



Technical Package Cover Page

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Plain Language Summary

Mildred Independent School District (CN600788772) operates Mildred ISD wastewater treatment facility (RN101512051), a wastewater treatment facility and disposal site. The facility is located at 5475 S. Highway 287, in Corsicana, Navarro County, Texas 75109. Mildred ISD is applying for a renewal of TCEQ Permit WQ0011646001. This permit will not authorize a discharge of pollutants into waters of the state.

Discharges from the facility are expected to contain nonhazardous treated domestic wastewater not to exceed a daily average flow of 20,000 gallons per day via surface irrigation. No discharge of treated wastewater occurs at the facility. Wastewater is treated by onsite stabilization ponds. Treated wastewater is applied to 20 acres of non-public access pastureland for irrigation.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0011646001

APPLICATION. Mildred Independent School District, 5475 South U.S. Highway 287, Corsicana, Texas 75109, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0011646001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 20,000 gallons per day via surface irrigation of 20 acres of non-public access pastureland. The domestic wastewater treatment facility and disposal area are located at 5475 South U.S. Highway 287, near the city of Corsicana, in Navarro County, Texas 75109. TCEQ received this application on January 31, 2025. The permit application will be available for viewing and copying at Mildred Independent School District, Business Office, 5475 South U.S. Highway 287, Corsicana, in Navarro County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.38099,32.040152&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 Mildred Independent School District at the address stated above or by calling Mr. Chris Whorton, Superintendent, at 903-872-6505.

Issuance Date: March 6, 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF APPLICATION AND PRELIMINARY DECISION FOR WATER QUALITY LAND APPLICATION PERMIT FOR MUNICIPAL WASTEWATER

RENEWAL

PERMIT NO. WQ0011646001

APPLICATION AND PRELIMINARY DECISION. Mildred Independent School District, 5475 South U.S. Highway 287, Corsicana, Texas 75109, has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of TCEQ Permit No. WQ0011646001 which authorizes the disposal of treated domestic wastewater at a daily average flow not to exceed 20,000 gallons per day via surface irrigation of 20 acres of non-public access pasture land. This permit will not authorize a discharge of pollutants into water in the state. TCEQ received this application on January 31, 2025.

The wastewater treatment facility and disposal site are located at 5475 South Highway 287, near the City of Corsicana, Navarro County, Texas 75109. The wastewater treatment facility and disposal site are located in the drainage basin of Richland-Chamber Reservoir in Segment No. 0836 of the Trinity River Basin. 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=-96.38099,32.040152&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 Mildred Independent School District, Business Office, 5475 South U.S. Highway 287, Corsicana, in Navarro County, Texas. The application, including any updates, and associated notices are available electronically at the following webpage:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications>

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

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

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

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

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. **If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period. TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.**

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

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

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

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

AGENCY CONTACTS AND INFORMATION. Public comments and requests must be submitted either electronically at www.tceq.texas.gov/goto/comment, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC 105, P.O. Box 13087, Austin, Texas 78711-3087. Any personal information you submit to the TCEQ will become part of the agency's record; this includes email addresses. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Mildred Independent School District at the address stated above or by calling Mr. Chris Whorton, Superintendent, at 903-872-6505.

Issuance Date: May 15, 2025



PERMIT NO. WQ0011646001

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

This is a renewal of Permit No.
WQ0011646001 issued on
September 13, 2016.

PERMIT TO DISCHARGE WASTES
under provisions of Chapter 26
of the Texas Water Code

Mildred Independent School District

whose mailing address is

5475 South U.S. Highway 287
Corsicana, Texas 75109

Nature of Business Producing Waste: Domestic wastewater treatment operation, SIC Code 8211.

General Description and Location of Waste Disposal System:

Description: The Mildred Independent School District Wastewater Treatment Facility consists of a pond system. Treatment units include a facultative lagoon with a surface area of 0.5 acres and volume of 4.2 acre-feet and two stabilization ponds with a surface area of 0.87 acres and total volume of 3.48 acre-feet. The permittee is authorized to dispose of treated domestic wastewater effluent at a daily average flow not to exceed 0.020 million gallons per day (MGD) via surface irrigation of 20 acres of non-public access pasture land. The facility includes two stabilization ponds with a total surface area of 0.87 acres and total capacity of 3.48 acre-feet for storage of treated effluent prior to irrigation. Application rates to the irrigated land shall not exceed 1.12 acre-feet per year per acre irrigated. The permittee will maintain native grasses and mesquite trees on the disposal site.

Location: The wastewater treatment facility and disposal site are located at 5475 South Highway 287, near the City of Corsicana, Navarro County, Texas 75109. (See Attachment A.)

Drainage Area: The wastewater treatment facility and disposal site are located in the drainage basin of Richland-Chamber Reservoir in Segment No. 0836 of the Trinity River Basin. No discharge of pollutants into water in the state is authorized by this permit.

This permit and the authorization contained herein shall expire at midnight, **ten years from the date of issuance.**

ISSUED DATE:

For the Commission

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Conditions of the Permit: No discharge of pollutants into water in the state is authorized.

A. Effluent Limitations

Character: Treated Domestic Sewage Effluent

Volume: Daily Average Flow – 0.020 MGD from the treatment system

Quality: The following effluent limitations are required:

| <u>Parameter</u> | <u>Effluent Concentrations</u> | |
|-----------------------------------|-----------------------------------|---------------------------------|
| | (Not to Exceed) | |
| | <u>Daily Average mg/l</u> | <u>Single Grab mg/l</u> |
| Biochemical Oxygen Demand (5-day) | N/A | 65 |
| Total Suspended Solids | N/A | 65 |

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units.

Disinfection shall be accomplished by the retention time of the wastewater treatment system, which shall be 21 days at the flow rate of 20,000 gallons per day.

B. Monitoring Requirements:

| <u>Parameter</u> | <u>Monitoring Frequency*</u> | <u>Sample Type</u> |
|-----------------------------------|------------------------------|--------------------|
| Flow | Five/week | Instantaneous |
| Biochemical Oxygen Demand (5-day) | One/month | Grab |
| Total Suspended Solids | One/month | Grab |
| pH | One/month | Grab |

The monitoring shall be done after the final treatment unit and prior to storage of the treated effluent. If the effluent is land applied directly from the treatment system, monitoring shall be done after the final treatment unit and prior to land application.* These records shall be maintained on a monthly basis and be available at the plant site for inspection by authorized representatives of the Commission for at least three years.

*Monitoring for BOD₅, TSS, and pH is only required when effluent is land applied.

STANDARD PERMIT CONDITIONS

This permit is granted in accordance with the Texas Water Code and the rules and other Orders of the Commission and the laws of the State of Texas.

DEFINITIONS

All definitions in Section 26.001 of the Texas Water Code 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. 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.
- b. 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 a 1 million gallons per day or greater permitted flow.
- c. Instantaneous flow - the measured flow during the minimum time required to interpret the flow measuring device.

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.

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 which 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 REQUIREMENTS

1. Monitoring Requirements

Monitoring results shall be collected 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 in accordance with 30 TAC §§ 319.4 - 319.12.

As provided by state law, the permittee is subject to administrative, civil and criminal penalties, as applicable, for negligently or knowingly violating the Texas Water Code, Chapters 26, 27, and 28, and Texas Health and Safety Code, Chapter 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, records 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 Chapter 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, monitoring and reporting records, including strip charts and records of calibration and maintenance, copies of all records required by this permit, and records of all data used to complete the application for this permit 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, or application. 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 determining compliance with permit requirements.

5. Calibration of Instruments

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

6. Compliance Schedule Reports

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of the permit shall be submitted no later than 14 days following each schedule date to the Regional Office and the Enforcement Division (MC 224).

7. Noncompliance Notification

- a. In accordance with 30 TAC § 305.125(9), any noncompliance which may endanger human health or safety, or the environment shall be reported by the permittee to the TCEQ. Except as allowed by 30 TAC § 305.132, report of such information shall be provided orally or by facsimile transmission (FAX) to the Regional Office within 24 hours of becoming aware of the noncompliance. A written submission of such information shall also be provided by the permittee to the Regional Office and the Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. 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 which exceeds any effluent limitation in the permit.
- c. In addition to the above, any effluent violation which deviates from the permitted effluent limitation by more than 40% shall be reported by the permittee in writing to the Regional Office and the Enforcement Division (MC 224) within 5 working days of becoming aware of the noncompliance.
- d. Any noncompliance other than that specified in this section, or any required information not submitted or submitted incorrectly, shall be reported to the Enforcement Division (MC 224) as promptly as possible.

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

9. Changes in Discharges of Toxic Substances

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

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

- i. One hundred micrograms per liter (100 µg/L);
 - ii. Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - iii. Five (5) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. The level established by the TCEQ.
- b. That any activity has occurred or will occur which would result in any discharge, on a nonroutine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following “notification levels”:
- i. Five hundred micrograms per liter (500 µg/L);
 - ii. One milligram per liter (1 mg/L) for antimony;
 - iii. Ten (10) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. The level established by the TCEQ.

10. Signatories to Reports

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

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 which 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 Texas Water Code Section 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 Special Provisions section of this permit.
 - h. The permittee is subject to administrative, civil, and criminal penalties, as applicable, under Texas Water Code §§ 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).
3. Inspections and Entry
 - a. Inspection and entry shall be allowed as prescribed in the Texas Water Code Chapters 26, 27, and 28, and Texas Health and Safety Code Chapter 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 Texas Water Code Section 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 could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements in Monitoring and Reporting Requirements No. 9;
 - ii. 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 Texas Water Code § 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.

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 which requires a permit or other authorization pursuant to the Texas Health and Safety Code.

7. Property Rights

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

8. 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.

9. 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.

10. 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 Texas Water Code § 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 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 which 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 percent 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 percent 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 percent 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 judgement 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. Facilities which 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 Remediation 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 Chapter 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.

- 11. For industrial facilities to which the requirements of 30 TAC Chapter 335 do not apply, sludge and solid wastes, including tank cleaning and contaminated solids for disposal, shall be disposed of in accordance with Chapter 361 of the Texas Health and Safety Code.

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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 or biosolids supplies the sewage sludge or biosolids 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 or biosolids 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 prior to sludge disposal 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 4) within seven (7) days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped, and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P.O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 4) and the Enforcement Division (MC 224).

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

TABLE 1

| <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 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. Sewage sludge shall be injected below the surface of the land.
 - ii. No significant amount of the sewage sludge shall be present on the land surface within one hour after the sewage sludge is 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 sewage sludge 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 | - prior to sludge disposal |
| PCBs | - prior to sludge disposal |

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, 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 sewage sludge or biosolids enters a wetland or other waters in the State.
2. Bulk sewage sludge 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 Class A or AB 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 sewage sludge 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 or biosolids treatment activities.
 - b. The location, by street address, and specific latitude and longitude, of each site on which sludge or biosolids are applied.
 - c. The number of acres in each site on which bulk sludge or biosolids are applied.
 - d. The date and time sludge or 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 sludge applied to each site in dry tons.

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

F. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 4) and the Enforcement Division (MC 224).

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, or sewage sludge for disposal at a monofill) and whether the material is ultimately conveyed off-site in bulk or in bags.
3. Results of tests performed for pollutants found in either Table 2 or 3 as appropriate for the permittee's land application practices.
4. The frequency of monitoring listed in Section I.C. that applies to the permittee.
5. Toxicity Characteristic Leaching Procedure (TCLP) results.
6. PCB concentration in sludge or biosolids in mg/kg.
7. Identity of hauler(s) and TCEQ transporter number.
8. Date(s) of transport.
9. Texas Commission on Environmental Quality registration number, if applicable.
10. Amount of sludge or biosolids disposal dry weight (lbs/acre) at each disposal site.
11. The concentration (mg/kg) in the sludge or biosolids 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 meet 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 prior to sludge disposal 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 4) 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 4) and the Enforcement Division (MC 224), by September 30th of each year.

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

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

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

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

G. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 4) and the Enforcement Division (MC224).

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. Toxicity Characteristic Leaching Procedure (TCLP) results.
3. Annual sludge or biosolids production in dry tons/year.
4. Amount of sludge or biosolids disposed in a municipal solid waste landfill in dry tons/year.
5. Amount of sludge or biosolids transported interstate in dry tons/year.
6. A certification that the sewage sludge or biosolids meets the requirements of 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.
7. Identity of hauler(s) and transporter registration number.
8. Owner of disposal site(s).
9. Location of disposal site(s).
10. Date(s) of disposal.

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

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

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

A. General Requirements

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

B. Record Keeping Requirements

1. For sludge or biosolids transported by an approved pipeline, the permittee must maintain records of the following:
 - a. the amount of sludge or biosolids transported;
 - b. the date of transport;
 - c. the name and TCEQ permit number of the receiving facility or facilities;
 - d. the location of the receiving facility or facilities;
 - e. the name and TCEQ permit number of the facility that generated the waste; and
 - f. copy of the written agreement between the permittee and the receiving facility to accept sludge or biosolids.
2. For sludge or biosolids transported by a registered transporter, the permittee must maintain records of the completed trip tickets in accordance with 30 TAC § 312.145(a)(1)-(7) and amount of sludge or biosolids transported.
3. The above records shall be maintained on-site on a monthly basis and shall be made available to the TCEQ upon request. These records shall be retained for at least five years.

C. Reporting Requirements

The permittee shall submit the following information in an annual report to the TCEQ by September 30th of each year. The permittee must submit this annual report using the online electronic reporting system available through TCEQ's website. If the permittee requests and obtains an electronic reporting waiver, the annual report can be submitted in hard copy to the TCEQ Regional Office (MC Region 4) and the Enforcement Division (MC 224).

1. Identify in the following categories (as applicable) the sewage sludge or biosolids treatment process or processes at the facility: preliminary operations (e.g., sludge or biosolids grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. the annual sludge or biosolids production;
3. the amount of sludge or biosolids transported;
4. the owner of each receiving facility;
5. the location of each receiving facility; and
6. the date(s) of disposal at each receiving facility.

TCEQ Revision 06/2020

SPECIAL PROVISIONS:

1. This permit is 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 this permit in accordance with applicable procedural requirements to require the system covered by this permit to be integrated into an area-wide system, if an area-wide system is developed; to require the delivery of the wastes authorized to be collected in, treated by, or discharged from the system, to an 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.
2. 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 D facility must be operated by a chief operator or an operator holding a Class D 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 which 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.

3. The permittee shall maintain and operate the treatment facility in order to achieve optimum efficiency of treatment capability. This shall include required monitoring of effluent flow and quality as well as appropriate grounds and building maintenance.
4. The irrigated crops include native grasses and mesquite trees. Application rates to the irrigated land shall not exceed 1.12 acre-feet/acre/year. The permittee is responsible for providing equipment to determine application rates and maintaining accurate records of the volume of effluent applied. These records shall be made available for review by the Texas Commission on Environmental Quality and shall be maintained for at least three years.
5. Irrigation practices shall be designed and managed as to prevent ponding of effluent or contamination of ground and surface waters and to prevent the occurrence of nuisance conditions in the area. To promote effluent and nutrient uptake by the crop, and to prevent pathways for effluent surfacing, native grasses and mesquite trees shall be established and well maintained in the irrigation area

throughout the year. Tailwater control facilities shall be provided as necessary to prevent the discharge of any effluent from the irrigated land.

6. Effluent shall not be applied for irrigation during rainfall events or when the ground is frozen or saturated.
7. For any area where treated effluent is stored or where there exist hose bibs or faucets, the permittee shall erect adequate signs stating that the irrigation water is from a non-potable water supply. Signs shall consist of a red slash superimposed over the international symbol for drinking water accompanied by the message "DO NOT DRINK THE WATER" in both English and Spanish. All piping transporting the effluent shall be clearly marked with these same signs.
8. Spray fixtures for the irrigation system shall be of such design that they cannot be operated by unauthorized personnel.
9. The permittee shall maintain a long-term contract with the owner(s) of the land application site which is authorized for use in this permit, or own the land authorized for land application of treated effluent.
10. The permittee shall obtain representative soil samples from the root zones of the land application area receiving wastewater. Composite sampling techniques shall be used. Each composite sample shall represent no more than 20 acres, with no less than 10 to 15 subsamples representing each composite sample. Subsamples shall be composited by like sampling depth and soil type for analysis and reporting. Soil types are soils that have like topsoil or plow layer textures. These soils shall be sampled individually from 0 to 6 inches, 6 inches to 18 inches, and 18 inches to 30 inches below ground level. The permittee shall sample soils in December to February of each year. Soil samples shall be analyzed within 30 days of sample collection.

The permittee shall provide annual soil analyses of the land application area according to the following table:

| Parameter | Method | Minimum Analytical Level (MAL) | Reporting units |
|-------------------------------|---|--------------------------------|--|
| pH | 2:1 (v/v) water to soil mixture | | Reported to 0.1 pH units after calibration of pH meter |
| Electrical Conductivity | 2:1 (v/v) water to soil mixture | 0.01 | dS/m (same as mmho/cm) |
| Nitrate-nitrogen | From a 1 <u>N</u> KCl soil extract | 1 | mg/kg (dry weight basis) |
| Total Kjeldahl Nitrogen (TKN) | For determination of Organic plus Ammonium Nitrogen. Procedures that use Mercury (Hg) are not acceptable. | 20 | mg/kg (dry weight basis) |

| | | | |
|--|--|---|--|
| Total Nitrogen | = TKN + nitrate-nitrogen (same as, organic-nitrogen + ammonium-nitrogen + nitrate-nitrogen) | | mg/kg (dry weight basis) |
| Plant-available: Phosphorus (P) | Mehlich III with inductively coupled plasma | 1 | mg/kg (dry weight basis) |
| Plant-available: Potassium (K) | May be determined in the same Mehlich III extract with inductively coupled plasma | 5 | mg/kg (dry weight basis) |
| Amendment addition, e.g., gypsum | | | Report in <i>short tons/acre</i> in the year effected |

The permittee shall provide a copy of this plan to the analytical laboratory prior to sample analysis. The permittee shall submit the results of the annual soil sample analyses with copies of the laboratory reports and a map depicting the areas that have received wastewater within the permanent land application fields to the TCEQ Regional Office (MC Region 4) and the Enforcement Division (MC 224) no later than end of September following the sampling date of each year. If wastewater is not applied in a particular year, the permittee shall notify the same TCEQ offices and indicate that wastewater has not been applied on the approved land disposal sites during that year.

11. Holding or storage ponds shall conform to the design criteria for stabilization ponds with regard to construction and levee design and shall maintain a minimum freeboard of two feet according to 30 TAC Chapter 217, *Design Criteria for Domestic Wastewater Systems*.
12. Permanent transmission lines shall be installed from the holding pond to each tract of land to be irrigated utilizing effluent from that pond.
13. **For existing wastewater ponds:** Facilities for the retention of treated or untreated wastewater shall be adequately lined to control seepage. The following methods of pond lining are acceptable:
 - a) In-situ clay soils or placed and compacted clay soils meeting the following requirements:
 - i. More than 30% passing a No. 200 mesh sieve
 - ii. Liquid limit greater than 30%
 - iii. Plasticity index greater than 15
 - iv. A minimum thickness of 2 feet
 - b) Membrane lining with a minimum thickness of 20 mils, and an underdrain leak detection system.
 - c) An alternate method of pond lining may be utilized with prior approval from the Executive Director.

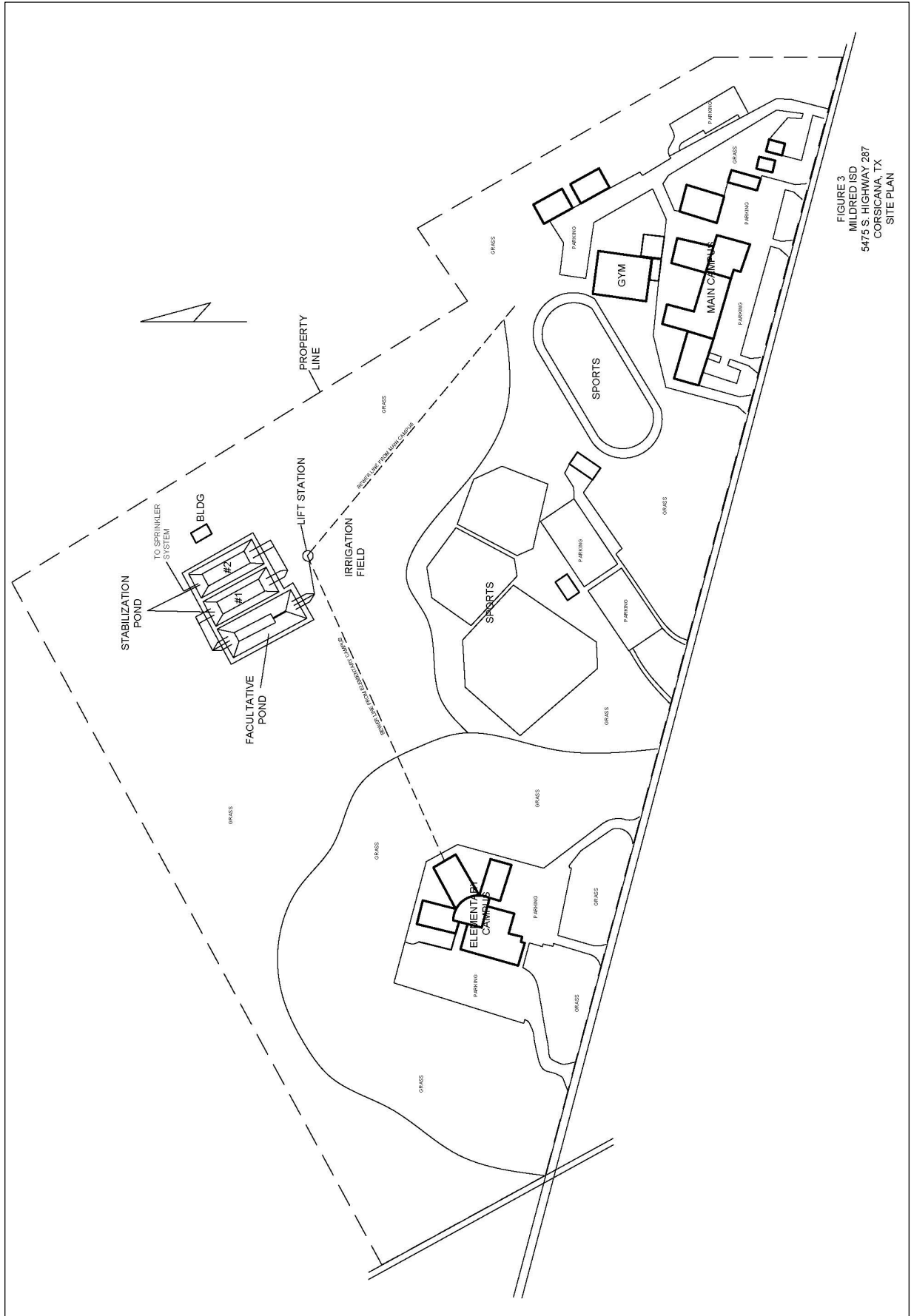
The permittee shall furnish certification by a Texas Licensed Professional Engineer that the completed pond lining meets the appropriate criteria above. The certification shall be sent to the TCEQ Water Quality Assessment Section (MC-150), Regional Office (MC Region 4), and Water Quality Compliance Monitoring Team (MC-224) of the Enforcement Division.

This provision is continued from the permit issued on September 13, 2016 which has not been complied with to date.

14. The permittee shall comply with buffer zone requirements of 30 TAC §309.13(c). A wastewater treatment plant unit, defined by 30 TAC Section §309.11(9), must be located a minimum horizontal distance of 250 ft from a private well and a minimum horizontal distance of 500 ft from a public water well site, spring, or other similar sources of public drinking water, as provided by §290.41(c)(1)(C) of this title.
15. The existing wastewater ponds shall be maintained and operated in a manner that prevents unauthorized discharge to water in the state and contamination of groundwater.
16. Facilities for the retention of treated or untreated wastewater shall be adequately managed and lined to control seepage. At least once per month, the permittee shall inspect the sides and bottom (if visible) of all wastewater ponds for signs of damage and leakage, and any pond leak detection systems that are in service. Leaking ponds shall be removed from service, or operated in a manner to prevent discharge, until repairs are made or replacement ponds are constructed.
17. Pond liner certifications and all liner construction and repair documentation shall be maintained by the permittee for the life of the facility and be made available for TCEQ personnel for inspection and review.
18. Any new or modified wastewater ponds shall be adequately lined to control seepage in accordance with 30 TAC §217.203. The permittee shall submit the liner certification for a newly-constructed or modified wastewater pond to the Water Quality Assessment Team (MC-150), the TCEQ Regional Office (MC-Region 4), and the TCEQ Compliance Monitoring Section (MC-224) within 30 days of completion and prior to use. The certification shall be signed and sealed by a Texas-licensed professional engineer and include a description of how the liner meets the requirements of 30 TAC §217.203.
19. 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). (See Attachment A).
20. The treatment ponds must be adequately fenced to keep them from public contact and signs must be erected stating that the water contained in the ponds is not suitable for drinking or recreation.

21. Dikes and diversion structures around the waste treatment facilities must be of sufficient elevation and strength to ensure that the facility is not subject to inundation by the overflow from the storm or other flood water which would generate by a maximum probably 24-hour rainfall with a return frequency of once in 25 years (7.8 inches).
22. The permittee shall use cultural practices to promote and maintain the health and propagation of the native grasses and mesquite tree crops and avoid plant lodging. The permittee shall harvest the crops (cut and remove it from the field) at least once during the year. Harvesting and mowing dates shall be recorded in a logbook kept on site to be made available to TCEQ personnel upon request.
23. The physical condition of the land application fields shall be monitored on a weekly basis. Any area with problems such as surface runoff, surficial erosion, or stressed or damaged vegetation, etc., shall be recorded in a field log kept onsite. Corrective measures will be implemented within 24 hours of discovery.
24. Irrigation with effluent shall only be done when the irrigation area is not in use.
25. Irrigation shall be effected only on actively growing vegetation.

Attachment A
Mildred Independent School District
TCEQ Permit No. WQ0011646001



TECHNICAL SUMMARY AND EXECUTIVE DIRECTOR'S PRELIMINARY DECISION

DESCRIPTION OF APPLICATION

| | |
|----------------------|---|
| Applicant: | Mildred Independent School District (ISD) TCEQ Permit No. WQ0011646001 |
| Regulated Activity: | Domestic Wastewater Permit |
| Type of Application: | Renewal |
| Request: | Renewal with no changes |
| Authority: | Texas Water Code (TWC) § 26.027; 30 Texas Administrative Code (TAC) Chapters 305, 309, 312, 319, and 30; and Commission policies. |

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 **ten years from the date of issuance**, according to 30 TAC Section 305.127(1)(C)(ii)(III), Conditions to be Determined for Individual Permits.

REASON FOR PROJECT PROPOSED

Mildred ISD has applied to the Texas Commission on Environmental Quality (TCEQ) for a renewal of Permit No. WQ0011646001 to authorize the disposal of treated domestic wastewater at a daily average flow not to exceed 0.020 million gallons per day (MGD) via surface irrigation of 20 acres of non-public access pasture land. The facility includes two stabilization ponds with a total surface area of 0.87 acres and total capacity of 3.48 acre-feet for storage of treated effluent prior to irrigation. The existing wastewater treatment facility serves all facilities and buildings associated with Mildred ISD.

PROJECT DESCRIPTION AND LOCATION

The Mildred Independent School District Wastewater Treatment Facility consists of a pond system. Treatment units include a facultative lagoon with a surface area of 0.5 acres and volume of 4.2 acre-feet and two stabilization ponds with a surface area of 0.87 acres and total volume of 3.48 acre-feet. The facility is in operation.

Sludge generated from the treatment facility is hauled by a registered transporter to City of Eustace Wastewater Treatment Facility, Permit No. WQ0014789001 to be digested, dewatered, and then disposed of with the bulk of the sludge from the plant accepting the sludge. The draft permit also authorizes the disposal of sludge at a TCEQ-authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge.

The wastewater treatment facility and disposal site are located at 5475 South Highway 287, near the City of Corsicana, Navarro County, Texas 75109.

Mildred Independent School District

Permit No. WQ0011646001

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

The wastewater treatment facility and disposal site are located in the drainage basin of Richland-Chamber Reservoir in Segment No. 0836 of the Trinity River Basin. No discharge of pollutants into water in the state is authorized by this permit.

SUMMARY OF EFFLUENT DATA

The following is a summary of the applicant's effluent monitoring data for the period January 2023 through December 2024. The average of Daily Average value is computed by averaging of all 30-day average values for the reporting period for each parameter: flow, five-day biochemical oxygen demand (BOD₅), and total suspended solids (TSS).

| <u>Parameter</u> | <u>Average of Daily Average</u> |
|-------------------------|---------------------------------|
| Flow, MGD | 0.00192 |
| BOD ₅ , mg/l | 23 |
| TSS, mg/l | 43 |

DRAFT PERMIT CONDITIONS

The draft permit authorizes the disposal of treated domestic wastewater effluent at a daily average flow not to exceed 0.020 MGD via surface irrigation of 20 acres of non-public access pasture land. The facility includes two stabilization ponds with a total surface area of 0.87 acres and total capacity of 3.48 acre-feet for storage of treated effluent prior to irrigation. Application rates to the irrigated land shall not exceed 1.12 acre-feet per year per acre irrigated. The permittee will maintain native grasses and mesquite trees on the disposal site.

The effluent limitations in the draft permit, based on a single grab, are 65 mg/l BOD₅ and 65 mg/l TSS. The effluent shall contain a total chlorine residual of at least 1.0 mg/l after a detention time of at least 20 minutes based on peak flow.

The draft permit includes Sludge Provisions according to the requirements of 30 TAC Chapter 312, *Sludge Use, Disposal, and Transportation*. Sludge generated from the treatment facility is hauled by a registered transporter to City of Eustace Wastewater Treatment Facility, Permit No. WQ0014789001 to be digested, dewatered, and then disposed of with the bulk of the sludge from the plant accepting the sludge. The draft permit also authorizes the disposal of sludge at a TCEQ-authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge.

SUMMARY OF CHANGES FROM APPLICATION

None.

SUMMARY OF CHANGES FROM EXISTING PERMIT

The site location description has been updated to the physical address.

The Sludge Provisions, Special Provisions, and Standard Provisions have been revised in the draft permit.

Certain accidental discharges or spills of treated or untreated wastewater from wastewater treatment facilities or collection systems owned or operated by a local government may be reported on a monthly basis in accordance with 30 TAC § 305.132.

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

Special Provision Nos. 4, 5, and 13 have been updated for consistency with current language. Special Provision No. 10 has been updated to remove “and/or sludge” since land application of domestic sewage sludge or biosolids is not authorized per the existing Sludge Provisions. Special Provision Nos. 14-18 and 22-25 in the draft permit are newly added per the recommendations of the Water Quality Assessment Team. Existing Special Provision Nos. 14-18 have been renumbered as Nos. 19-21 in the draft permit.

BASIS FOR DRAFT PERMIT

The following items were considered in developing the draft permit:

1. Application received on January 31, 2025, and additional information received on February 25, 2025 and March 3, 2025.
2. Existing TCEQ permit: Permit No. WQ0011646001 issued on September 13, 2016.
3. Interoffice Memorandum from the Water Quality Assessment Team, Water Quality Assessment & Standards Section, Water Quality Division.

PROCEDURES FOR FINAL DECISION

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

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

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

After the public comment deadline, the Executive Director prepares a response to all significant public comments on the application or the draft permit raised during the public comment period. The Chief Clerk then mails the Executive Director's response to comments and final decision to people who have filed comments, requested a contested case hearing, or requested to be on the mailing list. This notice provides that if a person is not satisfied with the Executive Director's response and decision, they can request a contested case hearing or file a request to reconsider the Executive Director's decision within 30 days after the notice is mailed. The Executive Director will issue the permit unless a written hearing request or request for reconsideration is filed within 30 days after the Executive Director's response to comments and final decision is mailed. If a hearing request or request for reconsideration is filed, the Executive Director will not issue the permit and will forward the application and request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting. If a contested case hearing is held, it will be a legal proceeding similar to a civil trial in state district court.

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

For additional information about this application, contact Sarah A. Johnson, Ph.D. at (512) 239-4649.

Sarah A. Johnson

Sarah A. Johnson, Ph.D.
Municipal Permits Team
Wastewater Permitting Section (MC 148)

April 17, 2025

Date

Rainee Trevino

From: Michele White <michele.white@cpi-tx.com>
Sent: Tuesday, February 25, 2025 2:54 PM
To: Rainee Trevino
Subject: RE: WQ0011646001 - Mildred ISD Renewal
Attachments: NOD response 2-25-25.pdf

Categories: NOD Response Review

Per your request, attached are copies of the items submitted today.

Thank you,
Michele White
Compliance Partners, Inc.
402 E. Avenue G
Midlothian, TX 76065
(Ofc) 972-723-9509
(Cell) 214-564-8622

From: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Sent: Tuesday, February 25, 2025 2:45 PM
To: Michele White <michele.white@cpi-tx.com>
Subject: RE: WQ0011646001 - Mildred ISD Renewal

Good afternoon,

Thank you for your response. Please email all items to me as well.

Regards,

Rainee Trevino
Water Quality Division | ARP Team
Texas Commission on Environmental Quality
512-239-4324



From: Michele White <michele.white@cpi-tx.com>
Sent: Tuesday, February 25, 2025 2:28 PM
To: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Subject: WQ0011646001 - Mildred ISD Renewal

Rainee Trevino

From: Michele White <michele.white@cpi-tx.com>
Sent: Thursday, February 27, 2025 10:24 AM
To: Rainee Trevino
Subject: RE: WQ0011646001 - Mildred ISD Renewal
Attachments: Plain Language Summary 2-27-25.pdf

Rainee

Please see updated PLS. Let me know if this is not sufficient.

Thank you,
Michele White
Compliance Partners, Inc.
402 E. Avenue G
Midlothian, TX 76065
(Ofc) 972-723-9509
(Cell) 214-564-8622

From: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Sent: Thursday, February 27, 2025 10:17 AM
To: Michele White <michele.white@cpi-tx.com>
Subject: RE: WQ0011646001 - Mildred ISD Renewal

Hi Michele,

Thanks so much for taking my call this morning. As we discussed, the PSL is missing the final flow. Please submit a revised PSL with the final flow included. All other items are sufficient.

Regards,

Rainee Trevino
Water Quality Division | ARP Team
Texas Commission on Environmental Quality
512-239-4324



From: Michele White <michele.white@cpi-tx.com>
Sent: Tuesday, February 25, 2025 2:54 PM

Good afternoon,

In response to your letter of February 12, 2025, I have submitted via fedex overnight the original and 2 copies of the updated information you requested for items 1 through 5 so you have the wet signatures by February 26th. Should I upload them to the FTP server as well? Item 6 (NORI) of the letter appears to be accurate.

Thank you,
Michele White
Compliance Partners, Inc.
402 E. Avenue G
Midlothian, TX 76065
(Ofc) 972-723-9509
(Cell) 214-564-8622

Compliance Partners, Inc.

402 E. Avenue G • Midlothian, Texas 76065 • 972-723-9509 • 800-779-3063 • Fax 972-723-0964

February 25, 2025

Ms. Raine Trevino
Applications Review & Processing Team (MC-148)
Texas Commission on Environmental Quality
12100 Park 35 Circle
Austin, Texas 78753

Re: Mildred Independent School District
Waste Water Permit # WQ0011646-001

Dear Ms. Trevino:

Please find enclosed the requested documents from your attached February 12th letter.

Items 1, 2, and 4 are included in the updated administrative Report.

Item 3 Core Data Form is attached.

Item 5 PSL is also attached.

Item 6 NORI appears to be correct.

Please call if you have any questions or require additional information.

Regards,



J.C. Wyatt

cc: Mr. Chris Whorton, Superintendent



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION
CHECKLIST**

Complete and submit this checklist with the application.

APPLICANT NAME: MILDRED INDEPENDENT SCHOOL DISTRICT

PERMIT NUMBER (If new, leave blank): WQ0011646001

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 type="checkbox"/> | <input checked="" 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"/> |
| Summary of Application (PLS) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Flow Diagram | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Public Involvement Plan Form | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Site Drawing | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Technical Report 1.0 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Original Photographs | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Technical Report 1.1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Design Calculations | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Worksheet 2.0 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Solids Management Plan | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Worksheet 2.1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Water Balance | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Worksheet 3.0 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | | |
| Worksheet 3.1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Worksheet 3.2 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Worksheet 3.3 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Worksheet 4.0 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Worksheet 5.0 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Worksheet 6.0 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Worksheet 7.0 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |

For TCEQ Use Only

Segment Number

County

Expiration Date

Region

Permit Number



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

| Flow | New/Major Amendment | Renewal |
|---------------------|-------------------------------------|--|
| <0.05 MGD | \$350.00 <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: Click to enter text.

Check/Money Order Amount: Click to enter text.

Name Printed on Check: Click to enter text.

EPAY Voucher Number: 746028 & 746029

Copy of Payment Voucher enclosed? Yes ☒

Section 2. Type of Application (Instructions Page 26)

a. Check the box next to the appropriate authorization type.

- ☐ Publicly Owned Domestic Wastewater
- ☒ Privately-Owned Domestic Wastewater
- ☐ Conventional Water Treatment

b. Check the box next to the appropriate facility status.

- ☒ Active ☐ Inactive

c. Check the box next to the appropriate permit type.

- ☐ TPDES Permit
- ☒ TLAP
- ☐ TPDES Permit with TLAP component
- ☐ Subsurface Area Drip Dispersal System (SADDs)

d. Check the box next to the appropriate application type

- ☐ New
- ☐ Major Amendment with Renewal
- ☐ Major Amendment without Renewal
- ☒ Renewal without changes
- ☐ Minor Amendment with Renewal
- ☐ Minor Amendment without Renewal
- ☐ Minor Modification of permit

e. For amendments or modifications, describe the proposed changes: Click to enter text.

f. For existing permits:

Permit Number: WQ00 11646001

EPA ID. (TPDES only): TX Click to enter text.

Expiration Date: 09/01/26

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

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

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

MILDRED INDEPENDENT SCHOOL DISTRICT

(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: 600788772

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

Last Name, First Name: WHORTON, CHRIS

Title: SUPERINTENDENT

Credential: Click to enter text.

B. **Co-applcant 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-applcant applying for this permit?

Click to enter text.

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

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

CN: Click to enter text.

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

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

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: **MR**

Last Name, First Name: **WHORTON, CHRIS**

Title: **SUPERINTENDENT**

Credential: Click to enter text.

Organization Name: **MILDRED INDEPENDENT SCHOOL DISTRICT**

Mailing Address: **5475 S HIGHWAY 287** City, State, Zip Code: **CORSICANA, TX 75109**

Phone No.: **903-872-6505**

E-mail Address: **whortonc@mildredisd.org**

Check one or both:

☒

Administrative Contact

☐

Technical Contact

B. Prefix: **MR**

Last Name, First Name: **WYATT, JC**

Title: **CONSULTANT**

Credential: Click to enter text.

Organization Name: **COMPLIANCE PARTNERS, INC.**

402 E. AVENUE G

City, State, Zip Code: **MIDLOTHIAN, TX 76065**

Phone No.: **972-723-9509**

E-mail Address: **jc.wyatt@cpi-tx.com**

Check one or both:

☐

Administrative Contact

☒

Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: **MR**

Last Name, First Name: **WHORTON, CHRIS**

Title: **SUPERINTENDENT**

Credential: Click to enter text.

Organization Name: **MILDRED INDEPENDENT SCHOOL DISTRICT**

Mailing Address: **5475 S HIGHWAY 287** City, State, Zip Code: **CORSICANA, TX 75109**

Phone No.: **903-872-6505**

E-mail Address: **whortonc@mildredisd.org**

B. Prefix: MR Last Name, First Name: WYATT, JC
Title: CONSULTANT Credential: Click to enter text.
Organization Name: COMPLIANCE PARTNERS, INC.
Mailing Address: 402 E AVENUE G City, State, Zip Code: MIDLOTHIAN, TX 76065
Phone No.: 972-897-8442 E-mail Address: jc.wyatt@cpi-tx.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: MS Last Name, First Name: EMERSON, BRANDY
Title: ACCOUNTS PAYABLE Credential: Click to enter text.
Organization Name: MILDRED INDEPENDENT SCHOOL DISTRICT
Mailing Address: 5475 S HIGHWAY 287 City, State, Zip Code: CORSICANA, TX 75109
Phone No.: 903-872-6505 E-mail Address: emersonb@mildredisd.org

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

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

Prefix: MR Last Name, First Name: WHORTON, CHRIS
Title: SUPERINTENDENT Credential: Click to enter text.
Organization Name: MILDRED INDEPENDENT SCHOOL DISTRICT
Mailing Address: 5475 S HIGHWAY 287 City, State, Zip Code: CORSICANA, TX 75109
Phone No.: 903-872-6505 E-mail Address: whortonc@mildredisd.org

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: MS Last Name, First Name: WHITE, MICHELE
Title: CONSULTANT Credential: Click to enter text.
Organization Name: COMPLIANCE PARTNERS, INC.
Mailing Address: 402 E. AVENUE G City, State, Zip Code: MIDLOTHIAN, TX 76065
Phone No.: 972-723-9509 E-mail Address: michele.white@cpi-tx.com

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

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

- ☒ E-mail Address
☐ Fax
☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: MR Last Name, First Name: WHORTON, CHRIS
Title: SUPERINTENDENT Credential: Click to enter text.
Organization Name: MILDRED INDEPENDENT SCHOOL DISTRICT
Mailing Address: 5475 S HIGHWAY 287 City, State, Zip Code: CORSICANA, TX 75109
Phone No.: 903-872-6505 E-mail Address: whortonc@mildredisd.org

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: MILDRED INDEPENDENT SCHOOL DISTRICT
Location within the building: BUSINESS OFFICE
Physical Address of Building: 5475 S HIGHWAY 287
City: CORSICANA County: NAVARRO
Contact (Last Name, First Name): EMERSON, BRANDY
Phone No.: 903-872-6505 Ext.: Click to enter text.

E. Bilingual Notice Requirements

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

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

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

1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?
☐ Yes ☒ No

If no, publication of an alternative language notice is not required; skip to Section 9 below.
2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?
☐ Yes ☐ No

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

F. Summary of Application in Plain Language Template

Complete the F. Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS, and include as an attachment.

Attachment: SEE ATTACHMENT F

G. Public Involvement Plan Form

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

Attachment: Click to enter text.

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

- A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN 101512051**

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):

MILDRED ISD

- C. Owner of treatment facility: **MILDRED ISD**

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

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

Prefix: **MR** Last Name, First Name: **WHORTON, CHRIS**

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

Organization Name: **MILDRED INDEPENDENT SCHOOL DISTRICT**

Mailing Address: **5475 S HIGHWAY 287** City, State, Zip Code: **CORSICANA, TX 75109**

Phone No.: **903-872-6505** E-mail Address: **whortonc@mildredisd.org**

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

Attachment: Click to enter text.

E. Owner of effluent disposal site:

Prefix: MR

Last Name, First Name: WHORTON, CHRIS

Title: SUPERINTENDENT

Credential: Click to enter text.

Organization Name: MILDRED INDEPENDENT SCHOOL DISTRICT

Mailing Address: 5475 S HIGHWAY 287 City, State, Zip Code: CORSICANA, TX 75109

Phone No.: 903-872-6505

E-mail Address: whortonc@mildredisd.org

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

Attachment: Click to enter text.

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No.: Click to enter text.

E-mail Address: Click to enter text.

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

Attachment: Click to enter text.

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

Click to enter text.

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

☐ Yes ☐ No

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

Click to enter text.

City nearest the outfall(s): Click to enter text.

County in which the outfalls(s) is/are located: Click to enter text.

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

☐ Yes ☐ No

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

- ☐ Authorization granted ☐ Authorization pending

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

Attachment: Click to enter text.

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

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☒ Yes ☐ No

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

Click to enter text.

- B. City nearest the disposal site: **MILDRED**

- C. County in which the disposal site is located: **NAVARRO**

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

No discharge to the waters of state occurs, pumped via a 4" main through a pipe system to an irrigation site

- E. For TLAPs, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: **Cedar Creek above Richland Chambers Reservoir in segment 0836B of the Trinity River Basin**

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ 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.

Click to enter text.

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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account number: Click to enter text.

Amount past due: Click to enter text.

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

Enforcement order number: Click to enter text.

Amount past due: Click to enter text.

Section 13. Attachments (Instructions Page 33)

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

☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.

☐ Original full-size USGS Topographic Map with the following information:

- Applicant's property boundary
- Treatment facility boundary
- Labeled point of discharge for each discharge point (TPDES only)
- Highlighted discharge route for each discharge point (TPDES only)
- Onsite sewage sludge disposal site (if applicable)
- Effluent disposal site boundaries (TLAP only)
- New and future construction (if applicable)
- 1 mile radius information
- 3 miles downstream information (TPDES only)
- All ponds.

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: Click to enter text.

| | |
|--------------|--|
| Figure 1 | USGS Topographic Maps |
| Figure 2 | Process Flow Diagram |
| Figure 3 | Site Plan |
| Attachment A | Core Data Form |
| Attachment B | Annual Outcropping Plan |
| Attachment C | Water Well Report |
| Attachment D | Soil Survey |
| Attachment E | Laboratory Reports |
| Attachment F | Summary of Application in Plain Language |

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: **WQ0011646001**

Applicant: **MILDRED INDEPENDENT SCHOOL DISTRICT**

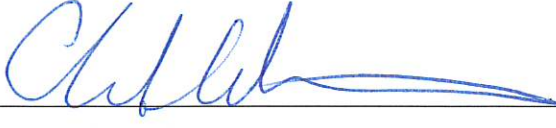
Certification:

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): **CHRIS WHORTON**


Signatory title: **SUPERINTENDENT**

Signature:  Date: 2/20/25
(Use blue ink)

Subscribed and Sworn to before me by the said Chris Whorton
on this 20 day of February, 20 25.
My commission expires on the 17 day of September, 20 27.


Notary Public

[SEAL]


County, Texas



Beverly McQuary
Notary Public, State of Texas
My Comm Exp. 09/17/27
Notary ID 12625705-8

DOMESTIC WASTEWATER PERMIT APPLICATION

ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

- A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:
- ☐ The applicant's property boundaries
 - ☐ The facility site boundaries within the applicant's property boundaries
 - ☐ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
 - ☐ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
 - ☐ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
 - ☐ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
 - ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
 - ☐ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
 - ☐ The property boundaries of all landowners surrounding the effluent disposal site
 - ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
 - ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located
- B. ☐ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.
- C. ☐ Indicate by a check mark that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).
- D. Provide the source of the landowners' names and mailing addresses: Click to enter text.
- E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?
- ☐ Yes ☐ No

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

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

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

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

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

B. Buffer zone compliance method. Indicate how the buffer zone requirements will be met. Check all that apply.

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

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

- ☐ Yes ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: [Click to enter text.](#)

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

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

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

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

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

Name of Project or Site: Click to enter text.

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

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

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

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

Prefix (Mr., Ms., Miss): Click to enter text.

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

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

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

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

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

E-mail Address: Click to enter text.

CN: Click to enter text.

For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

Core Data Form (TCEQ Form No. 10400) ☐ Yes
(Required for all application 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 ☐ 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 Labels and Cross Reference List ☐ N/A ☐ Yes
(See instructions for landowner requirements)

Electronic Application Submittal ☐ Yes
(See application submittal requirements on page 23 of the instructions.)

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)

Summary of Application (in Plain Language) ☐ Yes



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 600788772 | | RN 101512051 |

SECTION II: Customer Information

| | | | | | |
|--|--------------------|--|-------|--|--|
| 4. General Customer Information | | 5. Effective Date for Customer Information Updates (mm/dd/yyyy) | | 2/18/2025 | |
| <input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership | | | | | |
| <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts) | | | | | |
| <i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i> | | | | | |
| 6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) | | | | <i>If new Customer, enter previous Customer below:</i> | |
| MILDRED INDEPENDENT SCHOOL DISTRICT | | | | | |
| 7. TX SOS/CPA Filing Number | | 8. TX State Tax ID (11 digits) | | 9. Federal Tax ID (9 digits) | 10. DUNS Number (if applicable) |
| | | | | 75-1333316 | |
| 11. Type of Customer: | | <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 type="checkbox"/> State <input checked="" type="checkbox"/> Other | | <input type="checkbox"/> Sole Proprietorship | | Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited | |
| 12. Number of Employees | | <input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input checked="" type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher | | 13. Independently Owned and Operated? | |
| | | | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| 14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following | | | | | |
| <input 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: | 5475 S HIGHWAY 287 | | | | |
| | City | CORSICANA | State | TX | ZIP 75109 |
| | | ZIP + 4 | 9035 | | |
| 16. Country Mailing Information (if outside USA) | | | | 17. E-Mail Address (if applicable) | |
| | | | | whortonc@mildredisd.org | |
| 18. Telephone Number | | 19. Extension or Code | | 20. Fax Number (if applicable) | |
| (903) 872-6505 | | | | () - | |

SECTION III: Regulated Entity Information

| | |
|---|--|
| 21. General Regulated Entity Information (If "New Regulated Entity" is selected, a new permit application is also required.) | |
| <input type="checkbox"/> New Regulated Entity <input checked="" type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information | |
| <i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i> | |
| 22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.) | |
| MILDRED ISD | |

| | | | | | | | | |
|--|--------------------|-----------|--------------|----|------------|-------|----------------|------|
| 23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i> | 5475 S HIGHWAY 287 | | | | | | | |
| | City | CORSICANA | State | TX | ZIP | 75109 | ZIP + 4 | 9035 |
| 24. County | NAVARRO | | | | | | | |

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

| | | | | | | | | |
|--|---|-----------|--|---------|--|-------------------------|----------------|------|
| 25. Description to Physical Location: | | | | | | | | |
| 26. Nearest City | | | | | State | Nearest ZIP Code | | |
| <i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i> | | | | | | | | |
| 27. Latitude (N) In Decimal: | 32-040152 | | | | 28. Longitude (W) In Decimal: | -96.380990 | | |
| Degrees | Minutes | Seconds | Degrees | Minutes | Seconds | | | |
| 29. Primary SIC Code (4 digits) | 30. Secondary SIC Code (4 digits) | | 31. Primary NAICS Code (5 or 6 digits) | | 32. Secondary NAICS Code (5 or 6 digits) | | | |
| 8211 | | | 611110 | | | | | |
| 33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i> | | | | | | | | |
| INDEPENDENT SCHOOL DISTRICT | | | | | | | | |
| 34. Mailing Address: | 5475 S HIGHWAY 287 | | | | | | | |
| | City | CORSICANA | State | TX | ZIP | 75109 | ZIP + 4 | 9035 |
| 35. E-Mail Address: | whortonc@mildredisd.org | | | | | | | |
| 36. Telephone Number | 37. Extension or Code | | 38. Fax Number <i>(if applicable)</i> | | | | | |
| (903) 872-6505 | | | () - | | | | | |

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.

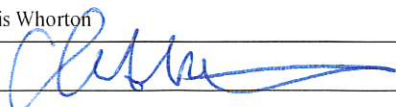
| | | | | |
|--|--|---|--|---|
| <input type="checkbox"/> Dam Safety | <input type="checkbox"/> Districts | <input type="checkbox"/> Edwards Aquifer | <input type="checkbox"/> Emissions Inventory Air | <input type="checkbox"/> Industrial Hazardous Waste |
| <input type="checkbox"/> Municipal Solid Waste | <input type="checkbox"/> New Source Review Air | <input type="checkbox"/> OSSF | <input checked="" type="checkbox"/> Petroleum Storage Tank | <input type="checkbox"/> PWS |
| <input type="checkbox"/> Sludge | <input type="checkbox"/> Storm Water | <input type="checkbox"/> Title V Air | 36194 | |
| <input type="checkbox"/> Voluntary Cleanup | <input checked="" type="checkbox"/> Wastewater | <input type="checkbox"/> Wastewater Agriculture | <input type="checkbox"/> Tires | <input type="checkbox"/> Used Oil |
| | | | <input type="checkbox"/> Water Rights | <input type="checkbox"/> Other: |
| | WQ001164 6001 | | | |

SECTION IV: Preparer Information

| | | | |
|-----------------------------|----------------------|-----------------------|---------------------------|
| 40. Name: | J. C. Wyatt | 41. Title: | Consultant |
| 42. Telephone Number | 43. Ext./Code | 44. Fax Number | 45. E-Mail Address |
| (972) 723-9509 | | () - | jc.wyatt@cpi-tx.com |

SECTION V: Authorized Signature

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

| | | | |
|-------------------------|---|-------------------|-------------------|
| Company: | Mildred Independent School District | Job Title: | Superintendent |
| Name (In Print): | Chris Whorton | Phone: | (903) 872- 6505 |
| Signature: |  | Date: | 2/20/25 |

Plain Language Summary

Mildred Independent School District (CN600788772) operates Mildred ISD wastewater treatment facility (RN101512051), a wastewater treatment facility and disposal site. The facility is located at 5475 S. Highway 287, in Corsicana, Navarro County, Texas 75109. Mildred ISD is applying for a renewal of TCEQ Permit WQ0011646001. This permit will not authorize a discharge of pollutants into waters of the state.

Discharges from the facility are expected to contain nonhazardous treated domestic wastewater. No discharge of treated wastewater occurs at the facility. Wastewater is treated by onsite stabilization ponds. Treated wastewater is applied to 20 acres of non-public access pastureland for irrigation.

Plain Language Summary

Mildred Independent School District (CN600788772) operates Mildred ISD wastewater treatment facility (RN101512051), a wastewater treatment facility and disposal site. The facility is located at 5475 S. Highway 287, in Corsicana, Navarro County, Texas 75109. Mildred ISD is applying for a renewal of TCEQ Permit WQ0011646001. This permit will not authorize a discharge of pollutants into waters of the state.

Discharges from the facility are expected to contain nonhazardous treated domestic wastewater not to exceed a daily average flow of 20,000 gallons per day via surface irrigation. No discharge of treated wastewater occurs at the facility. Wastewater is treated by onsite stabilization ponds. Treated wastewater is applied to 20 acres of non-public access pastureland for irrigation.

Rainee Trevino

From: Michele White <michele.white@cpi-tx.com>
Sent: Thursday, March 6, 2025 8:36 AM
To: Rainee Trevino
Subject: RE: WQ00116460010-Worksheet 3.0
Attachments: MISD WW App Domestic Tech Rpt rev 3-6-25 pg 31.pdf

Here is the revised page

Thank you,
Michele White
Compliance Partners, Inc.
402 E. Avenue G
Midlothian, TX 76065
(Ofc) 972-723-9509
(Cell) 214-564-8622

From: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Sent: Thursday, March 6, 2025 8:29 AM
To: Michele White <michele.white@cpi-tx.com>
Subject: RE: WQ00116460010-Worksheet 3.0

Yes, please.

Regards,

Rainee Trevino
Water Quality Division | ARP Team
Texas Commission on Environmental Quality
512-239-4324



From: Michele White <michele.white@cpi-tx.com>
Sent: Thursday, March 6, 2025 8:28 AM
To: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Subject: RE: WQ00116460010-Worksheet 3.0

Yes, you want me to put the 20,000 there?

Thank you,

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

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

Identify the method of land disposal:

- | | |
|---|--|
| <input type="checkbox"/> Surface application | <input type="checkbox"/> Subsurface application |
| <input checked="" type="checkbox"/> Irrigation | <input type="checkbox"/> Subsurface soils absorption |
| <input type="checkbox"/> Drip irrigation system | <input type="checkbox"/> Subsurface area drip dispersal system |
| <input type="checkbox"/> Evaporation | <input type="checkbox"/> Evapotranspiration beds |
| <input type="checkbox"/> Other (describe in detail): Click to enter text. | |

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

For existing authorizations, provide Registration Number: [Click to enter text.](#)

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

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

Table 3.0(1) – Land Application Site Crops

| Crop Type & Land Use | Irrigation Area (acres) | Effluent Application (GPD) | Public Access? Y/N |
|---------------------------------|-------------------------|----------------------------|--------------------|
| Native grass and mesquite trees | 20 | 20,000 | N |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: MILDRED INDEPENDENT SCHOOL DISTRICT

PERMIT NUMBER (If new, leave blank): WQ00 11646001

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 type="checkbox"/> | <input checked="" 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 type="checkbox"/> | <input checked="" 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 checked="" type="checkbox"/> | <input type="checkbox"/> | Water Balance | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Worksheet 3.1 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Worksheet 3.2 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Worksheet 3.3 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Worksheet 4.0 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Worksheet 5.0 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Worksheet 6.0 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Worksheet 7.0 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |

For TCEQ Use Only

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION
ADMINISTRATIVE REPORT 1.0**

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

Section 1. Application Fees (Instructions Page 26)

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

| Flow | New/Major Amendment | Renewal |
|---------------------|-------------------------------------|--|
| <0.05 MGD | \$350.00 <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:
Check/Money Order Amount:
Name Printed on Check:
EPAY Voucher Number: 746028 & 746029
Copy of Payment Voucher enclosed? Yes ☒

Section 2. Type of Application (Instructions Page 26)

a. Check the box next to the appropriate authorization type.

- ☐ Publicly-Owned Domestic Wastewater
☒ Privately-Owned Domestic Wastewater
☐ Conventional Wastewater Treatment

b. Check the box next to the appropriate facility status.

- ☒ Active ☐ Inactive

c. Check the box next to the appropriate permit type.

- ☐ TPDES Permit
☒ TLAP
☐ TPDES Permit with TLAP component
☐ Subsurface Area Drip Dispersal System (SADDS)

d. Check the box next to the appropriate application type

- | | |
|---|---|
| <input type="checkbox"/> New | |
| <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 |

e. For amendments or modifications, describe the proposed changes: [Click to enter text.](#)

f. For existing permits:

Permit Number: WQ00 11646001

EPA I.D. (TPDES only): TX [Click to enter text.](#)

Expiration Date: 09/01/26

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

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

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

MILDRED INDEPENDENT SCHOOL DISTRICT

(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: 600788772

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

Last Name, First Name: WHORTON, CHRIS

Title: SUPERINTENDENT

Credential: [Click to enter text.](#)

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

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

[Click to enter text.](#)

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

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

CN: Click to enter text.

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

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

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: MR

Last Name, First Name: WHORTON, CHRIS

Title: SUPERINTENDENT

Credential: Click to enter text.

Organization Name: MILDRED INDEPENDENT SCHOOL DISTRICT

Mailing Address: 5475 S HIGHWAY 287

City, State, Zip Code: CORSICANA, TX 75109

Phone No.: 903-872-6505

E-mail Address: whortonc@mildredisd.org

Check one or both: ☒ Administrative Contact ☐ Technical Contact

B. Prefix: MR

Last Name, First Name: WYATT, JC

Title: CONSULTANT

Credential: Click to enter text.

Organization Name: COMPLIANCE PARTNERS, INC.

Mailing Address: 402 E. AVENUE G

City, State, Zip Code: MIDLOTHIAN, TX 76065

Phone No.: 972-723-9509

E-mail Address: jc.wyatt@cpi-tx.com

Check one or both: ☐ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: MR

Last Name, First Name: WHORTON, CHRIS

Title: SUPERINTENDENT

Credential: Click to enter text.

Organization Name: MILDRED INDEPENDENT SCHOOL DISTRICT

Mailing Address: 5475 S HIGHWAY 287

City, State, Zip Code: CORSICANA, TX 75109

Phone No.: 903-872-6505

E-mail Address: whortonc@mildredisd.org

B. Prefix: [Click to enter text.](#) Last Name, First Name: [Click to enter text.](#)
Title: [Click to enter text.](#) Credential: [Click to enter text.](#)
Organization Name: [Click to enter text.](#)
Mailing Address: [Click to enter text.](#) City, State, Zip Code: [Click to enter text.](#)
Phone No.: [Click to enter text.](#) E-mail Address: [Click to enter text.](#)

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: MS Last Name, First Name: EMERSON, BRANDY
Title: ACCOUNTS PAYABLE Credential: [Click to enter text.](#)
Organization Name: MILDRED INDEPENDENT SCHOOL DISTRICT
Mailing Address: 5475 S HIGHWAY 287 City, State, Zip Code: CORSICANA, TX 75109
Phone No.: 903-872-6505 E-mail Address: emersonb@mildredisd.org

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

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

Prefix: MR Last Name, First Name: WHORTON, CHRIS
Title: SUPERINTENDENT Credential: [Click to enter text.](#)
Organization Name: MILDRED INDEPENDENT SCHOOL DISTRICT
Mailing Address: 5475 S HIGHWAY 287 City, State, Zip Code: CORSICANA, TX 75109
Phone No.: 903-872-6505 E-mail Address: whortonc@mildredisd.org

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: MR Last Name, First Name: WHORTON, CHRIS
Title: SUPERINTENDENT Credential: [Click to enter text.](#)
Organization Name: MILDRED INDEPENDENT SCHOOL DISTRICT
Mailing Address: 5475 S HIGHWAY 287 City, State, Zip Code: CORSICANA, TX 75109
Phone No.: 903-872-6505 E-mail Address: whortonc@mildredisd.org

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: MR

Last Name, First Name: WHORTON, CHRIS

Title: SUPERINTENDENT

Credential: Click to enter text.

Organization Name: MILDRED INDEPENDENT SCHOOL DISTRICT

Mailing Address: 5475 S HIGHWAY 287 City, State, Zip Code: CORSICANA, TX 75109

Phone No.: 903-872-6505

E-mail Address: whortonc@mildredisd.org

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: MILDRED INDEPENDENT SCHOOL DISTRICT

Location within the building: BUSINESS OFFICE

Physical Address of Building: 5475 S HIGHWAY 287

City: CORSICANA

County: NAVARRO

Contact (Last Name, First Name): EMERSON, BRANDY

Phone No.: 903-872-6505 Ext.: Click to enter text.

E. Bilingual Notice Requirements

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

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

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

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

☐ Yes ☒ No

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

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

F. Plain Language Summary Template

Complete the Plain Language Summary (TCEQ Form 20972) and include as an attachment.

Attachment: [Click to enter text.](#)

G. Public Involvement Plan Form

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

Attachment: [Click to enter text.](#)

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

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN 101512051

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):

MILDRED ISD

C. Owner of treatment facility: MILDRED ISD

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

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

Prefix: MR

Last Name, First Name: WHORTON, CHRIS

Title: SUPERINTENDENT

Credential: [Click to enter text.](#)

Organization Name: MILDRED INDEPENDENT SCHOOL DISTRICT

Mailing Address: 5475 S HIGHWAY 287

City, State, Zip Code: CORSICANA, TX 75109

Phone No.: 903-872-6505

E-mail Address: whortonc@mildredisd.org

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

Attachment: [Click to enter text.](#)

E. Owner of effluent disposal site:

Prefix: MR

Last Name, First Name: WHORTON, CHRIS

Title: SUPERINTENDENT

Credential: Click to enter text.

Organization Name: MILDRED INDEPENDENT SCHOOL DISTRICT

Mailing Address: 5475 S HIGHWAY 287

City, State, Zip Code: CORSICANA, TX 75109

Phone No.: 903-872-6505

E-mail Address: whortonc@mildresisd.org

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

Attachment: Click to enter text.

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No.: Click to enter text.

E-mail Address: Click to enter text.

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

Attachment: Click to enter text.

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

Click to enter text.

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

☐ Yes ☐ No

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

Click to enter text.

City nearest the outfall(s): Click to enter text.

County in which the outfalls(s) is/are located: Click to enter text.

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

☐ Yes ☐ No

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

- ☐ Authorization granted ☐ Authorization pending

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

Attachment: [Click to enter text.](#)

- D. For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: [Click to enter text.](#)

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☒ Yes ☐ No

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

[Click to enter text.](#)

- B. City nearest the disposal site: MILDRED

- C. County in which the disposal site is located: NAVARRO

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

No discharge to the waters of state occurs, pumped via a 4" main through a pipe system to an irrigation site

- E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: Cedar Creek above Richland Chambers Reservoir in segment 0836B of the Trinity River Basin

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ 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.

[Click to enter text.](#)

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

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: [Click to enter text.](#)

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

Enforcement order number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

Section 13. Attachments (Instructions Page 33)

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

☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.

☒ **See Figure 1** 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: [Click to enter text.](#)

| | |
|--------------|-------------------------|
| Figure 2 | Process Flow Diagram |
| Figure 3 | Site Plan |
| Attachment A | Core Data Form |
| Attachment B | Annual Outcropping Plan |
| Attachment C | Water Well Report |
| Attachment D | Soil Survey |
| Attachment E | Laboratory Reports |

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: [Click to enter text.](#)

Applicant: [Click to enter text.](#)

Certification:

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

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

Signatory name (typed or printed): CHRIS WHORTON

Signatory title: SUPERINTENDENT

Signature: _____ Date: _____

(Use blue ink)

Subscribed and Sworn to before me by the said _____

on this _____ day of _____, 20____.

My commission expires on the _____ day of _____, 20____.

Notary Public

[SEAL]

County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

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

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

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

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

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

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

B. Buffer zone compliance method. Indicate how the buffer zone requirements will be met. Check all that apply.

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

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

- ☐ Yes ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: [Click to enter text.](#)

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

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

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

Fee Code: WQP **Waste Permit No:** [Click to enter text.](#)

1. Check or Money Order Number: [Click to enter text.](#)
2. Check or Money Order Amount: [Click to enter text.](#)
3. Date of Check or Money Order: [Click to enter text.](#)
4. Name on Check or Money Order: [Click to enter text.](#)
5. APPLICATION INFORMATION

Name of Project or Site: [Click to enter text.](#)

Physical Address of Project or Site: [Click to enter text.](#)

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

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

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

Prefix (Mr., Ms., Miss): [Click to enter text.](#)

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

Driver's License or State Identification Number: [Click to enter text.](#)

Date of Birth: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, and Zip Code: [Click to enter text.](#)

Phone Number: [Click to enter text.](#) Fax Number: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

CN: [Click to enter text.](#)

For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

Core Data Form (TCEQ Form No. 10400) ☒ Yes
(Required for all application 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 ☒ 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)

Plain Language Summary ☐ Yes



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.2 (MGD) 20,000 (GPD)

2-Hr Peak Flow (MGD): 0.0096 (MGD) 6,000 (GPD)

Estimated construction start date: NA

Estimated waste disposal start date: NA

B. Interim II Phase

Design Flow (MGD): NA

2-Hr Peak Flow (MGD): NA

Estimated construction start date: NA

Estimated waste disposal start date: NA

C. Final Phase

Design Flow (MGD): NA

2-Hr Peak Flow (MGD): NA

Estimated construction start date: NA

Estimated waste disposal start date: NA

D. Current Operating Phase

Provide the startup date of the facility: 02/11/2002

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

finish with the point of discharge. Include all sludge processing and drying units. **If more than one phase exists or is proposed, a description of *each phase* must be provided.**

This is a zero discharge facility. Treatment is achieved through the utilization of a facultative pond, two stabilization ponds and a green belt. The final treatment unit is accomplished through evapotranspiration utilizing native grasses and trees on the green belt. Water is pumped from the second stabilization pond and applied to the green belt using a sprinkler system. There is no effluent discharge from this facility.

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) |
|---------------------|-----------------|------------------------|
| Facultative Pond | 1 | 4.2 acre-feet |
| Stabilization Pond | 2 | 3.48 acre-feet total |
| Green Belt | 1 | 20 acres |
| | | |
| | | |
| | | |

C. Process Flow Diagram

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

Attachment: Figure 2

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

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

- Latitude: Click to enter text.
- Longitude: Click to enter text.

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

- Latitude: 32.040152
- Longitude: -90.380990

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: Figure 3

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

All facilities and buildings associated with the Mildred Independent School District

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

Collection System Information

| Collection System Name | Owner Name | Owner Type | Population Served |
|------------------------|------------|-----------------|-------------------|
| | | Choose an item. | |
| | | Choose an item. | |
| | | Choose an item. | |
| | | Choose an item. | |

Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 45)

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

A. Summary transmittal

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

☒ Yes ☐ No

If **yes**, provide the date(s) of approval for each phase: 10/16/2001

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.**

NA

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

Click to enter text.

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

Click to enter text.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

Click to enter text.

3. Grit disposal

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

☒ Yes ☐ No

If **No**, contact the TCEQ Municipal Solid Waste team at 512-239-2335. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.

Describe the method of grit disposal.

Click to enter text.

4. Grease and decanted liquid disposal

Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-2335.

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

Click to enter text.

E. Stormwater management

1. Applicability

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

2. MSGP coverage

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

☐ Yes ☒ No

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

TXR05 [Click to enter text.](#) or TXRNE [Click to enter text.](#)

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

☐ Yes ☒ No

3. Conditional exclusion

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

☒ Yes ☐ No

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

Facility is a public school campus. No industrial activity is conducted.

4. Existing coverage in individual permit

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

☐ Yes ☒ No

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

Click to enter text.

5. Zero stormwater discharge

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

☐ Yes ☐ No

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

Click to enter text.

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

6. Request for coverage in individual permit

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

☐ Yes ☒ No

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

intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.

[Click to enter text.](#)

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

[Click to enter text.](#)

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

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

[Click to enter text.](#)

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

☐ Yes ☒ No

If **yes to any of the above**, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the 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.

Click to enter text.

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

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

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

☐ Yes ☐ No

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

Click to enter text.

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

Is the facility in operation?

☐ Yes ☐ No

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

If **yes**, provide effluent analysis data for the listed pollutants. **Wastewater treatment facilities** complete Table 1.0(2). **Water treatment facilities** discharging filter backwash water, complete Table 1.0(3). Provide copies of the laboratory results sheets. **These tables are not applicable for a minor amendment without renewal.** See the instructions for guidance.

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

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

| Pollutant | Average Conc. | Max Conc. | No. of Samples | Sample Type | Sample Date/Time |
|---|---------------|-----------|----------------|-------------|------------------|
| CBOD ₅ , mg/l | | | 1 | Grab | |
| Total Suspended Solids, mg/l | | | 1 | Grab | |
| Ammonia Nitrogen, mg/l | NA | | | | |
| Nitrate Nitrogen, mg/l | NA | | | | |
| Total Kjeldahl Nitrogen, mg/l | NA | | | | |
| Sulfate, mg/l | NA | | | | |
| Chloride, mg/l | NA | | | | |
| Total Phosphorus, mg/l | NA | | | | |
| pH, standard units | | | 1 | Grab | |
| Dissolved Oxygen*, mg/l | NA | | | | |
| Chlorine Residual, mg/l | NA | | | | |
| <i>E.coli</i> (CFU/100ml) freshwater | NA | | | | |
| Enterococci (CFU/100ml) saltwater | NA | | | | |
| Total Dissolved Solids, mg/l | NA | | | | |
| Electrical Conductivity, μ mohs/cm, † | NA | | | | |
| Oil & Grease, mg/l | NA | | | | |
| Alkalinity (CaCO ₃)*, mg/l | NA | | | | |

*TPDES permits only

†TLAP permits only

Table1.0(3) – Pollutant Analysis for Water Treatment Facilities

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

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Bobby PerryFacility Operator's License Classification and Level: WW Class CFacility Operator's License Number: WW0022239 Expires:

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

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

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

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- ☐ Aerobic Digestion
- ☐ Air Drying (or sludge drying beds)
- ☐ Lower Temperature Composting
- ☐ Lime Stabilization
- ☐ Higher Temperature Composting
- ☐ Heat Drying
- ☐ Thermophilic Aerobic Digestion
- ☐ Beta Ray Irradiation
- ☐ Gamma Ray Irradiation
- ☐ Pasteurization
- ☐ Preliminary Operation (e.g. grinding, de-gritting, blending)
- ☐ Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- ☐ Sludge Lagoon
- ☐ Temporary Storage (< 2 years)
- ☐ Long Term Storage (≥ 2 years)
- ☐ Methane or Biogas Recovery
- ☐ Other Treatment Process: [Click to enter text.](#)

C. Biosolids Management

Provide information on the *intended* biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize

all biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

| Management Practice | Handler or Preparer Type | Bulk or Bag Container | Amount (dry metric tons) | Pathogen Reduction Options | Vector Attraction Reduction Option |
|---------------------|--|-----------------------|--------------------------|----------------------------|------------------------------------|
| Other | Off-site Third-Party Handler or Preparer | Bulk | | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. | | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. | | Choose an item. | Choose an item. |

If “Other” is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Transport to another permitted wastewater pretreatment plant or permitted sludge processing facility

D. Disposal site

Disposal site name: Eustace WWTP

TCEQ permit or registration number: TXR0027481

County where disposal site is located: Henderson County

E. Transportation method

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

Name of the hauler: Tidy Toilets

Hauler registration number: 24428

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

| | | |
|--|------------------------------|--|
| Sludge Composting | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Marketing and Distribution of sludge | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Sludge Surface Disposal or Sludge Monofill | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Temporary storage in sludge lagoons | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:
Attachment: [Click to enter text.](#)
- USDA Natural Resources Conservation Service Soil Map:
Attachment: [Click to enter text.](#)
- Federal Emergency Management Map:
Attachment: [Click to enter text.](#)
- Site map:
Attachment: [Click to enter text.](#)

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

- ☐ Overlap a designated 100-year frequency flood plain
- ☐ Soils with flooding classification
- ☐ Overlap an unstable area
- ☐ Wetlands

- ☐ Located less than 60 meters from a fault
- ☐ None of the above

Attachment: [Click to enter text.](#)

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

[Click to enter text.](#)

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: [Click to enter text.](#)

Total Kjeldahl Nitrogen, mg/kg: [Click to enter text.](#)

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

Phosphorus, mg/kg: [Click to enter text.](#)

Potassium, mg/kg: [Click to enter text.](#)

pH, standard units: [Click to enter text.](#)

Ammonia Nitrogen mg/kg: [Click to enter text.](#)

Arsenic: [Click to enter text.](#)

Cadmium: [Click to enter text.](#)

Chromium: [Click to enter text.](#)

Copper: [Click to enter text.](#)

Lead: [Click to enter text.](#)

Mercury: [Click to enter text.](#)

Molybdenum: [Click to enter text.](#)

Nickel: [Click to enter text.](#)

Selenium: [Click to enter text.](#)

Zinc: [Click to enter text.](#)

Total PCBs: [Click to enter text.](#)

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

[Click to enter text.](#)

D. Site development plan

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

[Click to enter text.](#)

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)
Attachment: [Click to enter text.](#)
- Copy of the closure plan
Attachment: [Click to enter text.](#)
- Copy of deed recordation for the site
Attachment: [Click to enter text.](#)
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons
Attachment: [Click to enter text.](#)
- Description of the method of controlling infiltration of groundwater and surface water from entering the site
Attachment: [Click to enter text.](#)
- Procedures to prevent the occurrence of nuisance conditions
Attachment: [Click to enter text.](#)

E. Groundwater monitoring

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

☐ Yes ☒ No

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

Attachment: [Click to enter text.](#)

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

A. Additional authorizations

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

☐ Yes ☒ No

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

Click to enter text.

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:

Click to enter text.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: [Click to enter text.](#)

Section 14. Laboratory Accreditation (Instructions Page 56)

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

- The laboratory is an in-house laboratory and is:
 - 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: CHRIS WHORTON

Title: SUPERINTENDENT

Signature: _____

Date: _____

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

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

Identify the method of land disposal:

- | | |
|---|--|
| <input type="checkbox"/> Surface application | <input type="checkbox"/> Subsurface application |
| <input checked="" type="checkbox"/> Irrigation | <input type="checkbox"/> Subsurface soils absorption |
| <input type="checkbox"/> Drip irrigation system | <input type="checkbox"/> Subsurface area drip dispersal system |
| <input type="checkbox"/> Evaporation | <input type="checkbox"/> Evapotranspiration beds |
| <input type="checkbox"/> Other (describe in detail): Click to enter text. | |

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

For existing authorizations, provide Registration Number: [Click to enter text.](#)

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

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

Table 3.0(1) – Land Application Site Crops

| Crop Type & Land Use | Irrigation Area (acres) | Effluent Application (GPD) | Public Access? Y/N |
|---------------------------------|-------------------------|----------------------------|--------------------|
| Native grass and mesquite trees | 20 | 13,900 | N |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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

Table 3.0(2) – Storage and Evaporation Ponds

| Pond Number | Surface Area (acres) | Storage Volume (acre-feet) | Dimensions | Liner Type |
|--------------------|----------------------|----------------------------|-------------------|------------|
| Facultative Pond | 0.50 | 4.2 | 85' x 255' x 8.5' | Synthetic |
| Stabilization Pond | 0.387 | 1.547 | 72' x 234' x 4' | Synthetic |
| Stabilization Pond | 0.483 | 1.934 | 90' x 234' x 4' | Synthetic |
| | | | | |
| | | | | |

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

Attachment: [Click to enter text.](#)

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

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

☐ Yes ☒ No

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

[Click to enter text.](#)

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

FEMA

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

Surface runoff from up-gradient facilities is collected by gutter and berm system and diverted through a surface drain that runs along S Highway 287.

Section 5. Annual Cropping Plan (Instructions Page 68)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. **Attachment: B**

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

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

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment: C**

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

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

Table 3.0(3) – Water Well Data

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

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

Attachment: [Click to enter text.](#)

Section 7. Groundwater Quality (Instructions Page 69)

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

Attachment: [Click to enter text.](#)

Are groundwater monitoring wells available onsite? ☐ Yes ☒ No

Do you plan to install ground water monitoring wells or lysimeters around the land application site? ☐ Yes ☒ No

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

Attachment: [Click to enter text.](#)

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

A. Soil map

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

Attachment: [D](#)

B. Soil analyses

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

Attachment: [D](#)

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

Table 3.0(4) – Soil Data

| Soil Series | Depth from Surface | Permeability | Available Water Capacity | Curve Number |
|-------------------|--------------------|--------------|--------------------------|--------------|
| CrA Crockett 0-1% | 0-72" | 2.0-6.3 | 0.13-0.14 | |
| CrB Crockett 1-3% | 0-72" | <0.06 | 0.14-0.18 | |
| WIA Wilson 0-1% | 0-60" | 0.2-0.63 | 0.15-0.20 | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Section 9. Effluent Monitoring Data (Instructions Page 71)

Is the facility in operation?

☒ Yes ☐ No

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

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

Table 3.0(5) – Effluent Monitoring Data

| Date | 30 Day Avg Flow MGD | BOD5 mg/l | TSS mg/l | pH | Chlorine Residual mg/l | Acres irrigated |
|----------|---------------------|-----------|----------|-------|------------------------|-----------------|
| 1-9-23 | 0.001 | 13.1 | 19.5 | -- | NA | 20 |
| 2-6-23 | 0 | 9.97 | ND | 8.36 | NA | 0 |
| 3-13-23 | 0 | 22.1 | 46.0 | 9.32 | NA | 0 |
| 4-3-23 | 0 | 18.1 | 53.3 | 9.33 | NA | 0 |
| 5-1-23 | 0.002 | 120.0 | 120.0 | -- | NA | 20 |
| 6-5-23 | 0.003 | ND | 12.5 | 9.84 | NA | 20 |
| 7-10-23 | 0.002 | 12.8 | ND | 9.33 | NA | 20 |
| 8-7-23 | 0 | 14.7 | 20 | 9.82 | NA | 0 |
| 9-11-23 | 0 | 16.8 | 31 | 9.76 | NA | 0 |
| 10-2-23 | 0 | 15.3 | 20.0 | 9.13 | NA | 0 |
| 11-6-23 | 0 | 18.4 | 35.0 | 9.48 | NA | 0 |
| 12-18-23 | 0 | 17.7 | 82.9 | 9.74 | NA | 0 |
| 1-8-24 | 0.002 | 22.3 | 67.0 | 8.8 | NA | 20 |
| 2-5-24 | 0.002 | 21.9 | 47.0 | 9.39 | NA | 20 |
| 3-4-24 | 0.02 | 21.3 | 66.0 | 9.92 | NA | 20 |
| 4-1-24 | 0 | 17.5 | 37.0 | 9.93 | NA | 0 |
| 5-6-24 | 0.012 | 16.1 | 49.0 | 10.16 | NA | 20 |
| 6-3-24 | 0 | 20.2 | 40.7 | 9.43 | NA | 0 |
| 7-1-24 | 0 | 16.3 | 33.5 | 8.95 | NA | 0 |
| 8-5-24 | 0 | 28.9 | 38.7 | 9.87 | NA | 0 |
| 9-9-24 | 0 | 15.7 | 10.9 | 9.43 | NA | 0 |
| 10-14-24 | 0 | 25.1 | 47.0 | 10.32 | NA | 0 |
| 11-4-24 | 0.001 | 18.4 | 44.0 | 8.76 | NA | 20 |
| 12-2-24 | 0.001 | 15.0 | 18.5 | 8.66 | NA | 20 |

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

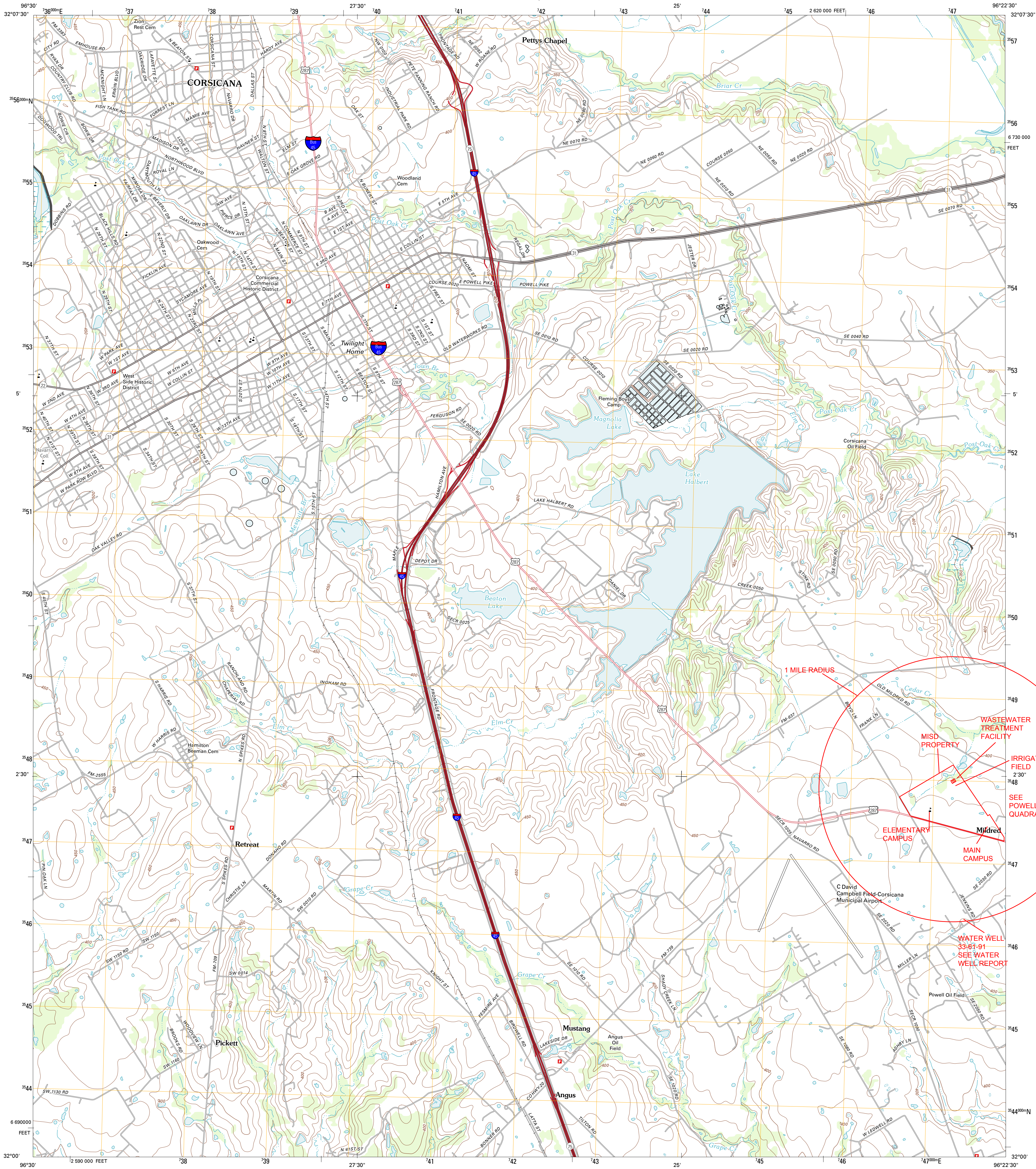
pH is high due to disinfectant chemicals used in the school for student health and safety.



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

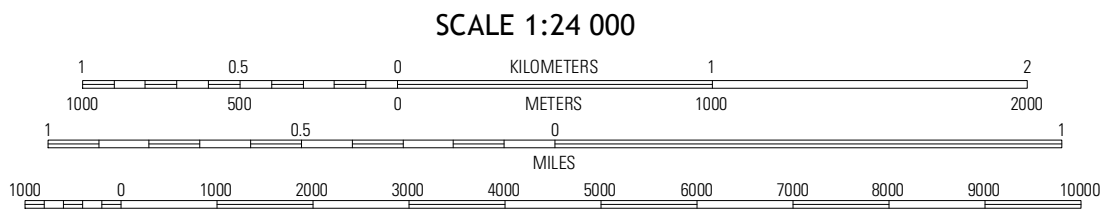
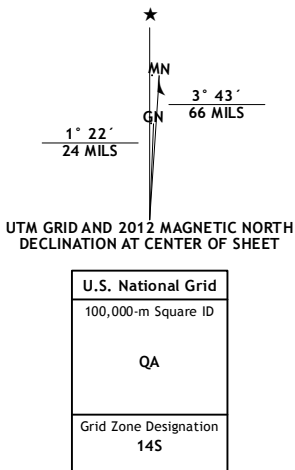


CORSICANA QUADRANGLE
TEXAS-NAVARRO CO.
7.5-MINUTE SERIES



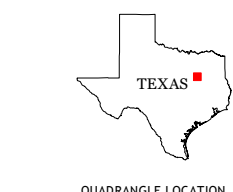
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 14S
10 000-foot ticks: Texas Coordinate System of 1983 (north
central zone)

Imagery.....NAIP, August 2010
Roads.....©2006-2012 TomTom
Names.....GNSS, 2012
Hydrography.....National Hydrography Dataset, 2010
Contours.....National Elevation Dataset, 2003
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012

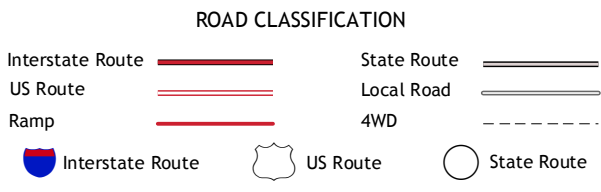


CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.7



| | | |
|---------|-----------|-----------|
| Emhouse | Chaffield | Buzette |
| Corbet | Corsicana | Powell |
| Purdon | Richland | Streetman |



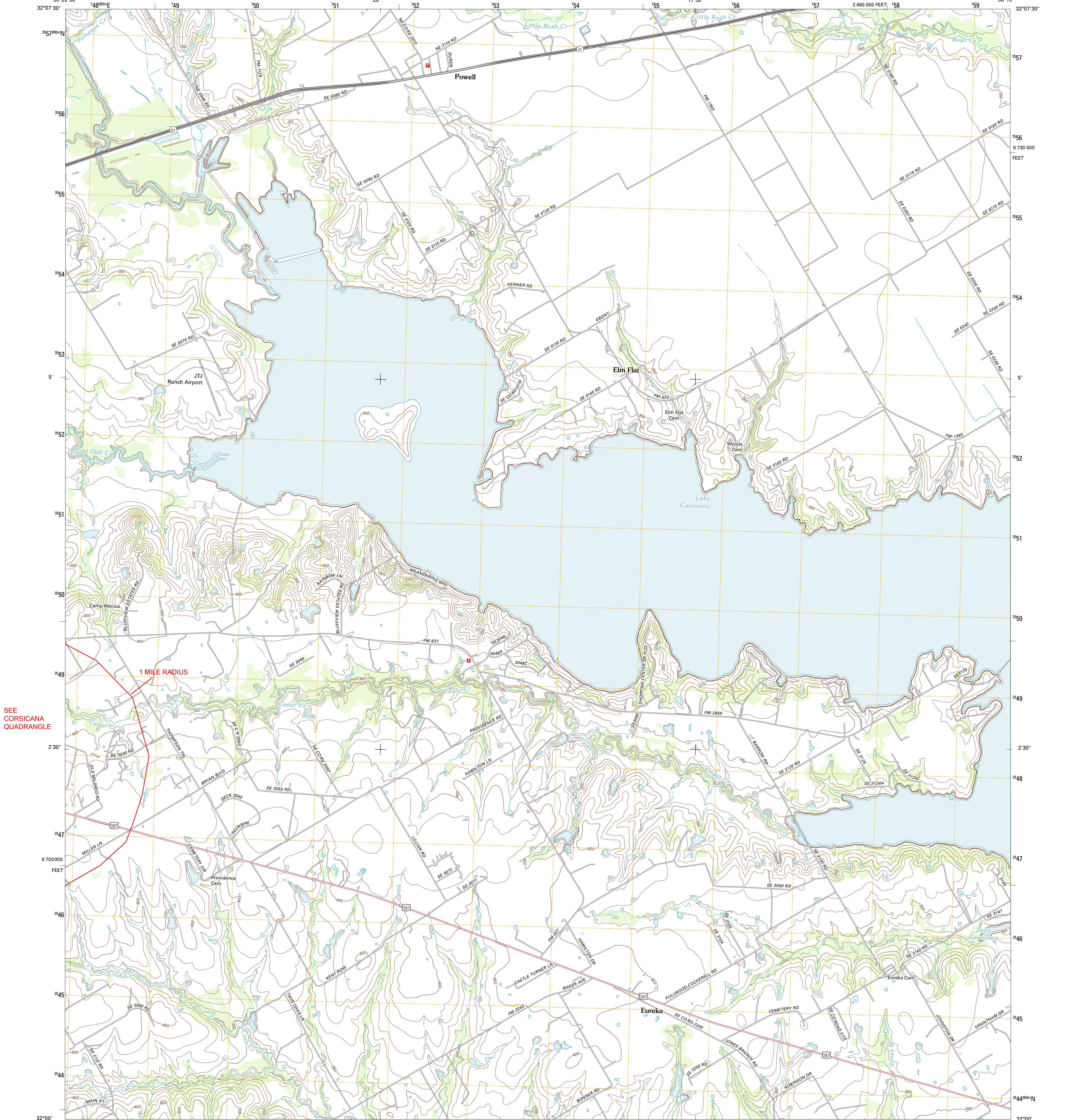
CORSICANA, TX
2012



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

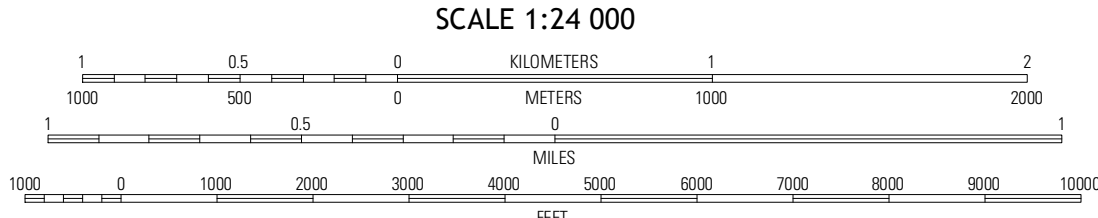
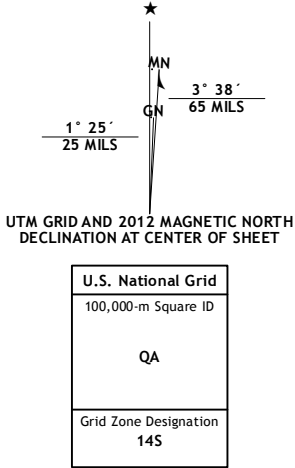


POWELL QUADRANGLE
TEXAS-NAVARRO CO.
7.5-MINUTE SERIES

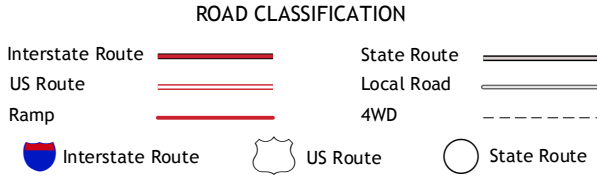
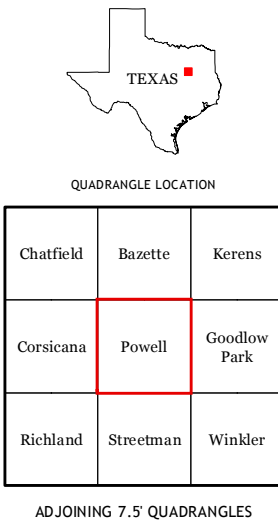


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 14S
10 000-foot ticks: Texas Coordinate System of 1983 (north
central zone)

Imagery.....NAIP, August 2010
Roads.....©2006-2012 TomTom
Names.....GNIS, 2012
Hydrography.....National Hydrography Dataset, 2010
Contours.....National Elevation Dataset, 2003
Boundaries.....Census, IBWC, IBC, USGS, 1972 - 2012



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.7



POWELL, TX
2012

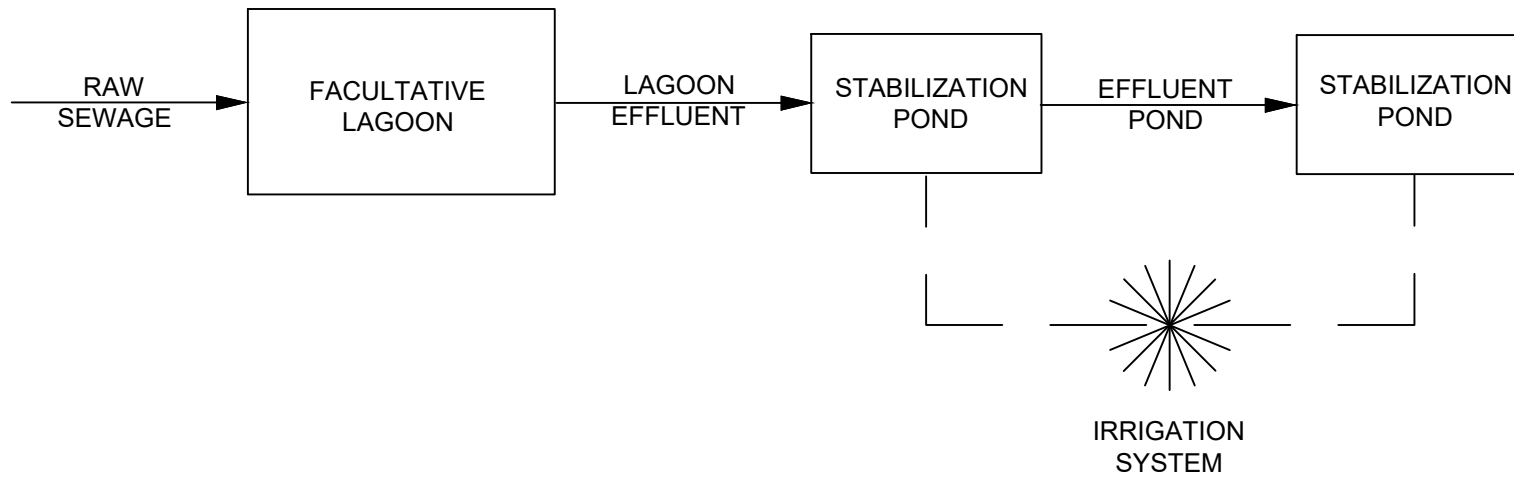


FIGURE 2
MILDRED ISD WWTP
FLOW DIAGRAM

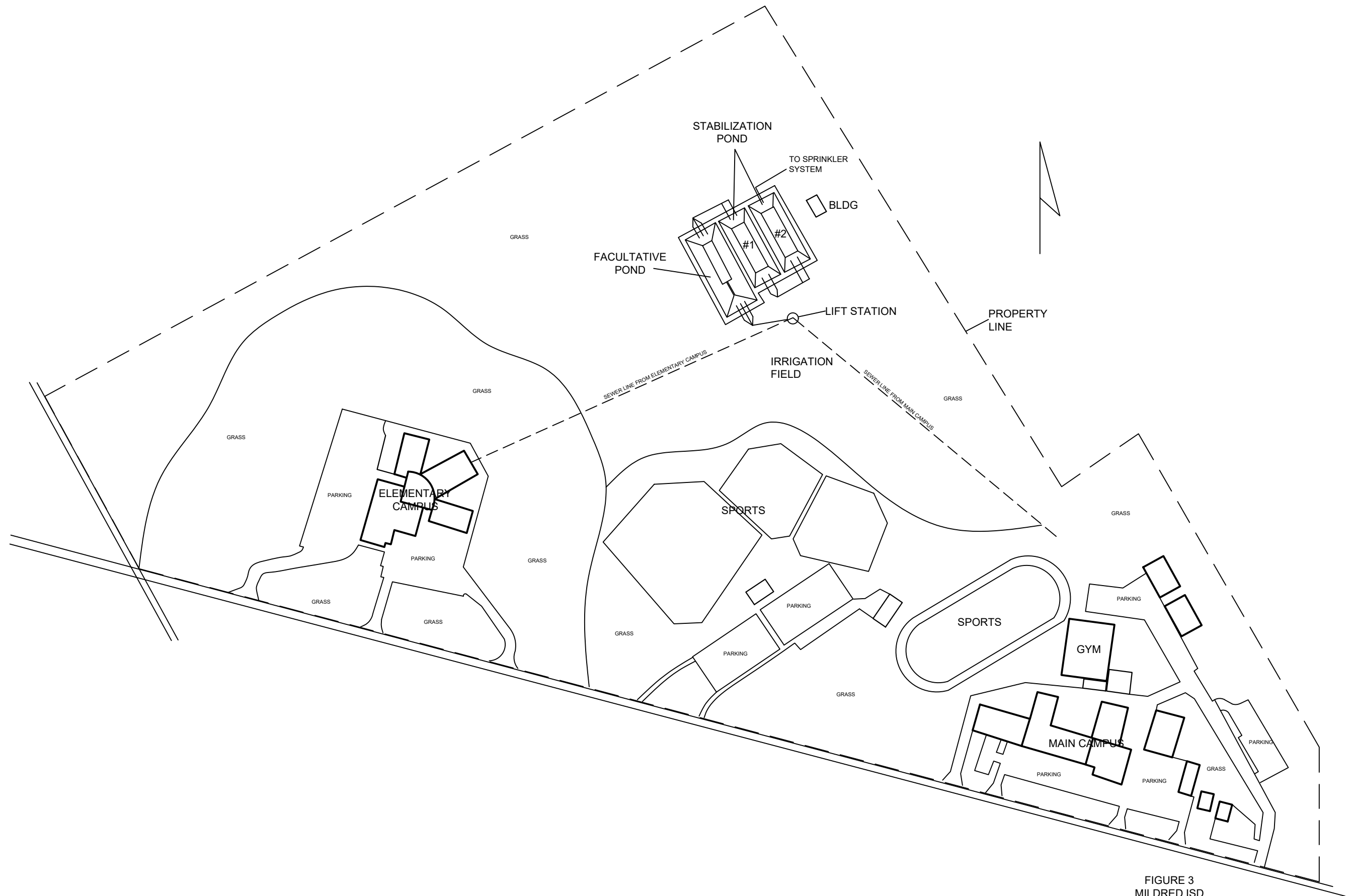


FIGURE 3
MILDRED ISD
5475 S. HIGHWAY 287
CORSICANA, TX
SITE PLAN



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 600788772 | | RN 101512051 |

SECTION II: Customer Information

| | | | |
|---|---------------------------------------|--|--|
| 4. General Customer Information | | 5. Effective Date for Customer Information Updates (mm/dd/yyyy) | |
| <input type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts) | | | |
| <i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i> | | | |
| 6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) | | If new Customer, enter previous Customer below: | |
| | | | |
| 7. TX SOS/CPA Filing Number | 8. TX State Tax ID (11 digits) | 9. Federal Tax ID (9 digits) | 10. DUNS Number (if applicable) |
| | | | |
| 11. Type of Customer: | <input type="checkbox"/> Corporation | <input type="checkbox"/> Individual | Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited |
| Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other | | <input type="checkbox"/> Sole Proprietorship | <input type="checkbox"/> Other: |
| 12. Number of Employees <input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher | | 13. Independently Owned and Operated? <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| 14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following | | | |
| <input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant | | | |
| 15. Mailing Address: | | | |
| | City | State | ZIP |
| 16. Country Mailing Information (if outside USA) | | 17. E-Mail Address (if applicable) | |
| | | whortonc@mildredisd.orgt | |
| 18. Telephone Number | 19. Extension or Code | 20. Fax Number (if applicable) | |
| (903) 872-6505 | | () - | |

SECTION III: Regulated Entity Information

| | |
|--|--|
| 21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.) | |
| <input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information | |
| <i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i> | |
| 22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.) | |
| | |

| | | | | | | | |
|--|------|--|-------|--|-----|--|---------|
| 23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i> | | | | | | | |
| | City | | State | | ZIP | | ZIP + 4 |
| 24. County | | | | | | | |

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

| | | | | | | | |
|--|---|---------|--|--------------------------------------|--|-------------------------|---------|
| 25. Description to Physical Location: | | | | | | | |
| 26. Nearest City | | | | | State | Nearest ZIP Code | |
| | | | | | | | |
| <i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i> | | | | | | | |
| 27. Latitude (N) In Decimal: | | | | 28. Longitude (W) In Decimal: | | | |
| Degrees | Minutes | Seconds | Degrees | Minutes | Seconds | | |
| | | | | | | | |
| 29. Primary SIC Code (4 digits) | 30. Secondary SIC Code (4 digits) | | 31. Primary NAICS Code (5 or 6 digits) | | 32. Secondary NAICS Code (5 or 6 digits) | | |
| | | | | | | | |
| 33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i> | | | | | | | |
| | | | | | | | |
| 34. Mailing Address: | | | | | | | |
| | City | | State | | ZIP | | ZIP + 4 |
| 35. E-Mail Address: | | | | | | | |
| 36. Telephone Number | 37. Extension or Code | | 38. Fax Number <i>(if applicable)</i> | | | | |
| () - | | | () - | | | | |

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 checked="" type="checkbox"/> Petroleum Storage Tank | <input type="checkbox"/> PWS |
| | | | 36194 | |
| <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: |
| | WQ0011646001 | | | |

SECTION IV: Preparer Information

| | | | |
|-----------------------------|----------------------|-----------------------|---------------------------|
| 40. Name: | J. C. Wyatt | 41. Title: | Consultant |
| 42. Telephone Number | 43. Ext./Code | 44. Fax Number | 45. E-Mail Address |
| (972) 723-9509 | | () - | jc.wyatt@cpi-tx.com |

SECTION V: Authorized Signature

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

| | | | |
|-------------------------|-------------------------------------|-------------------|-------------------|
| Company: | Mildred Independent School District | Job Title: | Superintendent |
| Name (In Print): | Chris Whorton | Phone: | (903) 872- 6505 |
| Signature: | | Date: | |

ATTACHMENT B

Worksheet 3, Item 5

Not Applicable - Annual Cropping Plan

The permit stipulates that the permittee shall apply waste water via surface irrigation to non-public access pasture land consisting of native vegetation and mesquite trees. No specific crop requirements are stipulated in the permit

Prepared for:
COMPLIANCE PARTNERS, INC.
402 E. Avenue G
Midlothian, TX 76065



ATTACHMENT C

Water Well Report

Mildred ISD

5475 S Highway 287

Corsicana, TX 75109

Navarro County

ES-144662

Tuesday, October 01, 2024

Table of Contents



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| Topographic Overlay Map - 0.5 Mile Radius | 6 |
| Current Imagery Overlay Map - 0.5 Mile Radius | 7 |
| Zip Code Map - 0.5 Mile Radius | 8 |
| Water Well Summary | 9 |
| Dataset Descriptions | 10 |
| Disclaimer | 11 |

Geographic Summary



Location

Navarro County, TX

Coordinates

Lat/Long in Degrees Minutes Seconds 32° 2' 17.21", -96° 22' 49.78"

Lat/Long in Decimal Degrees 32.038113449442, -96.3804934206543

X/Y in NAD83 / UTM Zone 14N 747361.949114085, 3547661.2370223

Elevation

Subject Property lies 422.11 feet above sea level.

Zip Codes Searched

| Search Distance | Zip Codes |
|-----------------|-----------|
|-----------------|-----------|

| | |
|------------------|-------|
| Subject Property | 75109 |
|------------------|-------|

| | |
|-----------|-------|
| 0.5 miles | 75109 |
|-----------|-------|

Topos Searched

| Search Distance | Topo Name |
|-----------------|-----------|
|-----------------|-----------|

| | |
|------------------|------------------|
| Subject Property | Corsicana (1976) |
|------------------|------------------|

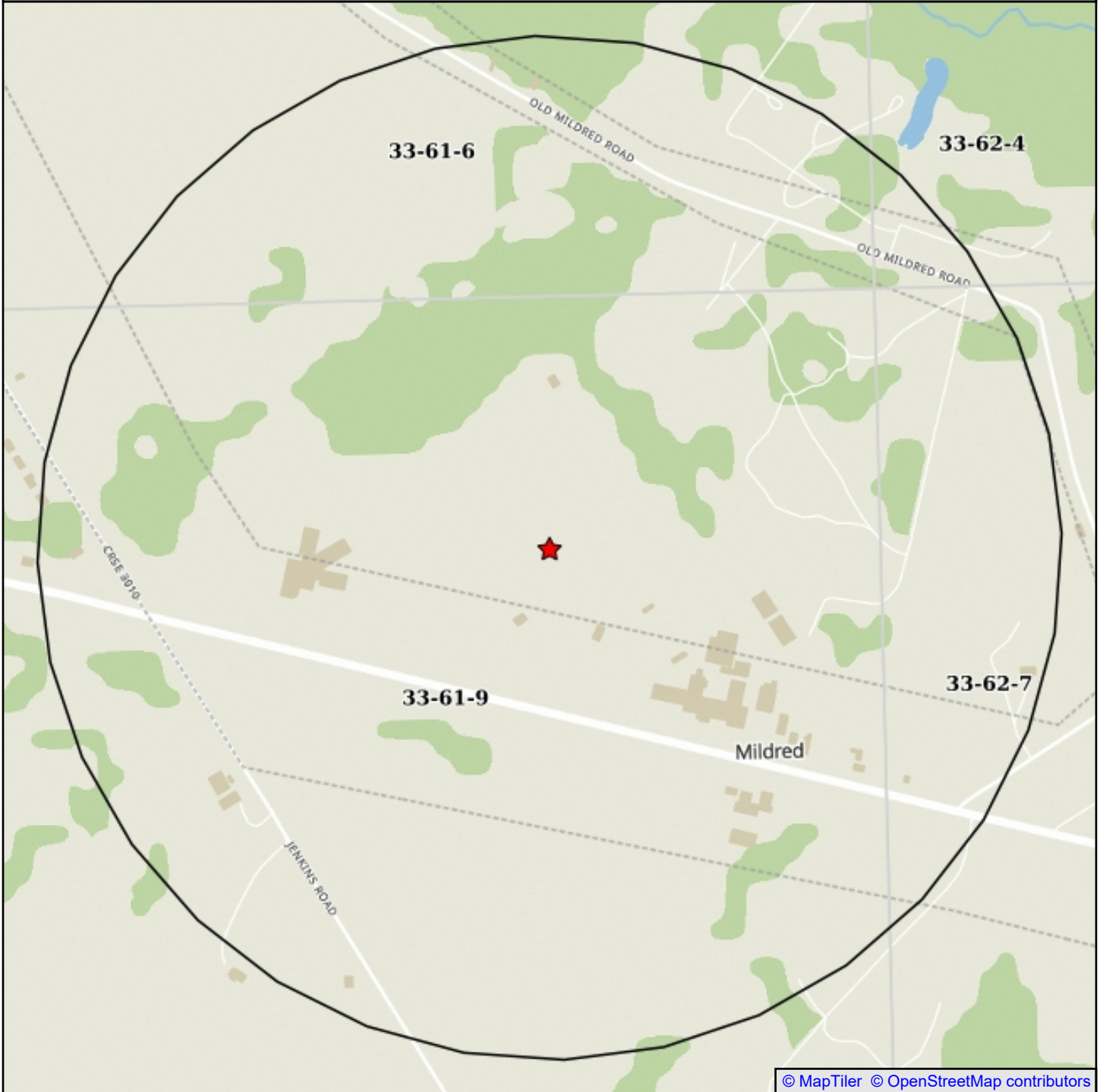
| | |
|-----------|--------------------------|
| 0.5 miles | Powell, Corsicana (1976) |
|-----------|--------------------------|

Water Well Summary



| Datasets Searched | Distance | Total |
|------------------------------------|----------|-------|
| US Water Well (WW) | 0.5 | 0 |
| TX Groundwater Supply (GWS) | 0.5 | 0 |
| TX Historical Water Well (HIST) | 0.5 | 0 |
| TX Public Water Supply (PWS) | 0.5 | 0 |
| TX Submitted Drillers Report (SDR) | 0.5 | 0 |
| Total Wells Found | | 0 |

Summary Map - 0.5 Mile Radius



© MapTiler © OpenStreetMap contributors

Mildred ISD

● Single Water Well ● Water Well Cluster
US WW, TX GWS, TX HIST, TX PWS
TX SDR

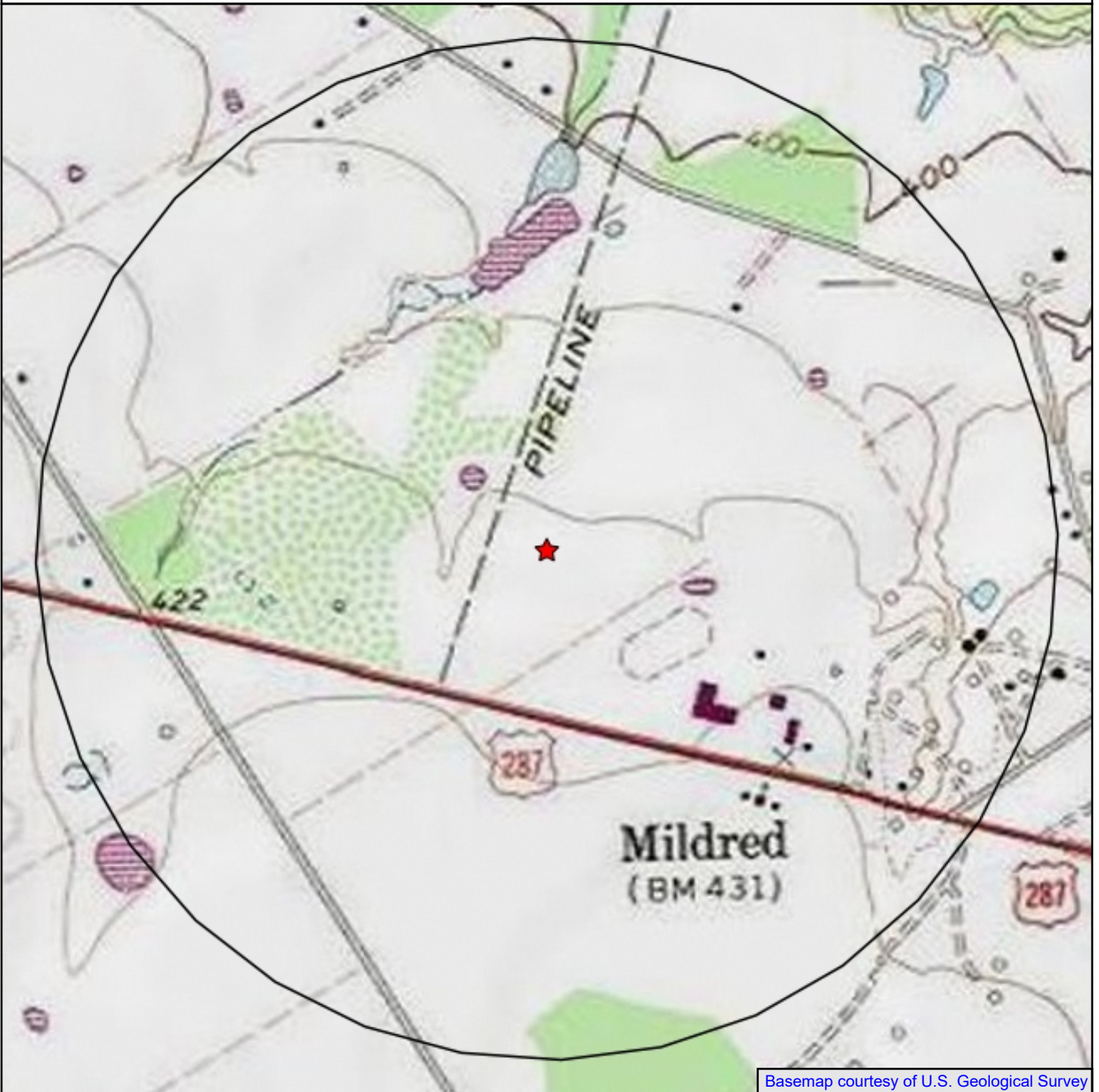
★ Subject Site
□ Search Buffer
□ Texas Quad Index

0' 500' 1000'
1:9000
1 in = 750 ft
1 in = 0.142 mi
1 cm = 90 m
1 cm = 0.090 km



NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Topographic Overlay Map - 0.5 Mile Radius



Basemap courtesy of U.S. Geological Survey

Mildred ISD

● Single Water Well ● Water Well Cluster

US WW, TX GWS, TX HIST, TX PWS
TX SDR

★ Subject Site
□ Search Buffer

Subject Property Quad Name(s)
See Geographic Summary

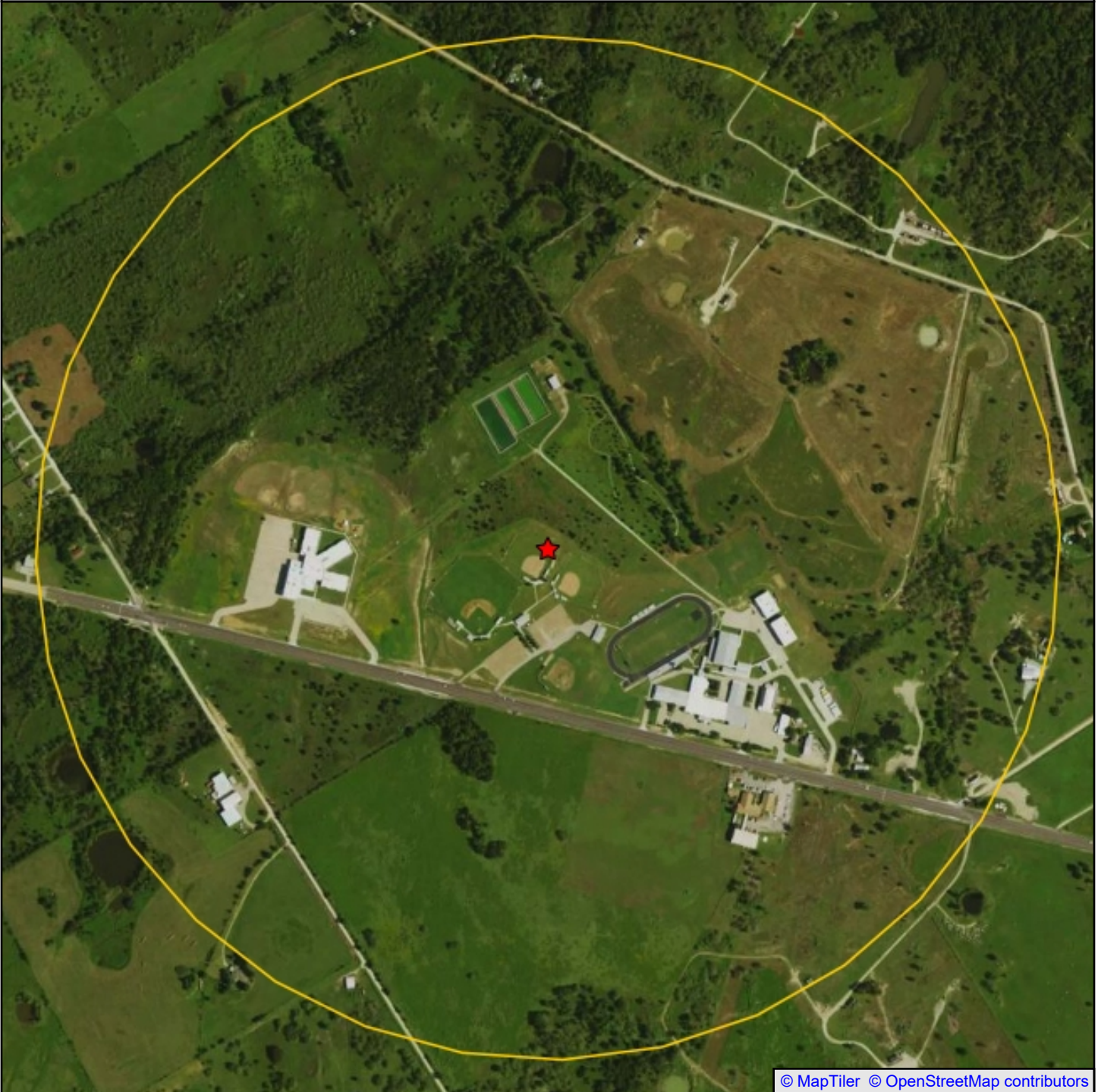
0' 500' 1000'

1:9000
1 in = 750 ft
1 in = 0.142 mi
1 cm = 90 m
1 cm = 0.090 km



NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Current Imagery Overlay Map - 0.5 Mile Radius



© MapTiler © OpenStreetMap contributors

Mildred ISD

● Single Water Well ● Water Well Cluster

US WW, TX GWS, TX HIST, TX PWS
TX SDR

★ Subject Site

□ Search Buffer

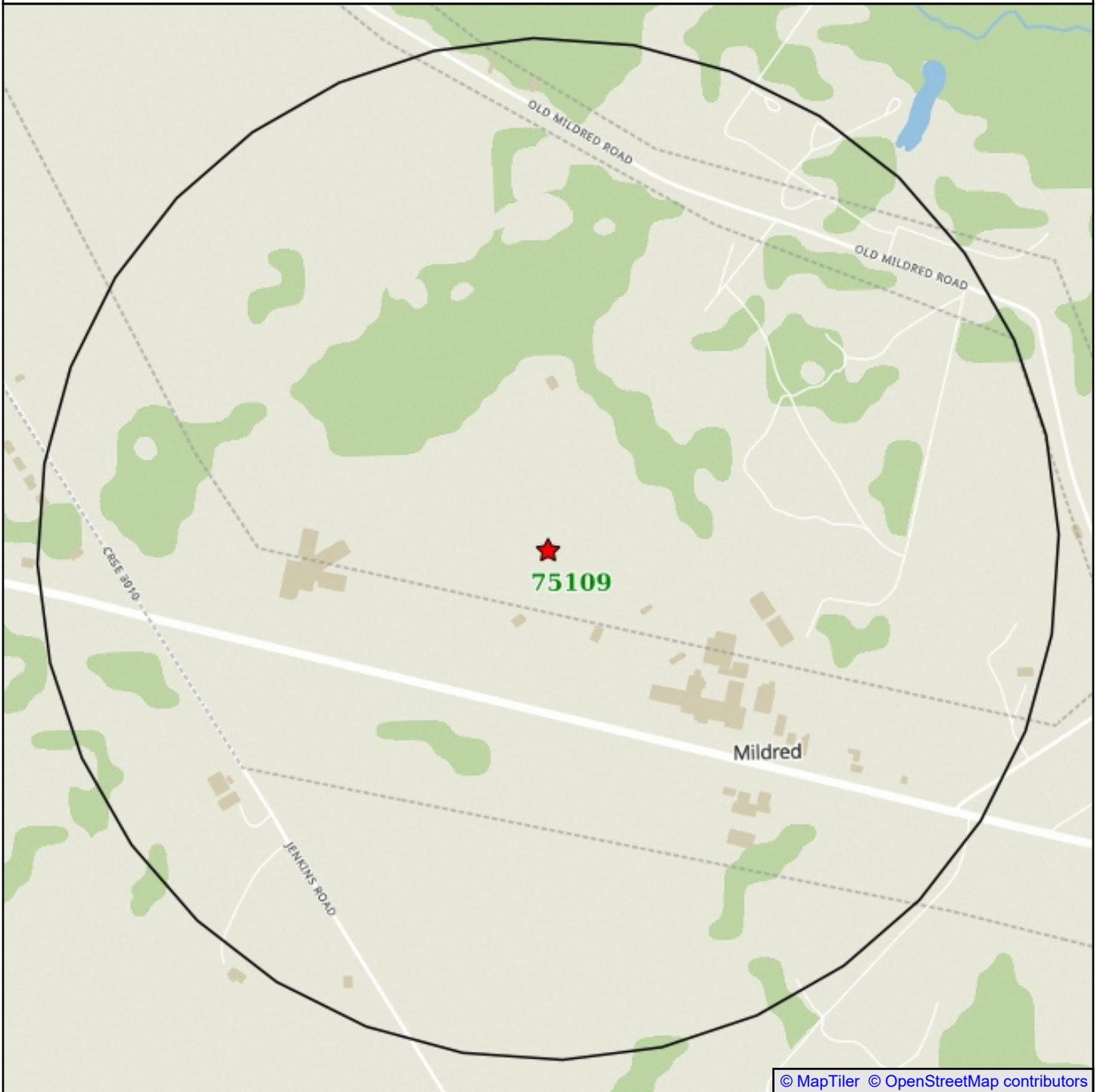
0' 500' 1000'

1:9000
1 in = 750 ft
1 in = 0.142 mi
1 cm = 90 m
1 cm = 0.090 km



NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Zip Code Map - 0.5 Mile Radius



© MapTiler © OpenStreetMap contributors

Mildred ISD

● Single Water Well ● Water Well Cluster
US WW, TX GWS, TX HIST, TX PWS
TX SDR

★ Subject Site
□ Search Buffer
■ Zip Code Boundary

0' 500' 1000'
1:9000
1 in = 750 ft
1 in = 0.142 mi
1 cm = 90 m
1 cm = 0.090 km



NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Banks Environmental Data performed a thorough search and no water wells were found.

Dataset Descriptions and Sources



| Dataset | Source | Dataset Description | Update Schedule | Requested Date | Received Date | Update Date | Source Update Date |
|--------------------------------------|-------------------------------|--|-----------------|----------------|---------------|-------------|--------------------|
| GWS - Groundwater Supply (TX) | Texas Water Development Board | This dataset contains water well records contained within Texas Water Development Board Groundwater Database. | Quarterly | 2024-09-27 | 2024-09-27 | 2024-09-27 | 2024-09-27 |
| HIST - Historical Water Well (TX) | TCEQ | This dataset contains all historical water well records searched from the TCEQ Public Water Well Viewer. Banks Environmental Data plots each well record based on location information found on the log. | Historical | | | | |
| WW - Water Well (US) | U.S. Geological Survey | This dataset contains groundwater well records from the U.S. Geological Survey. | Quarterly | 2024-09-10 | 2024-09-10 | 2024-09-10 | 2024-09-10 |
| PWS - Public Water Supply (TX) | TCEQ | This dataset contains a collection of records from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. | Quarterly | 2024-07-01 | 2024-07-02 | 2024-07-05 | 2024-07-02 |
| SDR - Submitted Drillers Report (TX) | Texas Water Development Board | This dataset contains water well records from the Texas Water Development Board Submitted Drillers Reports Database. | Quarterly | 2024-09-26 | 2024-09-26 | 2024-09-26 | 2024-09-26 |

Disclaimer



The Banks Environmental Data Water Well Report was prepared from existing state water well databases and/or additional file data/records research conducted at the state agency and the U.S. Geological Survey. Banks Environmental Data has performed a thorough and diligent search of all groundwater well information provided and recorded. All mapped locations are based on information obtained from the source. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the appropriate regulatory authority or the actual driller. It may be possible that some water well schedules and logs have never been submitted to the regulatory authority by the water driller and, thus, may explain the possible unaccountability of privately drilled wells. It is uncertain if the above listing provides 100% of the existing wells within the area of review. Therefore, Banks Environmental Data cannot fully guarantee the accuracy of the data or well location(s) of those maps and records maintained by the regulatory authorities.

ATTACHMENT D

Soil Map—Navarro County, Texas
(Mildred ISD)



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

1/23/2025
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Navarro County, Texas

Survey Area Data: Version 20, Aug 30, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 3, 2022—Apr 7, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

| Map Unit Symbol | Map Unit Name | Acres in AOI | Percent of AOI |
|------------------------------------|--|--------------|----------------|
| CrA | Crockett fine sandy loam, 0 to 1 percent slopes | 33.1 | 27.2% |
| CrB | Crockett fine sandy loam, 1 to 3 percent slopes | 34.8 | 28.7% |
| W | Water | 4.2 | 3.5% |
| WIA | Mabank very fine sandy loam, 0 to 1 percent slopes | 49.3 | 40.6% |
| Totals for Area of Interest | | 121.4 | 100.0% |



ANALYTICAL REPORT

January 16, 2023

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Mildred ISD

Sample Delivery Group: L1574161
Samples Received: 01/09/2023
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:

Reagan Johnson
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1574161

DATE/TIME:
01/16/23 16:54

PAGE:
1 of 11

TABLE OF CONTENTS

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| Cp: Cover Page | 1 |
| Tc: Table of Contents | 2 |
| Ss: Sample Summary | 3 |
| Cn: Case Narrative | 4 |
| Sr: Sample Results | 5 |
| EFFLUENT L1574161-01 | 5 |
| Qc: Quality Control Summary | 6 |
| Gravimetric Analysis by Method 2540D | 6 |
| Wet Chemistry by Method SM5210B | 7 |
| Gl: Glossary of Terms | 8 |
| Al: Accreditations & Locations | 9 |
| Sc: Sample Chain of Custody | 10 |

| |
|-----------------|
| ¹ Cp |
| ² Tc |
| ³ Ss |
| ⁴ Cn |
| ⁵ Sr |
| ⁶ Qc |
| ⁷ Gl |
| ⁸ Al |
| ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1574161-01 WW

Collected by
Willie Roschetzky

Collected date/time
01/09/23 14:28

Received date/time
01/09/23 16:28

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG1988110 | 1 | 01/13/23 08:01 | 01/13/23 09:47 | QQT | Allen, TX |
| Wet Chemistry by Method SM5210B | WG1986247 | 1 | 01/10/23 15:50 | 01/15/23 10:31 | SMC | Allen, TX |

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

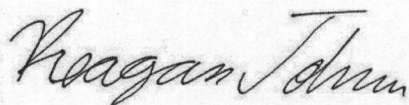
⁷ Gl

⁸ Al

⁹ Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Reagan Johnson
Project Manager

| | |
|---|----|
| 1 | Cd |
| 2 | Tc |
| 3 | Ss |
| 4 | Cn |
| 5 | Sr |
| 6 | Qc |
| 7 | Gl |
| 8 | Al |
| 9 | Sc |

EFFLUENT

Collected date/time: 01/09/23 14:28

SAMPLE RESULTS - 01

L1574161

Gravimetric Analysis by Method 2540D

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|------------------|----------------|-----------|-------------|----------|-------------------------|------------------|
| Suspended Solids | 19.5 | | 12.5 | 1 | 01/13/2023 09:47 | <u>WG1988110</u> |

Wet Chemistry by Method SM5210B

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|---------|----------------|-----------------|-------------|----------|-------------------------|------------------|
| BOD | 13.1 | <u>B1 J+ K9</u> | 1.00 | 1 | 01/15/2023 10:31 | <u>WG1986247</u> |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG1988110

Gravimetric Analysis by Method 2540D

QUALITY CONTROL SUMMARY

L1574161-01

Method Blank (MB)

(MB) R3881030-1 01/13/23 09:47

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|--------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

L1574512-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1574512-03 01/13/23 09:47 • (DUP) R3881030-3 01/13/23 09:47

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 13800 | 13400 | 1 | 2.95 | | 10 |

L1574512-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1574512-04 01/13/23 09:47 • (DUP) R3881030-4 01/13/23 09:47

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 13700 | 13800 | 1 | 0.727 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R3881030-2 01/13/23 09:47

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------|----------------------|--------------------|---------------|------------------|---------------|
| Suspended Solids | 836 | 867 | 104 | 85.0-115 | |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 Al

9

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1574161DATE/TIME:
01/16/23 16:54PAGE:
6 of 11

WG1986247

Wet Chemistry by Method SM52108

QUALITY CONTROL SUMMARY

L1574161-01

Method Blank (MB)

(MB) R3881216-1 01/15/23 10:02

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | 0.295 | B1 | 0.200 | 0.200 |

L1574140-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1574140-01 01/15/23 10:22 • (DUP) R3881216-3 01/15/23 11:09

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 95.2 | 190 | 1 | 66.2 | J3 K9 | 20 |

L1574161-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1574161-01 01/15/23 10:31 • (DUP) R3881216-4 01/15/23 11:11

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 13.1 | 13.8 | 1 | 5.65 | K9 | 20 |

Laboratory Control Sample (LCS)

(LCS) R3881216-2 01/15/23 10:07

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 232 | 117 | 85-115 | J+ |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 Al

9 Sc

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1574161DATE/TIME:
01/16/23 16:54PAGE:
7 of 11

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

| Qualifier | Description |
|-----------|--|
| B1 | The blank depletion was greater than the recommended maximum depletion of 0.2mg/L. |
| J3 | The associated batch QC was outside the established quality control range for precision. |
| J+ | The associated batch QC was outside the upper control limits; associated data has a potential positive bias. |
| K9 | Test replicates show more than 30% difference between high and low values. |

| | |
|---|----|
| 1 | Cd |
| 2 | Tc |
| 3 | Ss |
| 4 | Cn |
| 5 | Sr |
| 6 | Qc |
| 7 | Gl |
| 8 | Al |
| 9 | Sc |

ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-22-37 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



CHAIN-OF-CUSTODY Analytical Request Document

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

ALL SHADED AREAS are for LAB USE ONLY

Company: Mildred ISD
Address: 5475 US-287 Corsicana TX 75109
Setup By (Name):

LAB Profile/Lens: T157065

Container & Preservative Type **

**Container and preservation type correspond with the analysis directly below

Pick Up Date: Setup By (Signature):

Pick Up Time: Pick Up By/Sample Collector (Signature):

Pick Up By/Sample Collector (Name): Willie Roscher
Automated Sampler Information

Sampler Identification n: Composite sample collected on ice? ☐ Yes ☐ NoSampler Volume: Sample Interval: ☐ Yes ☐ No

Mode Switch:

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (BI), Vapor (V), Other (OT)

Customer Sample ID Matrix Comp Grab Collected (for Composite Start) Composite End pH Temp # of Ctes

Effluent WW Comp 1/9/23 1428 9.08 17 2 x x

P. 100mm

Analyses

Treatments

Field Filtered for Hexavalent Chromium (if applicable): ☐ Yes ☐ No

Note: hexavalent chromium samples are preserved in the lab with 1 N NaOH and Ammonium Sulfate Buffer

Cyanide Interference Check (if applicable)

Chlorine present? ☐ Yes ☐ No ☐

Chlorine Treatment Date/Time:

Sulfide Present? ☐ Yes ☐ No ☐

Sulfide Treatment Date / Time

+ LAB USE ONLY: + Lab Sample # / Comments

L1574161 -01

Customer Remarks/ Special Conditions/ Possible Hazards:

Additional Field Data Info:

Dissolved Oxygen: mg/L Temp (°C):

Chlorine residual mg/L

Field data collected at time of autosampler setup unless noted
Field data for grab samples analyzed at time of collection unless otherwise noted

Relinquished by/Company: (Signature)

Date/Time: 1/9/23 1628

Received by/Company: (Signature)

Date/Time: 1/9/23 1628

Relinquished by/Company: (Signature)

Date/Time: 1/10/23 0700

Received by/Company: (Signature)

Date/Time: 1/10/23 0700

Relinquished by/Company: (Signature)

Date/Time: 1/10/23 0800

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Received by/Company: (Signature)


Date/Time: 1/10/23 0800

Relinquished by/Company: (Signature)

Date/Time: 1/10/23 0800

Received by/Company: (Signature)

Date/Time: 1/10/23 0800

| | | |
|--|---|--|
|  | Document Name: Sample Condition Upon Receipt | Document Revised: 7/27/20 Page 1 of 1 |
| | Document No.: F-DAL-C-001-rev. 14 | Issuing Authority: Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas ☒ Ft Worth ☐ Corpus Christi ☐ Austin

Client Name: Milbank TSD Project Work order (place label): L1574161

Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☒ Other: _____

Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☒

Received on Ice: Wet ☒ Blue ☐ No Ice ☐

Receiving Lab 1 Thermometer Used: FWTM18

Receiving Lab 2 Thermometer Used: JR16

Cooler Temp °C: 1.0 (Recorded) +0.1 (Correction Factor) 1.1 (Actual)

Cooler Temp °C: 23 (Recorded) +0.5 (Correction Factor) 23.5 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: AH Date: 7/9/23

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Login Person: AH Date: 7/9

| | |
|--|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| pH Strips: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| CI Strips: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Lead Acetate Strips: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| State Sampled: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Labeling Person (if different than log-in): _____ Date: _____



ANALYTICAL REPORT

February 13, 2023

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Mildred ISD

Sample Delivery Group: L1582540
Samples Received: 02/06/2023
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:

Reagan Johnson
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

ACCOUNT:
Mildred ISD

PROJECT:

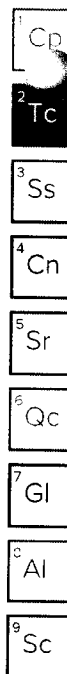
SDG:
L1582540

DATE/TIME:
02/13/23 16:56

PAGE:
1 of 11

TABLE OF CONTENTS

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| Sr: Sample Results | 5 |
| EFFLUENT L1582540-01 | 5 |
| Qc: Quality Control Summary | 6 |
| Gravimetric Analysis by Method 2540D | 6 |
| Wet Chemistry by Method 5210 B-2016 | 7 |
| Gl: Glossary of Terms | 8 |
| Al: Accreditations & Locations | 9 |
| Sc: Sample Chain of Custody | 10 |



SAMPLE SUMMARY

EFFLUENT L1582540-01 WW

Collected by Willie Roschetzky Collected date/time 02/06/23 12:04 Received date/time 02/06/23 14:35

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2003151 | 1 | 02/09/23 10:19 | 02/09/23 11:40 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2001683 | 1 | 02/07/23 17:16 | 02/12/23 11:45 | SMC | Allen, TX |

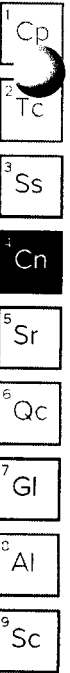
- Cp
- Tc
- Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Reagan Johnson
Project Manager



EFFLUENT

SAMPLE RESULTS - 01

Collected date/time: 02/06/23 12:04

L1582540

Additional Information - Results for field analyses are not accredited to ISO 17025

| Analyte | Result | Units |
|-----------------------|--------|-------|
| Sampler Affiliation | Pace | |
| pH (On Site) | 8.36 | su |
| Temperature (on-site) | 14 | Deg C |

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|-----------|
| | mg/l | | mg/l | | | |
| Suspended Solids | ND | | 20.8 | 1 | 02/09/2023 11:40 | WG2003151 |

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|-----------|
| | mg/l | | mg/l | | | |
| BOD | 9.97 | | 6.00 | 1 | 02/12/2023 11:45 | WG2001683 |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

WG2003151

Gravimetric Analysis by Method 2540D

QUALITY CONTROL SUMMARY

L1582540-01

Method Blank (MB)

(MB) R3889482-1 02/09/23 11:40

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|--------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

L1582513-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1582513-01 02/09/23 11:40 • (DUP) R3889482-3 02/09/23 11:40

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 40.0 | 35.0 | 1 | 13.3 | P1 | 10 |

L1582520-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1582520-01 02/09/23 11:40 • (DUP) R3889482-4 02/09/23 11:40

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 80.0 | 82.0 | 1 | 2.47 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R3889482-2 02/09/23 11:40

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------|----------------------|--------------------|---------------|------------------|---------------|
| Suspended Solids | 825 | 839 | 102 | 85.0-115 | |

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1582540DATE/TIME:
02/13/23 16:56PAGE:
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WG2001683

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 5210.8-2016

L1582540-01

Method Blank (MB)

(MB) R3889956-1 02/12/23 11:30

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | U | | 0.200 | 0.200 |

L1582540-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1582540-01 02/12/23 11:45 • (DUP) R3889956-3 02/12/23 12:25

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits |
|---------|-------------------------|--------------------|----------|--------------|---------------|-------------------|
| BOD | 9.97 | 9.43 | 1 | 5.57 | | 20 |

L1582661-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1582661-01 02/12/23 11:55 • (DUP) R3889956-4 02/12/23 12:26

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits |
|---------|-------------------------|--------------------|----------|--------------|---------------|-------------------|
| BOD | 5.48 | 6.24 | 1 | 13 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R3889956-2 02/12/23 11:35

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 210 | 106 | 85-115 | |

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ACCOUNT:
Mildred ISD

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GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|---|
| P1 | RPD value not applicable for sample concentrations less than 5 times the reporting limit. |
|----|---|



ACCREDITATIONS & LOCATIONS

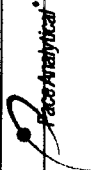
Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-22-37 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

- ¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.
 * Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

| CHAIN-OF-CUSTODY Analytical Request Document | | | | | | | | | | | | | | | LAB USE ONLY- ARX Workorder/Login Label Here or List Pace Workorder Number | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|------------------------------|---------------------------------------|--|------------------------------|--|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|--|--|--|--|--|--|--|--|--|
| Company: Mildred ISD | | | | | Outfall / Sample Location: Monthly Effluent | | | | | LAB Protocol: T107005 | | | | | ALL SHADED AREAS are for LAB USE ONLY | | | | | | | | | | | | | | | | | | | | |
| Address: 5475 US-287 Corsicana TX 75109 | | | | | Set Up By (Name): | | | | | Container & Preservative Type** | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pick Up Date: | | | | | Pickup Time: | | | | | Analyses | | | | | Treatment of Hexavalent Chromium Samples | | | | | | | | | | | | | | | | | | | | |
| Pick Up By/Sample Collector (Name): <i>Willie Roschetzky</i> | | | | | Pick Up By/Sample Collector (Signature): <i>Willie Roschetzky</i> | | | | | Shaded area for Lab Use Only | | | | | Field Filtered for Hexavalent Chromium (if applicable) <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | |
| Automated Sampler Information | | | | | Composite sample collected on ice? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | Note: hexavalent chromium samples are preserved in the lab with 1 N NaOH and Antimony Sulfate Buffer. | | | | | | | | | | | | | | | | | | | | |
| Sampler Identification: | | | | | Sample Interval: | | | | | | | | | | Cyanide Interference Check (if applicable) | | | | | | | | | | | | | | | | | | | | |
| Mode: | | | | | Matrix Code: | | | | | | | | | | Chlorine present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Chlorine Treatment Date/Time: | | | | | | | | | | | | | | | | | | | | |
| Customer Sample ID | | | | | | | | | | | | | | | Matrix | Comp/Grab | Collected (or Composite Start) | | Composite End | | pH | Temp °C | # of Cans | BOD, TSS | pH, Temp. | Shaded area for Lab Use Only | | | | | | | | | |
| Effluent | | | | | | | | | | | | | | | ww | Grab | 2/6/23 1204 | | [Redacted] | | 8.36 | 14 | 2 | x | x | Shaded area for Lab Use Only | | | | | | | | | |
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| Shaded area for Lab Use Only | | | | | | | | | | | | | | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | | | | | | | | | |
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| Shaded area for Lab Use Only | | | | | | | | | | | | | | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | | | | | | | | | |
| Shaded area for Lab Use Only | | | | | | | | | | | | | | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | | | | | | | | | |
| Shaded area for Lab Use Only | | | | | | | | | | | | | | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | | | | | | | | | |
| Shaded area for Lab Use Only | | | | | | | | | | | | | | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | | | | | | | | | |
| Shaded area for Lab Use Only | | | | | | | | | | | | | | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | | | | | | | | | |
| Shaded area for Lab Use Only | | | | | | | | | | | | | | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | Shaded area for Lab Use Only | | | | | | | | | | |
| Shaded area for Lab Use Only | | | | | | | | | | | | | | | Shaded area for Lab Use Only | | | | | | | | | | | | | | | | | | | | |

| | | |
|---|---|---|
|  | Document Name: Sample Condition Upon Receipt | Document Revised: 7/27/20 |
| | Document No.: F-DAL-C-001-rev.14 | Page 1 of 1 Issuing Authority: Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas
 ☒ Ft Worth
 ☐ Corpus Christi
 ☐ Austin

Client Name: Nilbert ISO Project Work order (place label): US82540
 Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☒ Other: _____
 Tracking #: _____
 Custody Seal on Cooler/Box: Yes ☐ No ☒
 Received on Ice: Wet ☒ Blue ☐ No Ice ☐
 Receiving Lab 1 Thermometer Used: FWTM18 Cooler Temp °C: 0.3 (Recorded) +0.1 (Correction Factor) 0.1 (Actual)
 Receiving Lab 2 Thermometer Used: 1814 Cooler Temp °C: 1.4 (Recorded) +0.5 (Correction Factor) 1.9 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: AK Date: 2/6/23

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Login Person: _____ Date: _____

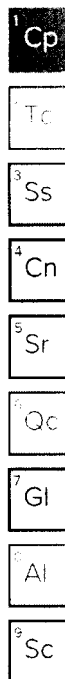
| | |
|---|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| pH Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Cl Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Lead Acetate Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> |
| State Sampled: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> |
| Non-Conformance(s): _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> |

Labeling Person (if different than log-in): _____ Date: _____



ANALYTICAL REPORT

March 20, 2023



Mildred ISD

Sample Delivery Group: L1594352
Samples Received: 03/13/2023
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:

Reagan Johnson
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1594352

DATE/TIME:
03/20/23 17:39

PAGE:
1 of 11

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SAMPLE SUMMARY

EFFLUENT L1594352-01 WW

Collected by: Willie Roschetzky
 Collected date/time: 03/13/23 13:09
 Received date/time: 03/13/23 15:55

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2025708 | 1 | 03/18/23 09:15 | 03/18/23 11:16 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2022925 | 1 | 03/14/23 15:52 | 03/19/23 10:18 | SMC | Allen, TX |

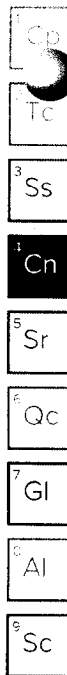
- Cp
- Tc
- Ss
- Cn
- Sr
- Qc
- GI
- Al
- Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Reagan Johnson
Project Manager



EFFLUENT

Collected date/time: 03/13/23 13:09

SAMPLE RESULTS - 01

L1594352

Additional Information - Results for field analyses are not accredited to ISO 17025

| Analyte | Result | Units |
|-----------------------|--------|-------|
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.32 | su |
| Temperature (on-site) | 18 | Deg C |

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|-----------|
| Suspended Solids | 46.0 | | 25.0 | 1 | 03/18/2023 11:16 | WG2025708 |

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|-----------|
| BOD | 22.1 | B1 | 6.00 | 1 | 03/19/2023 10:18 | WG2022925 |

Cp

Tc

3 Ss

4 Cn

Sr

6 Qc

7 Gl

8 Al

9 Sc

WG2025708

Gravimetric Analysis by Method 2540D

QUALITY CONTROL SUMMARY

L1594352-01

Method Blank (MB)

(MB) R3902944-1 03/18/23 11:16

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|--------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

L1594548-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1594548-03 03/18/23 11:16 • (DUP) R3902944-3 03/18/23 11:16

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 15000 | 15000 | 1 | 0.400 | | 10 |

L1594548-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1594548-04 03/18/23 11:16 • (DUP) R3902944-4 03/18/23 11:16

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 15000 | 15200 | 1 | 1.46 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R3902944-2 03/18/23 11:16

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------|----------------------|--------------------|---------------|------------------|---------------|
| Suspended Solids | 825 | 848 | 103 | 85.0-115 | |

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1594352DATE/TIME:
03/20/23 17:39PAGE:
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WG2022925

Wet Chemistry by Method 5210 B-2016

QUALITY CONTROL SUMMARY

L1594352-01

Method Blank (MB)

(MB) R3903108-1 03/19/23 10:06

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | 0.410 | <u>B1</u> | 0.200 | 0.200 |

L1594401-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1594401-01 03/19/23 10:19 • (DUP) R3903108-3 03/19/23 10:33

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 7.71 | 8.07 | 1 | 4.56 | <u>PS</u> | 20 |

Laboratory Control Sample (LCS)

(LCS) R3903108-2 03/19/23 10:10

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 219 | 110 | 85-115 | |

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1594352DATE/TIME:
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1.1

Tc

Ss

4. Cn

5. Sr

6. Qc

7. Gl

Al

2. Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|--|
| B1 | The blank depletion was greater than the recommended maximum depletion of 0.2mg/L. |
| K9 | Test replicates show more than 30% difference between high and low values. |



ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-22-37 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

CE

TC

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc



CHAIN-OF-CUSTODY Analytical Request Document

LAB USE ONLY: Affix Workorder/Login Label Here or List Pace Workorder Number

Company: Mildred ISD
Address: 5475 US-287 Corsicana TX 76108Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields
Outfall / Sample Location: Monthly EffluentLAB Field/Line:
T197065

ALL SHADED AREAS are for LAB USE ONLY

Setup By (Name):
Pick Up Date:
Pick Up By/Sample Collector (Name): Willie Roschety

Set Up By (Signature):

Pickup Time:

Pick Up By/Sample Collector (Signature): Willie Roschety

Automated Sampler Information

Sampler Identification:
Sampler Volume:
Sample Interval:
Mode Switch:Composite sample collected on ice?
☐ Yes ☐ No

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Sediment (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (BS), Vapor (V), Other (OT)

| Customer Sample ID | Matrix | Comp Grab | Collected (or Composite Start) | | Composite End | | pH | Temp °C | # of Cans | BOC, TSS | pH, Temp |
|--------------------|--------|-----------|--------------------------------|------|---------------|------|------|---------|-----------|----------|----------|
| | | | Date | Time | Date | Time | | | | | |
| Effluent | WW | Grab | 3/13/23 | 1309 | | | 9.32 | 18 | 2 | X | X |

| Container & Preservative Type | | | | | | | | | | | |
|-------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |

*Container and preservation type correspond with the analyzer methodology

Pre-Mix: On/Off

Analytes

Treatment of Hexavalent Chromium Samples

Field Filtered for Hexavalent Chromium (if applicable)
☐ Yes ☐ No

*Note: hexavalent chromium samples are preserved in the lab with 1 N NaOH and Ammonium Sulfate Buffer

Cyanide Interference Check (if applicable)

Chlorine present? ☐ Yes ☐ No ☐

Chlorine Treatment

Date/Time:

Sulfide Present? ☐ Yes ☐ No ☐

Sulfide Treatment

Date / Time

LAB USE ONLY: Affix Workorder/Login Label Here or List Pace Workorder Number

1574352-01

Customer Remarks/ Special Conditions/ Possible Hazards:

pH 8.4500-11.8 Temp 31.559

Additional Field Data Info:

Dissolved Oxygen: mg/L Temp (°C)


Chlorine residual: mg/L

Field data collected at time of subsampler setup unless noted
Field data for each sample collected at time of collection unless otherwise noted

| | | | |
|--|----------------------------|---|----------------------------|
| Relinquished by Company: (Signature) Willie Roschety/Pace | Date/Time: 3/13/23 1555 | Received by Company: (Signature) [Signature] | Date/Time: 3/13/23 1555 |
| Relinquished by Company: (Signature) [Signature] | Date/Time: 3/14/23 0700 | Received by Company: (Signature) [Signature] | Date/Time: 3/14/23 0700 |
| Relinquished by Company: (Signature) [Signature] | Date/Time: 3/14/23 0800 | Received by Company: (Signature) [Signature] | Date/Time: 3/14/23 0800 |
| Relinquished by Company: (Signature) [Signature] | Date/Time: 3/14/23 | Received by Company: (Signature) [Signature] | Date/Time: 3/14/23 |

P-DAL-1-F-005-Rev. 06-11/01/2000

AM 03114 123

| | | |
|---|--|--|
|  | Document Name: Sample Condition Upon Receipt | Document Revised: 7/2/20 Page 1 of 1 |
| | Document No.: F-DAL-C-001-rev.14 | Issuing Authority: Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas

☒ Ft Worth

☐ Corpus Christi

☐ Austin

Client Name: M. Idred SD

Carrier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☒ Other: 1594352

Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☒

Received on Ice: Wet ☒ Blue ☐ No Ice ☐

Receiving Lab 1 Thermometer Used: FWTM18

Receiving Lab 2 Thermometer Used: IR-19

Cooler Temp °C: 1.7 (Recorded) +0.1 (Correction Factor) 1.8 (Actual)

Cooler Temp °C: 1.7 (Recorded) 0.1 (Correction Factor) 1.8 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: CC Date: 3-13-23

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Login Person: CC Date: 3-13

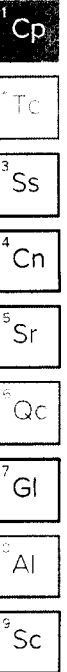
| | |
|--|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| pH Strips: _____ | |
| Residual Chlorine Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Cl Strips: _____ | |
| Sulfide Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Lead Acetate Strips: _____ | |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program/TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| State Sampled: _____ | |
| Non-Conformance(s): _____ | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Labeling Person (if different than log-in): _____ Date: _____



ANALYTICAL REPORT

April 10, 2023



Mildred ISD

Sample Delivery Group: L1601016
Samples Received: 04/03/2023
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:

Justin Carr
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

ACCOUNT:
Mildred ISD

PROJECT:

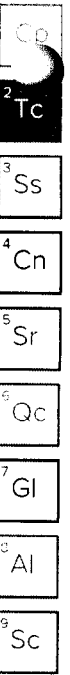
SDG:
L1601016

DATE/TIME:
04/10/23 17:08

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SAMPLE SUMMARY

EFFLUENT L1601016-01 WW

Collected by: Willie Roschetzky
 Collected date/time: 04/03/23 13:31
 Received date/time: 04/03/23 16:15

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2035312 | 1 | 04/04/23 09:39 | 04/04/23 10:15 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2035339 | 1 | 04/04/23 14:51 | 04/09/23 11:18 | SMC | Allen, TX |

Cp

Tc

Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

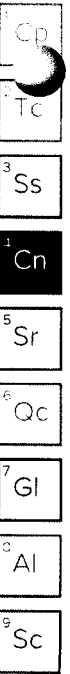
⁹Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager



EFFLUENT

Collected date/time: 04/03/23 13:31

SAMPLE RESULTS - 01

L1601016

Additional Information - Results for field analyses are not accredited to ISO 17025

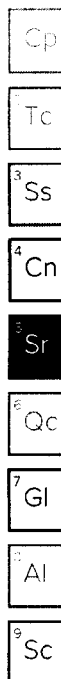
| Analyte | Result | Units |
|-----------------------|--------|-------|
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.33 | su |
| Temperature (on-site) | 26 | Deg C |

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|-----------|
| Suspended Solids | 53.3 | | 16.7 | 1 | 04/04/2023 10:15 | WG2035312 |

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|-----------|
| BOD | 18.1 | B1 | 3.75 | 1 | 04/09/2023 11:18 | WG2035339 |



WG2035312

Gravimetric Analysis by Method 2540D

QUALITY CONTROL SUMMARY

L1601016-01

Method Blank (MB)

(MB) R3909315-1 04/04/23 10:15

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|--------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

L1600993-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1600993-01 04/04/23 10:15 • (DUP) R3909315-4 04/04/23 10:15

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 2480 | 2380 | 1 | 4.12 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R3909315-2 04/04/23 10:15

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------|----------------------|--------------------|---------------|------------------|---------------|
| Suspended Solids | 961 | 1030 | 107 | 85.0-115 | |

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1601016DATE/TIME:
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WG2085339

Wet Chemistry by Method 5210 B-2016

QUALITY CONTROL SUMMARY

L1601016-01

Method Blank (MB)

(MB) R3911155-1 04/09/23 10:56

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | 0.245 | BI | 0.200 | 0.200 |

L1601007-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1601007-01 04/09/23 11:17 • (DUP) R3911155-3 04/09/23 11:46

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | ND | ND | 1 | 0 | | 20 |

L1601347-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1601347-01 04/09/23 11:40 • (DUP) R3911155-4 04/09/23 11:49

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 19.8 | 18.7 | 1 | 5.72 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R3911155-2 04/09/23 11:01

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 224 | 113 | 85-115 | |

ACCOUNT:
Mildred ISD

PROJECT:

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Cd

Te

Ss

Cn

Sr

Qc

Gl

Al

Sc

GLOSSARY OF TERMS

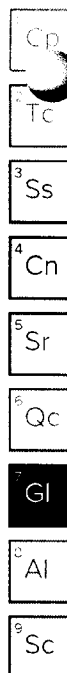
Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| MDL | Method Detection Limit. |
|------------------------------|--|
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |
| Qualifier | Description |
| B1 | The blank depletion was greater than the recommended maximum depletion of 0.2mg/L. |

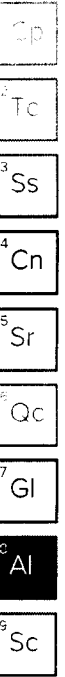


ACCREDITATIONS & LOCATIONS

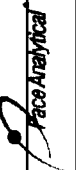
Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-22-37 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

- ¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.
 * Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



| CHAIN-OF-CUSTODY Analytical Request Document | | | | | | | | | | LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|-------------|--------------------------------|------|---|------|------|---------|----------|--|--------|-------------|--------------------------------|-----------|---|--|----|---------|----------|----------|-----------|--|--|--|--|--|--|--|--|------|------|------|------|----------|----|------|---------|------|--|--|------|----|---|---|---|--|--|--|--|--|--|--|--|---|--|--|--|--|
| <small>Chain-of-Custody is a LEGAL DOCUMENT. Complete all relevant fields.</small> | | | | | | | | | | ALL SHADED AREAS are for LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Company: Mildred ISD | | | | | Outfall / Sample Location: Monthly Effluent | | | | | LAB Workorder: T107888 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: 5475 US-287 Corsicana TX 75108 | | | | | Container & Preservative Type ** | | | | | <small>**Container and preservative type correspond with the analysis results below.</small> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Setup By (Name): | | | | | Set Up By (Signature): | | | | | Analysis | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pick Up Date: | | | | | Pickup Time: | | | | | Treatment of Hexavalent Chromium Samples | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pick Up By/Sample Collector (Name): Willie Roach | | | | | Pick Up By/Sample Collector (Signature): Willie Roach | | | | | Field Filtered for Hexavalent Chromium (if applicable) <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Automated Sampler Information | | | | | Composite sample collected on ice? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | <small>Note: hexavalent chromium samples are preserved in the lab with 1 N NaOH and Ascorbic Acid Buffer.</small> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Identification #: | | | | | Sampler Volume: | | | | | Sample Interval: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mode Switch: | | | | | | | | | | Chloride Interference Check (if applicable) Chloride present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Chloride Treatment Date/Time: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <small>* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)</small> | | | | | | | | | | Sulfide Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> <small>N/A</small> Sulfide Treatment Date / Time: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Customer Sample ID</th> <th rowspan="2">Matrix</th> <th rowspan="2">Comp. Grade</th> <th colspan="2">Collected (or Composite Start)</th> <th colspan="2">Composite End</th> <th rowspan="2">pH</th> <th rowspan="2">Temp °C</th> <th rowspan="2"># of Cts</th> <th rowspan="2">BOC, TSS</th> <th rowspan="2">pH, Temp.</th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> <th rowspan="2"></th> </tr> <tr> <th>Date</th> <th>Time</th> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>Effluent</td> <td>WW</td> <td>Comp</td> <td>4/16/15</td> <td>1331</td> <td></td> <td></td> <td>9.33</td> <td>22</td> <td>2</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | | | | Customer Sample ID | Matrix | Comp. Grade | Collected (or Composite Start) | | Composite End | | pH | Temp °C | # of Cts | BOC, TSS | pH, Temp. | | | | | | | | | Date | Time | Date | Time | Effluent | WW | Comp | 4/16/15 | 1331 | | | 9.33 | 22 | 2 | X | X | | | | | | | | | LAB USE ONLY - Add Analysis / Comments L1601016 -01 | | | | |
| Customer Sample ID | Matrix | Comp. Grade | Collected (or Composite Start) | | Composite End | | pH | Temp °C | # of Cts | | | | BOC, TSS | pH, Temp. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Date | Time | Date | Time | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Effluent | WW | Comp | 4/16/15 | 1331 | | | 9.33 | 22 | 2 | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Customer Remarks/ Special Conditions/ Possible Hazards | | | | | | | | | | | | | | | Additional Field Data Info: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pH 8.45-8.8 Temp 84.2500 | | | | | | | | | | | | | | | Dissolved Oxygen: mol/L Temp (°C): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by/Company: (Signature) Willie Roach | | | | | Date/Time: 4/16/15 1615 | | | | | Received by/Company: (Signature) [Signature] | | | | | Date/Time: 4/16/15 2.3°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by/Company: (Signature) [Signature] | | | | | Date/Time: 4/16/15 0700 | | | | | Received by/Company: (Signature) [Signature] | | | | | Date/Time: 4/16/15 2300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by/Company: (Signature) [Signature] | | | | | Date/Time: 4/16/15 0800 | | | | | Received by/Company: (Signature) [Signature] | | | | | Date/Time: 4/16/15 0900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by/Company: (Signature) [Signature] | | | | | Date/Time: 4/16/15 0900 | | | | | Received by/Company: (Signature) [Signature] | | | | | Date/Time: 4/16/15 0900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|---|-------------------------------------|--|
|  | Document Name: | Document Revised: 7/27/20 |
| | Simple Condition Upon Receipt | Page 1 of 1 |
| | Document No.: F-DAL-C-001-rev.14 | Issuing Authority: Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas ☒ Ft Worth ☐ Corpus Christi ☐ Austin

Client Name: Milka ISS Project Work order (place label): U1601016

Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☒ Other: _____

Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☒

Received on Ice: Wet ☒ Blue ☐ No Ice ☐

Receiving Lab 1 Thermometer Used: FWTM18

Receiving Lab 2 Thermometer Used: TR-18

Cooler Temp °C: 2.3 (Recorded) +0.1 (Correction Factor) 2.4 (Actual)

Cooler Temp °C: 1.8 (Recorded) 0.1 (Correction Factor) 1.9 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Thiagar Person: Alt Date: 4/5/23

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Login Person: Alt Date: 4/13

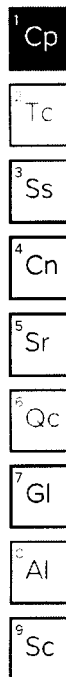
| | |
|--|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| pH Strips: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Cl Strips: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Lead Acetate Strips: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| State Sampled: | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Non-Conformance(s): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Labeling Person (if different than log-in): _____ Date: _____



ANALYTICAL REPORT

May 08, 2023



Mildred ISD

Sample Delivery Group: L1610950
Samples Received: 05/02/2023
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:

Reagan Johnson
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

ACCOUNT:
Mildred ISD

PROJECT:

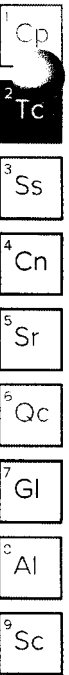
SDG:
L1610950

DATE/TIME:
05/08/23 16:52

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| Qc: Quality Control Summary | 6 |
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| Wet Chemistry by Method 5210 B-2016 | 7 |
| Gl: Glossary of Terms | 8 |
| Al: Accreditations & Locations | 9 |
| Sc: Sample Chain of Custody | 10 |



SAMPLE SUMMARY

EFFLUENT L1610950-01 WW

Collected by: Willie Roschetzky
 Collected date/time: 05/01/23 14:14
 Received date/time: 05/02/23 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2055358 | 1 | 05/06/23 06:37 | 05/06/23 09:17 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2052466 | 1 | 05/02/23 15:02 | 05/07/23 09:56 | JBS | Allen, TX |

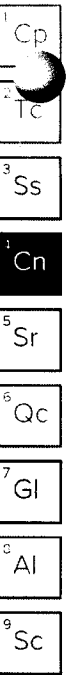
- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ^c Al
- ⁹ Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Reagan Johnson
Project Manager



EFFLUENT

Collected date/time: 05/01/23 14:14

SAMPLE RESULTS - 01

L1610950

Gravimetric Analysis by Method 2540D

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|------------------|----------------|-----------|-------------|----------|-------------------------|-----------|
| Suspended Solids | 120 | P1 | 83.3 | 1 | 05/06/2023 09:17 | WG2055358 |

Wet Chemistry by Method 5210 B-2016

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|---------|----------------|-----------|-------------|----------|-------------------------|-----------|
| BOD | 120 | B1 | 30.0 | 1 | 05/07/2023 09:56 | WG2052466 |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

WG2055358

Gravimetric Analysis by Method 2540D

QUALITY CONTROL SUMMARY

L1610950-01

Method Blank (MB)

(MB) R3922024-1 05/06/23 09:17

| Analyte | MB Result mg/l | <u>MB Qualifier</u> | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|---------------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

L1610950-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1610950-01 05/06/23 09:17 • (DUP) R3922024-3 05/06/23 09:17

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | <u>DUP Qualifier</u> | DUP RPD Limits |
|------------------|-------------------------|--------------------|----------|--------------|----------------------|-------------------|
| Suspended Solids | 120 | 143 | 1 | 17.7 | P1 | 10 |

L1611224-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1611224-06 05/06/23 09:17 • (DUP) R3922024-4 05/06/23 09:17

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | <u>DUP Qualifier</u> | DUP RPD Limits |
|------------------|-------------------------|--------------------|----------|--------------|----------------------|-------------------|
| Suspended Solids | 17400 | 16900 | 1 | 2.91 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R3922024-2 05/06/23 09:17

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | <u>LCS Qualifier</u> |
|------------------|----------------------|--------------------|---------------|------------------|----------------------|
| Suspended Solids | 961 | 1000 | 104 | 85.0-115 | |

ACCOUNT:
Mildred ISD

PROJECT:

SOG:
L1610950DATE/TIME:
05/08/23 16:52PAGE:
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Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

9

WG2052466

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 5210 B-2016

L1610950-01

Method Blank (MB)

(MB) R3921923-1 05/07/23 09:46

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | 0.205 | B1 | 0.200 | 0.200 |

L1611012-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1611012-01 05/07/23 10:06 • (DUP) R3921923-3 05/07/23 10:10

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 6.52 | 6.56 | 1 | 0.612 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R3921923-2 05/07/23 09:51

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 211 | 107 | 85-115 | |

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1610950DATE/TIME:
05/08/23 16:52PAGE:
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GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

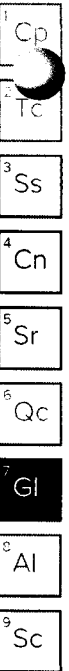
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|---|
| B1 | The blank depletion was greater than the recommended maximum depletion of 0.2mg/L. |
| P1 | RPD value not applicable for sample concentrations less than 5 times the reporting limit. |



ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-22-37 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Cp

Tc

Ss

Cn

Sr

Qc

Gl

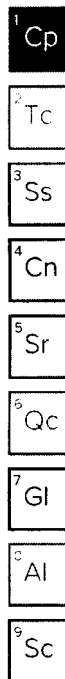
Al

Sc



ANALYTICAL REPORT

June 14, 2023



Mildred ISD

Sample Delivery Group: L1622836
Samples Received: 06/06/2023
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:

Cassandra Foster

Cassandra Foster
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1622836

DATE/TIME:
06/14/23 13:52

PAGE:
1 of 11

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| Gravimetric Analysis by Method 2540D | 6 |
| Wet Chemistry by Method 5210 B-2016 | 7 |
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| Al: Accreditations & Locations | 9 |
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| |
|-----------------|
| ¹ Cp |
| ² Tc |
| ³ Ss |
| ⁴ Cn |
| ⁵ Sr |
| ⁶ Qc |
| ⁷ Gl |
| ⁸ Al |
| ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1622836-01 WW

Collected by
Willie Roschetzky

Collected date/time
06/05/23 13:56

Received date/time
06/06/23 08:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2072444 | 1 | 06/06/23 13:28 | 06/06/23 15:02 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2072318 | 1 | 06/06/23 14:39 | 06/11/23 08:55 | JBS | Allen, TX |

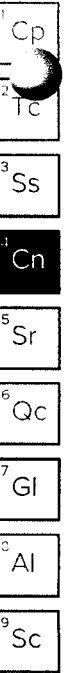
- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Cassandra Foster
Project Manager



EFFLUENT

SAMPLE RESULTS - 01

Collected date/time: 06/05/23 13:56

L1622836

Additional Information - Results for field analyses are not accredited to ISO 17025

| Analyte | Result | Units |
|-----------------------|--------|-------|
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.84 | su |
| Temperature (on-site) | 29 | Deg C |

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|-----------|
| | mg/l | | mg/l | | | |
| Suspended Solids | 12.5 | | 12.5 | 1 | 06/06/2023 15:02 | WG2072444 |

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|-----------|
| | mg/l | | mg/l | | | |
| BOD | ND | B1 J- | 6.00 | 1 | 06/11/2023 08:55 | WG2072318 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG2072444

QUALITY CONTROL SUMMARY

Gravimetric Analysis by Method 2540D

L1622836-01

Method Blank (MB)

(MB) R3933756-1 06/06/23 15:02

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|--------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

L1622973-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1622973-05 06/06/23 15:02 • (DUP) R3933756-3 06/06/23 15:02

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 18700 | 19200 | 1 | 3.06 | | 10 |

L1622973-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1622973-06 06/06/23 15:02 • (DUP) R3933756-4 06/06/23 15:02

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 18300 | 18900 | 1 | 3.44 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R3933756-2 06/06/23 15:02

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------|----------------------|--------------------|---------------|------------------|---------------|
| Suspended Solids | 961 | 956 | 99.5 | 85.0-115 | |

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1622836DATE/TIME:
06/14/23 13:52PAGE:
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WG2072318

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 5210 B-2016

L1622836-01

Method Blank (MB)

(MB) R3935411-1 06/11/23 08:48

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | 0.425 | <u>B1</u> | 0.200 | 0.200 |

L1622889-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1622889-01 06/11/23 08:58 • (DUP) R3935411-3 06/11/23 09:18

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 3.00 | 4.79 | 1 | 46 | <u>P1</u> | 20 |

Laboratory Control Sample (LCS)

(LCS) R3935411-2 06/11/23 08:52

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | U | 0 | 85-115 | <u>J-</u> |

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1622836DATE/TIME:
06/14/23 13:52PAGE:
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GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

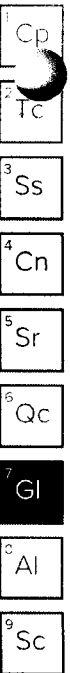
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|--|
| B1 | The blank depletion was greater than the recommended maximum depletion of 0.2mg/L. |
| J- | The associated batch QC was outside the lower control limits; associated data has a potential negative bias. |
| P1 | RPD value not applicable for sample concentrations less than 5 times the reporting limit. |



ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-22-37 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

- ¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn


⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

| | | |
|--|---|--|
|  | Document Name: Sample Condition Upon Receipt | Document Revised: 7/27/20 Page 1 of 1 |
| | Document No.: F-DAL-C-001-rev.14 | Issuing Authority: Pace Dallas Quality Office |
| | Sample Condition Upon Receipt <input type="checkbox"/> Dallas <input checked="" type="checkbox"/> Ft Worth <input type="checkbox"/> Corpus Christi <input type="checkbox"/> Austin | |

Sample Condition Upon Receipt

☐ Dallas ☒ Ft Worth ☐ Corpus Christi ☐ Austin

Client Name: Milbank ISSD Project Work order (place label): _____
 Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☒ Other: _____
 Tracking #: _____
 Custody Seal on Cooler/Box: Yes ☐ No ☒
 Received on Ice: Wet ☒ Blue ☐ No Ice ☐
 Receiving Lab 1 Thermometer Used: FWTMI18 Cooler Temp °C: 3.1 (Recorded) +0.1 (Correction Factor) 3.2 (Actual)
 Receiving Lab 2 Thermometer Used: IR-15 Cooler Temp °C: 1.8 (Recorded) 0.1 (Correction Factor) 2.9 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: JH Date: 6/5/23

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Login Person: AL Date: 6/6/23

| | |
|--|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| pH Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Cl Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Lead Acetate Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program (TPH)) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| State Sampled: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): _____ | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Labeling Person (if different than log-in): _____ Date: _____



ANALYTICAL REPORT

July 17, 2023

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Mildred ISD

Sample Delivery Group: L1633685
Samples Received: 07/10/2023
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:

Reagan Johnson
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

ACCOUNT
Mildred ISD

PROJECT:

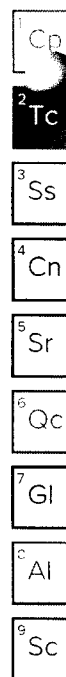
SDG:
L1633685

DATE/TIME:
07/17/23 17:18

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SAMPLE SUMMARY

EFFLUENT L1633685-01 WW

Collected by
Willie Roschetzky

Collected date/time
07/10/23 13:18

Received date/time
07/10/23 16:15

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|--------------------------|-----------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2093628 | 1 | 07/12/23 14:23 | 07/12/23 16:13 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2092630 | 1 | 07/11/23 14:44 | 07/16/23 11:58 | SMC | Allen, TX |

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

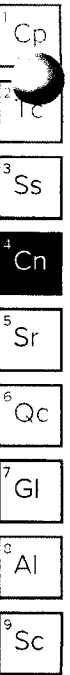
⁹ Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Reagan Johnson
Project Manager



EFFLUENT

SAMPLE RESULTS - 01

Collected date/time: 07/10/23 13:18

L1633685

Additional Information - Results for field analyses are not accredited to ISO 17025

| Analyte | Result | Units |
|-----------------------|--------|-------|
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.33 | su |
| Temperature (on-site) | 33 | Deg C |

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|-----------|
| Suspended Solids | ND | | 12.5 | 1 | 07/12/2023 16:13 | WG2093628 |

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|-----------|
| BOD | 12.8 | | 3.75 | 1 | 07/16/2023 11:58 | WG2092630 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG2093628

Gravimetric Analysis by Method 2540D

QUALITY CONTROL SUMMARY

L1633685-01

Method Blank (MB)

(MB) R3948352-1 07/12/23 16:13

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|--------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

L1634037-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1634037-06 07/12/23 16:13 • (DUP) R3948352-3 07/12/23 16:13

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 17700 | 16700 | 1 | 5.35 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R3948352-2 07/12/23 16:13

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------|----------------------|--------------------|---------------|------------------|---------------|
| Suspended Solids | 931 | 969 | 104 | 85.0-115 | |

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1633685DATE/TIME:
07/17/23 17:18PAGE:
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WG2092630

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 5210 B-2016

L1633685-01

Method Blank (MB)

(MB) R3949229-1 07/16/23 11:42

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | U | | 0.200 | 0.200 |

L1633760-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1633760-01 07/16/23 12:01 • (DUP) R3949229-3 07/16/23 12:16

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 3.17 | 2.97 | 1 | 6.51 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R3949229-2 07/16/23 11:48

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 208 | 105 | 85-115 | |

Cp

Tc

Ss

Cn

Sr

Qc

GI

Al

Sc

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1633685DATE/TIME:
07/17/23 17:18PAGE:
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GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

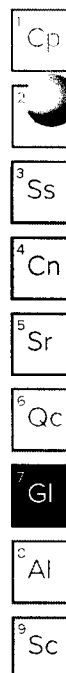
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |
| Qualifier | Description |

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

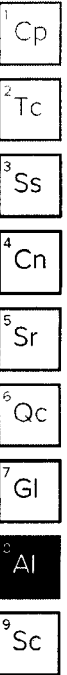


ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-22-37 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.
 * Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.




Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

LAST PAGE
T102P04

ALL SHADED AREAS are for LAB USE ONLY

[illegible]

| | | |
|---|----------------------------------|---|
|  | Document Name: | Document Revised: 7/27/20 |
| | Sample Condition Upon Receipt | Page 1 of 1 |
| | Document No.: F-DAL-C-001-rev.14 | Issuing Authority: Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas
 ☒ Ft Worth
 ☐ Corpus Christi
 ☐ Austin

Client Name: M: J: Red ISD
 Courier: FedEX ☐ UPS ☐ USPS ☐ Clients ☐ ISO ☐ PACE ☒ Other: 1633685
 Tracking #: _____
 Custody Seal on Cooler/Box: Yes ☐ No ☒
 Received on Ice: Wet ☒ Blue ☐ No Ice ☐
 Receiving Lab 1 Thermometer Used: FVTM18
 Receiving Lab 2 Thermometer Used: 1818
 Cooler Temp °C: 1.7 (Recorded) +0.1 (Correction Factor) 1.9 (Actual)
 Cooler Temp °C: 1.1 (Recorded) +0.1 (Correction Factor) 1.2 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: CC Date: 7-10-23

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Login Person: CC Date: 7-10

| | |
|--|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| pH Strips: | |
| Residual Chlorine Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Cl Strips: | |
| Sulfide Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Lead Acetate Strips: | |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| State Sampled: | |
| Non-Conformance(s): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Labeling Person (if different than log-in): _____ Date: _____



ANALYTICAL REPORT

August 14, 2023

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Mildred ISD

Sample Delivery Group: L1643237
Samples Received: 08/07/2023
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:

Reagan Johnson
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

ACCOUNT
Mildred ISD

PROJECT:

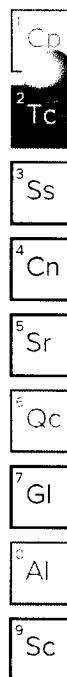
SPG:
L1643237

DATE/TIME:
08/14/23 10:18

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| Sr: Sample Results | 5 |
| EFFLUENT L1643237-01 | 5 |
| Qc: Quality Control Summary | 6 |
| Gravimetric Analysis by Method 2540D | 6 |
| Wet Chemistry by Method 5210 B-2016 | 7 |
| Gl: Glossary of Terms | 8 |
| Al: Accreditations & Locations | 9 |
| Sc: Sample Chain of Custody | 10 |



SAMPLE SUMMARY

EFFLUENT L1643237-01 WW

Collected by
Willie Roschetzky

Collected date/time
08/07/23 12:40

Received date/time
08/07/23 15:30

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2110537 | 1 | 08/09/23 09:19 | 08/09/23 10:48 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2109806 | 1 | 08/08/23 14:51 | 08/13/23 10:51 | QQT | Allen, TX |

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

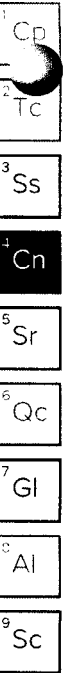
⁹ Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Reagan Johnson
Project Manager



EFFLUENT

SAMPLE RESULTS - 01

Collected date/time: 08/07/23 12:40

L1643237

Additional Information - Results for field analyses are not accredited to ISO 17025

| Analyte | Result | Units |
|-----------------------|--------|-------|
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.82 | su |
| Temperature (on-site) | 34 | Deg C |

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|-----------|
| Suspended Solids | 20.0 | | 16.7 | 1 | 08/09/2023 10:48 | WG2110537 |

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|-----------|
| BOD | 14.7 | | 3.75 | 1 | 08/13/2023 10:51 | WG2109806 |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

WG2110537

Gravimetric Analysis by Method 2540D

QUALITY CONTROL SUMMARY

L1643237-01

Method Blank (MB)

(MB) R3958974-1 08/09/23 10:48

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|--------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

L1643378-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1643378-01 08/09/23 10:48 • (DUP) R3958974-3 08/09/23 10:48

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 1400 | 1750 | 1 | 22.2 | J3 | 10 |

L1643500-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1643500-03 08/09/23 10:48 • (DUP) R3958974-4 08/09/23 10:48

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 58.0 | 59.0 | 1 | 1.71 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R3958974-2 08/09/23 10:48

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------|----------------------|--------------------|---------------|------------------|---------------|
| Suspended Solids | 931 | 962 | 103 | 85.0-115 | |

ACCOUNT:
Mildred ISD

PROJECT:

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WG2109806

QUALITY CONTROL SUMMARY

Wet Chemistry by Method S210 8-2016

L1643237-01

Method Blank (MB)

(MB) R3959957-1 08/13/23 10:41

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | U | | 0.200 | 0.200 |

L1643209-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1643209-01 08/13/23 10:50 • (DUP) R3959957-3 08/13/23 11:21

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | ND | ND | 1 | 0 | | 20 |

L1643308-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1643308-01 08/13/23 11:04 • (DUP) R3959957-4 08/13/23 11:25

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 5.07 | 1.62 | 1 | 103 | J3 | 20 |

Laboratory Control Sample (LCS)

(LCS) R3959957-2 08/13/23 10:46

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 195 | 98.6 | 85-115 | |

Cp

Tc

Ss

Cn

Sr

Qc

GI

AI

Sc

ACCOUNT:
Mikred ISD

PROJECT:

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GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

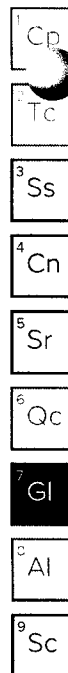
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Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
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| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
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| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|--|
| J3 | The associated batch QC was outside the established quality control range for precision. |
|----|--|

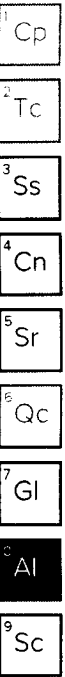


ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

- ¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
- * Not all certifications held by the laboratory are applicable to the results reported in the attached report.
- * Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.





CHAIN-OF-CUSTODY Analytical Request Document

Chain of Custody is a legal document that is required for all samples

Company:
Mildred ISO
Address:
5475 US-287 Corsicana TX 75109
Being By (Name):

Sample / Sample Location
Mobility Effluent
Date of Sample:
By (Name):

Pick Up
Date:
Pick Up
By (Name):
Collector:
(Name):

Sample
Material:
ID:

Sample Volume:
Sample Weight:

Sample Location:
Sample ID:

Sample Description:
Sample ID:

Sample ID:
Sample ID:

Effluent:
Sample ID:

Sample ID:
Sample ID:

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Sample ID:
Sample ID:

Sample / Sample Location
Mobility Effluent
Date of Sample:
By (Name):

Pick Up
Date:
Pick Up
By (Name):
Collector:
(Name):

Sample
Material:
ID:

Sample Volume:
Sample Weight:

Sample Location:
Sample ID:

Sample Description:
Sample ID:

Sample ID:
Sample ID:

Effluent:
Sample ID:

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Sample ID:

Sample / Sample Location
Mobility Effluent
Date of Sample:
By (Name):

Pick Up
Date:
Pick Up
By (Name):
Collector:
(Name):

Sample
Material:
ID:

Sample Volume:
Sample Weight:

Sample Location:
Sample ID:

Sample Description:
Sample ID:

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Effluent:
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Sample ID:
Sample ID:

Sample / Sample Location
Mobility Effluent
Date of Sample:
By (Name):

Pick Up
Date:
Pick Up
By (Name):
Collector:
(Name):

Sample
Material:
ID:

Sample Volume:
Sample Weight:

Sample Location:
Sample ID:

Sample Description:
Sample ID:

Sample ID:
Sample ID:

Effluent:
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Sample ID:
Sample ID:

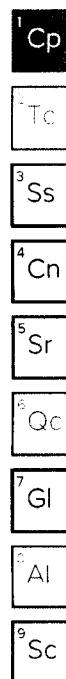
Sample ID:
Sample ID:

Sample ID:
Sample ID:



ANALYTICAL REPORT

September 18, 2023



Mildred ISD

Sample Delivery Group: L1654549
Samples Received: 09/12/2023
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:

Reagan Johnson
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

ACCOUNT:
Mildred ISD

PROJECT:

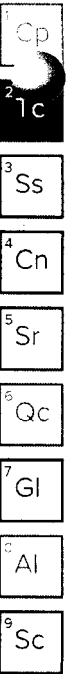
SDG:
L1654549

DATE/TIME:
09/18/23 11:05

PAGE:
1 of 11

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| | |
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| Cp: Cover Page | 1 |
| Tc: Table of Contents | 2 |
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| Sr: Sample Results | 5 |
| EFFLUENT L1654549-01 | 5 |
| Qc: Quality Control Summary | 6 |
| Gravimetric Analysis by Method 2540D | 6 |
| Wet Chemistry by Method 5210 B-2016 | 7 |
| Gl: Glossary of Terms | 8 |
| Al: Accreditations & Locations | 9 |
| Sc: Sample Chain of Custody | 10 |



SAMPLE SUMMARY

EFFLUENT L1654549-01 WW

Collected by
Mrugen Patel

Collected date/time
09/11/23 11:20

Received date/time
09/12/23 08:30

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2131351 | 1 | 09/13/23 09:32 | 09/13/23 12:02 | SEN | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2130597 | 1 | 09/12/23 14:32 | 09/17/23 10:05 | QQT | Allen, TX |

Cp

Tc

Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1654549

DATE/TIME:
09/18/23 11:05

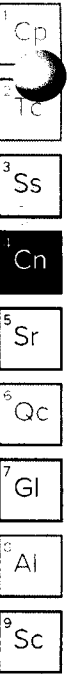
PAGE:
3 of 11

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Reagan Johnson
Project Manager



EFFLUENT

SAMPLE RESULTS - 01

Collected date/time: 09/11/23 11:20

L1654549

Additional Information - Results for field analyses are not accredited to ISO 17025

| Analyte | Result | Units |
|-----------------------|--------|-------|
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.76 | su |
| Temperature (on-site) | 29 | Deg C |

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|-----------|
| | mg/l | | mg/l | | | |
| Suspended Solids | 31.0 | | 12.5 | 1 | 09/13/2023 12:02 | WG2131351 |

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|-----------|
| | mg/l | | mg/l | | | |
| BOD | 16.8 | K9 | 3.75 | 1 | 09/17/2023 10:05 | WG2130597 |

Cp

Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG2131351

Gravimetric Analysis by Method 2540D

QUALITY CONTROL SUMMARY

L1654549-01

Method Blank (MB)

(MB) R3973100-1 09/13/23 12:02

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|--------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

L1654700-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1654700-01 09/13/23 12:02 • (DUP) R3973100-3 09/13/23 12:02

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 244 | 238 | 1 | 2.49 | | 10 |

L1654700-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1654700-02 09/13/23 12:02 • (DUP) R3973100-4 09/13/23 12:02

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 312 | 332 | 1 | 6.21 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R3973100-2 09/13/23 12:02

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------|----------------------|--------------------|---------------|------------------|---------------|
| Suspended Solids | 841 | 803 | 95.5 | 85.0-115 | |

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1654549DATE/TIME:
09/18/23 11:05PAGE:
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Cp

Tc

Ss

Cn

Sr

Qc

GI

AI

9

WG2130597

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 5210 B-2016

L1654549-01

Method Blank (MB)

(MB) R3974100-1 09/17/23 09:50

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | U | | 0.200 | 0.200 |

L1654553-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1654553-01 09/17/23 10:09 • (DUP) R3974100-3 09/17/23 10:39

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits |
|---------|-------------------------|--------------------|----------|--------------|---------------|-------------------|
| BOD | 14.1 | 24.4 | 1 | 53.5 | J3 | 20 |

L1654618-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1654618-01 09/17/23 10:21 • (DUP) R3974100-4 09/17/23 10:44

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits |
|---------|-------------------------|--------------------|----------|--------------|---------------|-------------------|
| BOD | 7.91 | 10.9 | 1 | 31.3 | J3 K9 | 20 |

Laboratory Control Sample (LCS)

(LCS) R3974100-2 09/17/23 09:55

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 202 | 102 | 85-115 | |

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1654549DATE/TIME:
09/18/23 11:05PAGE:
7 of 11

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

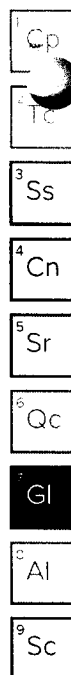
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|--|
| J3 | The associated batch QC was outside the established quality control range for precision. |
| K9 | Test replicates show more than 30% difference between high and low values. |

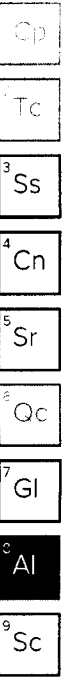


ACCREDITATIONS & LOCATIONS


Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

- ¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable
- * Not all certifications held by the laboratory are applicable to the results reported in the attached report.
- * Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



| CHAIN-OF-CUSTODY Analytical Request Document | | | | | | | | | | LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number | | | | | | | | | | | | | | |
|--|---------|-----------|-----------------------------------|-------|---|---|------|---------|-----------------------------------|---|----------|---|--|--|---|--|--|--|--|--|--|--|--|--|
| Company: Mildred ISD | | | | | Outfall / Sample Location: Monthly Effluent | | | | | LAB Protocol No.: T197065 | | ALL SHADED AREAS are for LAB USE ONLY | | | | | | | | | | | | |
| Address: 5475 US-287 Corsicana TX 75109 | | | | | Set Up By (Signature): | | | | | Container & Preservative Type ** | | | | | **Container and preservation type correspond with the analysis directly below | | | | | | | | | |
| Setup By (Name): | | | | | | | | | | Analysis | | | | | Treatment of Hexavalent Chromium Samples | | | | | | | | | |
| Pick Up Date: | | | | | Pickup Time: | | | | | Field Filtered for Hexavalent Chromium (if applicable) <input type="checkbox"/> Yes <input type="checkbox"/> No Cyanide Interference Check (if applicable) Chlorine present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Chlorine Treatment Date/Time: Sulfide Present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Sulfide Treatment Date/Time: <div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">11054549</div> | | | | | | | | | | | | | | |
| Pick Up By (Sample Collector Name): MRUGEN PATEL | | | | | Pick Up By (Sample Collector Signature): | | | | | | | | | | | | | | | | | | | |
| Automated Sampler Information | | | | | | | | | | | | | | | Composite sample collected on ice? <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | |
| Sampler Identification #: | | | | | Sampler Volume: | | | | | | | | | | Sample Interval: | | | | | | | | | |
| Mode Switch: | | | | | | | | | | * Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Solid/Slud (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT) | | | | | | | | | | | | | | |
| Customer Sample ID | Matrix* | Comp/Grab | Collected (or Composite Start) | | Composite End | | pH | Temp °C | # of Chgs | BOD, TSS | pH, Temp | | | | | | | | | | | | | |
| | | | Date | Time | Date | Time | | | | | | | | | | | | | | | | | | |
| Effluent | WW | Grab | 9/11/23 | 11:20 | | | 9.76 | 29 | 2 | X | X | -01 | | | | | | | | | | | | |
| Customer Remarks/ Special Conditions/ Possible Hazards: | | | | | | | | | | | | | | | Additional Field Data Info: | | | | | | | | | |
| pH sm4506-H+B Temp SM2550 | | | | | | | | | | | | | | | 4.0°C | | | | | | | | | |
| Relinquished by/Company: (Signature) | | | Date/Time: 9/11/23 4:00 | | | Received by/Company: (Signature) | | | Date/Time: 9/12/23 0708 | | | Desolved Oxygen: mg/L Temp (°C): Chlorine residual: mg/L <small>Field data collected at time of autosampler setup unless noted Field data for grab samples analyzed at time of collection unless otherwise noted</small> | | | | | | | | | | | | |
| Relinquished by/Company: (Signature) | | | Date/Time: 9/12/23 0830 | | | Received by/Company: (Signature) | | | Date/Time: 5/12/23 0830 | | | | | | | | | | | | | | | |
| Relinquished by/Company: (Signature) | | | Date/Time: | | | Received by/Company: (Signature) | | | Date/Time: | | | | | | | | | | | | | | | |
| Relinquished by/Company: (Signature) | | | Date/Time: | | | Received by/Company: (Signature) | | | Date/Time: | | | | | | | | | | | | | | | |

| | | |
|---|---|--|
|  | Document Name: Sample Condition Upon Receipt | Document Revised: 7/27/20 Page 1 of 1 |
| | Document No.: F-DAL-C-001-rev.14 | Issuing Authority: Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas
 ☒ Ft Worth
 ☐ Corpus Christi
 ☐ Austin

Client Name: Mildred ISD Project Work order (place label): _____
 Courier: FedEx ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☐ Other: _____
 Tracking #: _____
 Custody Seal on Cooler/Box: Yes ☐ No ☒
 Received on ice: Wet ☒ Blue ☐ No Ice ☐
 Receiving Lab 1 Thermometer Used: FWTM03
 Receiving Lab 2 Thermometer Used: 1819
 Cooler Temp °C: 4.1 (Recorded) 0.0 (Correction Factor) 4.1 (Actual)
 Cooler Temp °C: 1.2 (Recorded) 10.1 (Correction Factor) 1.3 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: KAR Date: 9-1-23

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

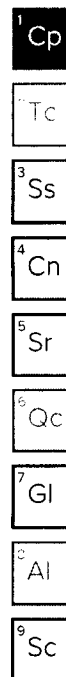
Login Person: DL Date: 9/1/23

| | |
|--|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| pH Strips: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Cl Strips: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Lead Acetate Strips: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| State Sampled: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Labeling Person (if different than log-in): | Date: _____ |



ANALYTICAL REPORT

October 09, 2023



Mildred ISD

Sample Delivery Group: L1661925
Samples Received: 10/03/2023
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:

Justin Carr
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

ACCOUNT:
Mildred ISD

PROJECT:

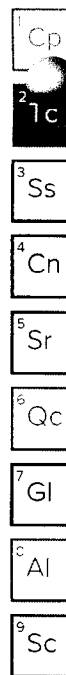
SDG:
L1661925

DATE/TIME:
10/09/23 16:10

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SAMPLE SUMMARY

EFFLUENT L1661925-01 WW

Collected by: Willie Roschetzky
 Collected date/time: 10/02/23 13:07
 Received date/time: 10/03/23 08:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2144053 | 1 | 10/03/23 14:12 | 10/03/23 15:44 | SEN | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2143839 | 1 | 10/03/23 15:39 | 10/08/23 10:52 | JBS | Allen, TX |

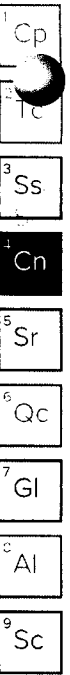
- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager



EFFLUENT

SAMPLE RESULTS - 01

Collected date/time: 10/02/23 13:07

L1661925

Additional Information - Results for field analyses are not accredited to ISO 17025

| Analyte | Result | Units |
|-----------------------|--------|-------|
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.13 | su |
| Temperature (on-site) | 31 | Deg C |

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|-----------|
| Suspended Solids | 20.0 | | 12.5 | 1 | 10/03/2023 15:44 | WG2144053 |

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|-----------|
| BOD | 15.3 | | 3.00 | 1 | 10/08/2023 10:52 | WG2143839 |

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

WG2144053

Gravimetric Analysis by Method 2540D

QUALITY CONTROL SUMMARYL1661925-01

Method Blank (MB)

(MB) R3981849-1 10/03/23 15:44

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|--------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

L1662059-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1662059-03 10/03/23 15:44 • (DUP) R3981849-4 10/03/23 15:44

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|------------------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Suspended Solids | 15300 | 15500 | 1 | 1.30 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R3981849-2 10/03/23 15:44

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------|----------------------|--------------------|---------------|------------------|---------------|
| Suspended Solids | 841 | 845 | 100 | 85.0-115 | |

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1661925DATE/TIME:
10/09/23 16:10PAGE:
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Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

9

WG2143839

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 5210 B-2016

L1661925-01

Method Blank (MB)

(MB) R3983568-1 10/08/23 11:28

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | U | | 0.200 | 0.200 |

L1661954-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1661954-01 10/08/23 10:54 • (DUP) R3983568-3 10/08/23 11:17

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits |
|---------|-------------------------|--------------------|----------|--------------|---------------|-------------------|
| BOD | 33.8 | 29.7 | 1 | 12.8 | | 20 |

L1662026-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1662026-01 10/08/23 11:04 • (DUP) R3983568-4 10/08/23 11:20

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits |
|---------|-------------------------|--------------------|----------|--------------|---------------|-------------------|
| BOD | 4.81 | 5.92 | 1 | 20.7 | J3 K9 | 20 |

Laboratory Control Sample (LCS)

(LCS) R3983568-2 10/08/23 10:21

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 189 | 95.6 | 85-115 | |

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1661925DATE/TIME:
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GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

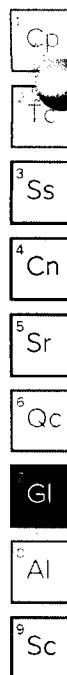
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|--|
| J3 | The associated batch QC was outside the established quality control range for precision. |
| K9 | Test replicates show more than 30% difference between high and low values. |



ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



ANALYTICAL REPORT

November 13, 2023

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Mildred ISD

Sample Delivery Group: L1674449

Samples Received: 11/07/2023

Project Number:

Description: Monthly Effluent

Report To: Ruby Coker

5475 S. Hwy 287

Corsicana, TX 75109

Entire Report Reviewed By:

Justin Carr

Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

ACCOUNT
Mildred ISD

PROJECT:

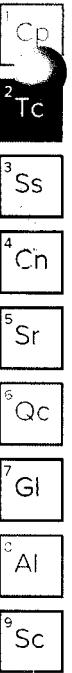
SDG:
L1674449

DATE/TIME
11/13/23 16:41

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| Qc: Quality Control Summary | 6 |
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| Gl: Glossary of Terms | 8 |
| Al: Accreditations & Locations | 9 |
| Sc: Sample Chain of Custody | 10 |



SAMPLE SUMMARY

EFFLUENT L1674449-01 WW

Collected by Willie Roschetzky Collected date/time 11/06/23 13:18 Received date/time 11/07/23 08:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2166189 | 1 | 11/07/23 12:32 | 11/07/23 13:39 | SEN | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2166047 | 1 | 11/07/23 14:15 | 11/12/23 11:13 | JBS | Allen, TX |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1674449

DATE/TIME:
11/13/23 16:41

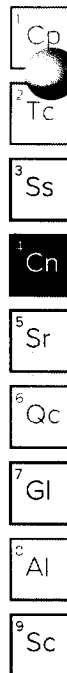
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CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager



EFFLUENT

Collected date/time: 11/06/23 13:18

SAMPLE RESULTS - 01

L1674449

Additional Information - Results for field analyses are not accredited to ISO 17025

| Analyte | Result | Units |
|-----------------------|--------|-------|
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.48 | su |
| Temperature (on-site) | 23 | Deg C |

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|-----------|
| Suspended Solids | 35.0 | | 17.9 | 1 | 11/07/2023 13:39 | WG2166189 |

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|-----------|
| BOD | 18.4 | | 6.00 | 1 | 11/12/2023 11:13 | WG2166047 |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

WG2166189

Gravimetric Analysis by Method 2540D

QUALITY CONTROL SUMMARYL1674449-01

Method Blank (MB)

(MB) R3997166-1 11/07/23 13:39

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|--------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

Laboratory Control Sample (LCS)

(LCS) R3997166-2 11/07/23 13:39

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------|----------------------|--------------------|---------------|------------------|---------------|
| Suspended Solids | 841 | 888 | 106 | 85.0-115 | |

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

9

ACCOUNT:
Mildred ISD

PROJECT:

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WG2166047

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 5210 B-2016

L1674449-01

Method Blank (MB)

(MB) R3998880-1 11/12/23 10:57

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | U | | 0.200 | 0.200 |

L1674487-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1674487-01 11/12/23 11:16 • (DUP) R3998880-3 11/12/23 11:29

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits |
|---------|-------------------------|--------------------|----------|--------------|---------------|-------------------|
| BOD | 10.2 | 11.1 | 1 | 8.29 | K9 | 20 |

Laboratory Control Sample (LCS)

(LCS) R3998880-2 11/12/23 11:02

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 214 | 108 | 85-115 | |

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1674449DATE/TIME:
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GLOSSARY OF TERMS

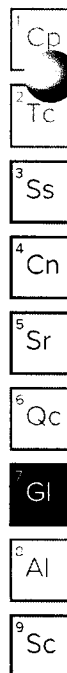
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Abbreviations and Definitions

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|------------------------------|--|
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
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| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |
| Qualifier | Description |
| K9 | Test replicates show more than 30% difference between high and low values. |



ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

CHAIN-OF-CUSTODY Analytical Request Document

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

Company: Mildred ISD

Address: 5475 US-287 Corsicana TX 75109

Setup By (Name):

Outfall / Sample Location: Monthly Effluent

Set Up By (Signature):

Pick Up Date:

Pick Up By (Sample Collector Name): Willie Roschety

Pickup Time:

Pick Up By (Sample Collector Signature): Willie Roschety

Automated Sampler Information

Sampler Identification #:

Sampler Volume: Sample Interval:

Mode Switch:

Composite sample collected on Ice? ☐ Yes ☐ No

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Solid/Liquid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TB), Biosolid (B), Vapor (V), Other (OT)

| Customer Sample ID | Matrix | Camp/Grab | Collected (or Composite Start) | | Composite End | | pH | Temp °C | # of Data | BOD, TSS | pH | Temp | Analysis | Treatment of Hexavalent Chromium Samples |
|--------------------|--------|-----------|--------------------------------|-------|---------------|------|------|---------|-----------|----------|----|------|----------|--|
| | | | Date | Time | Date | Time | | | | | | | | |
| Effluent | WW | Grab | 11/14/23 | 13:18 | | | 9.48 | 23 | 2 | x | x | | | |

Customer Remarks/ Special Conditions/ Possible Hazards:

Additional Field Data Info:

Disolved Oxygen: mg/L Temp (°C): 1.7°C

Chlorine residual: mg/L

Field data collected at time of autosampler setup unless noted. Field data for grab samples analyzed at time of collection unless otherwise noted.

Retinquished by/Company: (Signature) Date/Time: 11/17/23 0700 Received by/Company: (Signature) Date/Time: 11/17/23 0700

Retinquished by/Company: (Signature) Date/Time: 11/17/23 0700 Received by/Company: (Signature) Date/Time: 11/17/23 0700

ALL SHADED AREAS are for LAB USE ONLY

Container & Preservative Type

Field Filtered for Hexavalent Chromium (if applicable): ☐ Yes ☐ No

*Note: hexavalent chromium samples are preserved in the lab with 1 N NaOH and Ammonium Sulfate Buffer

Cyanide Interference Check (if applicable)

Chlorine present? ☐ Yes ☐ No ☐

Chlorine Treatment Date/Time:

Sulfide Present? ☐ Yes ☐ No ☐

Sulfide Treatment Date / Time

11/16/23 4449

LAB USE ONLY- Sub Sample / Comments

-01

| | | |
|-----------------|---|---|
| Pace Analytical | Document Name: Sample Condition Upon Receipt | Document Received: 7/27/20 |
| | Document No.: F-DAL-C-001-rw-14 | Page 1 of 1 Issuing Authority: Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas
 ☒ Ft Worth
 ☐ Corpus Christi
 ☐ Austin

Client Name: M. J. J. J.
 Courier: FedEx ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☐ Other: ☐
 Tracking #: _____
 Project Work order (place label): _____

Custody Seal on Cooler/Box: Yes ☐ No ☒
 Received on Ice: Wet ☐ Blue ☐
 Receiving Lab 1 Thermometer Used: FWTM03
 Receiving Lab 2 Thermometer Used: FWT03

Cooler Temp °C: 1.7 (Recorded) 0.0 (Correction Factor) 1.7 (Actual)
 Cooler Temp °C: 1.0 (Recorded) 1.2 (Correction Factor) 1.2 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable
 Triage Person: WFL Date: 11/6/23

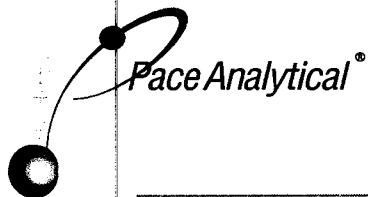
Chain of Custody relinquished

| | |
|---------------------------------|---|
| Sampler name & signature on COC | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Login Person: RL Date: 11/7

| | |
|--|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| pH Strips: | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Residual Chlorine Present | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Cl Strips: | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Sulfide Present | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Lead Acetate Strips: | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| State Sampled: | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Non-Conformance(s): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Labeling Person (if different than log-in): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Date: _____



ANALYTICAL REPORT

December 27, 2023

| | |
|---|----|
| 1 | Cp |
| 2 | Tc |
| 3 | Ss |
| 4 | Cn |
| 5 | Sr |
| 6 | Qc |
| 7 | Gl |
| 8 | Al |
| 9 | Sc |

Mildred ISD

Sample Delivery Group: L1689337
Samples Received: 12/18/2023
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:

Justin Carr
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

ACCOUNT
Mildred ISD










PROJECT

SDS
L1689337

DATE/TIME
12/27/23 15:52

ANALYST
for the

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| Sr: Sample Results | 5 |  |
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| Sc: Sample Chain of Custody | 10 |  |
| | |  |
| | |  |
| | |  |

SAMPLE SUMMARY

EFFLUENT L1689337-01 WW

Collected by
Willie Roschetzky

Collected date/time
12/18/23 13:57

Received date/time
12/18/23 17:45

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2192752 | 1 | 12/20/23 05:58 | 12/20/23 07:44 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2191992 | 1 | 12/19/23 14:58 | 12/24/23 10:49 | JBS | Allen, TX |

- 1 Cp
- 2 Tc
- Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager

1 Cp

2 T

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

EFFLUENT

SAMPLE RESULTS - 01

Collected date/time: 12/18/23 13:57

L1689337

Additional Information - Results for field analyses are not accredited to ISO 17025

| Analyte | Result | Units |
|-----------------------|--------|-------|
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.74 | su |
| Temperature (on-site) | 15 | Deg C |

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|-----------|
| Suspended Solids | 82.9 | | 35.7 | 1 | 12/20/2023 07:44 | WG2192752 |

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|-----------|
| BOD | 17.7 | | 6.00 | 1 | 12/24/2023 10:49 | WG2191992 |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

WG2192752

QUALITY CONTROL SUMMARY

Gravimetric Analysis by Method 2540D

L1689337-01

Method Blank (MB)

(MB) R4014809-1 12/20/23 07:44

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|--------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

L1689426-04 Original Sample (OS) • Duplicate (DUP)

(OS) L1689426-04 12/20/23 07:44 • (DUP) R4014809-3 12/20/23 07:44

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits |
|------------------|-------------------------|--------------------|----------|--------------|---------------|-------------------|
| Suspended Solids | 13000 | 13300 | 1 | 2.12 | | 10 |

L1689426-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1689426-05 12/20/23 07:44 • (DUP) R4014809-4 12/20/23 07:44

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits |
|------------------|-------------------------|--------------------|----------|--------------|---------------|-------------------|
| Suspended Solids | 13200 | 13600 | 1 | 2.54 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R4014809-2 12/20/23 07:44

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------|----------------------|--------------------|---------------|------------------|---------------|
| Suspended Solids | 928 | 843 | 90.8 | 85.0-115 | |

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

ACCOUNT:
Mildred ISD

PROJECT:

SDG:
L1689337DATE/TIME:
12/27/23 15:52PAGE:
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WG2191992

QUALITY CONTROL SUMMARY

Wet Chemistry by Method 5210 B-2016

L1689337-01

Method Blank (MB)

(MB) R4016481-1 12/24/23 10:34

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | U | | 0.200 | 0.200 |

L1689358-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1689358-01 12/24/23 11:03 • (DUP) R4016481-3 12/24/23 11:13

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 7.77 | 8.13 | 1 | 4.53 | | 20 |

L1689358-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1689358-02 12/24/23 11:07 • (DUP) R4016481-4 12/24/23 11:15

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 150 | 120 | 1 | 22.4 | J3 | 20 |

Laboratory Control Sample (LCS)

(LCS) R4016481-2 12/24/23 10:39

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 208 | 105 | 85-115 | |

Cp

Tc

Ss

Cn

Sr

Qc

Gl

Al

Sc

ACCOUNT:
Midred ISD

PROJECT:

SDG:
L1689337DATE/TIME:
12/27/23 15:52PAGE:
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GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

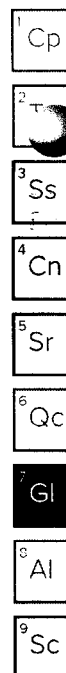
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|--|
| J3 | The associated batch QC was outside the established quality control range for precision. |
|----|--|



ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

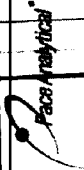
⁸ Al

⁹ Sc

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

ALL SHADED AREAS are for LAB USE ONLY

| | | | | | | | |
|---|--|--|--|---|--|--|--|
| Company: Mildred I&D Address: 5475 US-287 Corsicana TX 75109 Setup By (Name): Pick Up Date: Pick Up By/Sample Collector (Name): <i>Willie R. Ruff</i> Automated Sampler Information: Sampler Identification #: <i>Willie R. Ruff</i> Sampler Volume: Sample Interval: Mode Switch: | | | | Outfall / Sample Location: Monthly Effluent Set Up By (Signature): Pick Up Time: Pick Up By/Sample Collector (Signature): <i>Willie R. Ruff</i> Composite sample collected on ice? <input type="checkbox"/> Yes <input type="checkbox"/> No * Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Solidified (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TB), Biosolids (B), Vapor (V), Other (OT) | | | |
| Customer Sample ID Matrix* Sample Grab Collected (or Composite Start) Composite End pH Temp °C # of Sites | | | | BOO, TSS pH, Temp. | | | |
| Date Time Date Time | | | | | | | |
| Effluent WW Grab 12/18/23 1358 [Redacted] 9.74 15 2 X X | | | | | | | |
| Customer Remarks/ Special Conditions/ Possible Hazards: | | | | Additional Field Data Info: Dissolved Oxygen: mg/L Temp (°C): | | | |
| Retinquished by/Company: (Signature) <i>Willie R. Ruff</i> Date/Time: 12/18/23 1600 Received by/Company: (Signature) <i>Willie R. Ruff</i> Date/Time: 12/18/23 1600 | | | | Chlorine residual mg/L | | | |
| Retinquished by/Company: (Signature) <i>Willie R. Ruff</i> Date/Time: 12/18/23 1745 Received by/Company: (Signature) <i>Willie R. Ruff</i> Date/Time: 12/18/23 1745 | | | | Field data collected at time of autosampler setup unless noted Field data for grab samples analyzed at time of collection unless otherwise noted | | | |

| | | |
|---|-------------------------------|----------------------------|
|  | Document Name: | Document Revised: 7/27/20 |
| | Sample Condition Upon Receipt | Page 1 of 1 |
| Document No.: | | Issuing Authority: |
| F-DAL-C-001-rev.14 | | Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas
 ☐ Ft Worth
 ☐ Corpus Christi
 ☐ Austin

Client Name: Chiquita House Builders Project Work order (place label):

Courier: FedEx ☐ UPS ☐ USPS ☐ Client ☐ ISO ☐ PACE ☐ Other: ☐

Tracking #:

Custody Seal on Cooler/Box: Yes ☐ No ☒

Received on ice: Wet ☒ Dry ☐ No Ice ☐

Receiving Lab 1 Thermometer Used: FWTM18

Receiving Lab 2 Thermometer Used: 1218

Cooler Temp °C: 1.4 (Recorded) -0.05 (Correction Factor) 1.35 (Actual)

Cooler Temp °C: 0.4 (Recorded) -0.2 (Correction Factor) 0.6 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: WFA Date: 12/18/23

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Login Person: OC Date: 12/19

| | |
|--|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| pH Strips: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| CI Strips: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Lead Acetate Strips: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>5min) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| State Sampled: | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Labeling Person (if different than log-in): _____ Date: _____

Mildred ISD

Sample Delivery Group: L1694150
Samples Received: 01/09/2024
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:



Justin Carr
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

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| Wet Chemistry by Method 5210 B-2016 | 7 | |
| Gl: Glossary of Terms | 8 | ⁶ Qc |
| Al: Accreditations & Locations | 9 | ⁷ Gl |
| Sc: Sample Chain of Custody | 10 | ⁸ Al |
| | | ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1694150-01 WW

Collected by
Willie Roschetzky

Collected date/time
01/08/24 13:16

Received date/time
01/09/24 08:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2205194 | 1 | 01/11/24 09:16 | 01/11/24 11:00 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2203373 | 1 | 01/09/24 14:20 | 01/14/24 11:56 | SEN | Allen, TX |

¹Cp ${}^2\text{Tc}$ 3S_s ${}^4\text{Cn}$ ${}^5\text{Sr}$ ${}^6\text{Qc}$ ${}^7\text{Gf}$ ${}^8\text{Al}$ ${}^9\text{Sc}$

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

| | Result | Units |
|-----------------------|--------|-------|
| Analyte | | |
| Sampler Affiliation | Pace | |
| pH (On Site) | 8.8 | su |
| Temperature (on-site) | 11 | Deg C |

¹Cp

²Tc

³Ss

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|---------------------------|
| Suspended Solids | 67.0 | | 25.0 | 1 | 01/11/2024 11:00 | WG2205194 |

⁴Cn

⁵Sr

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|---------------------------|
| BOD | 22.3 | | 6.00 | 1 | 01/14/2024 11:56 | WG2203373 |

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4022447-1 01/11/24 11:00

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|------------------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| Suspended Solids | U | | 2.50 | 2.50 |

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

L1694150-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1694150-01 01/11/24 11:00 • (DUP) R4022447-3 01/11/24 11:00

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 67.0 | 66.0 | 1 | 1.50 | | 10 |

L1694181-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1694181-01 01/11/24 11:00 • (DUP) R4022447-4 01/11/24 11:00

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 188 | 177 | 1 | 6.03 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R4022447-2 01/11/24 11:00

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| Suspended Solids | 928 | 808 | 87.1 | 85.0-115 | |

Method Blank (MB)

(MB) R4022999-1 01/14/24 11:09

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|---------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| BOD | U | | 0.200 | 0.200 |

L1694088-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1694088-01 01/14/24 11:46 • (DUP) R4022999-3 01/14/24 11:58

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | 180 | 148 | 1 | 19.5 | | 20 |

L1694088-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1694088-03 01/14/24 11:52 • (DUP) R4022999-4 01/14/24 12:02

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | 96.3 | 95.4 | 1 | 0.949 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R4022999-2 01/14/24 11:15

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| BOD | 198 | 196 | 98.9 | 85-115 | |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn


⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

| | | |
|---|---|--|
|  | Document Name: Sample Condition Upon Receipt | Document Revised: 7/27/20 Page 1 of 1 |
| | Document No.: F-DAL-C-001-rev.14 | Issuing Authority: Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas
 ☒ Ft Worth
 ☐ Corpus Christi
 ☐ Austin

Client Name: Mildred ISD Project Work order (place label):

Courier: FedEx ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☒ Other: _____

Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☒

Received on ice: Wet ☒ Blue ☐ No ice ☐

Receiving Lab 1 Thermometer Used: FWTM18 Cooler Temp °C: 3.6 (Recorded) -0.05 (Correction Factor) 3.55 (Actual)

Receiving Lab 2 Thermometer Used: 1219 Cooler Temp °C: 0.5 (Recorded) +0.1 (Correction Factor) 0.6 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: WFR Date: 1/8/24

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Login Person: JC Date: 1/9

| | |
|---|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable pH Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present Cl Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present Lead Acetate Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas State Sampled: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Labeling Person (if different than log-in): _____ Date: _____

Mildred ISD

Sample Delivery Group: L1702285
Samples Received: 02/06/2024
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:



Justin Carr
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

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| |
|-----------------|
| ¹ Cp |
| ² Tc |
| ³ Ss |
| ⁴ Cn |
| ⁵ Sr |
| ⁶ Qc |
| ⁷ Gl |
| ⁸ Al |
| ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1702285-01 WW

Collected by
Willie Roschetzky

Collected date/time
02/05/24 13:38

Received date/time
02/06/24 08:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2222523 | 1 | 02/08/24 10:40 | 02/08/24 11:50 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2220748 | 1 | 02/06/24 14:35 | 02/11/24 09:41 | JBS | Allen, TX |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

| | Result | Units |
|-----------------------|--------|-------|
| Analyte | | |
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.39 | su |
| Temperature (on-site) | 15 | Deg C |

¹Cp

²Tc

³Ss

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|---------------------------|
| Suspended Solids | 47.0 | | 25.0 | 1 | 02/08/2024 11:50 | WG2222523 |

⁴Cn

⁵Sr

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|---------------------------|
| BOD | 21.9 | | 6.00 | 1 | 02/11/2024 09:41 | WG2220748 |

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4031930-1 02/08/24 11:50

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|------------------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| Suspended Solids | U | | 2.50 | 2.50 |

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

L1702328-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1702328-01 02/08/24 11:50 • (DUP) R4031930-3 02/08/24 11:50

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 29200 | 30200 | 1 | 3.30 | | 10 |

L1702328-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1702328-03 02/08/24 11:50 • (DUP) R4031930-4 02/08/24 11:50

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 1880 | 2300 | 1 | 20.1 | P1 | 10 |

Laboratory Control Sample (LCS)

(LCS) R4031930-2 02/08/24 11:50

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| Suspended Solids | 928 | 872 | 94.0 | 85.0-115 | |

Method Blank (MB)

(MB) R4032450-1 02/11/24 09:30

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | U | | 0.200 | 0.200 |

L1702361-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1702361-02 02/11/24 10:04 • (DUP) R4032450-3 02/11/24 10:25

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 48.8 | 43.1 | 1 | 12.5 | | 20 |

L1702401-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1702401-01 02/11/24 10:10 • (DUP) R4032450-4 02/11/24 10:29

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 149 | 139 | 1 | 6.77 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R4032450-2 02/11/24 09:36

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 199 | 101 | 85-115 | |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|---|
| P1 | RPD value not applicable for sample concentrations less than 5 times the reporting limit. |
|----|---|

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn


⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

| | | |
|---|---|--|
|  | Document Name: Sample Condition Upon Receipt | Document Revised: 7/27/20 Page 1 of 1 |
| | Document No.: F-DAL-C-001-rev.14 | Issuing Authority: Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas
 ☒ Ft Worth
 ☐ Corpus Christi
 ☐ Austin

Client Name: Mildred ISD

Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☒ Other: _____

Tracking #: _____

L1702285

Custody Seal on Cooler/Box: Yes ☐ No ☒

Received on ice: Wet ☒ Blue ☐ No ice ☐

Receiving Lab 1 Thermometer Used: FWTM03

Receiving Lab 2 Thermometer Used: 1R19

Cooler Temp °C: 4.1 (Recorded) 0.0 (Correction Factor) 4.1 (Actual)
 Cooler Temp °C: 0.2 (Recorded) 10.2 (Correction Factor) 0.4 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: VFA

Date: 2/5/24

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Login Person: JW

Date: 2/6/24

| | |
|---|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable pH Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present Cl Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present Lead Acetate Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas State Sampled: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): _____ | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Labeling Person (if different than log-in): _____

Date: _____

Mildred ISD

Sample Delivery Group: L1711538
Samples Received: 03/05/2024
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:



Justin Carr
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

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| Al: Accreditations & Locations | 9 | ⁷ Gl |
| Sc: Sample Chain of Custody | 10 | ⁸ Al |
| | | ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1711538-01 WW

Collected by

Collected date/time

Received date/time

03/04/24 12:03

03/05/24 09:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2239848 | 1 | 03/05/24 12:17 | 03/05/24 13:55 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2239657 | 1 | 03/05/24 13:36 | 03/10/24 11:20 | QQT | Allen, TX |

¹Cp ^{99m}Tc 3S_1 ${}^4\text{Cn}$ ^{87}Sr ${}^6\text{Qc}$ ⁷GI ${}^8\text{Al}$ ⁹Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

| | Result | Units |
|-----------------------|--------|-------|
| Analyte | | |
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.92 | su |
| Temperature (on-site) | 23 | Deg C |

1
Cp

2
Tc

3
Ss

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|---------------------------|
| Suspended Solids | 66.0 | | 50.0 | 1 | 03/05/2024 13:55 | WG2239848 |

4
Cn

5
Sr

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|---------------------------|
| BOD | 21.3 | | 6.00 | 1 | 03/10/2024 11:20 | WG2239657 |

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4041958-1 03/05/24 13:55

| | MB Result | <u>MB Qualifier</u> | MB MDL | MB RDL |
|------------------|-----------|---------------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| Suspended Solids | U | | 2.50 | 2.50 |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1710885-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1710885-01 03/05/24 13:55 • (DUP) R4041958-3 03/05/24 13:55

| | Original Result | DUP Result | Dilution | DUP RPD | <u>DUP Qualifier</u> | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|----------------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 178 | 180 | 1 | 0.949 | | 10 |

⁷Gl

⁸Al

Laboratory Control Sample (LCS)

(LCS) R4041958-2 03/05/24 13:55

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | <u>LCS Qualifier</u> |
|------------------|--------------|------------|----------|-------------|----------------------|
| Analyte | mg/l | mg/l | % | % | |
| Suspended Solids | 928 | 807 | 87.0 | 85.0-115 | |

⁹Sc

Method Blank (MB)

(MB) R4043665-1 03/10/24 11:09

| | MB Result | <u>MB Qualifier</u> | MB MDL | MB RDL |
|---------|-----------|---------------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| BOD | U | | 0.200 | 0.200 |

L1711572-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1711572-02 03/10/24 11:25 • (DUP) R4043665-3 03/10/24 11:43

| | Original Result | DUP Result | Dilution | DUP RPD | <u>DUP Qualifier</u> | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|----------------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | 246 | 260 | 1 | 5.34 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R4043665-2 03/10/24 11:14

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | <u>LCS Qualifier</u> |
|---------|--------------|------------|----------|-------------|----------------------|
| Analyte | mg/l | mg/l | % | % | |
| BOD | 198 | 213 | 107 | 85-115 | |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn


⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

| | | |
|---|---|--|
|  | Document Name: Sample Condition Upon Receipt | Document Revised: 7/27/20 Page 1 of 1 |
| | Document No.: F-DAL-C-001-rev.14 | Issuing Authority: Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas
 ☒ Ft Worth
 ☐ Corpus Christi
 ☐ Austin

Client Name: M. daed 750

Courier: FedEx ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☐ Other: _____

Tracking #: _____ Project Work order (place label): _____

Custody Seal on Cooler/Box: Yes ☐ No ☒

Received on ice: Wet ☒ Blue ☐ No ice ☐

Receiving Lab 1 Thermometer Used: FWTM03

Receiving Lab 2 Thermometer Used: 1R19

Cooler Temp °C: 0.8 (Recorded) 0.0 (Correction Factor) 0.8 (Actual)
 Cooler Temp °C: 3.1 (Recorded) +0.2 (Correction Factor) 3.3 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: WFA Date: 3/4/24

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Login Person: OC Date: 3/5

| | |
|---|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| pH Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| CI Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Lead Acetate Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| State Sampled: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): _____ | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Labeling Person (if different than log-in): _____ Date: _____

Mildred ISD

Sample Delivery Group: L1721026
Samples Received: 04/02/2024
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:



Cassandra Foster
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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| Sr: Sample Results | 5 | ³ Ss |
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| Qc: Quality Control Summary | 6 | ⁴ Cn |
| Gravimetric Analysis by Method 2540D | 6 | ⁵ Sr |
| Wet Chemistry by Method 5210 B-2016 | 7 | |
| Gl: Glossary of Terms | 8 | ⁶ Qc |
| Al: Accreditations & Locations | 9 | ⁷ Gl |
| Sc: Sample Chain of Custody | 10 | ⁸ Al |
| | | ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1721026-01 WW

Collected by
Willie Roschetzky

Collected date/time
04/01/24 12:26

Received date/time
04/02/24 08:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2260963 | 1 | 04/05/24 05:53 | 04/05/24 07:39 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2258381 | 1 | 04/02/24 14:05 | 04/07/24 09:43 | QQT | Allen, TX |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Cassandra Foster
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

| | Result | Units |
|-----------------------|--------|-------|
| Analyte | | |
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.93 | su |
| Temperature (on-site) | 24 | Deg C |

1
Cp

2
Tc

3
Ss

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|---------------------------|
| Suspended Solids | 37.0 | | 25.0 | 1 | 04/05/2024 07:39 | WG2260963 |

4
Cn

5
Sr

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|---------------------------|
| BOD | 17.5 | | 6.00 | 1 | 04/07/2024 09:43 | WG2258381 |

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4054915-1 04/05/24 07:39

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|------------------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| Suspended Solids | U | | 2.50 | 2.50 |

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

L1721106-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1721106-05 04/05/24 07:39 • (DUP) R4054915-3 04/05/24 07:39

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 13900 | 14000 | 1 | 1.15 | | 10 |

L1721106-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1721106-06 04/05/24 07:39 • (DUP) R4054915-4 04/05/24 07:39

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 11200 | 14100 | 1 | 23.0 | J3 | 10 |

Laboratory Control Sample (LCS)

(LCS) R4054915-2 04/05/24 07:39

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| Suspended Solids | 928 | 971 | 105 | 85.0-115 | |

Method Blank (MB)

(MB) R4054710-1 04/07/24 09:24

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|---------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| BOD | U | | 0.200 | 0.200 |

L1720855-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1720855-01 04/07/24 09:35 • (DUP) R4054710-3 04/07/24 10:31

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | ND | ND | 1 | 0 | | 20 |

L1721065-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1721065-01 04/07/24 10:12 • (DUP) R4054710-4 04/07/24 10:33

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | 5.28 | 5.97 | 1 | 12.3 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R4054710-2 04/07/24 09:30

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| BOD | 198 | 199 | 100 | 85-115 | |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

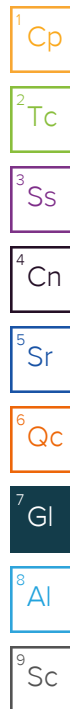
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|--|
| J3 | The associated batch QC was outside the established quality control range for precision. |
|----|--|



ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Pace Analytical

| | |
|---|--|
| Document Name: Sample Condition Upon Receipt | Document Revised: 7/27/20 Page 1 of 1 |
| Document No.: F-DAL-C-001-rev.14 | Issuing Authority: Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas ☒ Ft Worth ☐ Corpus Christi ☐ Austin

Client Name: M. J. de la JSD Project Work order (place label): _____

Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSC ☐ PACE ☐ Other: _____

Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☒

Received on ice: Wet ☒ Blue ☐ No Ice ☐

Receiving Lab 1 Thermometer Used: FWTM03

Receiving Lab 2 Thermometer Used: 1219

Cooler Temp °C: 1.0 (Recorded) 0.0

Cooler Temp °C: 1.4 (Recorded) +0.2

(Correction Factor) 1.0 (Actual)

(Correction Factor) 1.6 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: WFA

Date: 4/1/24

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Login Person: OC

Date: 4/2

| | |
|---|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| pH Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Cl Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Lead Acetate Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| State Sampled: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): _____ | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Labeling Person (if different than log-in): _____

Date: _____

May 13, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Mildred ISD

Sample Delivery Group: L1733198
Samples Received: 05/07/2024
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:



Justin Carr
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 mydata.pacelabs.com

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| | | ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1733198-01 WW

Collected by
Willie Roschetzky

Collected date/time
05/06/24 13:41

Received date/time
05/07/24 08:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2284431 | 1 | 05/11/24 02:53 | 05/11/24 04:21 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2281551 | 1 | 05/07/24 14:46 | 05/12/24 13:12 | SEN | Allen, TX |

¹Cp ${}^2\text{Tc}$ 3S_1 ${}^4\text{Cn}$ ^5Sr ${}^6\text{Qc}$ ${}^7\text{Gf}$ ${}^8\text{Al}$ ${}^9\text{Sc}$

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

| | Result | Units |
|-----------------------|--------|-------|
| Analyte | | |
| Sampler Affiliation | Pace | |
| pH (On Site) | 10.16 | su |
| Temperature (on-site) | 26 | Deg C |

¹Cp

²Tc

³Ss

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|---------------------------|
| Suspended Solids | 49.0 | | 25.0 | 1 | 05/11/2024 04:21 | WG2284431 |

⁴Cn

⁵Sr

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|---------------------------|
| BOD | 16.1 | | 6.00 | 1 | 05/12/2024 13:12 | WG2281551 |

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4068935-1 05/11/24 04:21

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|------------------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| Suspended Solids | U | | 2.50 | 2.50 |

L1733073-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1733073-01 05/11/24 04:21 • (DUP) R4068935-3 05/11/24 04:21

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 1020 | 1050 | 1 | 2.90 | | 10 |

L1733294-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1733294-01 05/11/24 04:21 • (DUP) R4068935-4 05/11/24 04:21

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 45400 | 46500 | 1 | 2.44 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R4068935-2 05/11/24 04:21

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| Suspended Solids | 928 | 859 | 92.6 | 85.0-115 | |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4068763-1 05/12/24 12:33

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|---------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| BOD | U | | 0.200 | 0.200 |

L1733093-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1733093-01 05/12/24 12:55 • (DUP) R4068763-3 05/12/24 13:40

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | 98.0 | 97.7 | 1 | 0.307 | | 20 |

L1733264-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1733264-02 05/12/24 13:17 • (DUP) R4068763-4 05/12/24 13:42

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | 152 | 164 | 1 | 7.59 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R4068763-2 05/12/24 12:38

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| BOD | 198 | 205 | 103 | 85-115 | |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

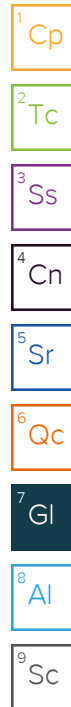
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn


⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

| | | |
|---|---|--|
|  | Document Name: Sample Condition Upon Receipt | Document Revised: 7/27/20 Page 1 of 1 |
| | Document No.: F-DAL-C-001-rev.14 | Issuing Authority: Pace Dallas Quality Office |

Sample Condition Upon Receipt

☐ Dallas
 ☒ Ft Worth
 ☐ Corpus Christi
 ☐ Austin

Client Name: M. J. Reed ISD Project Work order (place label):
 Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☐ Other: _____
 Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☒

Received on ice: Wet ☒ Blue ☐ No ice ☐

Receiving Lab 1 Thermometer Used: FWTM03

Receiving Lab 2 Thermometer Used: 1219

Cooler Temp °C: 2.6 (Recorded) 0.0 (Correction Factor) 2.6 (Actual)
 Cooler Temp °C: 2.5 (Recorded) 10.2 (Correction Factor) 2.7 (Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: WFL Date: 5/6/24

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Login Person: JW Date: 5/7/24

| | |
|---|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable pH Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present Cl Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present Lead Acetate Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil freezer within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas State Sampled: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Labeling Person (if different than log-in): _____ Date: _____

Mildred ISD

Sample Delivery Group: L1742628
Samples Received: 06/04/2024
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:



Justin Carr
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 mydata.pacelabs.com

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| Qc: Quality Control Summary | 6 | ⁴ Cn |
| Gravimetric Analysis by Method 2540D | 6 | ⁵ Sr |
| Wet Chemistry by Method 5210 B-2016 | 7 | |
| Gl: Glossary of Terms | 8 | ⁶ Qc |
| Al: Accreditations & Locations | 9 | ⁷ Gl |
| Sc: Sample Chain of Custody | 10 | ⁸ Al |
| | | ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1742628-01 WW

Collected by
Willie Roschetzky

Collected date/time
06/03/24 12:52

Received date/time
06/04/24 08:30

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2300773 | 1 | 06/07/24 12:36 | 06/07/24 16:14 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2298139 | 1 | 06/04/24 12:47 | 06/09/24 10:38 | JBS | Allen, TX |

¹Cp ${}^2\text{Tc}$ 3S_s ${}^4\text{Cn}$ ${}^5\text{Sr}$ ${}^6\text{Qc}$ ${}^7\text{Gf}$ ${}^8\text{Al}$ ${}^9\text{Sc}$

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

| | Result | Units |
|-----------------------|--------|-------|
| Analyte | | |
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.43 | su |
| Temperature (on-site) | 29 | Deg C |

¹Cp

²Tc

³Ss

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|---------------------------|
| Suspended Solids | 40.7 | | 16.7 | 1 | 06/07/2024 16:14 | WG2300773 |

⁴Cn

⁵Sr

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|---------------------------|
| BOD | 20.2 | | 6.00 | 1 | 06/09/2024 10:38 | WG2298139 |

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4079661-1 06/07/24 16:14

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|------------------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| Suspended Solids | U | | 2.50 | 2.50 |

L1742163-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1742163-01 06/07/24 16:14 • (DUP) R4079661-3 06/07/24 16:14

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 947 | 900 | 1 | 5.06 | | 10 |

L1742163-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1742163-03 06/07/24 16:14 • (DUP) R4079661-4 06/07/24 16:14

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 560 | 580 | 1 | 3.51 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R4079661-2 06/07/24 16:14

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| Suspended Solids | 879 | 883 | 100 | 85.0-115 | |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4079326-1 06/09/24 10:28

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|---------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| BOD | U | | 0.200 | 0.200 |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

L1742634-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1742634-01 06/09/24 10:48 • (DUP) R4079326-3 06/09/24 10:55

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | 3.91 | 4.35 | 1 | 10.7 | K9 | 20 |

Laboratory Control Sample (LCS)

(LCS) R4079326-2 06/09/24 10:34

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| BOD | 198 | 210 | 106 | 85-115 | |

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

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Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|--|
| K9 | Test replicates show more than 30% difference between high and low values. |
|----|--|

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn


⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

| | |
|---|--|
|  | DC#_Title: ENV-FRM-ALLE-0017 v15_Sample Condition Upon Receipt |
| | Effective Date: 12/18/2023 |

Sample Condition Upon Receipt

☐ Dallas
 ☒ Ft Worth
 ☐ Corpus Christi
 ☐ Austin

Client Name: M. J. Red ISD

Project Work order (place label):

Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☒ Other: _____

Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☒

Received on ice: Wet ☒ Blue ☐ No ice ☐

Receiving Lab 1 Thermometer Used: FWTM03 Cooler Temp °C: 1.9 (Recorded) 0 (Correction Factor) 1.9 (Actual)

Receiving Lab 2 Thermometer Used: 1219 Cooler Temp °C: 2.2 (Recorded) +0.1 (Correction Factor) 2.3 (Actual)

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable.

Triage Person: WFR Date: 6/3/24

| | |
|--|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| pH Strips: _____ | |
| Residual Chlorine Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| CI Strips: _____ | |
| Sulfide Present | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Lead Acetate Strips: _____ | |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| State Sampled: _____ | |
| Non-Conformance(s): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Login Person: JW Date: 6/4/24

Labeling Person (if different than log-in): _____ Date: _____

Mildred ISD

Sample Delivery Group: L1752574
Samples Received: 07/02/2024
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:



Justin Carr
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 mydata.pacelabs.com

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| |
|-----------------|
| ¹ Cp |
| ² Tc |
| ³ Ss |
| ⁴ Cn |
| ⁵ Sr |
| ⁶ Qc |
| ⁷ Gl |
| ⁸ Al |
| ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1752574-01 WW

Collected by
Willie Roschetzky

Collected date/time
07/01/24 13:15

Received date/time
07/02/24 08:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2316106 | 1 | 07/02/24 14:00 | 07/02/24 15:35 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2315869 | 1 | 07/02/24 13:57 | 07/07/24 11:55 | JBS | Allen, TX |

¹Cp ${}^2\text{Tc}$ 3S_s ${}^4\text{Cn}$ ${}^5\text{Sr}$ ${}^6\text{Qc}$ ${}^7\text{Gf}$ ${}^8\text{Al}$ ${}^9\text{Sc}$

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

| | Result | Units |
|-----------------------|--------|-------|
| Analyte | | |
| Sampler Affiliation | Pace | |
| pH (On Site) | 8.95 | su |
| Temperature (on-site) | 36 | Deg C |

¹ Cp

² Tc

³ Ss

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|---------------------------|
| Suspended Solids | 33.5 | | 12.5 | 1 | 07/02/2024 15:35 | WG2316106 |

⁴ Cn

⁵ Sr

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|---------------------------|
| BOD | 16.3 | | 6.00 | 1 | 07/07/2024 11:55 | WG2315869 |

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Method Blank (MB)

(MB) R4089660-1 07/02/24 15:35

| Analyte | MB Result mg/l | <u>MB Qualifier</u> | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|---------------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

Laboratory Control Sample (LCS)

(LCS) R4089660-2 07/02/24 15:35

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | <u>LCS Qualifier</u> |
|------------------|----------------------|--------------------|---------------|------------------|----------------------|
| Suspended Solids | 879 | 843 | 95.9 | 85.0-115 | |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4090946-1 07/07/24 11:43

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|---------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| BOD | U | | 0.200 | 0.200 |

L1752514-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1752514-01 07/07/24 11:53 • (DUP) R4090946-3 07/07/24 12:36

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | ND | ND | 1 | 0 | | 20 |

L1752629-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1752629-01 07/07/24 12:12 • (DUP) R4090946-4 07/07/24 12:38

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | 6.09 | 6.86 | 1 | 11.9 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R4090946-2 07/07/24 11:49

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| BOD | 198 | 195 | 98.4 | 85-115 | |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

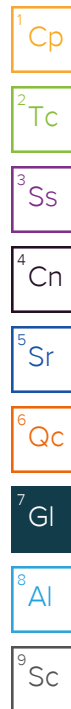
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc




CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here



Scan QR Code for instructions

| | | | | | |
|---|--|--|--|--|--|
| Company Name: Mildred ISD | | Contact/Report To: | |  Scan QR Code for instructions | |
| Street Address: 475 US-287 Corsicana TX 75109 | | Phone #: | | | |
| Customer Project #: | | E-Mail: | | Specify Container Size ** | |
| Project Name: | | Cc E-Mail: | | | |
| Site Collection Info/Facility ID (as applicable): Monthly Effluent | | Invoice To: | | 1 | |
| Time Zone Collected: [] AK [] PT [] MT [X] CT [] ET | | Invoice E-Mail: | | Identify Container Preservative Type*** | |
| Data Deliverables: | | Purchase Order # (if applicable): | | 1 | |
| [] Level II [] Level III [] Level IV | | Quote #: | | Analysis Requested | |
| [] EQUIS | | County / State origin of sample(s): | | BOD, TSS | |
| [] Other | | Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No | | | |
| * Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT) | | Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other | | PH (Onsite) = 9.85 | |
| Customer Sample ID | | Date Results Requested: | | Temp (Onsite) = 36.2 | |
| Matrix * | | Field Filtered (if applicable): [] Yes [] No | | Lab Use Only | |
| Comp / Grab | | Analysis: | | | |
| Composite Start | | DW PWSID # or WW Permit # as applicable: | | Preservation non-conformance identified for sample | |
| Collected or Composite End | | # Cont. | | | |
| Date | | Time | | Profile / Template: T197065 | |
| Date | | Time | | Prelog / Bottle Ord. ID: | |
| Res. Chlorine | | Units | | Sample Comment | |
| Effluent | | WW | | G | |
| n/a | | n/a | | 7/1/24 1315 | |
| 2 | | X | | X | |
| X | | X | | L752574-01 | |
| Additional Instructions from Pace*: | | Collected By: (Printed Name) Willie Roschetzky | | Customer Remarks / Special Conditions / Possible Hazards: | |
| Signature: [Signature] | | Signature: [Signature] | | # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C) On Ice: | |
| Relinquished by/Company: (Signature) [Signature] | | Date/Time: 7/2/24 0700 | | Tracking Number: | |
| Relinquished by/Company: (Signature) [Signature] | | Date/Time: 7/2/24 0800 | | Delivered by: [] In-Person [] Courier | |
| Relinquished by/Company: (Signature) [Signature] | | Date/Time: 7/2/24 0800 | | [] FedEx [] UPS [] Other | |
| Relinquished by/Company: (Signature) [Signature] | | Date/Time: 7/2/24 0800 | | Page: of | |



DC#_Title: ENV-FRM-ALLE-0017 v15_Sample Condition Upon Receipt

Effective Date: 12/18/2023

Sample Condition Upon Receipt

☐ Dallas☒ Ft Worth☐ Corpus Christi☐ AustinClient Name: M. Lopez FSD Project Work order (place label):Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☒ Other: _____

Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☒Received on ice: Wet ☒ Blue ☐ No ice ☐Receiving Lab 1 Thermometer Used: FWTM18 Cooler Temp °C: 0.4 (Recorded) +0.3 (Correction Factor) 0.7 (Actual)Receiving Lab 2 Thermometer Used: 1219 Cooler Temp °C: 1.5 (Recorded) +0.1 (Correction Factor) 1.6 (Actual)

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable.

Triage Person: WFA Date: 7/1/24

| | |
|---|--|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable pH Strips: _____ | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present Cl Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present Lead Acetate Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas State Sampled: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Login Person: OC Date: 7/2

Labeling Person (if different than log-in): _____ Date: _____

Mildred ISD

Sample Delivery Group: L1763908
Samples Received: 08/06/2024
Project Number:
Description: Monthly Effluent

Report To: Ruby Coker
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:



T. Alan Harvill
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 mydata.pacelabs.com

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| Gl: Glossary of Terms | 8 | ⁶ Qc |
| Al: Accreditations & Locations | 9 | ⁷ Gl |
| Sc: Sample Chain of Custody | 10 | ⁸ Al |
| | | ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1763908-01 WW

Collected by
Willie Roschetzky

Collected date/time
08/05/24 13:23

Received date/time
08/06/24 08:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2338797 | 1 | 08/08/24 10:13 | 08/08/24 12:54 | SEN | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2337027 | 1 | 08/06/24 13:37 | 08/11/24 10:38 | JBS | Allen, TX |

¹Cp ${}^2\text{Tc}$ 3S_1 ${}^4\text{Cn}$ ${}^5\text{Sr}$ ${}^6\text{Qc}$ ${}^7\text{Gf}$ ${}^8\text{Al}$ ${}^9\text{Sc}$

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



T. Alan Harvill
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

| | Result | Units |
|-----------------------|--------|-------|
| Analyte | | |
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.87 | su |
| Temperature (on-site) | 36 | Deg C |

¹Cp

²Tc

³Ss

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|---------------------------|
| Suspended Solids | 38.7 | | 16.7 | 1 | 08/08/2024 12:54 | WG2338797 |

⁴Cn

⁵Sr

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|---------------------------|
| BOD | 28.9 | | 6.00 | 1 | 08/11/2024 10:38 | WG2337027 |

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4104750-1 08/08/24 12:54

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|------------------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| Suspended Solids | U | | 2.50 | 2.50 |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

L1764188-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1764188-03 08/08/24 12:54 • (DUP) R4104750-3 08/08/24 12:54

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 13400 | 13200 | 1 | 1.65 | | 10 |

L1764188-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1764188-05 08/08/24 12:54 • (DUP) R4104750-4 08/08/24 12:54

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 13100 | 12900 | 1 | 1.85 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R4104750-2 08/08/24 12:54

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| Suspended Solids | 879 | 840 | 95.6 | 85.0-115 | |

Method Blank (MB)

(MB) R4105424-1 08/11/24 10:17

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | U | | 0.200 | 0.200 |

L1763926-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1763926-01 08/11/24 10:39 • (DUP) R4105424-3 08/11/24 11:00

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 4.19 | 4.13 | 1 | 1.44 | | 20 |

L1763943-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1763943-01 08/11/24 10:58 • (DUP) R4105424-4 08/11/24 11:03

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | ND | ND | 1 | 0 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R4105424-2 08/11/24 10:23

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 199 | 101 | 85-115 | |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

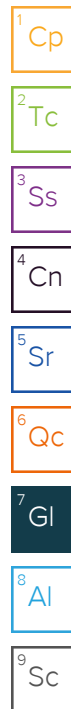
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



DC#_Title: ENV-FRM-ALLE-0017 v15_Sample Condition Upon Receipt

Effective Date: 12/18/2023

Sample Condition Upon Receipt

☐ Dallas☒ Ft Worth☐ Corpus Christi☐ AustinClient Name: M. J. Reed ISA Project Work order (place label):Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☒ Other: _____

Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☒Received on ice: Wet ☒ Blue ☐ No ice ☐Receiving Lab 1 Thermometer Used: FWTM18 Cooler Temp °C: 1.1 (Recorded) 1.3 (Correction Factor) 1.4 (Actual)Receiving Lab 2 Thermometer Used: 1K19 Cooler Temp °C: 1.9 (Recorded) 10.1 (Correction Factor) 2.0 (Actual)

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable.

Triage Person: WFA Date: 8/5/24

| | |
|---|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable pH Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present Cl Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present Lead Acetate Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas State Sampled: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): _____ | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Login Person: OC Date: 8/16

Labeling Person (if different than log-in): _____ Date: _____

September 17, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Mildred ISD

Sample Delivery Group: L1775755
Samples Received: 09/10/2024
Project Number:
Description: Monthly Effluent

Report To: Brandy Emerson
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:



Justin Carr
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 mydata.pacelabs.com

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| | | ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1775755-01 WW

Collected by
Willie Roschetzky

Collected date/time
09/09/24 13:48

Received date/time
09/10/24 08:00

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2363559 | 1 | 09/16/24 16:26 | 09/16/24 16:59 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2359373 | 1 | 09/10/24 14:23 | 09/15/24 12:06 | SEN | Allen, TX |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

| | Result | Units |
|-----------------------|--------|-------|
| Analyte | | |
| Sampler Affiliation | Pace | |
| pH (On Site) | 9.43 | su |
| Temperature (on-site) | 28 | Deg C |

1
Cp

2
Tc

3
Ss

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|---------------------------|
| Suspended Solids | 10.9 | | 3.13 | 1 | 09/16/2024 16:59 | WG2363559 |

4
Cn

5
Sr

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|---------------------------|
| BOD | 15.7 | | 6.00 | 1 | 09/15/2024 12:06 | WG2359373 |

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4120690-1 09/16/24 16:59

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|------------------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| Suspended Solids | U | | 2.50 | 2.50 |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

L1775986-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1775986-05 09/16/24 16:59 • (DUP) R4120690-3 09/16/24 16:59

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 15800 | 15900 | 1 | 0.759 | | 10 |

⁷Gl

⁸Al

Laboratory Control Sample (LCS)

(LCS) R4120690-2 09/16/24 16:59

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| Suspended Solids | 879 | 831 | 94.5 | 85.0-115 | |

⁹Sc

Method Blank (MB)

(MB) R4120105-1 09/15/24 11:56

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|---------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| BOD | U | | 0.200 | 0.200 |

L1775794-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1775794-01 09/15/24 12:10 • (DUP) R4120105-3 09/15/24 12:41

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | 190 | 140 | 1 | 30.1 | J3 | 20 |

L1775864-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1775864-01 09/15/24 12:30 • (DUP) R4120105-4 09/15/24 12:43

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | 8.14 | 11.5 | 1 | 34.2 | J3 K9 | 20 |

Laboratory Control Sample (LCS)

(LCS) R4120105-2 09/15/24 12:01

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| BOD | 198 | 194 | 97.8 | 85-115 | |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|--|
| J3 | The associated batch QC was outside the established quality control range for precision. |
| K9 | Test replicates show more than 30% difference between high and low values. |

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

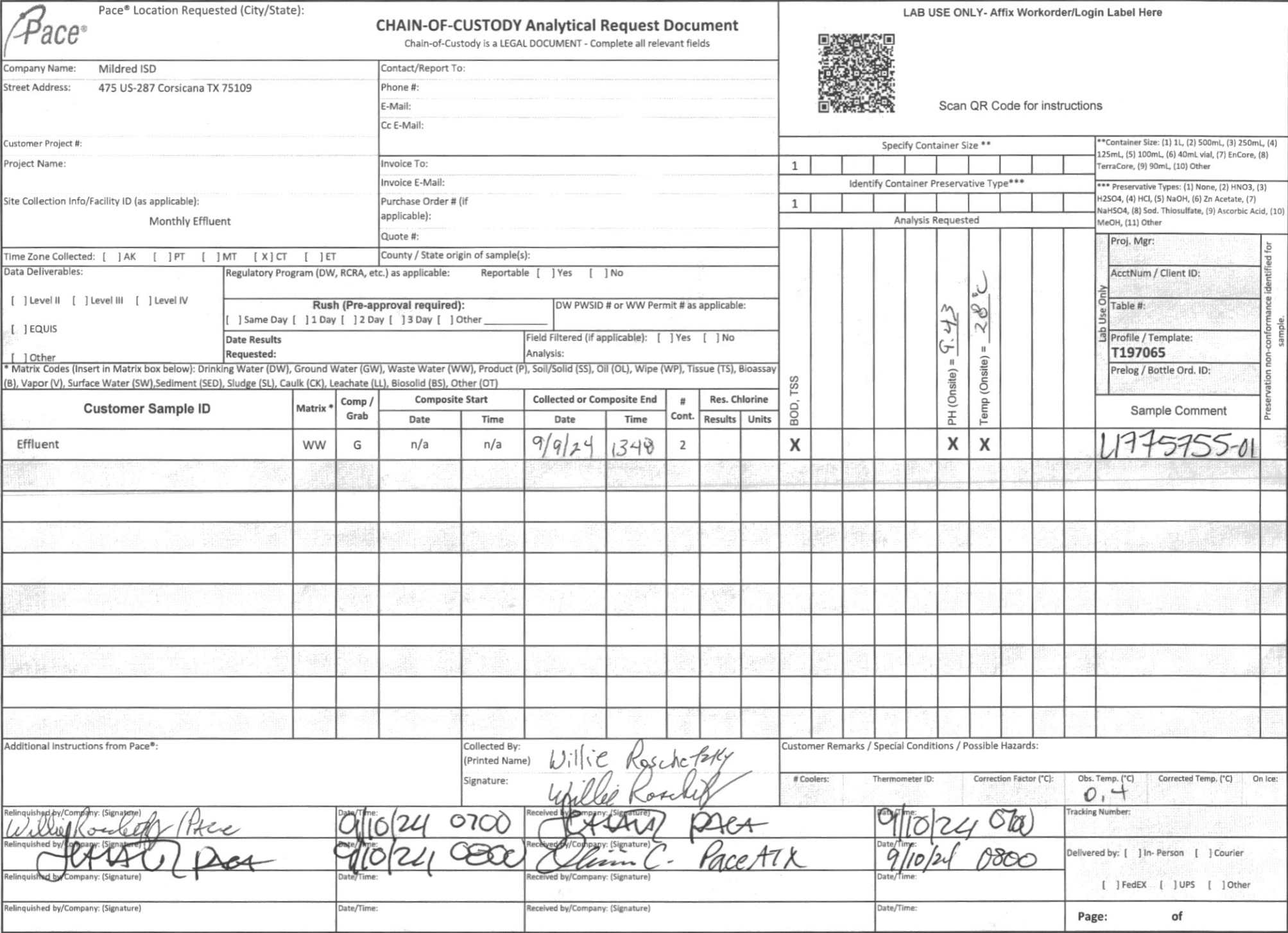
⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc





DC#_Title: ENV-FRM-ALLE-0017 v15_Sample Condition Upon Receipt

Effective Date: 12/18/2023

Sample Condition Upon Receipt

☐ Dallas ☒ Ft Worth ☐ Corpus Christi ☐ Austin

Client Name: Middle ISF Project Work order (place label):

Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☒ Other: _____

Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☒

Received on ice: Wet ☒ Blue ☐ No ice ☐

Receiving Lab 1 Thermometer Used: FWTM18 Cooler Temp °C: 0.4 (Recorded) +1.3 (Correction Factor) 0.7 (Actual)

Receiving Lab 2 Thermometer Used: R18 Cooler Temp °C: 1.4 (Recorded) 0.0 (Correction Factor) 1.4 (Actual)

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable.

Triage Person: WFL Date: 9/9/24

| | |
|---|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable pH Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present Cl Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present Lead Acetate Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas State Sampled: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Login Person: ae Date: 9/10

Labeling Person (if different than log-in): _____ Date: _____

October 21, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Mildred ISD

Sample Delivery Group: L1788818

Samples Received: 10/14/2024

Project Number:

Description: Monthly Effluent

Report To: Brandy Emerson
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:



T. Alan Harvill
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 mydata.pacelabs.com

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| |
|-----------------|
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| ³ Ss |
| ⁴ Cn |
| ⁵ Sr |
| ⁶ Qc |
| ⁷ Gl |
| ⁸ Al |
| ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1788818-01 WW

Collected by
Willie Roschetzky

Collected date/time
10/14/24 13:27

Received date/time
10/14/24 16:10

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2383134 | 1 | 10/16/24 09:30 | 10/16/24 12:22 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2382348 | 1 | 10/15/24 14:36 | 10/20/24 11:51 | JBS | Allen, TX |

 ^1Cp ^{235}Tc

3
Ss

 ${}^4\text{Cn}$ ^{87}Sr

Qc

G|

Al

Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



T. Alan Harvill
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

| | Result | Units |
|-----------------------|--------|-------|
| Analyte | | |
| Sampler Affiliation | Pace | |
| pH (On Site) | 10.32 | su |
| Temperature (on-site) | 27 | Deg C |

¹Cp

²Tc

³Ss

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|---------------------------|
| Suspended Solids | 47.0 | | 25.0 | 1 | 10/16/2024 12:22 | WG2383134 |

⁴Cn

⁵Sr

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|--------------------|------|----------|----------------------|---------------------------|
| BOD | 25.1 | K9 | 5.00 | 1 | 10/20/2024 11:51 | WG2382348 |

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4134211-1 10/16/24 12:22

| Analyte | MB Result mg/l | <u>MB Qualifier</u> | MB MDL mg/l | MB RDL mg/l |
|------------------|-------------------|---------------------|----------------|----------------|
| Suspended Solids | U | | 2.50 | 2.50 |

Laboratory Control Sample (LCS)

(LCS) R4134211-2 10/16/24 12:22

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | <u>LCS Qualifier</u> |
|------------------|----------------------|--------------------|---------------|------------------|----------------------|
| Suspended Solids | 854 | 871 | 102 | 85.0-115 | |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4135218-1 10/20/24 11:30

| | MB Result | <u>MB Qualifier</u> | MB MDL | MB RDL |
|---------|-----------|---------------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| BOD | U | | 0.200 | 0.200 |

L1788816-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1788816-01 10/20/24 11:47 • (DUP) R4135218-3 10/20/24 12:02

| | Original Result | DUP Result | Dilution | DUP RPD | <u>DUP Qualifier</u> | DUP RPD Limits |
|---------|-----------------|--------------|----------|---------|----------------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | See Footnote | See Footnote | 1 | 2.65 | <u>K2</u> | 20 |

Sample Narrative:

OS: Residual DO criteria of at least 1 mg/l not met. BOD > 43.6

DUP: Residual DO criteria of at least 1 mg/l not met. BOD > 42.4

Laboratory Control Sample (LCS)

(LCS) R4135218-2 10/20/24 11:35

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | <u>LCS Qualifier</u> |
|---------|--------------|------------|----------|-------------|----------------------|
| Analyte | mg/l | mg/l | % | % | |
| BOD | 198 | 194 | 97.8 | 85-115 | |

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

| | |
|----|---|
| K2 | The sample dilutions set up for the BOD/CBOD analysis did not meet the criteria of a residual dissolved oxygen of at least 1 mg/L. Reported result is an estimated value. |
| K9 | Test replicates show more than 30% difference between high and low values. |

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



DC#_Title: ENV-FRM-ALLE-0017 v15_Sample Condition Upon Receipt

Effective Date: 12/18/2023

Sample Condition Upon Receipt

☐ Dallas ☐ Ft Worth ☐ Corpus Christi ☐ AustinClient Name: Mildred ISP Project Work order (place label):Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☒ Other: _____

Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☒Received on ice: Wet ☒ Blue ☐ No ice ☐Receiving Lab 1 Thermometer Used: 1219 Cooler Temp °C: 0.6 (Recorded) -0.2 (Correction Factor) 0.4 (Actual)

Receiving Lab 2 Thermometer Used: _____ Cooler Temp °C: _____ (Recorded) _____ (Correction Factor) _____ (Actual)

L1788818

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable.

Triage Person: AR Date: 10/15

| | |
|---|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable pH Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present Cl Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present Lead Acetate Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas State Sampled: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Login Person: AR Date: 10/15

Labeling Person (if different than log-in): _____ Date: _____

Mildred ISD

Sample Delivery Group: L1795462

Samples Received: 11/04/2024

Project Number:

Description: Monthly Effluent

Report To: Brandy Emerson
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:



Justin Carr
Project Manager

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| Sr: Sample Results | 5 | ³ Ss |
| EFFLUENT L1795462-01 | 5 | |
| Qc: Quality Control Summary | 6 | ⁴ Cn |
| Gravimetric Analysis by Method 2540D | 6 | ⁵ Sr |
| Wet Chemistry by Method 5210 B-2016 | 7 | |
| Gl: Glossary of Terms | 8 | ⁶ Qc |
| Al: Accreditations & Locations | 9 | ⁷ Gl |
| Sc: Sample Chain of Custody | 10 | ⁸ Al |
| | | ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1795462-01 WW

| Collected by | Collected date/time | Received date/time |
|-------------------------|---------------------|--------------------|
| Jacob Aguilar-Lowery | 11/04/24 13:36 | 11/04/24 15:42 |

| | |
|---------------------|--------------------|
| Collected date/time | Received date/time |
| 11/04/24 13:36 | 11/04/24 15:42 |

Received date/time
11/04/24 15:42

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2395600 | 1 | 11/05/24 10:35 | 11/05/24 14:57 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2395584 | 1 | 11/05/24 14:37 | 11/10/24 12:36 | JBS | Allen, TX |

 ${}^1\text{Cp}$ ${}^2\text{Tc}$

³Ss

$$^4\text{Cn}$$
 ${}^5\text{Sr}$
$${}^6\text{Qc}$$
 ${}^7\text{Gf}$ ${}^8\text{Al}$ ${}^9\text{Sc}$

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

| | Result | Units |
|-----------------------|--------|-------|
| Analyte | | |
| Sampler Affiliation | Pace | |
| pH (On Site) | 8.76 | su |
| Temperature (on-site) | 24 | Deg C |

¹Cp

²Tc

³Ss

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|---------------------------|
| Suspended Solids | 44.0 | | 25.0 | 1 | 11/05/2024 14:57 | WG2395600 |

⁴Cn

⁵Sr

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|---------------------------|
| BOD | 18.4 | | 6.00 | 1 | 11/10/2024 12:36 | WG2395584 |

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4142663-1 11/05/24 14:57

| | MB Result | <u>MB Qualifier</u> | MB MDL | MB RDL |
|------------------|-----------|---------------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| Suspended Solids | U | | 2.50 | 2.50 |

Laboratory Control Sample (LCS)

(LCS) R4142663-2 11/05/24 14:57

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | <u>LCS Qualifier</u> |
|------------------|--------------|------------|----------|-------------|----------------------|
| Analyte | mg/l | mg/l | % | % | |
| Suspended Solids | 854 | 849 | 99.4 | 85.0-115 | |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4144349-1 11/10/24 12:26

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|---------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| BOD | U | | 0.200 | 0.200 |

L1795469-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1795469-01 11/10/24 12:40 • (DUP) R4144349-3 11/10/24 13:15

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|---------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| BOD | 302 | 308 | 1 | 1.96 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R4144349-2 11/10/24 12:32

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|---------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| BOD | 198 | 206 | 104 | 85-115 | |

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

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Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
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| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

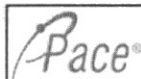

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

| | | | | | | | | | | | | | | | | |
|---|--|--|-------------|---|--|--|--|---------|--------------------------------|--|----------|--|--|--|----------------|--|
|  Pace® Location Requested (City/State): | | CHAIN-OF-CUSTODY Analytical Request Document Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields | | | | LAB USE ONLY - Affix Workorder/Login Label Here  Scan QR Code for instructions | | | | | | | | | | |
| Company Name: Mildred ISD Street Address: 475 US-287 Corsicana TX 75109 | | Contact/Report To: Phone #: E-Mail: Cc E-Mail: | | Invoice To: Invoice E-Mail: Purchase Order # (if applicable): Quote #: | | Specify Container Size ** 1 | | | | | | | | | | |
| Customer Project #: Project Name: | | Site Collection Info/Facility ID (as applicable): Monthly Effluent | | Time Zone Collected: [] AK [] PT [] MT [X] CT [] ET County / State origin of sample(s): | | Identify Container Preservative Type*** 1 | | | | | | | | | | |
| Data Deliverables: [] Level II [] Level III [] Level IV [] EQUIS [] Other | | Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No Rush (Pre-approval required): [] Same Day [] 1 Day [] 2 Day [] 3 Day [] Other Date Results Requested: | | DW PWSID # or WW Permit # as applicable: Field Filtered (if applicable): [] Yes [] No Analysis: | | Analysis Requested | | | | | | | | | | |
| * Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT) | | | | | | Proj. Mgr: AcctNum / Client ID: Table #: Profile / Template: T197065 Prelog / Bottle Ord. ID: | | | | | | | | | | |
| Customer Sample ID | | Matrix * | Comp / Grab | Composite Start Date Time | | Collected or Composite End Date Time | | # Cont. | Res. Chlorine Results Units | | BOD, TSS | | PH (Onsite) = 6.46 Temp (Onsite) = 24°C | | Sample Comment | |
| Effluent | | WW | G | n/a n/a | | 11-4-24 1336 | | 2 | | | X | | X X | | L179546201 | |
| Additional Instructions from Pace®: | | Collected By: (Printed Name) Signature: Jacob Aguirre-Lowery | | Customer Remarks / Special Conditions / Possible Hazards: # Coolers: 1 Thermometer ID: IR-19 Correction Factor (°C): -0.2 Obs. Temp. (°C): 6.1 Corrected Temp. (°C): 5.9 On Ice: [X] ✓ | | | | | | | | | | | | |
| Relinquished by/Company: (Signature) Date/Time: 11/4/24 15:42 | | Received by/Company: (Signature) Date/Time: 11/4/24 15:42 | | Tracking Number: | | | | | | | | | | | | |
| Relinquished by/Company: (Signature) | | Received by/Company: (Signature) | | Delivered by: [] In-Person [X] Courier | | | | | | | | | | | | |
| Relinquished by/Company: (Signature) | | Received by/Company: (Signature) | | [] FedEx [] UPS [] Other | | | | | | | | | | | | |
| Relinquished by/Company: (Signature) | | Received by/Company: (Signature) | | Page: of | | | | | | | | | | | | |



DC#_Title: ENV-FRM-ALLE-0017 v15_Sample Condition Upon Receipt

Effective Date: 12/18/2023

Sample Condition Upon Receipt

☐ Dallas☐ Ft Worth☐ Corpus Christi☐ AustinClient Name: Mildred ISD Project Work order (place label):Courier: FedEX ☐ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☐ Other: _____

Tracking #: _____

Custody Seal on Cooler/Box: Yes ☐ No ☐Received on ice: Wet ☒ Blue ☐ No ice ☐Receiving Lab 1 Thermometer Used: 1219 Cooler Temp °C: 6.1 (Recorded) 0.2 (Correction Factor) 5.9 (Actual)

Receiving Lab 2 Thermometer Used: _____ Cooler Temp °C: _____ (Recorded) _____ (Correction Factor) _____ (Actual)

| | |
|---------------------------------|---|
| Chain of Custody relinquished | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sampler name & signature on COC | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Short HT analyses (<72 hrs) | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable.

Triage Person: OC Date: 11/5

| | |
|---|---|
| Sufficient Volume received | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Correct Container used | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Container Intact | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Sample pH Acceptable pH Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Residual Chlorine Present Cl Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Sulfide Present Lead Acetate Strips: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Unpreserved 5035A soil frozen within 48 hrs | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Headspace in VOA (>6mm) | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Project sampled in USDA Regulated Area outside of Texas State Sampled: _____ | Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input checked="" type="checkbox"/> |
| Non-Conformance(s): _____ | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |

Login Person: OC Date: 11/5

Labeling Person (if different than log-in): _____ Date: _____

December 09, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Mildred ISD

Sample Delivery Group: L1804868
Samples Received: 12/02/2024
Project Number:
Description: Monthly Effluent

Report To: Brandy Emerson
5475 S. Hwy 287
Corsicana, TX 75109

Entire Report Reviewed By:



Justin Carr
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas

400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 mydata.pacelabs.com

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| |
|-----------------|
| ¹ Cp |
| ² Tc |
| ³ Ss |
| ⁴ Cn |
| ⁵ Sr |
| ⁶ Qc |
| ⁷ Gl |
| ⁸ Al |
| ⁹ Sc |

SAMPLE SUMMARY

EFFLUENT L1804868-01 WW

Collected by
Willie Roschetzky

| | |
|---------------------|--------------------|
| Collected date/time | Received date/time |
| 12/02/24 12:15 | 12/02/24 14:16 |

| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
|--------------------------------------|-----------|----------|-----------------------|--------------------|---------|-----------|
| Gravimetric Analysis by Method 2540D | WG2412386 | 1 | 12/04/24 04:11 | 12/04/24 10:53 | QQT | Allen, TX |
| Wet Chemistry by Method 5210 B-2016 | WG2411757 | 1 | 12/03/24 15:01 | 12/08/24 09:50 | SKW | Allen, TX |

 ^1Cp ^{99m}Tc 3S_1 ${}^4\text{Cn}$ ^{87}Sr ${}^6\text{Qc}$ ⁷Gl ${}^8\text{Al}$ ⁹Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Justin Carr
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Additional Information - Results for field analyses are not accredited to ISO 17025

| | Result | Units |
|-----------------------|--------|-------|
| Analyte | | |
| Sampler Affiliation | Pace | |
| pH (On Site) | 8.66 | su |
| Temperature (on-site) | 16 | Deg C |

1
Cp

2
Tc

3
Ss

Gravimetric Analysis by Method 2540D

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|------------------|--------|-----------|------|----------|----------------------|---------------------------|
| Suspended Solids | 18.5 | | 12.5 | 1 | 12/04/2024 10:53 | WG2412386 |

4
Cn

5
Sr

Wet Chemistry by Method 5210 B-2016

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------|--------|-----------|------|----------|----------------------|---------------------------|
| BOD | 15.0 | | 5.00 | 1 | 12/08/2024 09:50 | WG2411757 |

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4153919-1 12/04/24 10:53

| | MB Result | MB Qualifier | MB MDL | MB RDL |
|------------------|-----------|--------------|--------|--------|
| Analyte | mg/l | | mg/l | mg/l |
| Suspended Solids | U | | 2.50 | 2.50 |

L1804857-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1804857-01 12/04/24 10:53 • (DUP) R4153919-3 12/04/24 10:53

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 58.0 | 58.0 | 1 | 0.000 | | 10 |

L1805119-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1805119-01 12/04/24 10:53 • (DUP) R4153919-4 12/04/24 10:53

| | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|------------------|-----------------|------------|----------|---------|---------------|----------------|
| Analyte | mg/l | mg/l | | % | | % |
| Suspended Solids | 887 | 907 | 1 | 2.23 | | 10 |

Laboratory Control Sample (LCS)

(LCS) R4153919-2 12/04/24 10:53

| | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|------------------|--------------|------------|----------|-------------|---------------|
| Analyte | mg/l | mg/l | % | % | |
| Suspended Solids | 854 | 845 | 98.9 | 85.0-115 | |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4155171-1 12/08/24 09:36

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|---------|-------------------|--------------|----------------|----------------|
| BOD | U | | 0.200 | 0.200 |

L1804860-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1804860-01 12/08/24 09:46 • (DUP) R4155171-3 12/08/24 10:13

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|---------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| BOD | 155 | 182 | 1 | 16 | | 20 |

Laboratory Control Sample (LCS)

(LCS) R4155171-2 12/08/24 09:42

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|---------|----------------------|--------------------|---------------|------------------|---------------|
| BOD | 198 | 212 | 107 | 85-115 | |

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCREDITATIONS & LOCATIONS

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

| | | | |
|-----------|---------|----------|------------------|
| Arkansas | 88-0647 | Kansas | E10388 |
| Florida | E871118 | Texas | T104704232-23-39 |
| Iowa | 408 | Oklahoma | 8727 |
| Louisiana | 30686 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

