and written notification to the contractor, take action to cause suspension of any further payment, advance or guarantee of funds until such violations have ceased. Additionally, any failure to comply with the requirements of this clause may be grounds for termination of the right to proceed with the contract work. In such event, the Government may enter into other contracts or arrangements for completion of the work, charging the contractor in default with any additional cost. A breach of the contract clause may be grounds for debarment as a contractor and subcontractor as provided in 29 CFR 10.52.

d. The contractor may not discharge any part of its minimum wage obligation under Executive Order 13658 by furnishing fringe benefits or, with respect to workers whose wages are governed by the Service Contract Act, the cash equivalent thereof.

e. Nothing herein shall relieve the contractor of any obligation under Federal, State or local law, or under contract, for the payment of a higher wage to any worker, nor shall a lower prevailing wage under any such Federal, State, or local law, or under contract, entitle a contractor to pay less than \$10.10 (or the minimum wage as established each January thereafter) to any worker.

LEASE NO. DACW63-1-16-0661**f. Payroll Records.**

(1) The contractor shall make and maintain for three years of records containing the information specified in paragraphs f(1)(i) through (vi) of this section for each worker and shall make the records available for inspection and transcription by authorized representative of the Wage and Hour Division of the U.S. Department of Labor:

- (i) Name, address, and social security number.
- (ii) The worker's occupation(s) or classification(s).
- (iii) The rate or rates of wages paid.
- (iv) The number of daily and weekly hours worked by each worker.
- (v) Any deductions made; and
- (vi) Total wages paid.

(2) The contractor shall also make available a copy of the contract, as applicable, for inspection or transcription by authorized representatives of the Wage and Hour Division.

(3) Failure to make and maintain or to make available such records for inspection and transcription shall be a violation of 29 CFR Part 10 and this contract, and in the case of failure to produce such records, the contracting officer, upon direction of an authorized representative of the Department of Labor, or under its own action, shall take such action as may be necessary to cause suspension of any further payment or advance of funds until such time as the violations are discontinued.

(4) The contractor shall permit authorized representative of the Wage and Hour Division to conduct investigation, including interviewing workers at the worksite during normal working hours.

(5) Nothing in this clause limits or otherwise modifies the contractor's payroll and recordkeeping obligations, if any, under the Davis-Bacon Act, as amended, and its implementing regulation; the Service Contract Act, as amended, and its implementing regulations; the Fair Labor Standards Act, as amended, and its implementing regulations; or any other applicable law.

g. The contractor (as defined in 29 CFR 10.2) shall insert this clause in all of its covered subcontracts and shall require its subcontractors to include this clause in any covered lower-tier subcontracts. The prime contractor and any upper-tier subcontractor shall be responsible for the compliance by any subcontractor or lower-tier subcontractor with this contract clause.

LEASE NO. DACW63-1-16-0661**h. Certification of Eligibility.**

(1) By entering into this contract, the contractor (an officials thereof) certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of the sanctions imposed pursuant to section 5 of the Service Contract Act, section 3(a) of the Davis-Bacon Act, or 29 CFR 5.12(a)(1).

(2) No part of this contract shall be subcontracted to any person or firm whose name appears on the list of persons or firms ineligible to receive Federal contracts.

(3) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

i. Tipped employees. In paying wages to a tipped employee as defined in section 3(t) of the Fair Labor Standards Act, 29 U.S.C 203(t), the contractor may take a partial credit against the wage payment obligation (tip credit) to the extent permitted under section 3(a) of Executive Order 13658. In order to take such a tip credit, the employee must receive an amount of tips at least equal to the amount of the credit taken; where the tipped employee does not receive sufficient tips to equal the amount of the tip credit the contractor must increase the cash wage paid for the workweek so that the amount of cash wage paid and the tips received by the employee equal the applicable minimum wage under Executive Order 13658. To utilize this proviso:

(1) The employer must inform the tipped employee in advance of the use of the tip credit;

(2) The employer must inform the tipped employee of the amount of cash wage that will be paid and the additional amount by which the employee's wages will be considered increased on account of the tip credit;

(3) The employees must be allowed to retain all tips (individually or through a pooling arrangement and regardless of whether the employer elects to take a credit for tips received); and

(4) The employer must be able to show by records that the tipped employee received at least the applicable Executive Order minimum wage through the combination of direct wages and tip credit.

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j. Anti-retaliation. It shall be unlawful for any person to discharge or in any other manner discriminate against any worker because such worker has filed any complaint or instituted or caused to be instituted any proceeding under or related to Executive Order 13658 or 29 CFR Part 10, or has testified or is about to testify in any such proceeding.

k. Disputes concerning labor standards. Disputes related to the application of Executive Order 13658 to this contract shall not be subject to the general disputes clause of the contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR Part 10. Disputes within the meaning of this contract clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the workers or their representatives.

l. Notice. The contractor must notify all workers performing work on or in connection with a covered contract of the applicable minimum wage rate under the Executive Order. With respect to service employees on contracts covered by the Service Contract Act and laborers and mechanics on contracts covered by the Davis-Bacon Act, the contractor may meet this requirement by posting, in a prominent and accessible place at the worksite, the applicable wage determination under those statutes. With respect to workers performing work on or in connection with a covered contract whose wages are governed by the FLSA, the contractor must post a notice provided by the Department of Labor in a prominent and accessible place at the worksite so it may be readily seen by workers. Contractors that customarily post notices to workers electronically may post the notice electronically provided such electronic posting is displayed prominently on any Web site that is maintained by the contractor, whether external or internal, and customarily used for notices to workers about terms and conditions of employment.

l. If a duly authorized representative of the United States discovers or determines, whether before or subsequent to executing this contract, that an erroneous determination regarding the applicability of Executive Order 13658 was made, contractor, to the extent permitted by law, agrees to indemnify and hold harmless the United States, its officers, agents, and employees, for and from any and all liabilities, losses, claims, expenses, suites, fines, penalties, judgments, demands or actions, costs, fees, and damages directly or indirectly arising out of, caused by, related to, resulting from or in any way predicated upon, in whole or in part, the erroneous Executive Order 13658 determination. This includes contractor releasing any claim or entitlement it would otherwise have to an equitable adjustment to the contract and indemnifying and holding harmless the United States from the claims of subcontractors and contractor employees.

LEASE NO. DACW63-1-16-0661**37. ADDED CONDITIONS**

a. While the Premises shown on Exhibit A and A1 extend to the 440 foot contour, this represents only the conservation pool elevation. The Premises shall be considered to extend to the waterline and shall also include all associated facilities such as docks, piers, boat ramps, and boat channels which may extend beyond or below said waterline. Also, such water areas which are directly associated with the parks, such as swimming areas and "no-wake zones" are also included in the Premises.

b. Boat Launch Area No. 3 in South Sulphur Park will be operated by the Lessee as a free public access area. With this exception, the Lessee may assess and collect fees for entrance to developed areas and for use of recreation areas comparable to fees charged at other Texas State Park Units. Rates and prices charged by the Lessee or its sublessees for other activities, shall be reasonable and comparable to rates charged for similar services by others in the community. The Real Estate Contracting Officer shall have the right to review all fees, rates and prices and to require an increase or reduction where it finds the objective of this paragraph has been violated.

IN WITNESS WHEREOF, I have hereunto set my hand by authority of the Secretary of the Army this 12 day of JANUARY, 2017.



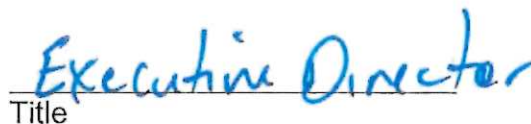
Rocky D. Lee
District Chief, Real Estate Division
Real Estate Contracting Officer

THIS LEASE is also executed by the Lessee this 2nd day of January, 2017.

Texas Park and Wildlife Department



Name



Title

CERTIFICATE OF AUTHORITY

I Ann Bright, certify that I am the General Counsel of Texas Parks and Wildlife Department, named as the grantee herein; and that Carter Smith, who signed the foregoing instrument on behalf of Texas Parks and Wildlife Department, was then Executive Director of Texas Parks and Wildlife Department. I further certify that the said officer was acting within the scope of powers delegated to this officer by the governing body of Texas Parks and Wildlife Department, in executing said instrument.

Date 1-2-17Ann Bright
Authorized RepresentativeGeneral Counsel
(Title)

NOTE: This form certifies that the person signing the attached instrument has the authority to do so. The signature of the Secretary/Attesting Officer and the individual signing the attached instrument cannot be the same person.

Cooper South USGS 7.5' Quadrange
Quad Number: 3395-242
Original Date: 1964

Jim Chapman Lake

Finley

Mill

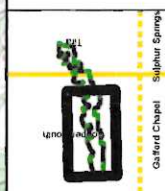
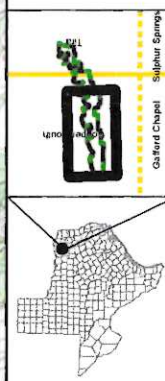
Branch

Branch

Wastewater
Treatment
Plant
13613-001



1:24,000



RECEIVED
FEB 12 2024
Water Quality Applications Team

TPWD Cooper Lake SP-South Sulphur Unit
Hopkins County
WWTF 13613-001

UTM Z15 NAD83, map id: Cooper Lake South Sulphur
map date: 20180907, TPWD/SP/IR-PGR-JESTES

Domestic Outfall
WWTP_Footprint_PY
One Mile Radius
Cooper Lake State Park-South Sulphur Unit

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RECEIVED

FEB 12 2024

Water Quality Applications Team

Jim Chapman Lake/
Cooper Dam
Hopkins County, TX
Cooper Lake State Park
South Sulphur Unit
January 2016

Legend

- State Park Boundary
- Fee Boundary



0 2,000 4,000 Feet

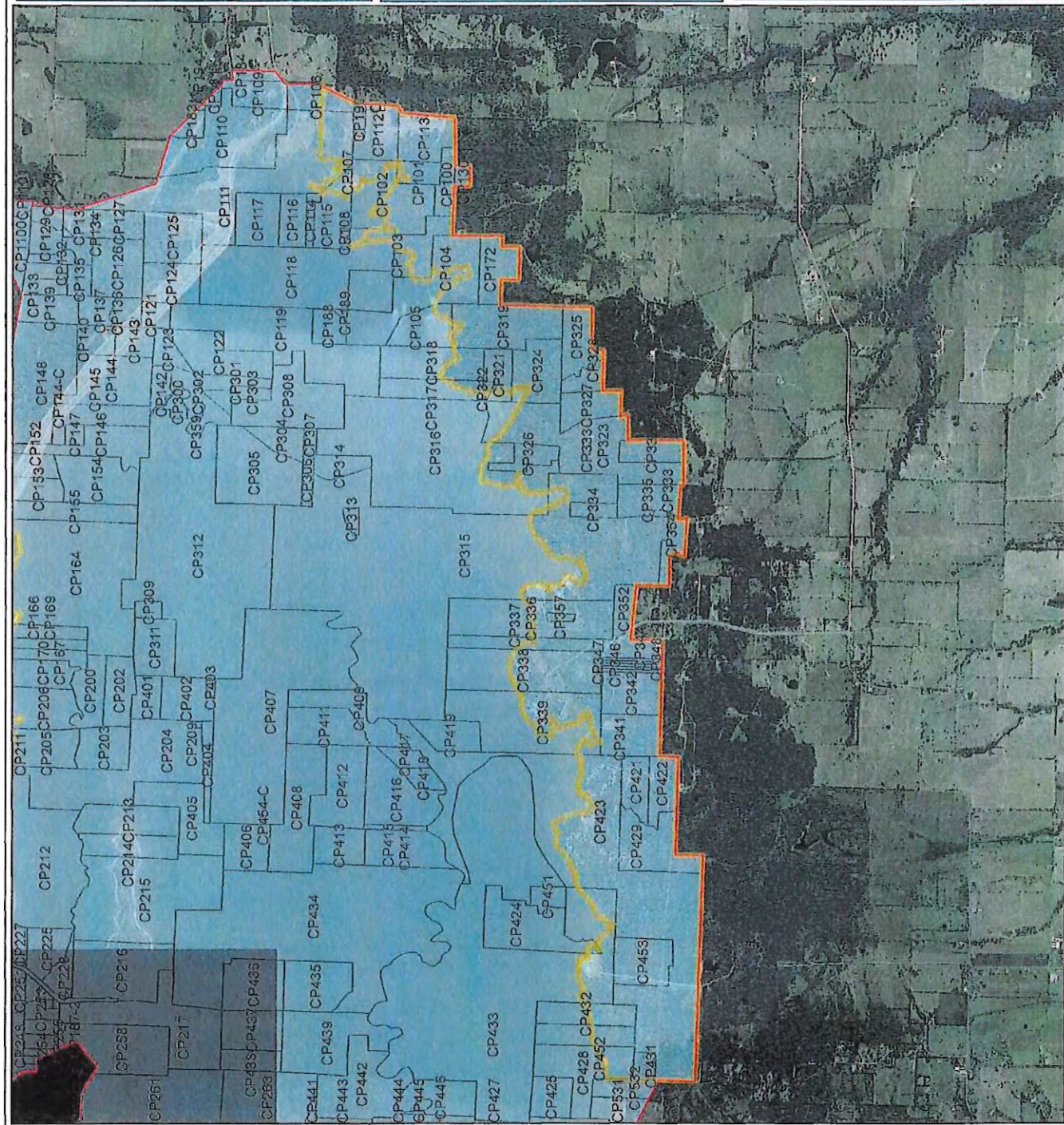


EXHIBIT A1

Cooper Lake State Park Management

2015-2019

State Parks Mission Statement

Manage state parks and historic sites to conserve natural and cultural resources, provide recreational and educational opportunities, and foster an understanding of the diversity of Texas' lands and heritage for all generations.

Purpose

The purpose of this plan will be to provide an overview of management activities to be undertaken by Cooper Lake State Park including improvements and other facilities to be constructed, and including budget and personnel required to complete the project. A report from the previous year will be provided on an annual basis to include management, maintenance, pesticide use, and development accomplishments at Cooper Lake State Park. Significant modifications of policies or procedures will be provided within this plan on an annual basis. Minor modifications to the Plan of Recreation and Development and Management will be provided within this plan on an annual basis.

Management Activities

Cooper Lake State Park is made up of two separate units. The South Sulphur Unit located in Hopkins County sits on the south shoreline of Cooper Lake. Below you will see a breakdown of budget and staffing for the South Sulphur Unit.

Operating Budget	Staffing
\$237,716	16.75 employees

The list below will include proposed improvements and construction to facilities within the South Sulphur Unit for 2015-2019. Total costs for each project will be included. Expenses for these projects will be covered out of operating budget unless additional appropriations are made within the FY by Austin Headquarters.

Proposed Project	Project Description	Cost
Convert 4 screened shelters to 4 premium shelters	Enclose screened shelter, add A/C unit, bunk beds, counter, refrigerator, microwave	\$24,000
Build retaining wall on swim beach	Build wall to prevent beach sand from eroding into lake bed	\$13,000
Hike and Bike trail expansion	Expand current trail system to in an effort to attract more hikers and bikers	\$20,000
Construct group facility	Construct a new group facility in cabin area to accommodate large groups. Would be furnished with commercial kitchen, dining are, and outdoor porch area.	\$500,000
Re-construct cabin #9	Re-construct Cabin #9	\$300,000
Construct carports to park residences	Construct carports at park residence to park vehicles under to protect from weather	\$10,000
Construct parking area for fishing pond	Construct parking area near fishing pond in an effort to accommodate large groups of visitors for events and programs	\$7,500
Construct Interpretive Center	Construct Interpretive Center at Park HQ to provide educational opportunities to park visitors. Center would include self-guided educational material, classroom for educational programs and office space for park interpreter.	\$500,000
Construct Office building on SSRDA property	Construct Office Building on SSRDA Property to enhance park operations.	\$100,000

The Doctors Creek Unit located in Delta County sits on the north shoreline of Cooper Lake. Below you will see a breakdown of budget and staffing for the Doctors Creek Unit.

Operating Budget	Staffing
\$92,194	6.5 employees

The list below will include proposed improvements and construction to facilities within the Doctor Creek Unit for 2015-2019. Total costs for each project will be included. Expenses for these projects will be covered out of operating budget unless additional appropriations are made within the FY by Austin Headquarters.

Proposed Project	Project Description	Cost
Convert 2 screened shelters to 2 premium shelters	Enclose screened shelter, add A/C unit, bunk beds, counter, refrigerator, microwave	\$16,000
Convert group picnic pavilion into group facility	Enclose group picnic pavilion add A/C Unit, kitchen area, and dining area	\$50,000
Replace roofs on buildings with metal	Remove existing composite shingles and replace with metal roofing	\$50,000

2014 Report

Both Units of Cooper Lake State Park work on routine maintenance of all park facilities within the park. Some examples of these tasks might include but are not limited to painting, replacement of outdated parts, and repair to damaged facilities. Park Management utilizes FMIS, an operating system designed for TPWD, to enter maintenance needs, repair needs, and future facility developments. Below are items that were accomplished in 2014.

1. South Sulphur Unit

- a. Painted 14 cabins and service building in Pecan Ridge Area
- b. Replace damaged roofs on 11 cabins and service building
- c. LED lighting and new electrical cord modification at fish cleaning stations

Pesticide Applicaitons

Pesticide	Qty.
Tordon	2 quarts
Permethrin	1.25 gal
Aqua Neat	5 gal
Bifenthrin	1.5 gal
Imadacloprid	.5 gal
Bifenthrin, Zeta-cypermethrin granule	200 lbs

2. Doctors Creek Unit

- a. Painted outside of 4 buildings
- b. Painted interior of Cottages 2 & 4
- c. Replaced siding and trim Pelican Point restroom
- d. Installed new park benches throughout park
- e. Replaced roof at Pelican Point restroom
- f. Electrical cord modification at fish cleaning station
- g. LED lighting upgrade to all restrooms

Pesticide Applications

Pesticide	Qty.
40% Glysophate	5 gal.

JOINT SURVEY AND INSPECTION OF CONDITION OF GOVERNMENT LEASED PROPERTY <small>(ER 405-1-12)</small>			
INSTRUCTIONS			
1. If considered necessary, use a separate ENG Form 3143a for each room surveyed. 2. Additional sheets may be attached for physical characteristics of land and buildings: exterior		and interior details of buildings; service facilities; inventory of machinery and equipment; miscellaneous items and general remarks not otherwise covered in section II of this form or on ENG Form 3143a.	
ADDED INSTRUCTIONS <i>(Overprint, if desired)</i>			
SECTION I - PROPERTY DATA AND CONDITION AGREEMENT			
DATE OF SURVEY 2016-06-13	LEASE NO. DACW63-1-91-0558	LEASE COMMENCEMENT DATE 5/23/1990	DATE POSSESSION TAKEN
ACTIVITY Recreation		TOTAL LEASED BUILDING AREA <i>(Square foot)</i>	
DESCRIPTION AND LOCATION OF PROPERTY See attached documents.			
JOINT AGREEMENT ON THE CONDITION OF THE PROPERTY			
We, the undersigned, jointly made a survey and inspection of the condition of the property mentioned above. We agree that as of the date of survey, the condition of the property is as described herein.			
THE CONDITION OF THE EXTERIOR OF THE PROPERTY IS INDICATED ON THE REVERSE SIDE OF THIS FORM. ROOM CONDITIONS ARE INDICATED ON ATTACHED ENG FORM 3143A.			NO. OF ATTACHMENTS 5 pages
NAME AND SIGNATURE OF <input type="checkbox"/> OWNER <input type="checkbox"/> LESSOR/LESSEE <input checked="" type="checkbox"/> AGENT Kody Waters, Complex Superintendent Cooper Lake State Park Complex <i>Kody Waters</i>		NAME, TITLE, AND SIGNATURE OF U.S. GOVERNMENT REPRESENTATIVE Dean Attaway Lead Natural Resource Specialist ATTAWAY.EMMITT DEAN.1289932670 <small>Digitally signed by ATTAWAY.EMMITT.DEAN.1289932670 DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=ATTAWAY.EMMITT.DEAN.1289932670 Date: 2016.06.15 16:01:55 -05'00'</small>	
ADDRESS 1690 FM 3505 Sulphur Springs, TX 75482		ORGANIZATION U.S. Army Corps of Engineers Wright Patman/Jim Chapman Lakes	

ENG FORM 3143, 1 JUN 1960

1 of 6

(Proponent: CER-E-A)

EXHIBIT C

26 of 35

South Sulphur Unit				
Property ID	Description	Location	Condition	Comments
CO-44074	Retainer wall	South Sulphur Unit-Pecan Ridge	Good	Buried under rip rap rock
CO-31085	Breakwater	South Sulphur Unit-Heron Harbor Day Use	Good	
CO-27539	4 lane boat ramp	Tira Day Use Area	Good	
CO-38953	2 lane boat ramp	South Sulphur Unit-Honey Creek Day Use	Good	
CO-38894	Headquarters building	South Sulphur Unit	Good	
CO-38895	4 stall metal pole barn	South Sulphur Unit-Maintenance Area	Good	
CO-38898	Ranger residence	South Sulphur Unit	Good	
CO-38899	Ranger garage	South Sulphur Unit	Good	
CO-38900	Ranger residence	South Sulphur Unit-Maintenance Area	Good	
CO-38913	5 lane boat ramp	South Sulphur Unit-Gulls Bluff Day Use	Good	
17 screen shelters (originally 21 constructed with COE funds-4 converted to cottages by TPWD at their own expense)				
CO-38915	Masonry waterborne toilet with showers #8	South Sulphur Unit-Eagle Point Screened Shelter Area	Good	
CO-38917	Masonry waterborne toilet with showers #8	South Sulphur Unit-Bugby Whip Equestrian Camping Area	Good	
CO-38918	Masonry waterborne toilet with showers	South Sulphur Unit-Eagle Point Screened Shelter Area	Good	
CO-38919	Masonry waterborne toilet with showers #6	South Sulphur Unit-Bright Star Camping Area	Good	
CO-38921	Fish cleaning station	South Sulphur Unit-Sunset Cove Day Use Area	Good	
CO-38922	Fish cleaning station	South Sulphur Unit-Honey Creek Day Use	Good	
CO-38923	Fish cleaning station	South Sulphur Unit-Gulls Bluff Day Use	Good	
CO-38924	15 camping cabins (1 burned)	South Sulphur Unit-Pecan Ridge Cabin Area	Good	
CO-38925	Housekeeping quarters	South Sulphur Unit-Pecan Ridge Cabin Area	Good	
CO-38926	Parking lot #1-housekeeping quarters, 677,978 SQ. FT.	South Sulphur Unit-Pecan Ridge Cabin Area	Good	
CO-38927	(15 each) typical 2 space cabin parking (1090,172 SQ. FT.)	South Sulphur Unit-Pecan Ridge Cabin Area	Good	
CO-38929	41 RV campsites-15 with table shelters	South Sulphur Unit-Deer Haven Camping Area	Good	
CO-38930	15 equestrian camping sites	South Sulphur Unit-Bugby Whip Equestrian Camping Area	Good	
CO-38933	Dumpstation	South Sulphur Unit-Near Bright Star Camping Area	Good	
CO-38935	Fishing platform	South Sulphur Unit-Eagle Point Screened Shelter Area	Poor	Due to recent flood
CO-38937	2 fishing piers	South Sulphur Unit-Sunset Point	Poor	Due to recent flood
CO-38938	Ranger garage	South Sulphur Unit-Maintenance Area	Good	
CO-38940	Masonry waterborne toilet	South Sulphur Unit-Gulls Bluff Day Use	Good	
CO-38941	Masonry waterborne toilet	South Sulphur Unit-Honey Creek Day Use	Good	
CO-38943	Self-composting toilet	South Sulphur Unit-Heron Harbor Day Use	Good	
Main maintenance building (metal, 3 stall) with compound fencing				
CO-38944	Picnic pavilion	South Sulphur Unit-Maintenance Area	Good	
CO-38951	46 RV campsites (17 with shelters)	South Sulphur Unit-Bright Star Camping Area	Good	
CO-38952	29 picnic tables - 15 with shelters	South Sulphur Unit-Heron Harbor Day Use	Good	
CO-38957	5 picnic tables with no shelters	South Sulphur Unit-Sunset Cove Day Use Area	Good	
CO-38959	Playground equipment/volleyball court	South Sulphur Unit-Heron Harbor Day Use	Good	
CO-38871	Masonry waterborne toilet with sand shower	South Sulphur Unit-Heron Harbor Day Use	Good	
CO-38873	Masonry waterborne toilet with showers	South Sulphur Unit-Deer Haven Camping Area	Good	
CO-38974	Composting toilet	South Sulphur Unit-Sunset Cove Day Use Area	Good	
CO-38979	Public access road, 0.691 miles	Tira Day Use Area	Good	

CO-39091	Wastewater treatment plant with fencing	South Sulphur Unit	Good
CO-39011	Beach	South Sulphur Unit-Heron Harbor Day Use	Good
CO-39012	15 tent campsites	South Sulphur Unit-Oak Grove Camping Area	Good
CO-39014	21 picnic tables - 9 with shelters	South Sulphur Unit-Gulls Bluff Day Use	Good
CO-39018	Double self composting toilet with stairs and ramp	Tira Day Use Area	Good
CO-39020	Equestrian trail	South Sulphur Unit-Buggy Whip Equestrian Camping Area	Good
CO-39035	Road - 5.57 miles paved	South Sulphur Unit	Good
CO-39036	Parking lot #1, 2146.057 SQ FT	South Sulphur Unit-HQ	Good
CO-39037	Parking lot #1, 1271.298 SQ FT	South Sulphur Unit-Bright Star Camping Area	Good
CO-39038	Parking lot #2, 1633.408 SQ FT	South Sulphur Unit-Bright Star Camping Area	Good
CO-39039	Parking lot #3, 1307.643 SQ FT	South Sulphur Unit-Bright Star Camping Area	Good
CO-39040	Parking lot #1, 4688.629 SQ FT	South Sulphur Unit-Buggy Whip Equestrian Camping Area	Good
CO-39041	Parking lot #2, 1348.159 SQ FT	South Sulphur Unit-Buggy Whip Equestrian Camping Area	Good
CO-39042	Parking lot #3, 1534.410 SQ FT	South Sulphur Unit-Buggy Whip Equestrian Camping Area	Good
CO-39050	Parking lot #1, 1069.029 SQ FT	South Sulphur Unit-Deer Haven Camping Area	Good
CO-39051	Parking lot #2, 1615.250 SQ FT	South Sulphur Unit-Deer Haven Camping Area	Good
CO-39052	Parking lot #3, 1166.182 SQ FT	South Sulphur Unit-Deer Haven Camping Area	Good
CO-39053	Parking lot #1, 684.905 SQ FT	South Sulphur Unit-Eagle Point Screened Shelter Area	Good
CO-39054	Parking lot #2, 914.852 SQ FT	South Sulphur Unit-Eagle Point Screened Shelter Area	Good
CO-39055	Parking lot #3, 940.097 SQ FT	South Sulphur Unit-Eagle Point Screened Shelter Area	Good
CO-39056	Parking lot #1, 28039.585 SQ FT	South Sulphur Unit-Heron Harbor Day Use	Good
CO-39057	Parking lot #2, 1117.244 SQ FT	South Sulphur Unit-Gulls Bluff Day Use	Good
CO-39058	Parking lot #3, 5574.568 SQ FT	South Sulphur Unit-Gulls Bluff Day Use	Good
CO-39059	Parking lot #1, 48310.803 SQ FT	South Sulphur Unit-Gulls Bluff Day Use	Good
CO-39071	Parking lot #1, 1608.809 SQ FT	South Sulphur Unit-Sunset Cove Day Use Area	Good
CO-39072	Parking lot #2, 1117.244 SQ FT	South Sulphur Unit-Sunset Cove Day Use Area	Good
CO-39073	Parking lot #3, 651.726 SQ FT	South Sulphur Unit-Sunset Cove Day Use Area	Good
CO-39074	Parking lot #4, 585.777 SQ FT	South Sulphur Unit-Sunset Cove Day Use Area	Good
CO-39075	Parking lot #5, 974.540 SQ FT	South Sulphur Unit-Sunset Cove Day Use Area	Good
CO-39076	Parking lot #1, 118561.149 SQ FT	Tira Day Use Area	Good
CO-39090	Antenna pole, 20 feet	South Sulphur Unit	Good
CO-39092	Fishing platform	South Sulphur Unit-shared between Gulls Bluff and Heron Harbor Day Use Areas	Good
CO-39093	Courtesy ramp to composting toilet	South Sulphur Unit-Sunset Cove Day Use Area	Good
CO-42579	Foot bridge	South Sulphur Unit-Heron Harbor Day Use	Good
CO-42580	Coyote run trail - 2.5 mile	South Sulphur Unit-Heron Harbor Day Use	Good
CO-43999	Parking lot #2	South Sulphur Unit-HQ	Good
CO-44003	Parking lot #1	South Sulphur Unit-Oak Grove Camping Area	Good
CO-44004	Parking lot #2	South Sulphur Unit-Oak Grove Camping Area	Good
CO-44005	Parking lot #3	South Sulphur Unit-Oak Grove Camping Area	Good
CO-44006	Parking lot #4	South Sulphur Unit-Oak Grove Camping Area	Good
CO-44007	Parking lot #5	South Sulphur Unit-Oak Grove Camping Area	Good
CO-44008	Parking lot #6	South Sulphur Unit-Oak Grove Camping Area	Good
CO-44009	Parking lot #7	South Sulphur Unit-Oak Grove Camping Area	Good
CO-44050	Signs and portals	South Sulphur Unit	Good

CO-66332	Retaining wall	South Sulphur Unit-Sunset Cove Day Use Area	Good
CO-66372	Parking lot #4, 1674 SQ. FT, 4 space	South Sulphur Unit-Bright Star Camping Area	Good
CO-66392	2 space parking lot, 806 SQ. FT, 17 each	South Sulphur Unit-Eagle Point Screened Shelter Area	Good
CO-66712	Typical 4 space parking lot, 1612 SQ. FT, 2 each	South Sulphur Unit-Eagle Point Screened Shelter Area	Good
CO-66732	Shoreline bulkhead with concrete sidewalk	South Sulphur Unit-Heron Harbor Day Use	Good
CO-39070	Parking lot #1, 61814.120 SQ. FT	South Sulphur Unit-Honey Creek Day Use	Good
CO-44043	Utility system-sewage	South Sulphur Unit	Good
CO-44044	Utility system-water	South Sulphur Unit	Good
CO-44045	Utility system-electric	South Sulphur Unit	Good

Doctor's Creek Unit				
Property ID	Description	Location	Condition	Comments
CO-38996	Concrete turning lanes	Doctor's Creek Unit-Lone Pine	Good	
CO-66355	Jetty-Rip Rap (9,000 SQ FT)	Doctor's Creek Unit-Lone Pine	Good	
CO-67193	Breakwater	Doctor's Creek Unit-Pelican Point Day Use	Good	
CO-27538	HQ complex fencing	Doctor's Creek Unit	Good	
CO-27540	3 lane boat ramp	Doctor's Creek Unit-Lone Pine	Good	
CO-38896	Ranger residence	Doctor's Creek Unit	Good	
CO-38897	Ranger garage	Doctor's Creek Unit	Good	
CO-38912	42 campsites with tables	Doctor's Creek-Liberty Grove Camping Area	Good	
	7 screen shelters (originally 7 constructed with COE funds-2 converted to cottages by TPWD with their own funds)			
CO-38916		Doctor's Creek Unit-Granny's Neck Day Use Area	Good	
CO-38920	Fish cleaning station	Doctor's Creek Unit-Lone Pine	Good	
CO-38934	Dumpstation	Doctor's Creek Unit-Pelican Point Day Use	Good	
CO-38942	Headquarters building	Doctor's Creek Unit	Good	
CO-38950	Picnic pavilion with 8 picnic tables	Doctor's Creek Unit-Pelican Point Day Use	Good	
CO-38953	40 picnic tables - 9 with shelters	Doctor's Creek Unit-Pelican Point Day Use	Good	
CO-38954	10 picnic tables with no shelters	Doctor's Creek Unit-Bluebonnet Day Use Area	Good	
CO-38958	State owned asset - playground equipment	Doctor's Creek Unit-Pelican Point Day Use	Good	
CO-38960	State owned asset - volleyball court	Doctor's Creek Unit-Pelican Point Day Use	Good	
CO-38962	Masonry waterborne toilet	Doctor's Creek Unit-Lone Pine	Good	
CO-38963	Masonry waterborne toilet with external shower	Doctor's Creek Unit-Pelican Point Day Use	Good	
CO-38970	Masonry waterborne toilet with showers #3	Doctor's Creek Unit-Liberty Grove Camping Area	Good	
CO-39016	Beach	Doctor's Creek Unit-Pelican Point Day Use	Good	
CO-39021	Parking lot #1, 11,187.43 SQ FT	Doctor's Creek Unit-Lone Pine	Good	
CO-39022	Parking lot - 88,085.676 SQ FT	Doctor's Creek Unit-Lone Pine	Good	
CO-39023	Parking lot #1, 2068.695 SQ FT	Doctor's Creek Unit-Liberty Grove Camping Area	Good	
CO-39024	Parking lot #1, 16287.295 SQ FT	Doctor's Creek Unit-Pelican Point Day Use	Good	
CO-39025	Parking lot #2, 690.876 SQ FT	Doctor's Creek Unit-Liberty Grove Camping Area	Good	
CO-39026	Parking lot #2, 16848.196 SQ FT	Doctor's Creek Unit-Pelican Point Day Use	Good	
CO-39030	Parking lot #1 at toilet, 2131.488 SQ FT	Doctor's Creek Unit-Liberty Grove Camping Area	Good	
CO-39031	Headquarters parking lot #1, 2214.167 SQ FT	Doctor's Creek Unit-HQ Complex	Good	
	Asphalt addition at gatehouse (additional lane) 1670.161 SQ FT			
CO-39032	FT	Doctor's Creek Unit-HQ Complex	Good	
CO-39034	Road - 2.805 miles paved	Doctor's Creek Unit	Good	
CO-39078	Nature trail, shoreline-N&S Loops and hike and bike trail	Doctor's Creek Unit-Pelican Point Day Use	Good	
CO-39080	Amphitheater	Doctor's Creek Unit-Liberty Grove Camping Area	Good	
CO-42554	Shop building	Doctor's Creek Unit-HQ Complex	Good	
CO-42559	Picnic barn (steel) 2 stall	Doctor's Creek Unit-HQ Complex	Good	
CO-43997	Parking lot #2, 788 SQ FT	Doctor's Creek Unit-HQ Complex	Good	
CO-43998	Parking lot to shoreline nature trail	Doctor's Creek Unit-Pelican Point Day Use	Good	
CO-44051	Signs and portals	Doctor's Creek Unit	Good	
CO-66774	Maintenance yard parking lot, 14000 SQ FT	Doctor's Creek Unit-HQ Complex	Good	
CO-39070	Parking lot #1, 61814.120 SQ FT	South Sulphur Unit-Honey Creek Day Use	Good	

CO-26375	Utility system-sewage	Doctor's Creek Unit	Good
CO-26376	Utility system-water	Doctor's Creek Unit	Good
CO-26377	Utility system-electric	Doctor's Creek Unit	Good

PRELIMINARY ASSESSMENT SCREENING

1. REAL PROPERTY TRANSACTION: The U.S. Army Corps of Engineers proposes to issue Lease NO. DACW63-1-16-0661, which will allow Texas Parks and Wildlife Department to continue to use approximately 2,960 acres of land and water for public park and recreation purposes at Cooper Lake, Texas. The new lease will become effective 1 December 2016 and expire on 31 November 2041.

a. A COMPREHENSIVE RECORDS SEARCH was conducted which included a review of the following areas:

1. Real Estate Division files;
2. Real Estate Division maps;
3. Cooper Lake Master plan;
4. Operations Division files;
5. Environmental Review Guide for Operations (ERGO).

b. INTERVIEWS WERE CONDUCTED with the following: Texas Parks and Wildlife, Cooper Lake State Park Superintendent, Mr. Kody Waters and U.S. Army Corps of Engineers Park Ranger, Mr. Dean Attaway on 19 July 2016.

c. A SITE INVESTIGATION was performed by Mr. Attaway on 19 July 2016, which consisted of a visual inspection of the area.

2. STATEMENT OF FINDINGS

a. COMPREHENSIVE RECORDS SEARCH SUMMARY

A complete search of the District files which pertain to the proposed lease area was made as stated in 1.a. above. The records search revealed no other evidence of any hazardous substance being stored, released or disposed of on the property involved. The operating plans and historical records also showed no other evidence of any activity which would have contaminated the property with hazardous substances.

b. SITE INVESTIGATION SUMMARY

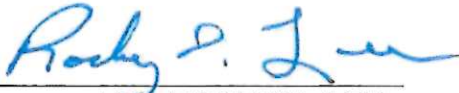
A site investigation of the proposed lease area was made as stated in 1.c. above. This visual inspection revealed no unusual odors, stained soils, stressed vegetation, suspicious seepage, manmade land features, unnatural surface features or other evidence that would indicate the presence of hazardous wastes. Based on this inspection it was determined no hazardous substance has been stored, released or disposed of on the property involved. Project personnel have no other knowledge of past activities which might have created a hazardous situation.



Prepared By: JOANNE MURPHY
Realty Specialist, Management and Disposal Branch

9 Jan 2017

Date



Approved By: ROCKY D. LEE
District Chief, Real Estate Division
Real Estate Contracting Officer

12 Jan 17

Date

CESWF-RE-M

21 October 2016

MEMORANDUM FOR RECORD

SUBJECT: Waiver of Competition to Renew Public Park and Recreation Lease No. DACW63-1-91-0558, Cooper Lake, Texas

1. **Property:** Texas Parks and Wildlife Department, Cooper State Park's Doctors Creek Unit and South Sulphur Unit, Lease No. DACW63-1-91-0558, expired on 22 January 2016 and a new lease, DACW63-1-16-0661 was issued for a term of 25 years.
2. **Description:** The lease area consists of two units, Doctors Creek Unit and South Sulphur Unit, containing a total of approximately 2,960 acres containing both land and water.
3. **Compliance:** Compliance reports have been done annually. The operator has worked well with the U.S. Army Corps of Engineers to correct any deficiencies.
4. **Financial:** This lease does not have a payment schedule, as the consideration is for the operation, maintenance and repairs of a public park and recreational area for the general public.
5. **Determination:** It has been determined that competition would be impractical and a waiver of competition is in the public interest. The lessee is willing and able to provide facilities and services necessary to service the public and perform in accordance with lease terms. In view of the above, competition is hereby waived for issuance of the above public park and recreation lease.



ROCKY D LEE
District Chief, Real Estate Division
Real Estate Contracting Officer

**DETERMINATION OF AVAILABILITY
CIVIL WORKS PROJECTS
LEASE NO. DACW63-1-16-0661**

1. I have determined that the intended use of this property is in the public interest or will further project purposes and is consistent with delegated authorities and Government regulations.
2. I have determined that the proposed use is not a potential embarrassment to the U.S. Army.
3. I have determined that the property is not excess to the overall project purpose and has not been identified as not utilized in a Real Property Management Report.
4. I have determined that the rental consideration is appropriate for the use proposed.
5. I have determined that Executive Order 13658 is applicable to the proposed outgrant.
6. The proposed use of the area is approved subject to all conditions listed in Lease No. DACW63-1-16-0661.
7. Coordination: CESWF-OD-TN, CESWF-OD-P, CESWF-OD-CO
8. It has been determined that the property is available for the proposed use and may be outgranted in accordance with applicable laws, rules and regulations.

12 Jan 17

Date



ROCKY D. LEE
District Chief, Real Estate Division
Real Estate Contracting Officer



Attachment A3

USGS Map

Permit No. WQ0013613001



Attachment A4

Plain Language Summary

Permit No. WQ0013613001

The Texas Parks and Wildlife Department (CN600134852) operates the Cooper Lake State Park South Sulphur Unit Wastewater Treatment Facility (WWTF) RN102916111. The facility is located at 1690 Farm-to-Market Road 3505, near the city of Sulphur Springs, in Hopkins County, Texas 75482.

This application is intended to renew permit No. WQ0013613001 for continued wastewater treatment operation.

Discharges from the facility are expected to contain Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), and E. coli. The solely domestic wastewater discharges are treated by an aerated pond system consisting of three aerated lagoons, clarification, sand filtration, and disinfection.

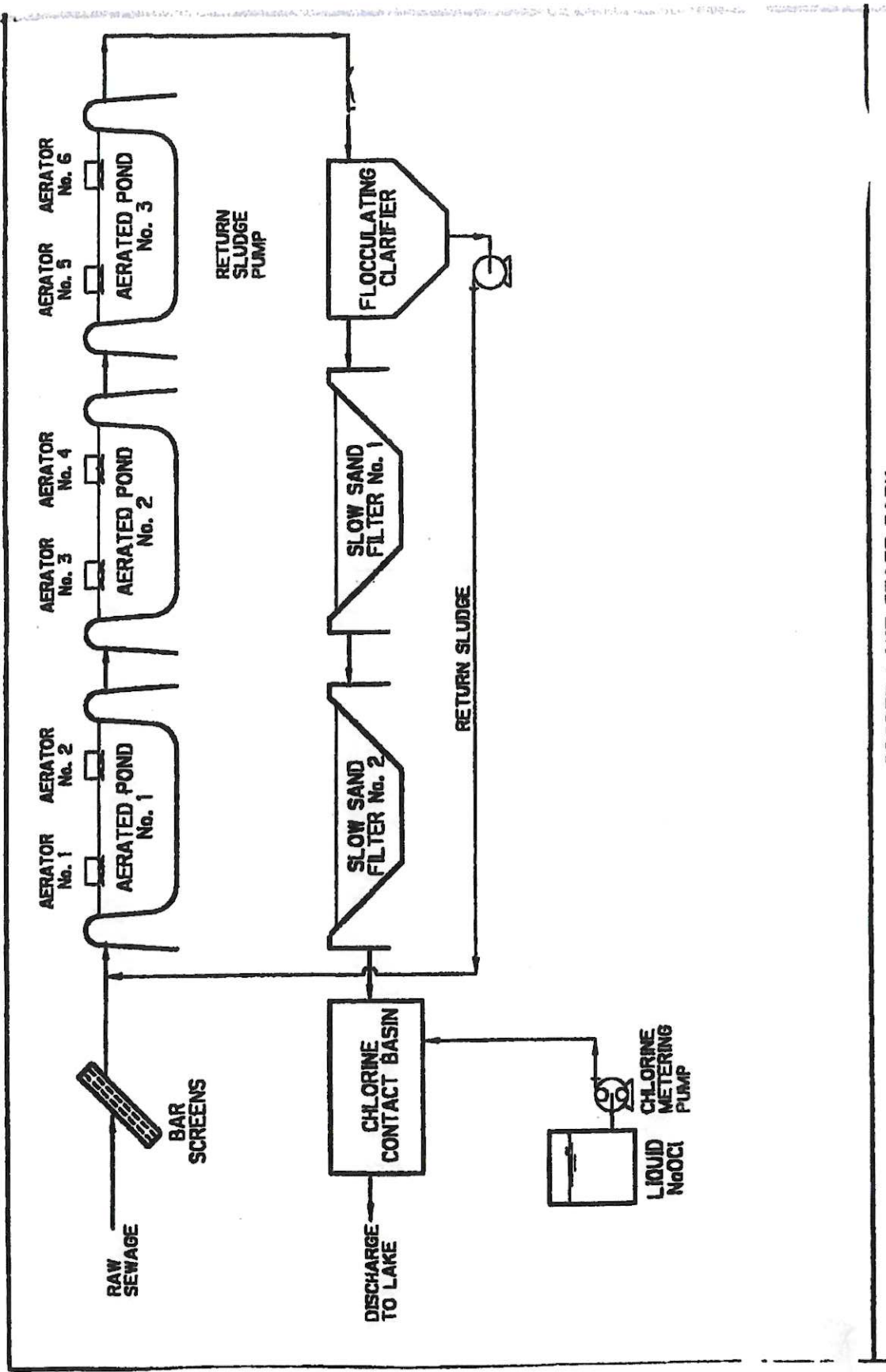




Attachment T1

Flow Diagram

Permit No. WQ0013613001



COOPER LAKE STATE PARK
WASTEWATER TREATMENT PROCESS FLOW



Attachment T2

Site Map

Permit No. WQ0013613001

Cooper Lake

State Park - South Sulphur Unit

TEXAS
PARKS &
WILDLIFE

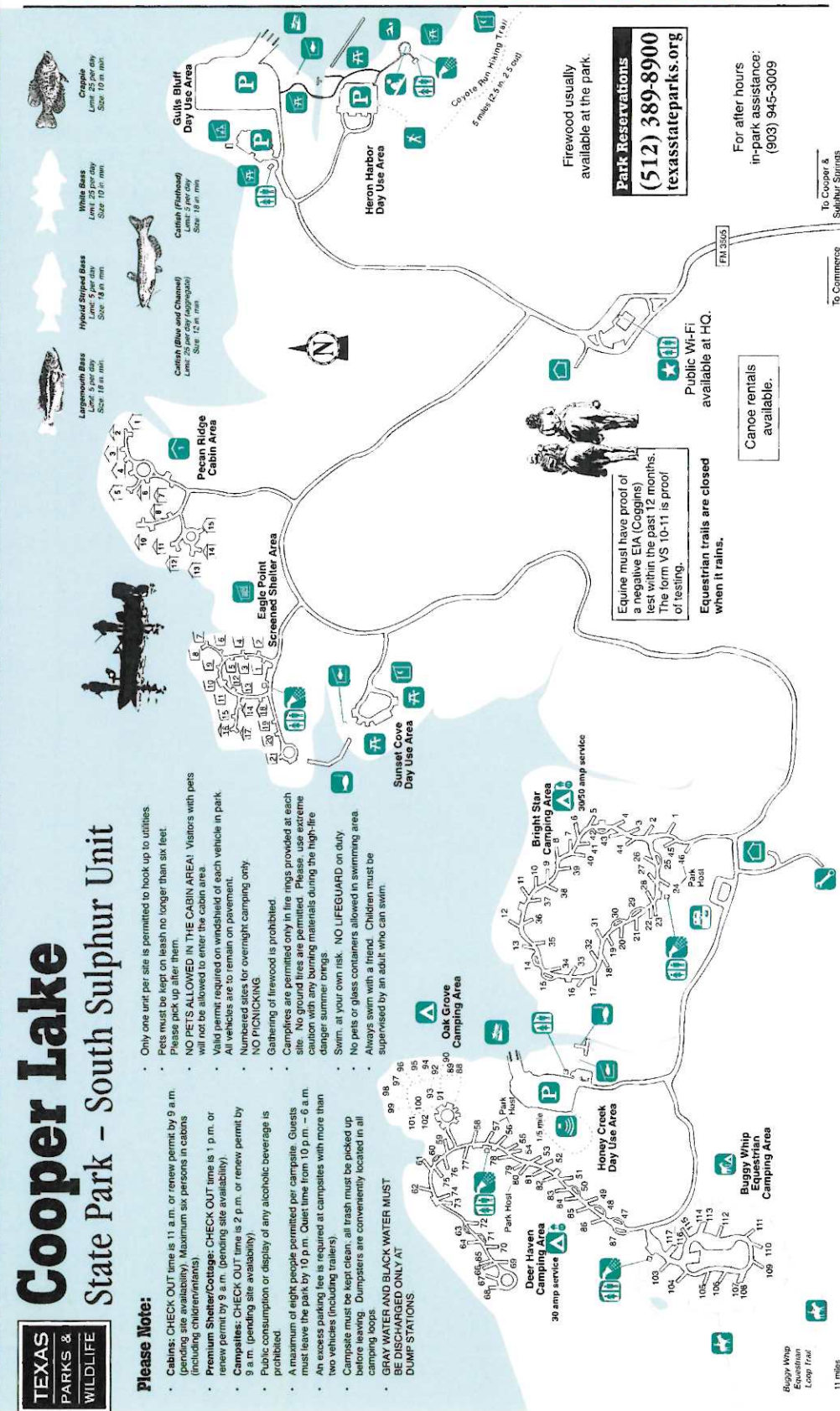
Please Note:

- Only one unit per site is permitted to hook up to utilities.
- Cabins: CHECK OUT time is 11 a.m. or renew permit by 9 a.m. (pending site availability). Maximum six persons in cabins (including children/infants).
- Pets must be kept on leash no longer than six feet. Please pick up after them.
- NO PETS ALLOWED IN THE CABIN AREA! Visitors with pets will not be allowed to enter the cabin area.
- Premium Shelter/Cottage: CHECK OUT time is 1 p.m. or renew permit by 9 a.m. (pending site availability).
- Valid permit required on windshield of each vehicle in park. All vehicles are to remain on pavement.
- Campsites: CHECK OUT time is 2 p.m. or renew permit by 9 a.m. (pending site availability).
- Numbered sites for overnight camping only.
- NO PICNICKING.
- Gathering of firewood is prohibited.
- Campfires are permitted only in fire rings provided at each site. No ground fires are permitted. Please use extreme caution with any burning materials during the high-fire danger summer months.
- Swim at your own risk. NO LIFEGUARD on duty.
- No pets or glass containers allowed in swimming area.
- Always swim with a friend. Children must be supervised by an adult who can swim.
- BE DISCHARGED ONLY AT DUMP STATIONS.
- GRAY WATER AND BLACK WATER MUST BE DISCHARGED ONLY AT DUMP STATIONS.

Legend:

- Headquarters
- Restrooms
- Showers
- Chemical Toilet
- Tent Sites
- Water/Electric
- Equestrian Sites
- Dump Station
- Residence
- Screened Shelters
- Cabin (taxable)
- Shelter with Amenities (taxable)
- Hiking Trail
- Horse Trail
- Picnic Area
- Picnic Shelter
- Group Picnic
- Amphitheater
- Designated Swimming Area
- Parking
- Boat Ramp
- Fishing Pier
- Fish Cleaning
- Playground
- Maintenance

1690 F.M. 3505
Sulphur Springs, TX 75482
(903) 945-5256



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Quality Applications Team

Tell Us About Your Experience:
www.tpwd.state.tx.us/parksurvey

Cooper Lake

State Park - South Sulphur Unit

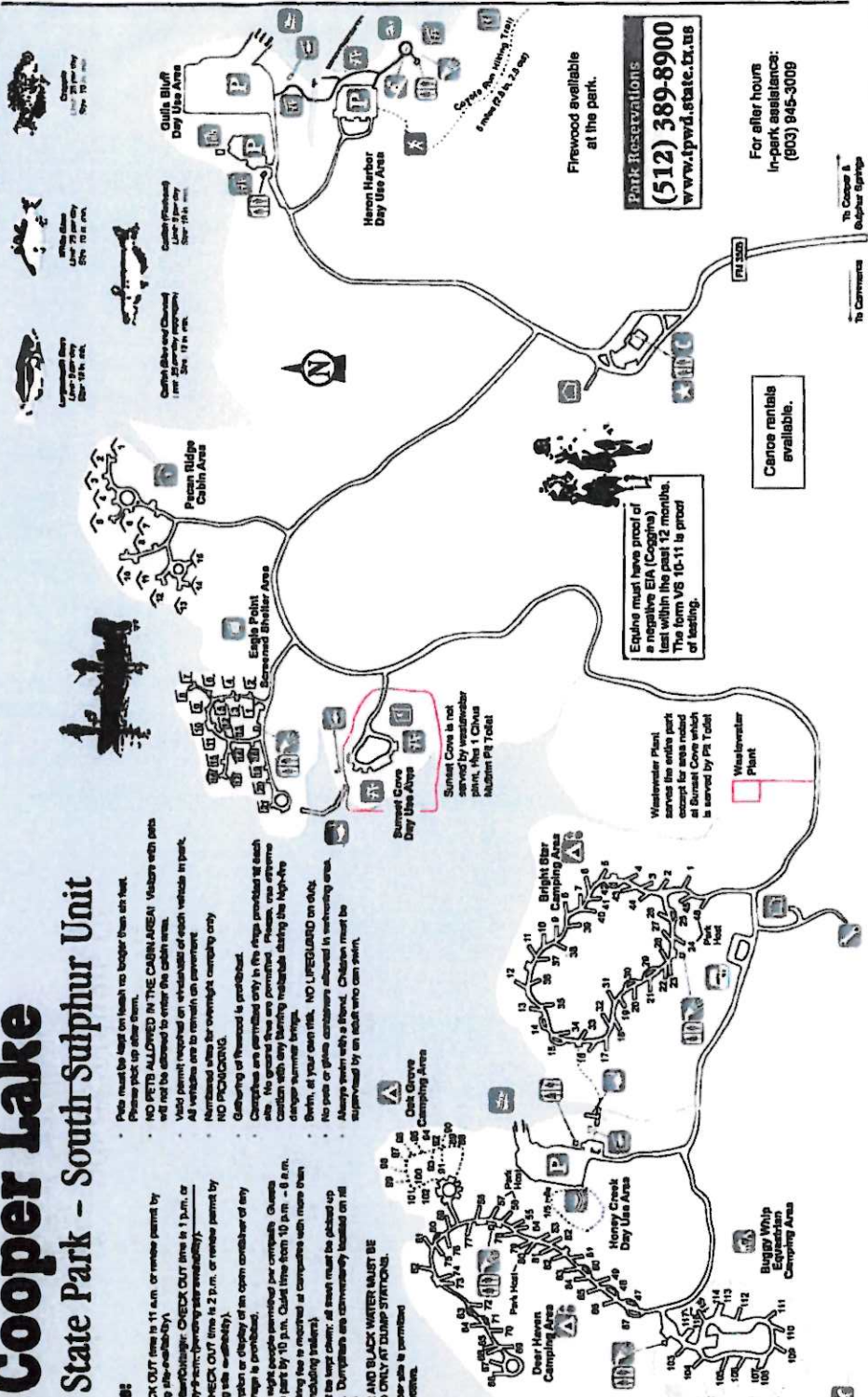


Please Note:

- **Campers:** CHECK OUT time is 11 a.m. or earlier permit by 9 a.m. (including late arrivals).
- **Permit Renewal:** CHECK OUT time is 1 p.m. or earlier permit by 11 a.m. (including late arrivals).
- **Special Rules:** CHECK OUT time is 2 p.m. or earlier permit by 11 a.m. (including late arrivals).
- **Public Information:** or display of an open container of any alcoholic beverage is prohibited.
- **Alcohol:** A maximum of one alcoholic beverage per campsite. Open containers must be kept in the park by 10 p.m. Quiet time from 10 p.m. - 6 a.m.
- **Animals:** Animals are prohibited at campsites with more than two vehicles (including trailers).
- **Campfires:** Campfires must be kept down; all fires must be out by 10 p.m. before leaving. Disruption and inconvenience caused on all camping loops.
- **GRAY WATER AND BLACK WATER MUST BE DISCHARGED ONLY AT DUMP STATIONS.**
- Only one unit per site is permitted to hook up to utilities.

Legend:

- Headquarters
- Rest Rooms
- Showers
- Chemical Toilet
- Tent Sites
- Water/Electric
- Equestrian Sites
- Dump Station
- Residence
- Screened Shelters
- Cabin
- Cottage
- Hiking Trail
- Horse Trail
- Public Phone
- Picnic Area
- Picnic Shelter
- Group Picnic
- Amphitheater
- Designated
- Swimming Area
- Parking
- Boat Ramp
- Fishing Pier
- Fish Cleaning
- Playground
- Maintenance



Park Reservations
(512) 389-8900
www.tpwd.state.tx.us

For after hours in-park assistance:
(803) 845-3009

1880 F.M. 3505
Sulphur Springs, TX 75482
(803) 845-5256

Equine must have proof of a negative EIA (Coggins) test within the past 12 months. The form VS 10-11 is proof of testing.

Canoe rentals available.

Westwater Plant serves the entire park except for areas noted at Sunset Cove which is served by Pit Toilet.

TOYOTA Proud Sponsor of Texas Parks and Wildlife Programs

RECEIVED
FEB 12 2024
Water Quality Applications Team

Cooper Lake State Park - South Sulphur
WQ #0013613-001
Permit Renewal Application
Site Map

Use State Department Law, this publication is available at the Texas State Publications Clearinghouse and/or Texas Department Library and Wildlife Department PWD MP 14608-155 (1/100)



Attachment T3

Effluent Sample Results for Renewal

Permit No. WQ0013613001

Project
1086257

TEXA-A

Texas Parks & Wildlife Sulphur Springs
Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

Printed 01/11/2024 15:44

TABLE OF CONTENTS

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1086257_r03_03_ProjectResults	SPL Kilgore Project P:1086257 C:TEXA Project Results t:304 PO: 500817	7
1086257_r10_05_ProjectQC	SPL Kilgore Project P:1086257 C:TEXA Project Quality Control Groups	8
1086257_r99_09_CoC__1_of_1	SPL Kilgore CoC TEXA 1086257_1_of_1	5
Total Pages:		22



Email: Kilgore.projectmanager@spl-inc.com



Report Page 1 of 23

SAMPLE CROSS REFERENCE

Project
1086257

Texas Parks & Wildlife Sulphur Springs
 Tony Smith
 1690 FM 3505
 Sulphur Springs, TX 75482

Printed

1/11/2024

Page 1 of 2
 WWTP DW

Sample	Sample ID	Taken	Time	Received
2260614	WW Permit 2023	01/02/2024	09:30:00	01/03/2024

Bottle 05 Na2S2O3 (0.008%) Polystyrene-100 mL Sterilized

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
SM 9223 B (Colilert-18 QT)-2016	05	1097788	01/04/2024	1097788	01/04/2024
SM 9223 B (Colilert-18 QT)-2016	05	1097787	01/04/2024	1097787	01/04/2024

Sample	Sample ID	Taken	Time	Received
2260628	WW Permit 2023	01/02/2024	13:00:00	01/03/2024

Bottle 01 Polyethylene Quart

Bottle 02 Polyethylene Quart

Bottle 03 H2SO4 to pH <2 Glass Qt w/Teflon lined lid

Bottle 04 8 oz Plastic H2SO4 pH < 2

Bottle 05 BOD Titration Beaker A (Batch 1097760) Volume: 100.00000 mL <== Derived from 01 (100 ml)

Bottle 06 BOD Analytical Beaker B (Batch 1097760) Volume: 100.00000 mL <== Derived from 01 (100 ml)

Bottle 07 Prepared Bottle: NH3N TRAACS Autosampler Vial (Batch 1098035) Volume: 6.00000 mL <== Derived from 04 (6 ml)

Bottle 08 Prepared Bottle: TKN TRAACS Autosampler Vial (Batch 1098266) Volume: 20.00000 mL <== Derived from 04 (20 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
EPA 300.0 2.1	02	1098102	01/04/2024	1098102	01/04/2024
SM 2320 B-2011	02	1098409	01/08/2024	1098409	01/08/2024
SM 5210 B-2016 (TCMP Inhibitor)	01	1097760	01/09/2024	1097760	01/09/2024
SM 2510 B-2011	02	1097982	01/04/2024	1097982	01/04/2024
SM 4500-CI F-2011	01	1097781	01/04/2024	1097781	01/04/2024
SM 4500-O G-2016	01	1097845	01/04/2024	1097845	01/04/2024
EPA 1664B (HEM)	03	1098668	01/10/2024	1098668	01/10/2024
EPA 350.1 2	07	1098035	01/05/2024	1098866	01/10/2024
SM 2540 C-2015	02	1098302	01/05/2024	1098302	01/05/2024
EPA 351.2 2	08	1098266	01/08/2024	1098721	01/10/2024
SM 4500-P E-2011	04	1098996	01/11/2024	1098996	01/11/2024
SM 2540 D-2015	01	1098278	01/05/2024	1098278	01/05/2024
SM 4500-H+ B-2011	02	1097984	01/04/2024	1097984	01/04/2024

Sample	Sample ID	Taken	Time	Received
2260827	Weekly Sewage Effluent	01/02/2024	13:06:00	01/03/2024

Email: Kilgore.projectmanager@spl-inc.com



Report Page 2 of 23

SAMPLE CROSS REFERENCE

Project

1086257

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1/11/2024

Page 2 of 2

WWTP DW

Texas Parks & Wildlife Sulphur Springs

Tony Smith

1690 FM 3505

Sulphur Springs, TX 75482

Bottle 01 Polyethylene 1/2 gal (White)

Bottle 02 BOD Titration Beaker A (Batch 1097760) Volume: 100.00000 mL <== Derived from 01 (100 ml)

Bottle 03 BOD Analytical Beaker B (Batch 1097760) Volume: 100.00000 mL <== Derived from 01 (100 ml)

Bottle 04 BOD Titration Beaker A (Batch 1097760) Volume: 100.00000 mL <== Derived from 01 (100 ml)

Bottle 05 BOD Analytical Beaker B (Batch 1097760) Volume: 100.00000 mL <== Derived from 01 (100 ml)

Bottle 06 8 oz Plastic H2SO4 pH < 2

Bottle 07 Prepared Bottle: NH3N TRAACS Autosampler Vial (Batch 1098677) Volume: 6.00000 mL <== Derived from 06 (6 ml)

Method	Bottle	PrepSet	Preparation	QcGroup	Analytical
SM 5210 B-2016 (TCMP Inhibitor)	01	1097760	01/09/2024	1097760	01/09/2024
EPA 350.1 2	07	1098677	01/10/2024	1098866	01/10/2024
SM 2540 D-2015	01	1098278	01/05/2024	1098278	01/05/2024

Email: Kilgore.projectmanager@spl-inc.com



Report Page 3 of 23



TEXA-A

Texas Parks & Wildlife Sulphur Springs
Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

Page 1 of 7

Project
1086257

Printed: 01/11/2024

RESULTS

Sample Results

2260614 WW Permit 2023

Received: 01/03/2024

Non-Potable Water

Collected by: Client
Taken: 01/02/2024

Texas Parks & Wildli
09:30:00

PO: 500817

SM 9223 B (Colilert-18 QT)-2016

Prepared: 1097787 01/04/2024 11:15:00 Analyzed 1097787 01/04/2024 11:15:00 CPI

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC MPN, Total Coliform, Non-Pot	<1.0	MPN/10 0mL	1.00			05

SM 9223 B (Colilert-18 QT)-2016

Prepared: 1097788 01/04/2024 11:15:00 Analyzed 1097788 01/04/2024 11:15:00 CPI

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC MPN, E.coli, Col.-18 - Non-Pot	<1.0	MPN/10 0mL	1.00			05

2260628 WW Permit 2023

Received: 01/03/2024

Non-Potable Water

Collected by: Client
Taken: 01/02/2024

Texas Parks & Wildli
13:00:00

PO: 500817

EPA 1664B (HEM)

Prepared: 1098668 01/10/2024 11:25:00 Analyzed 1098668 01/10/2024 11:25:00 TRC

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC Oil and Grease (HEM)	<4.49	mg/L	4.49			03

EPA 300.0 2.1

Prepared: 1098102 01/04/2024 09:40:00 Analyzed 1098102 01/04/2024 09:40:00 NAZ

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC Chloride	51.4	mg/L	3.00			02
NELAC Nitrate-Nitrogen Total	19.5	mg/L	0.226		14797-55-8	02
NELAC Sulfate	62.8	mg/L	3.00			02

EPA 350.1 2

Prepared: 1098035 01/05/2024 09:50:48 Analyzed 1098866 01/10/2024 16:49:00 AMB

Parameter	Results	Units	RL	Flags	CAS	Bottle
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TEXA-A

Texas Parks & Wildlife Sulphur Springs
 Tony Smith
 1690 FM 3505
 Sulphur Springs, TX 75482

Page 2 of 7

Project
1086257

Printed: 01/11/2024

2260628 WW Permit 2023

Received: 01/03/2024

Non-Potable Water Collected by: Client Texas Parks & Wildlife PO: 500817
 Taken: 01/02/2024 13:00:00

EPA 350.1 2		Prepared:	1098035	01/05/2024	09:50:48	Analyzed	1098866	01/10/2024	16:49:00	AMB
NELAC	Parameter	Results	Units	RL	Flags	CAS	Bottle			
	Ammonia Nitrogen	0.044	mg/L	0.020			07			
EPA 351.2 2		Prepared:	1098266	01/08/2024	09:40:53	Analyzed	1098721	01/10/2024	09:04:00	AMB
NELAC	Parameter	Results	Units	RL	Flags	CAS	Bottle			
	Total Kjeldahl Nitrogen	<0.050	mg/L	0.050		7727-37-9	08			
SM 2320 B-2011		Prepared:	1098409	01/08/2024	13:23:00	Analyzed	1098409	01/08/2024	13:23:00	KN1
NELAC	Parameter	Results	Units	RL	Flags	CAS	Bottle			
	Total Alkalinity (as CaCO3)	57.1	mg/L	4.00			02			
SM 2510 B-2011		Prepared:	1097982	01/04/2024	11:35:00	Analyzed	1097982	01/04/2024	11:35:00	ALH
NELAC	Parameter	Results	Units	RL	Flags	CAS	Bottle			
	Lab Spec. Conductance at 25 C	565	umhos/cm				02			
SM 2540 C-2015		Prepared:	1098302	01/05/2024	07:30:00	Analyzed	1098302	01/05/2024	07:30:00	JMB
NELAC	Parameter	Results	Units	RL	Flags	CAS	Bottle			
	Total Dissolved Solids	336	mg/L	20.0			02			
SM 2540 D-2015		Prepared:	1098278	01/05/2024	15:15:00	Analyzed	1098278	01/05/2024	15:15:00	JK1
NELAC	Parameter	Results	Units	RL	Flags	CAS	Bottle			
	Total Suspended Solids	<2.00	mg/L	2.00			01			
SM 4500-Cl F-2011		Prepared:	1097781	01/04/2024	08:19:00	Analyzed	1097781	01/04/2024	08:19:00	KN1
NELAC	Parameter	Results	Units	RL	Flags	CAS	Bottle			
	Cl2 Residual, Total(Lab) Titration	0.850	mg/L	0.100			01			



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TEXA-A

Page 3 of 7

Texas Parks & Wildlife Sulphur Springs
 Tony Smith
 1690 FM 3505
 Sulphur Springs, TX 75482

Project
1086257

Printed: 01/11/2024

2260628 WW Permit 2023

Received: 01/03/2024

Non-Potable Water Collected by: Client Texas Parks & Wildli PO: 500817
 Taken: 01/02/2024 13:00:00

SM 4500-H+ B-2011 Prepared: 1097984 01/04/2024 13:20:00 Analyzed 1097984 01/04/2024 13:20:00 ALH

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC Laboratory pH WW	7.1@18C	SU	2.00	H		02

SM 4500-O G-2016 Prepared: 1097845 01/04/2024 12:34:53 Analyzed 1097845 01/04/2024 12:34:53 JW1

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC Dissolved Oxygen, in Lab	10.2	mg/L	1.00			01

SM 4500-P E-2011 Prepared: 1098996 01/11/2024 08:33:00 Analyzed 1098996 01/11/2024 08:33:00 TTC

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC Phosphorus (as P), total	7.41	mg/L	3.00		7723-14-0	04

SM 5210 B-2016 (TCMP Inhibitor) Prepared: 1097760 01/04/2024 Analyzed 1097760 01/09/2024 10:26:46 LR3

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC BOD Carbonaceous	2.09	mg/L	2.00			01

2260827 Weekly Sewage Effluent

Received: 01/03/2024

Non-Potable Water Collected by: Client Texas Parks & Wildli PO: 500817
 Taken: 01/02/2024 13:06:00

Tests run by client

pH: 6.81 S. U. Temp: 11.6°C Date: 1/2/24 Time: 1306 Tech: JC

DO: 9.79 mg/l Temp: 12.4°C Date: 1/2/24 Time: 1306 Tech: JC

CL2: 2.76 mg/l Temp: 12.4°C Date: 1/2/24 Time: 1307 Tech: JC

EPA 350.1 2 Prepared: 1098677 01/10/2024 10:01:28 Analyzed 1098866 01/10/2024 16:49:00 AMB

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC Ammonia Nitrogen	0.110	mg/L	0.020			07



Report Page 6 of 23

TEXA-A

Page 4 of 7

Texas Parks & Wildlife Sulphur Springs
 Tony Smith
 1690 FM 3505
 Sulphur Springs, TX 75482

Project
1086257

Printed: 01/11/2024

2260827 Weekly Sewage Effluent

Received: 01/03/2024

Non-Potable Water Collected by: Client Texas Parks & Wildli PO: 500817
 Taken: 01/02/2024 13:06:00

Tests run by client

pH: 6.81 S. U. Temp: 11.6°C Date: 1/2/24 Time: 1306 Tech: JC

DO: 9.79 mg/l Temp: 12.4°C Date: 1/2/24 Time: 1306 Tech: JC

CL2: 2.76 mg/l Temp: 12.4°C Date: 1/2/24 Time: 1307 Tech: JC

SM 2540 D-2015 Prepared: 1098278 01/05/2024 15:15:00 Analyzed 1098278 01/05/2024 15:15:00 JK1

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC Total Suspended Solids	<2.00	mg/L	2.00			01

SM 5210 B-2016 (TCMP Inhibitor) Prepared: 1097760 01/04/2024 Analyzed 1097760 01/09/2024 10:35:19 LR3

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC BOD Carbonaceous	<2.00	mg/L	2.00	D		01

Sample Preparation

2260614 WW Permit 2023

Received: 01/03/2024

01/02/2024

SM 9223 B (Colilert-18 QT)-2016 Prepared: 1097666 01/03/2024 16:38:00 Analyzed 1097666 01/03/2024 16:38:00 CP1

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC MPN (Colilert-18) Start Non-Pot	STARTED					05

2260628 WW Permit 2023

Received: 01/03/2024

01/02/2024

EPA 350.2, Rev. 2.0 Prepared: 1098035 01/05/2024 09:50:48 Analyzed 1098035 01/05/2024 09:50:48 AMB

Parameter	Results	Units	RL	Flags	CAS	Bottle
NELAC Ammonia Distillation	6/6	ml				04



Report Page 7 of 23



TEXA-A

Page 5 of 7

Texas Parks & Wildlife Sulphur Springs
Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

Project
1086257

Printed: 01/11/2024

2260628 WW Permit 2023

Received: 01/03/2024

500817

01/02/2024

EPA 351.2, Rev 2.0 Prepared: 1098266 01/08/2024 09:40:53 Analyzed 1098266 01/08/2024 09:40:53 SRJ

NELAC TKN Block Digestion 20/20 ml 04

SM 2540 C-2011 Prepared: 1097969 01/05/2024 07:30:00 Analyzed 1097969 01/05/2024 07:30:00 JMB

NELAC Total Dissolved Solids Started Started

SM 2540 D-2011 Prepared: 1097191 01/05/2024 15:15:00 Analyzed 1097191 01/05/2024 15:15:00 JK1

NELAC TSS Set Started Started

SM 5210 B-2016 (TCMP Inhibitor) Prepared: 1097760 01/04/2024 Analyzed 1097760 01/04/2024 07:18:56 L.R3

NELAC BODc Set Started Started

2260827 Weekly Sewage Effluent

Received: 01/03/2024

500817

01/02/2024

Prepared: 01/04/2024 14:45:16 Calculated 01/04/2024 14:45:16 CAL

Sampling/Transport Verified

EPA 350.2, Rev. 2.0 Prepared: 1098677 01/10/2024 10:01:28 Analyzed 1098677 01/10/2024 10:01:28 SRJ

NELAC Ammonia Distillation 6/6 ml 06



Report Page 8 of 23



TEXA-A

Page 6 of 7

Texas Parks & Wildlife Sulphur Springs
Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

Project
1086257

Printed: 01/11/2024

2260827 Weekly Sewage Effluent

Received: 01/03/2024
500817

01/02/2024

SM 2540 D-2011 Prepared: 1097191 01/05/2024 15:15:00 Analyzed 1097191 01/05/2024 15:15:00 JK1

NELAC TSS Set Started

Started

SM 5210 B-2016 (TCMP Inhibitor) Prepared: 1097760 01/04/2024 Analyzed 1097760 01/04/2024 07:18:56 LR3

NELAC BODc Set Started

Started

2260828 Pickup/bottle delivery

Received: 01/03/2024
500817

01/03/2024

Prepared: 01/04/2024 14:45:17 Calculated 01/04/2024 14:45:17 CAL

Sampling/Transport

Verified



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TEXA-A

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Texas Parks & Wildlife Sulphur Springs
Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

Project
1086257

Printed: 01/11/2024

Qualifiers:

D - Duplicate RPD was higher than expected H - Sample started outside recommended holding time

We report results on an As Received (or Wet) basis unless marked Dry Weight

Unless otherwise noted, testing was performed at SPL, Inc. - Kilgore laboratory which holds International, Federal, and state accreditations. Please see our Websites for details

(N)ELAC - Covered in our NELAC scope of accreditation
z -- Not covered by our NELAC scope of accreditation

These analytical results relate to the sample tested. This report may NOT be reproduced EXCEPT in FULL without written approval of SPL Kilgore. Unless otherwise specified, these test results meet the requirements of NELAC.
RL is the Reporting Limit (sample specific quantitation limit) and is at or above the Method Detection Limit (MDL). CAS is Chemical Abstract Service number. RL is our Reporting Limit, or Minimum Quantitation Level. The RL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL), and any dilutions and/or concentrations performed during sample preparation (EOL). Our analytical result must be above this RL before we report a value in the 'Results' column of our report (without a 'J' flag). Otherwise, we report ND (Not Detected above RL), because the result is "<" (less than) the number in the RL column. MAL is Minimum Analytical Level and is typically from regulatory agencies. Unless we report a result in the result column, or interferences prevent it, we work to have our RL at or below the MAL.

Bill Peery, MS, VP Technical Services



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TEXA-A

Texas Parks & Wildlife Sulphur Springs
Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

Project
1086257

Printed 01/11/2024

Analytical Set **1097787**

SM 9223 B (Colilert-18 QT)-2016

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
MPN, Total Coliform, Non-Pot	1097787	<1.0	1.00	1.00	MPN/100mL	125819306

Micro Dup

Parameter	Sample	Type	Result	Unknown	Unit	Range	Criterion
MPN, Total Coliform, Non-Pot	2260566	Duplicate	<10.0	<10.0	MPN/100mL	0	0.7825

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
P. aeruginosa	1097666	<1.0	<1.0	MPN/100ml	-	-	125819302
Standard E. coli	1097666	>2419.6	>2419.6	MPN/100ml	-	-	125819304
Standard K. varicola	1097666	>2419.6	>2419.6	MPN/100ml	-	-	125819303

Analytical Set **1097788**

SM 9223 B (Colilert-18 QT)-2016

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
MPN, E.coli, Col.-18 - Non-Pot	1097788	<1.0	1.00	1.00	MPN/100mL	125819325

Micro Dup

Parameter	Sample	Type	Result	Unknown	Unit	Range	Criterion
MPN, E.coli, Col.-18 - Non-Pot	2260566	Duplicate	<10.0	<10.0	MPN/100mL	0	0.7825

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
P. aeruginosa	1097666	<1.0	<1.0	MPN/100ml	-	-	125819321
Standard E. coli	1097666	>2419.6	>2419.6	MPN/100ml	-	-	125819323
Standard K. varicola	1097666	<1.0	<1.0	MPN/100ml	-	-	125819322

Analytical Set **1097760**

SM 5210 B-2016 (TCMP Inhibitor)

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
BOD Carbonaceous	1097760	0.1	0.200	0.500	mg/L	125818061
BOD Carbonaceous	1097760	0.05	0.200	0.500	mg/L	125818115

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
BOD Carbonaceous	2260398	23.9	22.5	mg/L	6.03	30.0
BOD Carbonaceous	2260603	ND	ND	mg/L		30.0
BOD Carbonaceous	2260827	2.25	ND	mg/L	200 *	30.0
BOD Carbonaceous	2260893	2.17	2.09	mg/L	3.76	30.0

Seed Drop

Parameter	PrepSet	Reading	MDL	MQL	Units	File
BOD Carbonaceous	1097760	0.847	0.200	0.500	mg/L	125818063
BOD Carbonaceous	1097760	0.747	0.200	0.500	mg/L	125818117



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TEXA-A

Texas Parks & Wildlife Sulphur Springs
Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

Project
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Printed 01/11/2024

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
BOD Carbonaceous		211	198	mg/L	107	83.7 - 116	125818064
BOD Carbonaceous		196	198	mg/L	99.0	83.7 - 116	125818118

Analytical Set **1097845**

SM 4500-O G-2016

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Dissolved Oxygen, in Lab	2260628	10.2	10.2	mg/L	0	20.0

Analytical Set **1098721**

EPA 351.2 2

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Kjeldahl Nitrogen	1098266	ND	0.00712	0.050	mg/L	125846153

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Total Kjeldahl Nitrogen	5.18	5.00	mg/L	104	90.0 - 110	125846152
Total Kjeldahl Nitrogen	5.18	5.00	mg/L	104	90.0 - 110	125846161
Total Kjeldahl Nitrogen	5.05	5.00	mg/L	101	90.0 - 110	125846171
Total Kjeldahl Nitrogen	4.96	5.00	mg/L	99.2	90.0 - 110	125846181
Total Kjeldahl Nitrogen	5.13	5.00	mg/L	103	90.0 - 110	125846192
Total Kjeldahl Nitrogen	5.37	5.00	mg/L	107	90.0 - 110	125846198

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Total Kjeldahl Nitrogen	2260809	0.409	0.403	mg/L	1.48	20.0
Total Kjeldahl Nitrogen	2260810	0.095	ND	mg/L	200 *	20.0

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Total Kjeldahl Nitrogen	5.37	5.00	mg/L	107	90.0 - 110	125846151

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Total Kjeldahl Nitrogen	1098266	5.26	5.14	5.00	90.0 - 110	105	103	mg/L	2.31	20.0

Mat. Spike

Parameter	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File
Total Kjeldahl Nitrogen	2260809	5.14	0.403	5.00	mg/L	94.7	80.0 - 120	125846158
Total Kjeldahl Nitrogen	2260810	5.44	ND	5.00	mg/L	109	80.0 - 120	125846162

Analytical Set **1098866**

EPA 350.1 2

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Ammonia Nitrogen	1098035	ND	0.00336	0.020	mg/L	125849361
Ammonia Nitrogen	1098677	ND	0.00336	0.020	mg/L	125849436



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TEXA-A

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Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

Project
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CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Ammonia Nitrogen	2.08	2.00	mg/L	104	90.0 - 110	125849317
Ammonia Nitrogen	2.01	2.00	mg/L	100	90.0 - 110	125849326
Ammonia Nitrogen	2.17	2.00	mg/L	108	90.0 - 110	125849333
Ammonia Nitrogen	2.06	2.00	mg/L	103	90.0 - 110	125849341
Ammonia Nitrogen	2.03	2.00	mg/L	102	90.0 - 110	125849351
Ammonia Nitrogen	2.15	2.00	mg/L	108	90.0 - 110	125849362
Ammonia Nitrogen	2.04	2.00	mg/L	102	90.0 - 110	125849372
Ammonia Nitrogen	2.14	2.00	mg/L	107	90.0 - 110	125849380
Ammonia Nitrogen	2.18	2.00	mg/L	109	90.0 - 110	125849390
Ammonia Nitrogen	2.14	2.00	mg/L	107	90.0 - 110	125849399
Ammonia Nitrogen	2.05	2.00	mg/L	102	90.0 - 110	125849410
Ammonia Nitrogen	2.11	2.00	mg/L	106	90.0 - 110	125849421
Ammonia Nitrogen	2.14	2.00	mg/L	107	90.0 - 110	125849430
Ammonia Nitrogen	2.11	2.00	mg/L	106	90.0 - 110	125849439
Ammonia Nitrogen	2.19	2.00	mg/L	110	90.0 - 110	125849450
Ammonia Nitrogen	2.16	2.00	mg/L	108	90.0 - 110	125849461
Ammonia Nitrogen	2.16	2.00	mg/L	108	90.0 - 110	125849472
Ammonia Nitrogen	2.17	2.00	mg/L	108	90.0 - 110	125849482
Ammonia Nitrogen	2.14	2.00	mg/L	107	90.0 - 110	125849489
Ammonia Nitrogen	2.17	2.00	mg/L	108	90.0 - 110	125849490
Ammonia Nitrogen	2.10	2.00	mg/L	105	90.0 - 110	125849497

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Ammonia Nitrogen	2260655	ND	ND	mg/L		20.0
Ammonia Nitrogen	2260683	ND	ND	mg/L		20.0
Ammonia Nitrogen	2261819	ND	0.013	mg/L	200 *	20.0
Ammonia Nitrogen	2262113	0.042	0.034	mg/L	21.1 *	20.0

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Ammonia Nitrogen	2.15	2.00	mg/L	108	90.0 - 110	125849316

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Ammonia Nitrogen	1098035	2.16	2.06	2.00	90.0 - 110	108	103	mg/L	4.74	20.0
Ammonia Nitrogen	1098677	2.07	2.18	2.00	90.0 - 110	104	109	mg/L	5.18	20.0

Mat. Spike

Parameter	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File
Ammonia Nitrogen	2260655	2.16	ND	2.00	mg/L	108	80.0 - 120	125849367
Ammonia Nitrogen	2260683	2.16	ND	2.00	mg/L	108	80.0 - 120	125849370
Ammonia Nitrogen	2261819	2.19	0.013	2.00	mg/L	110	80.0 - 120	125849442
Ammonia Nitrogen	2262113	2.14	0.034	2.00	mg/L	105	80.0 - 120	125849445

Analytical Set

1098278

SM 2540 D-2015



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TEXA-A

Texas Parks & Wildlife Sulphur Springs
Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

Project
1086257

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Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Suspended Solids	1098278	ND	2	2	mg/L	125834377

ControlBlk

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Suspended Solids	1098278	-0.0004			grams	125834376

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Total Suspended Solids	2260795	106	108	mg/L	1.87	20.0
Total Suspended Solids	2260797	127	108	mg/L	16.2	20.0
Total Suspended Solids	2261023	800	784	mg/L	2.02	20.0

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File
Total Suspended Solids	1098278	45.0	50.0	mg/L	90.0	90.0 - 110	125834410

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
Total Suspended Solids		90.0	100	mg/L	90.0	90.0 - 110	125834409

Analytical Set

1098302

SM 2540 C-2015

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Dissolved Solids	1098302	ND	5.00	5.00	mg/L	125834610

ControlBlk

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Total Dissolved Solids	1098302	0			grams	125834597

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Total Dissolved Solids	2260489	4190	4310	mg/L	2.82	20.0

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File
Total Dissolved Solids	1098302	200	200	mg/L	100	85.0 - 115	125834611

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
Total Dissolved Solids		102	100	mg/L	102	90.0 - 110	125834598

Analytical Set

1098668

EPA 1664B (HEM)

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Oil and Grease (HEM)	1098668	ND	0.804	4.00	mg/L	125844947

ControlBlk

Parameter	PrepSet	Reading	MDL	MQL	Units	File



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TEXA-A

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Sulphur Springs, TX 75482

Project
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Printed 01/11/2024

ControlBlk

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Oil and Grease (HEM)	1098668	0			grams	125844946
Oil and Grease (HEM)	1098668	0			grams	125844971

LCS

Parameter	PrepSet	Reading	Known	Units	Recover%	Limits	File
Oil and Grease (HEM)	1098668	34.0	40.0	mg/L	85.0	78.0 - 114	125844948

MS

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Oil and Grease (HEM)	2261976	28.6	0	1.10	40.0	78.0 - 114	71.5 *		mg/L		20.0

Analytical Set

1098102

EPA 300.0 2.1

AWRL/LOQ C

Parameter	Reading	Known	Units	Recover%	Limits%	File
Nitrate-Nitrogen Total	0.0235	0.0226	mg/L	104	70.0 - 130	125827729

Blank

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Chloride	1098102	ND	0.0972	0.300	mg/L	125827700
Nitrate-Nitrogen Total	1098102	ND	0.00745	0.0226	mg/L	125827700
Sulfate	1098102	0.290	0.254	0.300	mg/L	125827700

CCB

Parameter	PrepSet	Reading	MDL	MQL	Units	File
Chloride	1098102	-0.003	0.0972	0.300	mg/L	125827696
Chloride	1098102	-0.004	0.0972	0.300	mg/L	125827716
Chloride	1098102	-0.007	0.0972	0.300	mg/L	125827728
Nitrate-Nitrogen Total	1098102	0	0.00745	0.0226	mg/L	125827696
Nitrate-Nitrogen Total	1098102	0	0.00745	0.0226	mg/L	125827716
Nitrate-Nitrogen Total	1098102	-0.0219	0.00745	0.0226	mg/L	125827728
Sulfate	1098102	0	0.254	0.300	mg/L	125827696
Sulfate	1098102	0	0.254	0.300	mg/L	125827716
Sulfate	1098102	0	0.254	0.300	mg/L	125827728

CCV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Chloride	10.2	10.0	mg/L	102	90.0 - 110	125827697
Chloride	10.3	10.0	mg/L	103	90.0 - 110	125827715
Chloride	10.1	10.0	mg/L	101	90.0 - 110	125827727
Nitrate-Nitrogen Total	2.27	2.26	mg/L	100	90.0 - 110	125827697
Nitrate-Nitrogen Total	2.28	2.26	mg/L	101	90.0 - 110	125827715
Nitrate-Nitrogen Total	2.28	2.26	mg/L	101	90.0 - 110	125827727
Sulfate	9.78	10.0	mg/L	97.8	90.0 - 110	125827697
Sulfate	9.29	10.0	mg/L	92.9	90.0 - 110	125827715
Sulfate	9.27	10.0	mg/L	92.7	90.0 - 110	125827727



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TEXA-A

Texas Parks & Wildlife Sulphur Springs
Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

Project
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Printed 01/11/2024

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Chloride	1098102	5.12	5.08	5.00	85.0 - 115	102	102	mg/L	0.784	20.0
Nitrate-Nitrogen Total	1098102	1.19	1.18	1.13	88.0 - 116	105	104	mg/L	0.844	20.0
Sulfate	1098102	4.64	4.63	5.00	85.0 - 115	92.8	92.6	mg/L	0.216	20.0

MSD

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Chloride	2259715	380	388	284	100	80.0 - 120	96.0	104	mg/L	8.00	20.0
Nitrate-Nitrogen Total	2259715	48.8	48.7	24.8	22.6	80.0 - 120	106	106	mg/L	0.418	20.0
Sulfate	2259715	242	240	149	100	80.0 - 120	93.0	91.0	mg/L	2.17	20.0
Chloride	2259792	496	498	389	100	80.0 - 120	107	109	mg/L	1.85	20.0
Nitrate-Nitrogen Total	2259792	35.5	35.8	11.3	22.6	80.0 - 120	107	108	mg/L	1.23	20.0
Sulfate	2259792	215	216	117	100	80.0 - 120	98.0	99.0	mg/L	1.02	20.0

Analytical Set **1097781**

SM 4500-CI F-2011

Blank

Parameter	PrepSet	Reading	MDL	MDL	Units	File
Cl2 Residual, Total(Lab) Titration	1097781	ND	0.100	0.100	mg/L	125819268

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Cl2 Residual, Total(Lab) Titration	2260034	ND	ND	mg/L		20.0

Analytical Set **1097982**

SM 2510 B-2011

AWRL/LOQ C

Parameter	Reading	Known	Units	Recover%	Limits%	File
Lab Spec. Conductance at 25 C	0.918	0.860	umhos/cm	107	70.0 - 130	125823045

Blank

Parameter	PrepSet	Reading	MDL	MDL	Units	File
Lab Spec. Conductance at 25 C	1097982	0.902			umhos/cm	125823042

Duplicate

Parameter	Sample	Result	Unknown	Unit	RPD	Limit%
Lab Spec. Conductance at 25 C	2260438	865	888	umhos/cm	2.62	20.0

ICV

Parameter	Reading	Known	Units	Recover%	Limits%	File
Lab Spec. Conductance at 25 C	12000	12900	umhos/cm	93.0	90.0 - 110	125823046

Standard

Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
Lab Spec. Conductance at 25 C	1097982	1430	1410	umhos/cm	101	90.0 - 110	125823043
Lab Spec. Conductance at 25 C	1097982	103	100	umhos/cm	103	90.0 - 110	125823044
Lab Spec. Conductance at 25 C	1097982	1430	1410	umhos/cm	101	90.0 - 110	125823052

Analytical Set **1097984**

SM 4500-H+ B-2011



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TEXA-A

Texas Parks & Wildlife Sulphur Springs
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Sulphur Springs, TX 75482

Project
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Duplicate							
Parameter	Sample	Result	Unknown		Unit	RPD	Limit%
Laboratory pH WW	2260567	7.30	7.30		SU	0	20.0
Standard							
Parameter	Sample	Reading	Known	Units	Recover%	Limits%	File
Laboratory pH WW	1097984	7.02	7.00	SU	100	90.0 - 110	125823088
Laboratory pH WW	1097984	4.00	4.00	SU	100	90.0 - 110	125823089
Laboratory pH WW	1097984	10.0	10.0	SU	100	90.0 - 110	125823090
Laboratory pH WW	1097984	5.97	6.00	SU	99.5	90.0 - 110	125823091
Laboratory pH WW	1097984	7.95	8.00	SU	99.4	90.0 - 110	125823092
Laboratory pH WW	1097984	6.00	6.00	SU	100	90.0 - 110	125823104
Laboratory pH WW	1097984	7.96	8.00	SU	99.5	90.0 - 110	125823105

Analytical Set 1098409

SM 2320 B-2011

Blank								
Parameter	PrepSet	Reading	MDL	MQL	Units		File	
Total Alkalinity (as CaCO3)	1098409	ND	1.00	1.00	mg/L		125836595	
CCV								
Parameter		Reading	Known	Units	Recover%	Limits%	File	
Total Alkalinity (as CaCO3)		25.2	25.0	mg/L	101	90.0 - 110	125836594	
Total Alkalinity (as CaCO3)		26.6	25.0	mg/L	106	90.0 - 110	125836606	
Total Alkalinity (as CaCO3)		27.1	25.0	mg/L	108	90.0 - 110	125836619	
Duplicate								
Parameter	Sample	Result	Unknown		Unit	RPD	Limit%	
Total Alkalinity (as CaCO3)	2259542	106	106		mg/L	0	20.0	
Total Alkalinity (as CaCO3)	2260434	112	110		mg/L	1.80	20.0	
ICV								
Parameter		Reading	Known	Units	Recover%	Limits%	File	
Total Alkalinity (as CaCO3)		25.7	25.0	mg/L	103	90.0 - 110	125836593	
Mat. Spike								
Parameter	Sample	Spike	Unknown	Known	Units	Recovery %	Limits %	File
Total Alkalinity (as CaCO3)	2259542	125	106	25.0	mg/L	76.0	70.0 - 130	125836598
Total Alkalinity (as CaCO3)	2260434	136	110	25.0	mg/L	104	70.0 - 130	125836609

Analytical Set 1098996

SM 4500-P E-2011

Blank							
Parameter	PrepSet	Reading	MDL	MQL	Units		File
Phosphorus (as P), total	1098996	ND	0.010	0.030	mg/L		125853771
CCV							
Parameter		Reading	Known	Units	Recover%	Limits%	File
Phosphorus (as P), total		0.305	0.300	mg/L	102	90.0 - 110	125853772
Phosphorus (as P), total		0.301	0.300	mg/L	100	90.0 - 110	125853787
Phosphorus (as P), total		0.306	0.300	mg/L	102	90.0 - 110	125853800



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TEXA-A

Texas Parks & Wildlife Sulphur Springs
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Sulphur Springs, TX 75482

Project
1086257

Printed 01/11/2024

LCS Dup

Parameter	PrepSet	LCS	LCSD	Known	Limits%	LCS%	LCSD%	Units	RPD	Limit%
Phosphorus (as P), total	1098996	0.294	0.294	0.300	80.0 - 120	98.0	98.0	mg/L	0	20.0

MSD

Parameter	Sample	MS	MSD	UNK	Known	Limits	MS%	MSD%	Units	RPD	Limit%
Phosphorus (as P), total	2260886	0.225	0.223	0.0923	0.150	70.0 - 130	88.5	87.1	mg/L	1.52	20.0
Phosphorus (as P), total	2261129	0.257	0.260	0.112	0.150	70.0 - 130	96.7	98.7	mg/L	2.05	20.0

* Out RPD is Relative Percent Difference: $\text{abs}(r1-r2) / \text{mean}(r1,r2) * 100\%$

Recover% is Recovery Percent: $\text{result} / \text{known} * 100\%$

Blank - Method Blank (reagent water or other blank matrices that contains all reagents except standard(s) and is processed simultaneously with and under the same conditions as samples; carried through preparation and analytical procedures exactly like a sample; monitors); ICV - Initial Calibration Verification, AWRL/LOQ C - Ambient

Water Reporting Limit/LOQ Check Std; CCB - Continuing Calibration Blank, CCV - Continuing Calibration Verification (same standard used to prepare the curve; typically a mid-range concentration; verifies the continued validity of the calibration curve); MSD - Matrix Spike Duplicate (replicate of the matrix spike; same solution and amount of target analyte added to the MS is added to a third aliquot of sample; quantifies matrix bias and precision.); LCS Dup - Laboratory Control Sample Duplicate (replicate LCS; analyzed when there is insufficient sample for duplicate or MSD; quantifies accuracy and precision.); LCS - Laboratory Control Sample (reagent water or other blank matrices that is spiked with a known quantity of target analyte(s) and carried through preparation and analytical procedures exactly like a sample; typically a mid-range concentration; verifies that bias and precision of the analytical process are within control limits; determines usability of the data.); MS - Matrix Spike (same solution and amount of target analyte added to the LCS is added to a second aliquot of sample; quantifies matrix bias.)



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CHAIN OF CUSTODY

Texas Parks & Wildlife/Sulphur Springs
Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

TEXA-A
SE

Date	Time	Relinquished	Received
1/3/24	1130	John Campbell CKSP TPWD John Campbell	Ben Word SPL
1-3-24	1550	Ben Word SPL	Rayshawn Thompson SPL, Inc.

Sample Received on Ice? ☒ ☐
Cooler/Sample Secure? ☒ ☐ If Shipped: Tracking Number & Temp - See Attached

Comments

01/03/2024 1617 RDT
Temp: 4.3 / 4.2 C
Therm#: 8443 Corr Fact: -0.1 C



1086257 CoC Print Group 001 of 001

ANA LAB

Testing the Limits of Science and Service

CHAIN OF CUSTODY

Texas Parks & Wildlife-Sulphur Springs
Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

TEXA-A
SE

Lab Number 2260827
PO Number _____

Weekly Sewage Effluent

Tests run by client:

pH 6.81 S O Temp 11.6 Date 1/2/24 Time 13:06
Tech J. Campbell
DO 9.79 mg/l Temp 12.4 Date 1/2/24 Time 13:06
Tech J. Campbell
CL2 2.76 mg/l Temp 12.4 Date 1/2/24 Time 13:07
Tech J. Campbell
Matrix Non-Potable Water

Sample Collection Start

Date 1/2/24 Time 13:06
Sampler Printed Name: John Campbell
Sampler Affiliation: CASP TPWD
Sampler Signature: John Campbell

Samples Radioactive? ☐ Samples Contains Dioxin? ☐ Samples Biological Hazard? ☐

☐ Z -- No bottle required

PuCh Sampling/Transport

☐ H2SO4 to pH <2 250 ml Polyethylene

NH4N Ammonia Nitrogen EPA 180.1-2 (28.0 days)

☐ Polyethylene 1/2 gal (White)

Short Hold BOD5 BOD Carbonaceous SM 5210 B-2016 (TC/MP Inhibition) (2.00 days)

TSS Total Suspended Solids SM 2540 D-2015 (7.00 days)

Ammonia Nitrogen (NH4N)



1086257 CoC Print Group 001 of 001

2600 Dudley Rd, Kilgore, Texas 75662
 24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
 Office: 903-984-0551 * Fax: 903-984-5914



CHAIN OF CUSTODY

Printed 12-04-2023 Page 1 of 2

Texas Parks & Wildlife Sulphur Springs
 Tony Smith
 1690 FM 3505
 Sulphur Springs, TX 75482

TEXA-A
 103

Lab Number 2260614 +
2260628 500817
 PO Number
 Phone 903-243-3728

WW Permit 2023

☐ Hand Delivered by Client to Region or LAB

Matrix: Non-Potable Water

Sample Collection Start

Date: 1/2/24 Time: 13:00

Sampler Printed Name: John Campbell

Sampler Affiliation: CLSP TPWD

Sampler Signature: John Campbell

Samples Radioactive? ☐

Samples Contains Dioxin? ☐

Samples Biological Hazard? ☐

2/3/24 ☒ Na2S2O3 (0.008%) Polystyrene-100 mL Sterilized

09:30 Short Hold

MPNW MPN, E.coli, Col-18 - Non-Pot

SM 9223 B (Colilert-18 QT)-2016 (0.333 days)

☒ H2SO4 to pH <2 GIQt w/Tef-lined lid

NELAC

HEM

Oil and Grease (HEM)

EPA 1664B (HEM) (28.0 days)

☒ H2SO4 to pH <2 250 ml Polyethylene

NELAC

NH4N

Ammonia Nitrogen

EPA 350.1-2 (28.0 days)

NELAC

TKN

Total Kjeldahl Nitrogen

EPA 351.2-2 CAS:7727-37-9 (28.0 days)

NELAC

TPWB

Phosphorus (as P), total

SM 4500-P-E-2011 CAS:7723-14-0 (28.0 days)

☒ Polyethylene 1/2 gal (White)

NELAC

Short Hold

BODc

BOD Carbonaceous

SM 5210 B-2016 (TCMP Inhibitor) (2.00 days)

NELAC

TSS

Total Suspended Solids

SM 2540 D-2015 (7.00 days)

☒ Polyethylene Quart

NELAC

ICL

Chloride

EPA 300.0-2.1 (28.0 days)

NELAC

Short Hold

IN3L

Nitrate-Nitrogen Total

EPA 300.0-2.1 CAS:14797-55-8 (2.00 days)

NELAC

IS4L

Sulfate

EPA 300.0-2.1 (28.0 days)



Corporate: 2600 Dudley Road Kilgore, TX 75662 Report Page 21 of 23

1086257 CoC Print Group 001 of 001

2600 Dudley Rd., Kilgore, Texas 75662
24 Waterway Avenue, Suite 375 The Woodlands, TX 77380
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CHAIN OF CUSTODY

Printed 12/04/2023

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Texas Parks & Wildlife Sulphur Springs
Tony Smith
1690 FM 3505
Sulphur Springs, TX 75482

TEXA-A
103

NEAAC	AlkT	Total Alkalinity (as CaCO ₃)	SM 2320 B-2011 (14.0 days)
NEAAC Short Hold	Cl2L	Cl2 Residual, Total (Lab) Titration	SM 4500-Cl F-2011 (2.00 days)
NEAAC	CONL	Lab Spec. Conductance at 25 C	SM 2510 B-2011 (28.0 days)
NEAAC Short Hold	DOL	Dissolved Oxygen, in Lab	SM 4500-O G-2016 (1.00 days)
NEAAC Short Hold	pHWW	Laboratory pH WW	SM 4500-H+ B-2011 (0.0104 days)
NEAAC	TDS	Total Dissolved Solids	SM 2540 C-2015 (7.00 days)

Ambient Conditions Comments

Date	Time	Relinquished	Received
1/3/24	1130	Printed Name: John Campbell Signature: John Campbell Affiliation: CLSP TPWD	Printed Name: Ben Word Signature: Ben Word Affiliation: SPL
1-3-24	1550	Printed Name: Ben Word Signature: Ben Word Affiliation: SPL	Printed Name: Rayshawn Thompson Signature: Rayshawn Thompson Affiliation: SPL
		Printed Name: _____ Signature: _____ Affiliation: _____	Printed Name: _____ Signature: _____ Affiliation: _____
		Printed Name: _____ Signature: _____ Affiliation: _____	Printed Name: _____ Signature: _____ Affiliation: _____

Sample Received on Ice? ☒ Yes ☐ No
Cooler/Sample Secure? ☒ Yes ☐ No
If Shipped: Tracking Number & Temp - See Attached

The accredited column designates accreditation by A - A2LA, N - NEAAC, or L - not listed under scope of accreditation. Unless otherwise specified, A2LA/AB shall provide these ordered services pursuant to our Standard Terms & Conditions Agreement (available for download from the welcome page at: <http://www.a2la-lab.com>). A2LA/AB personnel collect samples as specified by A2LA/AB SOP #0000227.

Comments

1/3
Date: 1/3/24 Time: 11:15 AM Tech: RT
Temp: 4.3 / 4.2 C
Therm#: 6443 Corr Fact: -0.1 C



1086257 CoC Print Group 001 of 001



2269828

TRIP TICKET

DATE: 1.3.24CLIENT CODE: TEXA☐ SAMPLING ☒ PICKUP ONLY

TIME:

Beginning: _____ Ending: _____

TOTAL: _____ x Rate (_____/Mile) = _____

MILEAGE:

Beginning: _____ Ending: _____

TOTAL: _____ x Rate (_____/Mile) = _____

TOTAL TO BILL:

\$ 65.00

NOTES/OTHER:

103 , SE

SAMPLERS NAME:

Ben Worsham ABW