WQ000301700

7-1-0300

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DANNY EDGAR DOUGLAS LTE
464 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455-9111

PILGRIMS PRIDE CORPORATION
1770 PROMONTORY CIRCLE
GREELEY CO 80634

MENDOZA JOSE & GABRIELA
559 CR 1314
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VILLARREAL C&M FAMILY LTD
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PMCI PROPERTIES II LP
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408 REDBUD LN
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Permit Application Routing and Summary Sheet

This sheet must be filed on the left side of the permit file until the application is issued, denied or withdrawn. After which it is moved to the right side of the permit file. If the application is denied or withdrawn, the file must be remanded back to the Application Review and Processing Team.

Applicant Name	Pilgrim's Pride Corporation		
Plant Name	Pilgrim's Pride Southwest WWTP		
TCEQ Permit #	WQ0003017000	EPA ID #	TX0062936
TCEQ Region	5	Segment No. 404	Receiving Water Tankersley Creek
CN601276660	RN102184041	County	Titus

Facility Active?	Yes
Within Coastal Zone?	No (If yes, check notice rqmts for new & maj amend)
Above Threshold?	No
EPA Classification	Major
Authorization Type	Industrial Wastewater
Discharge Type	TPDES
Application Type	Major Amendment with Renewal

Task	Due Date	Actual Date
Application Received		5/1/2023
Initial Review	5/11/2023	6/2/2023
NOD Required	Yes	6/6/2023
Admin Complete	6/9/2023	8/1/2023
WQA Complete	7/10/2023	
Draft Complete	8/24/2023	
Tech Complete	9/3/2023	
Draft Mailed	9/6/2023	
File with CCO	9/23/2023	

Initial PTT Deadline
9/23/2023

Reviewer Name
Rachel Ximenez

See below
Need updated SPIF

Standards Reviewer	M.A. WALLACE
Peer Reviewer	
Crit. Cond. Reviewer	Brian Christensen
Modeling Reviewer	
Biomon Reviewer	
Groundwater Reviewer	
Soils Reviewer	

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Initial PTT Deadline
9/23/2023

Reviewer Name
Rachel Ximenez
See below

Standards Reviewer	
Peer Reviewer	
Crit. Cond. Reviewer	
Modeling Reviewer	J. Robertson
Biomon Reviewer	
Groundwater Reviewer	
Soils Reviewer	

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

RETURN SERVICE REQUESTED

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

Mr. Raphael Boyd, Complex Manager
Pilgrim's Pride Corporation
1770 Promontory Circle
Greeley, Colorado 80634

Re: Pilgrim's Pride Corporation, TPDES Permit No. WQ0003017000
(CN601276660; RN102184041)

Dear Mr. Boyd:

Enclosed is a copy of the above referenced water quality permit issued on behalf of the Executive Director pursuant to Chapter 26 of the Texas Water Code.

Self-reporting or Discharge Monitoring Forms and instructions will be forwarded to you from the Water Quality Management Information Systems Team so that you may comply with monitoring requirements. For existing facilities, revised forms will be forwarded if monitoring requirements have changed.

Enclosed is a "Notification of Completion of Wastewater Treatment Facilities" form. Use this form (if needed) when the facility begins to operate or goes into a new phase. The form notifies the agency when the proposed facility is completed or when it is placed in operation. This notification complies with the special provision incorporated into the permit, as applicable.

Should you have any questions, please contact Mr. Ruiqiang Zong of the Texas Commission on Environmental Quality's (TCEQ) Wastewater Permitting Section at (512) 239-4671 or if by correspondence, include (MC-148) in the letterhead address below.

Sincerely,

Robert Sadlier, Deputy Director
Water Quality Division

RS/RZ/af

cc: Mr. Tyson Clark, Complex Environmental Manager, Pilgrim's Pride Corporation
P.O. Box 1268, Mount Pleasant, Texas 75456
Mr. Jacob Cochran, Project Engineer, Woodruff & Howe Environmental Engineers, Inc.
4405 Canton Highway, Cumming, Georgia 30040

TPDES PERMIT NO.
WQ0003017000
[For TCEQ office use only -
EPA I.D. No. TX0062936]

This major amendment replaces TPDES Permit No. WQ0003017000, issued on November 19, 2018.

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

PERMIT TO DISCHARGE WASTES
under provisions of
Section 402 of the Clean Water Act,
Chapter 26 of the Texas Water Code,
and 40 CFR Part 432

Pilgrim's Pride Corporation

whose mailing address is

1770 Promontory Circle
Greeley, Colorado 80634

is authorized to treat and discharge wastes from Pilgrim's Pride Southwest Wastewater Plant (SIC 2015)

located at 664 Farm-to-Market Road 127 West, near the City of Mount Pleasant, in Titus County, Texas 75455

to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin in Segment No. 0404 of the Cypress Creek Basin

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

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

ISSUED DATE:

For the Commission

1. During the period beginning upon the date of permit issuance and lasting through the date of permit expiration, the permittee is authorized to discharge treated process wastewater [1], utility wastewater [1], and treated domestic wastewater subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 3.5 million gallons per day (MGD). The daily maximum flow shall not exceed 5.0 MGD.

Effluent Characteristics	Discharge Limitations					Minimum Self-Monitoring Requirements	
	Daily Average		Daily Maximum		Single Grab	Report Daily Average and Daily Maximum	
	lbs/day	mg/L	lbs/day	mg/L	mg/L	Measurement Frequency	Sample Type
Flow	3.5 MGD		5.0 MGD		N/A	Continuous	Record
Carbonaceous Biochemical Oxygen Demand (5-day)	146	5	292	10	15	3/week	Composite
Total Suspended Solids	376	15	751	30	45	3/week	Composite
Biochemical Oxygen Demand (5-day)	454	16	738	26	48	3/week	Composite
Ammonia (as N)							
April – October	29	1	58	2	5	3/week	Composite
November - March	113	4	170	6	12	1/week	Composite
Total Nitrogen	2,922	103	4,171	147	309	2/week	Composite
Chloride	Report	Report	Report	Report	N/A	1/week	Composite
Sulfate	9,113	312	19,306	661	936	1/week	Composite
Total Dissolved Solids	Report	Report	Report	Report	N/A	1/week	Composite
Conductivity	Report, mmhos/cm		Report, mmhos/cm		N/A	1/week	Grab
Oil and Grease [2]	227	8	376	14	14	3/week	Grab
Total Residual Chlorine [3]	N/A	N/A	N/A	1.0 (min)	1.0	1/day	Grab
Total Residual Chlorine [3]	N/A	N/A	N/A	0.1 (max)	0.1	1/day	Grab
Total Phosphorus	144.89	Report	Report	Report	N/A	1/week	Composite
Total Phosphorus – Monthly [4]	N/A	N/A	Report, lbs/month		N/A	1/month	Calculation
Total Phosphorus – Annual [5]	N/A	N/A	44,100 lbs/year		N/A	1/month	Summation
E. coli	126 [6]		394 [6]		394 [6]	3/week	Grab
Fecal Coliform	N/A		200 [6]		200 [6]	1/month	Grab
Chromium, Hexavalent	N/A	Report	N/A	Report	N/A	1/month	Grab

Effluent Characteristics	Discharge Limitations					Minimum Self-Monitoring Requirements	
	Daily Average		Daily Maximum		Single Grab	Report Daily Average and Daily Maximum	
	lbs/day	mg/L	lbs/day	mg/L	mg/L	Measurement Frequency	Sample Type
Copper, Total	N/A	Report	N/A	Report	N/A	1/month	Grab
Lead, Total	N/A	Report	N/A	Report	N/A	1/month	Grab
Zinc, Total	N/A	0.150	N/A	0.317	0.317	1/month	Grab
Mercury, Total	N/A	Report	N/A	Report	N/A	1/month	Grab
Lethal Whole Effluent Toxicity (WET) limit 94% (Parameter 51710) [7]							
Ceriodaphnia dubia							
(7-day chronic NOEC [9])	98%		98%		N/A	1/quarter	Composite
Lethal Whole Effluent Toxicity (WET) 94% (Parameter 51714) [7]							
Pimephales promelas							
(7-day chronic NOEC [9])	98%		98%		N/A	1/quarter	Composite
Sublethal Whole Effluent Toxicity (WET) limit 80% (Parameter 51710) [8]							
Ceriodaphnia dubia							
(7-day chronic NOEC [9])	80%		80%		N/A	1/quarter	Composite

[1] See Other Requirement No. 13.
[2]Total recoverable oil and grease measured as n-hexane extractable material.
[3]The effluent must contain a chlorine residual of at least 1.0 mg/L after a detention time of at least 20 minutes (based on peak flow) and must be monitored 1/day by grab sample prior to dechlorination. The permittee shall dechlorinate the chlorinated effluent to less than 0.1 mg/L chlorine residual. An equivalent method of disinfection may be substituted only with prior approval from the Executive Director of the TCEQ.
[4]Total lbs of total phosphorus discharged during the calendar month (lbs/month).
[5]Total lbs of total phosphorus discharged during the previous twelve months (annual rolling mass limit).
[6]Colony Forming Units (CFU)/100 mL or most probable number (MPN)/100 mL.
[7]The lethal WET limit No Observed Effect Concentration (NOEC) of not less than 98% is effective at the permit issue date.
[8]The sublethal WET limit NOEC of not less than 80% is effective at the permit issue date.
[9]The NOEC is defined as the greatest effluent dilution at which no significant effect is demonstrated. A significant effect is defined as a statistically significant difference between a specified effluent dilution and the control for lethal or sublethal effects, whichever is specified.

2. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/day by grab sample.

3. The effluent shall contain a minimum dissolved oxygen level of at least 6.0 mg/L and shall be monitored 3/week by grab sample.

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

5. Effluent monitoring samples shall be taken at the following location: At Outfall 001 (N 33° 08' 21.4" / W 94° 59' 51"), following the final treatment unit and prior to discharging to Tankersley Creek.

DEFINITIONS AND STANDARD PERMIT CONDITIONS

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

1. Flow Measurements

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

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

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

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

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

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

2. Concentration Measurements

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

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

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

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

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

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

mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the sampling day.

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

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

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

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

3. Sample Type

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

   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 or disposal of domestic sewage, industrial wastes, agricultural wastes, recreational wastes, or other wastes including sludge handling or disposal facilities under the jurisdiction of the Commission.

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

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

MONITORING AND REPORTING REQUIREMENTS

1. Self-Reporting

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

As provided by state law, the permittee is subject to administrative, civil and criminal penalties, as applicable, for negligently or knowingly violating the Clean Water Act; TWC Chapters 26, 27, and 28; and THSC 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 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 use and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503), monitoring and reporting records, including strip charts and records of calibration and maintenance, copies of all records required by this permit, records of all data used to complete the application for this permit, and the certification required by 40 CFR §264.73(b)(9) shall be retained at the facility site, or shall be readily available for review by a TCEQ representative for a period of three years from the date of the record or sample, measurement, report, application or certification. This period shall be extended at the request of the Executive Director.

   c. Records of monitoring activities shall include the following:

      i. date, time, and place of sample or measurement;
      ii. identity of individual who collected the sample or made the measurement;
      iii. date and time of analysis;
      iv. identity of the individual and laboratory who performed the analysis;
      v. the technique or method of analysis; and
      vi. the results of the analysis or measurement and quality assurance/quality control records.

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

4. Additional Monitoring by Permittee

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

5. Calibration of Instruments

   All automatic flow measuring or recording devices and all totalizing meters for measuring flows shall be accurately calibrated by a trained person at plant start-up and as often thereafter as necessary to ensure accuracy, but not less often than annually unless authorized by the Executive Director for a longer period. Such person shall verify in writing that the device is operating properly and giving accurate results. Copies of the verification shall be retained at the facility site 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 that may endanger human health or safety, or the environment shall be reported by the permittee to the TCEQ. Report of such information shall be provided orally or by facsimile transmission (FAX) to the regional office within 24 hours of becoming aware of the noncompliance. A written submission of such information shall also be provided by the permittee to the regional office and the Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. For Publicly Owned Treatment Works (POTWs), effective September 1, 2020, the permittee must submit the written report for unauthorized discharges and unanticipated bypasses that exceed any effluent limit in the permit using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.

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

i. unauthorized discharges as defined in Permit Condition 2(g).
ii. any unanticipated bypass that exceeds any effluent limitation in the permit.
iii. violation of a permitted maximum daily discharge limitation for pollutants listed specifically in the Other Requirements section of an Industrial TPDES permit.

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

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

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

9. Changes in Discharges of Toxic Substances

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

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

i. five hundred micrograms per liter (500 µg/L);
ii. one milligram per liter (1 mg/L) for antimony;
iii. ten (10) times the maximum concentration value reported for that pollutant in the permit application; or
iv. the level established by the TCEQ.

10. Signatories to Reports

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

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

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

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

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

i. the quality and quantity of effluent introduced into the POTW; and
ii. any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

PERMIT CONDITIONS

1. General

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

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

i. violation of any terms or conditions of this permit;
ii. obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
iii. a change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

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

2. Compliance

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

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

revocation, or suspension, or for denial of a permit renewal application or an application for a permit for another facility.

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

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

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

f. A permit may be amended, suspended and reissued, or revoked for cause in accordance with 30 TAC §§305.62 and 305.66 and TWC §7.302. The filing of a request by the permittee for a permit amendment, suspension and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

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

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

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

3. Inspections and Entry

a. Inspection and entry shall be allowed as prescribed in the TWC Chapters 26, 27, and 28, and THSC 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 TWC §7.002. The statement above, that Commission entry shall occur in accordance with an establishment's rules and regulations concerning safety, internal security, and fire protection, is not grounds for denial or restriction of entry to any part of the facility, but merely describes the Commission's duty to observe appropriate rules and regulations during an inspection.

4. Permit Amendment or Renewal

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

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

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

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

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

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

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

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

   f. If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under CWA §307(a) for a toxic pollutant that is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition. The permittee shall comply with effluent standards or prohibitions established under CWA §307(a) for toxic pollutants within the time provided in the regulations that established those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

5. Permit Transfer

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

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

6. Relationship to Hazardous Waste Activities

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

7. Relationship to Water Rights

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

8. Property Rights

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

9. Permit Enforceability

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

10. Relationship to Permit Application

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

11. Notice of Bankruptcy.

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

       i. the permittee;
       ii. an entity (as that term is defined in 11 USC, §101(15)) 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 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 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, or retention of inadequately treated wastewater.

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

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

7. Documentation

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

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

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

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

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

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

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

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

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

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

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

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

d. Construction of any industrial solid waste management unit requires the prior written notification of the proposed activity to the Registration and Reporting Section (MC 129) of the Permitting and 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.

12. 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 THSC Code Chapter 361.

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OTHER REQUIREMENTS

1. Violations of daily maximum limitations for the following pollutants shall be reported orally or by facsimile to TCEQ Region 5 within 24 hours from the time the permittee becomes aware of the violation, followed by a written report within five working days to TCEQ Region 5 and the Enforcement Division (MC 224):

METALS	
Pollutant	**MAL* (mg/L)**
Zinc (Total)	0.005

*Minimum Analytical Level

Test methods utilized shall be sensitive enough to demonstrate compliance with the permit effluent limitations. Permit compliance/noncompliance determinations will be based on the effluent limitations contained in this permit, with consideration given to the MAL for the parameters specified above.

METALS	
Pollutant	**MAL (mg/L)**
Chromium (Hexavalent)	0.003
Copper (Total)	0.002
Lead (Total)	0.0005
Mercury (Total)	0.000005

When an analysis of an effluent sample for any of the parameters listed above indicates no detectable levels above the MAL and the test method detection level is as sensitive as the specified MAL, a value of zero (0) shall be used for that measurement when making calculations for the self-reporting form. This applies to determinations of daily maximum concentration, calculations of loading and daily averages, and other reportable results.

When a reported value is zero (0) based on this MAL provision, the permittee shall submit the following statement with the self-reporting form either as a separate attachment to the form or as a statement in the comments section of the form:

> "The reported value(s) of zero (0) for [list parameter(s)] on the self-reporting form for [monitoring period date range] is based on the following conditions: 1) the analytical method used had a method detection level as sensitive as the MAL specified in the permit, and 2) the analytical results contained no detectable levels above the specified MAL."

When an analysis of an effluent sample for a parameter indicates no detectable levels and the test method detection level is not as sensitive as the MAL specified in the permit, or an MAL is not specified in the permit for that parameter, the level of detection achieved shall be used for that measurement when making calculations for the self-reporting form. A zero (0) may not be used.

2. A plant operator holding a valid Class B certificate of competency or higher, issued pursuant to 30 TAC Chapter 30, shall be on-site at the Southwest Plant whenever wastewater from the poultry processing plant is received. The certified operator shall conduct a daily visual inspection of the treatment facility. Records of these inspections shall be maintained on a weekly basis and be available at the plant site for inspection by authorized representatives of the TCEQ for a minimum period of three years.

3. The permittee shall maintain at all times a minimum of 24-inches of freeboard in the sludge lagoon.

4. The permittee shall maintain a measuring device in the sludge lagoon. The permittee shall monitor and record the level of the sludge lagoon daily, beginning upon date of issuance of the permit and continuing for at least one year after date of issuance. The records shall be maintained weekly and be available to at the plant site for at least three years for inspection by authorized representatives of the TCEQ.

5. Chronic toxic criteria apply at the edge of the mixing zone. The mixing zone is defined as 300 feet downstream and 100 feet upstream from the point where the discharge reaches Tankersley Creek.

6. A wastewater treatment plant unit may not be located within the 100-year floodplain unless the plant is protected from inundation and damage that may occur during such flood event.

7. The discharge shall not contain feathers, hair, stringers, animal parts, or paunch manure in the effluent.

8. Best Management Practices (BMPs):

   A. An operation and maintenance manual shall be available at the facility, and shall cover the recommended routine operation procedures and maintenance practices for the entire wastewater treatment facility. In addition, to covering routine operation procedures and maintenance practices, the manual shall include, but is not limited to the following:

      i. Procedures which will maximize wastewater treatment in a way which optimizes effluent quality.
      ii. Recommendations for specific operational adjustments to wastewater processing which would be necessary as a result of significant changes in production or influent wastewater loading.
      iii. Operation or maintenance procedures which account for stormwater contributions that may affect the wastewater treatment facility or may affect on-site solid waste management.
      iv. Operations procedures for the on-site management of residuals or solid waste generated from wastewater treatment, which will prevent the creation of nuisances and ensure that unintentional releases do not occur which could pose adverse impacts to surface water or could cause contamination of soil or groundwater resources.
      v. Procedures which will prevent the creation of nuisances to the greatest extent practicable from wastewater treatment units while being operated, undergoing maintenance, or while out of service.

   B. The permittee shall operate and maintain the wastewater treatment facility according to the operation procedures and maintenance practices manual.

9. Nutrients from the permittee discharge via Outfall 001 or other controllable sources shall not cause excessive growth of aquatic vegetation which impairs an existing, attainable, or designated use.

10. The sludge from the treatment process shall be digested, dewatered and disposed of in accordance with all the applicable rules of the TCEQ. The permittee shall ensure that the disposal of sludge does not cause any contamination of the ground or surface waters in the state. The permittee shall keep records of all sludge removed from the wastewater treatment plant site. Such records will include the following information:

A. Volume of sludge disposed
B. Date of disposal
C. Identity of hauler
D. Location of disposal site
E. Method of final disposal

The above records shall be maintained on a monthly basis and be available at the plant site for inspection by authorized representatives of the TCEQ for at least three (3) years.

11. The annual maximum load of total phosphorus discharged via Outfall 001 shall not exceed 44,100 lbs/year. This limit is consistent with the required phosphorus load reductions identified in the TCEQ document *Implementation Plan for One Total Maximum Daily Loads for Dissolved Oxygen in Lake O' the Pines Segment 0403*, approved July 9, 2009 (I-Plan) to ensure compliance with the TMDL for Dissolved Oxygen in Lake O' the Pines Segment No. 0403.

Annual maximum load is defined as the total of all total phosphorus determinations taken within a period of 12 consecutive preceding months. It is calculated by adding the individual measurements together and taken during the previous 365 day period. The first load is calculated based on the number of measurements taken during the first month the permit goes into effect. The second reported load is calculated based on the number of measurements taken during the first and second month the permit is in effect. This calculation procedure will continue for a total of 12 months. When the permittee has a total of 13 months of data, then the first month of data will be dropped from the calculation and the 13th month of data will be included. This procedure will be followed for the life of the permit.

12. POND REQUIREMENTS

A wastewater pond must comply with the following requirements. A wastewater pond (or lagoon) is an earthen structure used to evaporate, hold, store, or treat water that contains a *waste* or *pollutant* or that would cause *pollution* upon *discharge* as those terms are defined in Texas Water Code § 26.001, but does not include a pond that contains only stormwater.

A. A wastewater pond **subject to 40 CFR Part 257, Subpart D** (related to coal combustion residuals) must comply with those requirements in lieu of the requirements in B through G of POND REQUIREMENTS.

B. An **existing** wastewater pond must be maintained to meet or exceed the original approved design and liner requirements; or, in the absence of original approved requirements, must be maintained to prevent unauthorized discharges of wastewater into or adjacent to water in the state. The permittee shall maintain copies of all liner construction and testing documents at the facility or in a reasonably accessible location and make the information available to the executive director upon request.

C. A **new** wastewater pond constructed after the issuance date of this permit must be lined in compliance with one of the following requirements if it will contain process wastewater as defined in 40 CFR § 122.2. The executive director will review ponds that will contain only non-process wastewater on a case-by-case basis to determine whether the pond must be lined. If a pond will contain only non-process wastewater, the owner shall notify the Industrial Permits Team (MC 148) to obtain a written determination at least 90 days before the pond is placed into service and copy the TCEQ Compliance Monitoring Team (MC 224) and regional office. The permittee must submit all information about the proposed pond contents that is reasonably necessary for the executive director to make a determination. If the executive director determines that a pond does not need to be lined, then the pond is exempt from C(1) through C(3) and D through G of POND REQUIREMENTS.

A wastewater pond that only contains domestic wastewater must comply with the design requirements in 30 TAC Chapter 217 and 30 TAC § 309.13(d) in lieu of items C(1) through C(3) of this subparagraph.

(1) Soil liner: The soil liner must contain clay-rich soil material (at least 30% of the liner material passing through a #200 mesh sieve, liquid limit greater than or equal to 30, and plasticity index greater than or equal to 15) that completely covers the sides and bottom of the pond. The liner must be at least 3.0 feet thick. The liner material must be compacted in lifts of no more than 8 inches to 95% standard proctor density at the optimum moisture content in accordance with ASTM D698 to achieve a permeability less than or equal to 1×10^{-7} (≤ 0.0000001) cm/sec. For in-situ soil material that meets the permeability requirement, the material must be scarified at least 8 inches deep and then re-compacted to finished grade.

(2) Synthetic membrane: The liner must be a synthetic membrane liner at least 40 mils in thickness that completely covers the sides and the bottom of the pond. The liner material used must be compatible with the wastewater and be resistant to degradation (e.g., from ultraviolet light, chemical reactions, wave action, erosion, etc.). The liner material must be installed and maintained in accordance with the manufacturer's guidelines. A wastewater pond with a synthetic membrane liner must include an underdrain with a leak detection and collection system.

(3) Alternate liner: The permittee shall submit plans signed and sealed by a Texas-licensed professional engineer for any other equivalently protective pond lining method to the TCEQ Industrial Permits Team (MC 148) and copy the regional office.

D. For a pond that must be lined according to subparagraph C (including ponds with in-situ soil liners), the permittee shall provide certification, signed and sealed by a Texas-licensed professional engineer, stating that the completed pond lining and any required underdrain with leak detection and collection system for the pond meet the requirements in subparagraph C(1) – C(3) before using the pond. The certification shall include the following minimum details about the pond lining system: (1) pond liner type (in-situ soil, amended in-situ soil, imported soil, synthetic membrane, or alternative), (2) materials used, (3) thickness of materials, and (4) either permeability test results or a leak detection and collection system description, as applicable.

The certification must be provided to the TCEQ Water Quality Assessment Team (MC 150), Industrial Permits Team (MC 148), and regional office. A copy of the liner certification and construction details (i.e., as-built drawings, construction QA/QC documentation, and post construction testing) must be kept on-site or in a reasonably accessible location (in either hardcopy or digital format) until the pond is closed.

E. Protection and maintenance requirements for a pond subject to subparagraph B or C (including ponds with in-situ soil liners).

(1) The permittee shall maintain a liner to prevent the unauthorized discharge of wastewater into or adjacent to water in the state.

(2) A liner must be protected from damage caused by animals. Fences or other protective devices or measures may be used to satisfy this requirement.

(3) The permittee shall maintain the structural integrity of the liner and shall keep the liner and embankment free of woody vegetation, animal burrows, and excessive erosion.

(4) The permittee shall inspect each pond liner and each leak detection system at least once per month. Evidence of damage or unauthorized discharge must be evaluated by a Texas-licensed professional engineer or Texas-licensed professional geoscientist within 30 days. The permittee is not required to drain an operating pond or to inspect below the waterline during these routine inspections.

a. A Texas-licensed professional engineer or Texas-licensed professional geoscientist must evaluate damage to a pond liner, including evidence of an unauthorized discharge without visible damage.

b. Pond liner damage must be repaired at the recommendation of a Texas-licensed professional engineer or Texas-licensed professional geoscientist. If the damage is significant or could result in an unauthorized discharge, then the repair must be documented and certified by a Texas-licensed professional engineer. Within 60 days after a repair is completed, the liner certification must be provided to the TCEQ Water Quality Assessments Team (MC 150) and regional office. A copy of the liner certification must be maintained at the facility or in a reasonably accessible location and made available to the executive director upon request.

c. A release determination and subsequent corrective action will be based on 40 CFR Part 257 or the Texas Risk Reduction Program (30 TAC Chapter 350), as applicable. If evidence indicates that an unauthorized discharge occurred, including evidence that the actual permeability exceeds the design permeability, the matter may also be referred to the TCEQ Enforcement Division to ensure the protection of the public and the environment.

F. For a pond subject to subparagraph B or C (including ponds with in-situ soil liners), the permittee shall have a Texas-licensed professional engineer perform an evaluation of each pond that requires a liner at least once every five years. The evaluation must include: (1) a physical inspection of the pond liner to check for structural integrity, damage, and evidence of leaking; (2) a review of the liner documentation for the pond; and (3) a review of all documentation related to liner repair and maintenance performed since the last evaluation. For the purposes of this evaluation, evidence of leaking also includes evidence that the actual permeability exceeds the design permeability. The permittee is not required to drain an operating pond or to inspect below the waterline during the evaluation. A copy of the engineer's evaluation report must be maintained at the facility or in a reasonably accessible location and made available to the executive director upon request.

G. For a pond subject to subparagraph B or C (including ponds with in-situ soil liners), the permittee shall maintain at least 2.0 feet of freeboard in the pond except when:

(1) the freeboard requirement temporarily cannot be maintained due to a large storm event that requires the additional retention capacity to be used for a limited period of time;

(2) the freeboard requirement temporarily cannot be maintained due to upset plant conditions that require the additional retention capacity to be used for treatment for a limited period of time; or

(3) the pond was not required to have at least 2.0 feet of freeboard according to the requirements at the time of construction.

13. Definitions

A. Process wastewater means any water which, during manufacturing or processing, comes into

direct contact with or results from the production or use of any raw material, intermediate product, finished product, by-product, or waste product.

B. Utility wastewater includes, but is not limited to, non-contact cooling water, cooling tower blowdown, boiler blowdown, steam condensate, air conditioning condensate, and refrigeration condensate.

14. The permittee shall provide written notification to the TCEQ Industrial Permits Team (MC 148) and Region 5 Office of any changes in the method by which the facility obtains water for cooling purposes. This notification must be submitted 30 days prior to any such change and must include a description of the planned changes. The TCEQ may, upon review of the notification, reopen the permit to include additional terms and conditions as necessary.

CHRONIC BIOMONITORING REQUIREMENTS: FRESHWATER

The provisions of this section apply to Outfall 001 for whole effluent toxicity (WET) testing.

1. Scope, Frequency, and Methodology

a. The permittee shall test the effluent for toxicity in accordance with the provisions below. Such testing will determine if an appropriately dilute effluent sample adversely affects the survival, reproduction, or growth of the test organisms.

b. The permittee shall conduct the following toxicity tests using the test organisms, procedures, and quality assurance requirements specified in this part of this permit and in accordance with "Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms," fourth edition (EPA-821-R-02-013) or its most recent update:

1) Chronic static renewal survival and reproduction test using the water flea (*Ceriodaphnia dubia*) (Method 1002.0). This test should be terminated when 60% of the surviving adults in the control produce three broods or at the end of eight days, whichever occurs first. This test shall be conducted once per quarter.

2) Chronic static renewal 7-day larval survival and growth test using the fathead minnow (*Pimephales promelas*) (Method 1000.0). A minimum of five replicates with eight organisms per replicate shall be used in the control and in each dilution. This test shall be conducted once per quarter.

The permittee must perform and report a valid test for each test species during the prescribed reporting period. An invalid test must be repeated during the same reporting period. An invalid test is defined as any test failing to satisfy the test acceptability criteria, procedures, and quality assurance requirements specified in the test methods and permit.

c. The permittee shall use five effluent dilution concentrations and a control in each toxicity test. These effluent dilution concentrations are 31%, 41%, 55%, 80%, and 98% effluent. The critical dilution, defined as 98% effluent, is the effluent concentration representative of the proportion of effluent in the receiving water during critical low flow or critical mixing conditions.

d. This permit may be amended to require a WET limit, a chemical-specific effluent limit, a best management practice, or other appropriate actions to address toxicity to the fathead minnow. The permittee may be required to conduct a sublethal toxicity reduction evaluation (TRE) after multiple toxic events.

e. At the permit issue date, the lethal NOEC effluent limitation of not less than 98% (see the EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS section) becomes effective for the water flea and the fathead minnow

f. At the permit issue date, if a test fails to pass the lethal endpoint for either test species at the 98% effluent, the testing frequency will increase to monthly for that test species until such time compliance with the NOEC effluent limitation is demonstrated for a period of three consecutive months, at which time the quarterly testing frequency may be resumed.

g. At the permit issue date, the sublethal NOEC effluent limitation of not less than 80% (see the EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS section) becomes effective for the water flea.

h. At the permit issue date, if a fails to pass the sublethal endpoint for the water flea at the 80% effluent concentration, the testing frequency will increase to monthly for that test species until such time compliance with the NOEC effluent limitation is demonstrated for a period of three consecutive months, at which time the quarterly testing frequency may be resumed

e. Testing Frequency Reduction

1) If none of the first four consecutive quarterly tests demonstrates significant toxicity, the permittee may submit this information in writing and, upon approval, reduce the testing frequency to once per six months for the invertebrate test species and once per year for the vertebrate test species.

2) If one or more of the first four consecutive quarterly tests demonstrates significant toxicity, the permittee shall continue quarterly testing for that species until this permit is reissued. If a testing frequency reduction had been previously granted and a subsequent test demonstrates significant toxicity, the permittee shall resume a quarterly testing frequency for that species until this permit is reissued.

2. Required Toxicity Testing Conditions

a. Test Acceptance - The permittee shall repeat any toxicity test, including the control and all effluent dilutions, which fail to meet the following criteria:

1) a control mean survival of 80% or greater;

2) a control mean number of water flea neonates per surviving adult of 15 or greater;

3) a control mean dry weight of surviving fathead minnow larvae of 0.25 mg or greater;

4) a control coefficient of variation percent (CV%) of 40 or less in between replicates for the young of surviving females in the water flea test; and the growth and survival endpoints in the fathead minnow test;

5) a critical dilution CV% of 40 or less for the young of surviving females in the water flea test; and the growth and survival endpoints for the fathead minnow test. However, if statistically significant lethal or nonlethal effects are exhibited at the critical dilution, a CV% greater than 40 shall not invalidate the test;

6) a percent minimum significant difference of 47 or less for water flea reproduction; and

7) a percent minimum significant difference of 30 or less for fathead minnow growth.

b. Statistical Interpretation

1) For the water flea survival test, the statistical analyses used to determine if there is a significant difference between the control and an effluent dilution shall be the Fisher's exact test as described in the manual referenced in in Part 1.b.

2) For the water flea reproduction test and the fathead minnow larval survival and growth tests, the statistical analyses used to determine if there is a significant difference between the control and an effluent dilution shall be in accordance with the manual referenced in Part 1.b.

3) The permittee is responsible for reviewing test concentration-response relationships to ensure that calculated test-results are interpreted and reported correctly. The document entitled "Method Guidance and Recommendation for Whole Effluent Toxicity (WET) Testing (40 CFR Part 136)" (EPA 821-B-00-004) provides guidance on determining the validity of test results.

4) If significant lethality is demonstrated (that is, there is a statistically significant difference in survival at the critical dilution when compared to the survival in the control), the conditions of test acceptability are met, and the survival of the test organisms are equal to or greater than 80% in the critical dilution and all dilutions below that, then the permittee shall report a survival No Observed Effect Concentration (NOEC) of not less than the critical dilution for the reporting requirements.

5) The NOEC is defined as the greatest effluent dilution at which no significant effect is demonstrated. The Lowest Observed Effect Concentration (LOEC) is defined as the lowest effluent dilution at which a significant effect is demonstrated. A significant effect is defined as a statistically significant difference between the survival, reproduction, or growth of the test organism in a specified effluent dilution when compared to the survival, reproduction, or growth of the test organism in the control.

6) The use of NOECs and LOECs assumes either a monotonic (continuous) concentration-response relationship or a threshold model of the concentration-response relationship. For any test result that demonstrates a non-monotonic (non-continuous) response, the NOEC should be determined based on the guidance manual referenced in Item 3.

7) Pursuant to the responsibility assigned to the permittee in Part 2.b.3), test results that demonstrate a non-monotonic (non-continuous) concentration-response relationship may be submitted, prior to the due date, for technical review. The guidance manual referenced in Item 3 will be used when making a determination of test acceptability.

8) TCEQ staff will review test results for consistency with rules, procedures, and permit requirements.

c. Dilution Water

1) Dilution water used in the toxicity tests must be the receiving water collected at a point upstream of the discharge point as close as possible to the discharge point but unaffected by the discharge. Where the toxicity tests are conducted on

effluent discharges to receiving waters that are classified as intermittent streams, or where the toxicity tests are conducted on effluent discharges where no receiving water is available due to zero flow conditions, the permittee shall:

a) substitute a synthetic dilution water that has a pH, hardness, and alkalinity similar to that of the closest downstream perennial water unaffected by the discharge; or

b) use the closest downstream perennial water unaffected by the discharge.

2) Where the receiving water proves unsatisfactory as a result of pre-existing instream toxicity (i.e. fails to fulfill the test acceptance criteria of Part 2.a.), the permittee may substitute synthetic dilution water for the receiving water in all subsequent tests provided the unacceptable receiving water test met the following stipulations:

a) a synthetic lab water control was performed (in addition to the receiving water control) which fulfilled the test acceptance requirements of Part 2.a;

b) the test indicating receiving water toxicity was carried out to completion (i.e., 7 days); and

c) the permittee submitted all test results indicating receiving water toxicity with the reports and information required in Part 3.

3) The synthetic dilution water shall consist of standard, moderately hard, reconstituted water. Upon approval, the permittee may substitute other appropriate dilution water with chemical and physical characteristics similar to that of the receiving water.

d. Samples and Composites

1) The permittee shall collect a minimum of three composite samples from Outfall 001. The second and third composite samples will be used for the renewal of the dilution concentrations for each toxicity test.

2) The permittee shall collect the composite samples such that the samples are representative of any periodic episode of chlorination, biocide usage, or other potentially toxic substance being discharged on an intermittent basis.

3) The permittee shall initiate the toxicity tests within 36 hours after collection of the last portion of the first composite sample. The holding time for any subsequent composite sample shall not exceed 72 hours. Samples shall be maintained at a temperature of 0-6 degrees Centigrade during collection, shipping, and storage.

4) If Outfall 001 ceases discharging during the collection of effluent samples, the requirements for the minimum number of effluent samples, the minimum number of effluent portions, and the sample holding time are waived during that sampling period. However, the permittee must have collected an effluent composite sample volume sufficient to complete the required toxicity tests with renewal of the effluent. When possible, the effluent samples used for the

toxicity tests shall be collected on separate days if the discharge occurs over multiple days. The sample collection duration and the static renewal protocol associated with the abbreviated sample collection must be documented in the full report.

3. Reporting

All reports, tables, plans, summaries, and related correspondence required in this section shall be submitted to the attention of the Standards Implementation Team (MC 150) of the Water Quality Division.

a. The permittee shall prepare a full report of the results of all tests conducted in accordance with the manual referenced in Part 1.b. for every valid and invalid toxicity test initiated whether carried to completion or not.

b. The permittee shall routinely report the results of each biomonitoring test on the Table 1 forms provided with this permit.

1) Annual biomonitoring test results are due on or before January 20th for biomonitoring conducted during the previous 12-month period.

2) Semiannual biomonitoring test results are due on or before July 20th and January 20th for biomonitoring conducted during the previous 6-month period.

3) Quarterly biomonitoring test results are due on or before April 20th, July 20th, October 20th, and January 20th for biomonitoring conducted during the previous calendar quarter.

4) Monthly biomonitoring test results are due on or before the 20th day of the month following sampling.

c. Enter the following codes for the appropriate parameters for valid tests only:

1) For the water flea, Parameter TLP3B, enter a "1" if the NOEC for survival is less than the critical dilution; otherwise, enter a "0."

2) For the water flea, Parameter TOP3B, report the NOEC for survival.

3) For the water flea, Parameter TXP3B, report the LOEC for survival.

4) For the water flea, Parameter TWP3B, enter a "1" if the NOEC for reproduction is less than the critical dilution; otherwise, enter a "0."

5) For the water flea, Parameter TPP3B, report the NOEC for reproduction.

6) For the water flea, Parameter TYP3B, report the LOEC for reproduction.

7) For the fathead minnow, Parameter TLP6C, enter a "1" if the NOEC for survival is less than the critical dilution; otherwise, enter a "0."

8) For the fathead minnow, Parameter TOP6C, report the NOEC for survival.

9) For the fathead minnow, Parameter TXP6C, report the LOEC for survival.

10) For the fathead minnow, Parameter TWP6C, enter a "1" if the NOEC for growth is less than the critical dilution; otherwise, enter a "0."

11) For the fathead minnow, Parameter TPP6C, report the NOEC for growth.

12) For the fathead minnow, Parameter TYP6C, report the LOEC for growth.

d. Enter the following codes for retests only:

1) For retest number 1, Parameter 22415, enter a "1" if the NOEC for survival is less than the critical dilution; otherwise, enter a "0."

2) For retest number 2, Parameter 22416, enter a "1" if the NOEC for survival is less than the critical dilution; otherwise, enter a "0."

e. For the water flea, the permittee shall report the lethal and sublethal WET values for the 30-day average and the 7-day minimum under Parameter No. 51710 for the appropriate reporting period. For the fathead minnow, the permittee shall report the lethal WET values for the 30-day average and the 7-day minimum under Parameter No. 51714 for the appropriate reporting period. If more than one valid test was performed during the reporting period, the NOECs will be averaged arithmetically and reported as the daily average NOEC for that test species. The data submitted should reflect the lowest toxicity test results during the reporting period.

4. Persistent Toxicity

The requirements of this part apply only when a test demonstrates a significant sublethal effect at the critical dilution and only for the fathead minnow. Significant sublethality is defined as a statistically significant difference in growth/reproduction at the critical dilution when compared to the growth/reproduction in the control.

a. The permittee shall conduct a total of 2 additional tests (retests) for any species that demonstrates a significant sublethal effect at the critical dilution. The two retests shall be conducted monthly during the next two consecutive months. The permittee shall not substitute either of the two retests in lieu of routine toxicity testing. All reports shall be submitted within 20 days of test completion. Test completion is defined as the last day of the test.

b. No more than one retest per month is required.

5. Toxicity Reduction Evaluation

a. Within 45 days of the of being so instructed due to multiple toxic events, the permittee shall submit a general outline for initiating a sublethal TRE. The outline shall include, but not be limited to, a description of project personnel, a schedule for obtaining consultants (if needed), a discussion of influent and effluent data available for review, a sampling and analytical schedule, and a proposed TRE initiation date.

b. Within 90 days oof being so instructed due to multiple toxic events, the permittee shall submit a TRE action plan and schedule for conducting a TRE. The plan shall specify the approach and methodology to be used in performing the TRE. A TRE is a step-wise

investigation combining toxicity testing with physical and chemical analyses to determine actions necessary to eliminate or reduce effluent toxicity to a level not effecting significant sublethality at the critical dilution. The TRE action plan shall should lead to the successful elimination of significant sublethality. At a minimum, the TRE action plan shall include the following:

1) Specific Activities - The TRE action plan shall specify the approach the permittee intends to utilize in conducting the TRE, including toxicity characterizations, identifications, confirmations, source evaluations, treatability studies, and alternative approaches. When conducting characterization analyses, the permittee shall perform multiple characterizations and follow the procedures specified in the document entitled "Toxicity Identification Evaluation: Characterization of Chronically Toxic Effluents, Phase I" (EPA/600/6-91/005F) or alternate procedures. The permittee shall perform multiple identifications and follow the methods specified in the documents entitled "Methods for Aquatic Toxicity Identification Evaluations: Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/080) and "Methods for Aquatic Toxicity Identification Evaluations: Phase III Toxicity Confirmation Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/081). All characterization, identification, and confirmation tests shall be conducted in an orderly and logical progression;

2) Sampling Plan - The TRE action plan should describe sampling locations, methods, holding times, chain of custody, and preservation techniques. The effluent sample volume collected for all tests shall be adequate to perform the toxicity characterization/identification/confirmation procedures and chemical-specific analyses when the toxicity tests show significant sublethality. Where the permittee has identified or suspects a specific pollutant and source of effluent toxicity, the permittee shall conduct, concurrent with toxicity testing, chemical-specific analyses for the identified and suspected pollutant and source of effluent toxicity;

3) Quality Assurance Plan - The TRE action plan should address record keeping and data evaluation, calibration and standardization, baseline tests, system blanks, controls, duplicates, spikes, toxicity persistence in the samples, randomization, reference toxicant control charts, and mechanisms to detect artifactual toxicity; and

4) Project Organization - The TRE action plan should describe the project staff, project manager, consulting engineering services (where applicable), consulting analytical and toxicological services, etc.

c. Within 30 days of submittal of the TRE action plan and schedule, the permittee shall implement the TRE.

d. The permittee shall submit quarterly TRE activities reports concerning the progress of the TRE. The quarterly reports are due on or before April 20th, July 20th, October 20th, and January 20th. The report shall detail information regarding the TRE activities including:

1) results and interpretation of any chemical-specific analyses for the identified and suspected pollutant performed during the quarter;

2) results and interpretation of any characterization, identification, and confirmation tests performed during the quarter;

3) any data and substantiating documentation which identifies the pollutant(s) and source of effluent toxicity;

4) results of any studies/evaluations concerning the treatability of the facility's effluent toxicity;

5) any data that identifies effluent toxicity control mechanisms that will reduce effluent toxicity to the level necessary to meet no significant sublethality at the critical dilution; and

6) any changes to the initial TRE plan and schedule that are believed necessary as a result of the TRE findings.

Copies of the TRE activities report shall also be submitted to the U.S. EPA Region 6 office.

e. During the TRE, the permittee shall perform, at a minimum, quarterly testing

f. The permittee shall complete the TRE and submit a final report on the TRE activities no later than 28 months from the date of being instructed to perform the sublethal TRE . The permittee may petition the Executive Director (in writing) for an extension of the 28-month limit. However, to warrant an extension the permittee must have demonstrated due diligence in its pursuit of the toxicity identification evaluation/TRE and must prove that circumstances beyond its control stalled the toxicity identification evaluation/TRE. The report shall provide information pertaining to the specific control mechanism selected that will, when implemented, result in the reduction of effluent toxicity to no significant lethality at the critical dilution. The report shall also provide a specific corrective action schedule for implementing the selected control mechanism. A copy of the TRE final report shall also be submitted to the U.S. EPA Region 6 office.

h. Based on the results of the TRE and proposed corrective actions, this permit may be amended to modify the biomonitoring requirements, where necessary, require a compliance schedule for implementation of corrective actions, specify a sublethal WET limit, specify a best management practice, and specify a chemical-specific limit.

TABLE 1 (SHEET 1 OF 4)

BIOMONITORING REPORTING

CERIODAPHNIA DUBIA SURVIVAL AND REPRODUCTION

Dates and Times Composites Collected

Date Time Date Time

No. 1 FROM: _____ TO: _____

No. 2 FROM: _____ TO: _____

No. 3 FROM: _____ TO: _____

Test initiated: _____ am/pm _____ date

Dilution water used: _____ Receiving water _____ Synthetic Dilution water

NUMBER OF YOUNG PRODUCED PER ADULT AT END OF TEST

REP	Percent effluent					
	0%	31%	41%	55%	80%	98%
A						
B						
C						
D						
E						
F						
G						
H						
I						
J						
Survival Mean						
Total Mean						
CV%*						
PMSD						

*Coefficient of Variation = standard deviation x 100/mean (calculation based on young of the surviving adults)
Designate males (M), and dead females (D), along with number of neonates (x) released prior to death.

TABLE 1 (SHEET 2 OF 4)

CERIODAPHNIA DUBIA SURVIVAL AND REPRODUCTION TEST

1. Dunnett's Procedure or Steel's Many-One Rank Test or Wilcoxon Rank Sum Test (with Bonferroni adjustment) or t-test (with Bonferroni adjustment) as appropriate:

   Is the mean number of young produced per adult significantly less than the number of young per adult in the control for the % effluent corresponding to significant nonlethal effects?

   CRITICAL DILUTION (98%): _____ YES _____ NO

PERCENT SURVIVAL

	Percent effluent					
Time of Reading	0%	31%	41%	55%	80%	98%
24h						
48h						
End of Test						

2. Fisher's Exact Test:

   Is the mean survival at test end significantly less than the control survival for the % effluent corresponding to lethality?

   CRITICAL DILUTION (98%): _____ YES _____ NO

3. Enter percent effluent corresponding to each NOEC\LOEC below:

   a.) NOEC survival = _____% effluent

   b.) LOEC survival = _____% effluent

   c.) NOEC reproduction = _____% effluent

   d.) LOEC reproduction = _____% effluent

TABLE 1 (SHEET 3 OF 4)

BIOMONITORING REPORTING

FATHEAD MINNOW LARVAE GROWTH AND SURVIVAL

Dates and Times Composites Collected

Date Time Date Time

No. 1 FROM: _____ TO: _____

No. 2 FROM: _____ TO: _____

No. 3 FROM: _____ TO: _____

Test initiated: _____ am/pm _____ date

Dilution water used: _____ Receiving water _____ Synthetic dilution water

FATHEAD MINNOW GROWTH DATA

Effluent Concentration	Average Dry Weight in replicate chambers					Mean Dry Weight	CV%*
	A	B	C	D	E		
0%							
31%							
41%							
55%							
80%							
98%							
PMSD							

* Coefficient of Variation = standard deviation x 100/mean

1. Dunnett's Procedure or Steel's Many-One Rank Test or Wilcoxon Rank Sum Test (with Bonferroni adjustment) or t-test (with Bonferroni adjustment) as appropriate:

   Is the mean dry weight (growth) at 7 days significantly less than the control's dry weight (growth) for the % effluent corresponding to significant nonlethal effects?

   CRITICAL DILUTION (98%): _____ YES _____ NO

TABLE 1 (SHEET 4 OF 4)

BIOMONITORING REPORTING

FATHEAD MINNOW GROWTH AND SURVIVAL TEST

FATHEAD MINNOW SURVIVAL DATA

Effluent Concentration	Percent Survival in replicate chambers					Mean percent survival			CV%*
	A	B	C	D	E	24h	48h	7 day	
0%									
31%									
41%									
55%									
80%									
98%									

* Coefficient of Variation = standard deviation x 100/mean

2. Dunnett's Procedure or Steel's Many-One Rank Test or Wilcoxon Rank Sum Test (with Bonferroni adjustment) or t-test (with Bonferroni adjustment) as appropriate:

   Is the mean survival at 7 days significantly less than the control survival for the % effluent corresponding to lethality?

   CRITICAL DILUTION (98%): _____ YES _____ NO

3. Enter percent effluent corresponding to each NOEC\LOEC below:

   a.) NOEC survival = _____% effluent

   b.) LOEC survival = _____% effluent

   c.) NOEC growth = _____% effluent

   d.) LOEC growth = _____% effluent

24-HOUR ACUTE BIOMONITORING REQUIREMENTS: FRESHWATER

The provisions of this section apply to Outfall 001 for whole effluent toxicity (WET) testing.

1. Scope, Frequency, and Methodology

a. The permittee shall test the effluent for lethality in accordance with the provisions in this section. Such testing will determine compliance with Texas Surface Water Quality Standard 30 TAC § 307.6(e)(2)(B), which requires greater than 50% survival of the appropriate test organisms in 100% effluent for a 24-hour period.

b. The toxicity tests specified shall be conducted once per six months. The permittee shall conduct the following toxicity tests using the test organisms, procedures, and quality assurance requirements specified in this section of the permit and in accordance with "Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms," fifth edition (EPA-821-R-02-012) or its most recent update:

1) Acute 24-hour static toxicity test using the water flea (*Daphnia pulex* or *Ceriodaphnia dubia*). A minimum of five replicates with eight organisms per replicate shall be used in the control and each dilution.

2) Acute 24-hour static toxicity test using the fathead minnow (*Pimephales promelas*). A minimum of five replicates with eight organisms per replicate shall be used in the control and each dilution.

The permittee must perform and report a valid test for each test species during the prescribed reporting period. An invalid test must be repeated during the same reporting period. An invalid test is defined as any test failing to satisfy the test acceptability criteria, procedures, and quality assurance requirements specified in the test methods and permit.

c. In addition to an appropriate control, a 100% effluent concentration shall be used in the toxicity tests. The control and dilution water shall consist of standard, synthetic, moderately hard, reconstituted water.

d. This permit may be amended to require a WET limit, a best management practice, a chemical-specific limit, or other appropriate actions to address toxicity. The permittee may be required to conduct a toxicity reduction evaluation (TRE) after multiple toxic events.

2. Required Toxicity Testing Conditions

a. Test Acceptance – The permittee shall repeat any toxicity test, including the control, if the control fails to meet a mean survival equal to or greater than 90%.

b. Dilution Water - In accordance with Part 1.c., the control and dilution water shall consist of standard, synthetic, moderately hard, reconstituted water.

c. Samples and Composites

1) The permittee shall collect one composite sample from Outfall 001.

2) The permittee shall collect the composite sample such that the sample is representative of any periodic episode of chlorination, biocide usage, or other potentially toxic substance being discharged on an intermittent basis.

3) The permittee shall initiate the toxicity tests within 36 hours after collection of the last portion of the composite sample. The sample shall be maintained at a temperature of 0-6 degrees Centigrade during collection, shipping, and storage.

4) If Outfall 001 ceases discharging during the collection of the effluent composite sample, the requirements for the minimum number of effluent portions are waived. However, the permittee must have collected a composite sample volume sufficient for completion of the required test. The abbreviated sample collection, duration, and methodology must be documented in the full report.

3. Reporting

All reports, tables, plans, summaries, and related correspondence required in this section shall be submitted to the attention of the Standards Implementation Team (MC 150) of the Water Quality Division.

a. The permittee shall prepare a full report of the results of all tests conducted pursuant to this permit in accordance with the manual referenced in Part 1.b. for every valid and invalid toxicity test initiated.

b. The permittee shall routinely report the results of each biomonitoring test on the Table 2 forms provided with this permit.

1) Semiannual biomonitoring test results are due on or before July 20th January 20th for biomonitoring conducted during the previous 6-month period.

2) Quarterly biomonitoring test results are due on or before April 20th, July 20th, and October 20th, and January 20th for biomonitoring conducted during the previous calendar quarter.

c. Enter the following codes for the appropriate parameters for valid tests only:

1) For the water flea, Parameter TIE3D, enter a "0" if the mean survival at 24 hours is greater than 50% in the 100% effluent dilution; if the mean survival is less than or equal to 50%, enter "1."

2) For the fathead minnow, Parameter TIE6C, enter a "0" if the mean survival at 24 hours is greater than 50% in the 100% effluent dilution; if the mean survival is less than or equal to 50%, enter "1."

d. Enter the following codes for retests only:

1) For retest number 1, Parameter 22415, enter a "0" if the mean survival at 24 hours is greater than 50% in the 100% effluent dilution; if the mean survival is less than or equal to 50%, enter "1."

2) For retest number 2, Parameter 22416, enter a "0" if the mean survival at 24 hours is greater than 50% in the 100% effluent dilution; if the mean survival is less than or equal to 50%, enter "1."

4. Persistent Mortality

The requirements of this part apply when a toxicity test demonstrates significant lethality, which is defined as a mean mortality of 50% or greater of organisms exposed to the 100% effluent concentration for 24 hours.

a. The permittee shall conduct 2 additional tests (retests) for each species that demonstrates significant lethality. The two retests shall be conducted once per week for 2 weeks. Five effluent dilution concentrations in addition to an appropriate control shall be used in the retests. These effluent concentrations are 6%, 13%, 25%, 50%, and 100% effluent. The first retest shall be conducted within 15 days of the laboratory determination of significant lethality. All test results shall be submitted within 20 days of test completion of the second retest. Test completion is defined as the 24th hour.

b. If one or both of the two retests specified in Part 4.a. demonstrates significant lethality, the permittee shall initiate the TRE requirements as specified in Part 5.

5. Toxicity Reduction Evaluation

a. Within 45 days of the retest that demonstrates significant lethality, the permittee shall submit a general outline for initiating a TRE. The outline shall include, but not be limited to, a description of project personnel, a schedule for obtaining consultants (if needed), a discussion of influent and effluent data available for review, a sampling and analytical schedule, and a proposed TRE initiation date.

b. Within 90 days of the retest that demonstrates significant lethality, the permittee shall submit a TRE action plan and schedule for conducting a TRE. The plan shall specify the approach and methodology to be used in performing the TRE. A TRE is a step-wise investigation combining toxicity testing with physical and chemical analyses to determine actions necessary to eliminate or reduce effluent toxicity to a level not effecting significant lethality at the critical dilution. The TRE action plan shall lead to the successful elimination of significant lethality for both test species defined in Part 1.b. At a minimum, the TRE action plan shall include the following:

1) Specific Activities - The TRE action plan shall specify the approach the permittee intends to utilize in conducting the TRE, including toxicity characterizations, identifications, confirmations, source evaluations, treatability studies, and alternative approaches. When conducting characterization analyses, the permittee shall perform multiple characterizations and follow the procedures specified in the document entitled "Methods for Aquatic Toxicity Identification Evaluations: Phase I Toxicity Characterization Procedures" (EPA/600/6-91/003) or alternate procedures. The permittee shall perform multiple identifications and follow the methods specified in the documents entitled "Methods for Aquatic Toxicity Identification Evaluations: Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/080) and "Methods for Aquatic Toxicity Identification Evaluations: Phase III Toxicity Confirmation Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/081). All characterization, identification, and confirmation tests shall be conducted in an orderly and logical progression;

2) Sampling Plan - The TRE action plan should describe sampling locations,

methods, holding times, chain of custody, and preservation techniques. The effluent sample volume collected for all tests shall be adequate to perform the toxicity characterization/identification/confirmation procedures and chemical-specific analyses when the toxicity tests show significant lethality. Where the permittee has identified or suspects a specific pollutant and source of effluent toxicity, the permittee shall conduct, concurrent with toxicity testing, chemical-specific analyses for the identified and suspected pollutant and source of effluent toxicity;

3) Quality Assurance Plan - The TRE action plan should address record keeping and data evaluation, calibration and standardization, baseline tests, system blanks, controls, duplicates, spikes, toxicity persistence in the samples, randomization, reference toxicant control charts, and mechanisms to detect artifactual toxicity; and

4) Project Organization - The TRE Action Plan should describe the project staff, manager, consulting engineering services (where applicable), consulting analytical and toxicological services, etc.

c. Within 30 days of submittal of the TRE action plan and schedule, the permittee shall implement the TRE.

d. The permittee shall submit quarterly TRE activities reports concerning the progress of the TRE. The quarterly TRE Activities Reports are due on or before April 20th, July 20th, October 20th, and January 20th. The report shall detail information regarding the TRE activities including:

1) results and interpretation of any chemical-specific analyses for the identified and suspected pollutant performed during the quarter;

2) results and interpretation of any characterization, identification, and confirmation tests performed during the quarter;

3) any data and substantiating documentation that identifies the pollutant and source of effluent toxicity;

4) results of any studies/evaluations concerning the treatability of the facility's effluent toxicity;

5) any data that identifies effluent toxicity control mechanisms that will reduce effluent toxicity to the level necessary to eliminate significant lethality; and

6) any changes to the initial TRE plan and schedule that are believed necessary as a result of the TRE findings.

Copies of the TRE activities report shall also be submitted to the U.S. EPA Region 6 office.

e. During the TRE, the permittee shall perform, at a minimum, quarterly testing using the more sensitive species. Testing for the less sensitive species shall continue at the frequency specified in Part 1.b.

f. If the effluent ceases to effect significant lethality, i.e., there is a cessation of lethality,

the permittee may end the TRE. A cessation of lethality is defined as no significant lethality for a period of 12 consecutive weeks with at least weekly testing. At the end of the 12 weeks, the permittee shall submit a statement of intent to cease the TRE and may then resume the testing frequency specified in Part 1.b.

This provision accommodates situations where operational errors and upsets, spills, or sampling errors triggered the TRE, in contrast to a situation where a single toxicant or group of toxicants cause lethality. This provision does not apply as a result of corrective actions taken by the permittee. Corrective actions are defined as proactive efforts that eliminate or reduce effluent toxicity. These include, but are not limited to, source reduction or elimination, improved housekeeping, changes in chemical usage, and modifications of influent streams and effluent treatment.

The permittee may only apply this cessation of lethality provision once. If the effluent again demonstrates significant lethality to the same species, the permit will be amended to add a WET limit with a compliance period, if appropriate. However, prior to the effective date of the WET limit, the permittee may apply for a permit amendment removing and replacing the WET limit with an alternate toxicity control measure by identifying and confirming the toxicant and an appropriate control measure.

g. The permittee shall complete the TRE and submit a final report on the TRE activities no later than 18 months from the last test day of the retest that demonstrates significant lethality. The permittee may petition the Executive Director (in writing) for an extension of the 18-month limit. However, to warrant an extension the permittee must have demonstrated due diligence in its pursuit of the toxicity identification evaluation/TRE and must prove that circumstances beyond its control stalled the toxicity identification evaluation/TRE. The report shall specify the control mechanism that will, when implemented, reduce effluent toxicity as specified in Part 5.h. The report shall also specify a corrective action schedule for implementing the selected control mechanism. A copy of the TRE final report shall also be submitted to the U.S. EPA Region 6 office.

h. Within 3 years of the last day of the test confirming toxicity, the permittee shall comply with 30 TAC § 307.6(e)(2)(B), which requires greater than 50% survival of the test organism in 100% effluent at the end of 24-hours. The permittee may petition the Executive Director (in writing) for an extension of the 3-year limit. However, to warrant an extension the permittee must have demonstrated due diligence in its pursuit of the toxicity identification evaluation/TRE and must prove that circumstances beyond its control stalled the toxicity identification evaluation/TRE.

The permittee may be exempted from complying with 30 TAC § 307.6(e)(2)(B) upon proving that toxicity is caused by an excess, imbalance, or deficiency of dissolved salts. This exemption excludes instances where individually toxic components (e.g., metals) form a salt compound. Following the exemption, this permit may be amended to include an ion-adjustment protocol, alternate species testing, or single species testing.

i. Based upon the results of the TRE and proposed corrective actions, this permit may be amended to modify the biomonitoring requirements where necessary, require a compliance schedule for implementing corrective actions, specify a WET limit, specify a best management practice, and specify a chemical-specific limit.

TABLE 2 (SHEET 1 OF 2)

WATER FLEA SURVIVAL

GENERAL INFORMATION

	Time	Date
Composite Sample Collected		
Test Initiated		

PERCENT SURVIVAL

Time	Rep	Percent effluent					
		0%	6%	13%	25%	50%	100%
24h	A						
	B						
	C						
	D						
	E						
	MEAN*						

Enter percent effluent corresponding to the LC50 below:

24 hour LC50 = _____% effluent

TABLE 2 (SHEET 2 OF 2)

FATHEAD MINNOW SURVIVAL

GENERAL INFORMATION

	Time	Date
Composite Sample Collected		
Test Initiated		

PERCENT SURVIVAL

Time	Rep	Percent effluent					
		0%	6%	13%	25%	50%	100%
24h	A						
	B						
	C						
	D						
	E						
	MEAN						

Enter percent effluent corresponding to the LC50 below:

24 hour LC50 = _____% effluent

TPDES PERMIT NO. WQ0003017000
[For TCEQ office use only -
EPA I.D. No. TX0062936]

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

This renewal replaces TPDES Permit No. WQ0003017000, issued on May 25, 2012.

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

Pilgrim's Pride Corporation

whose mailing address is

P.O. Box 1268
Mount Pleasant, Texas 75455

is authorized to treat and discharge wastes from Pilgrim's Pride Southwest Wastewater Treatment Plant (SIC 2015)

located at 664 Farm-to-Market Road 127 West in the City of Mount Pleasant in Titus County, Texas 75455

to Tankersley Creek; thence to Big Cypress Creek Below Lake Bob Sandlin in Segment No. 0404 of the Cypress Creek Basin

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

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

ISSUED DATE: November 19, 2018

For the Commission

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS — Outfall Number 001

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

The daily average flow of effluent shall not exceed 3.5 million gallons per day (MGD). The daily maximum flow shall not exceed 5.0 MGD.

Effluent Characteristics	Discharge Limitations					Minimum Self-Monitoring Requirements	
	Daily Average		Daily Maximum		Single Grab	Report Daily Average and Daily Maximum	
	lbs/day	mg/L	lbs/day	mg/L	mg/L	Measurement Frequency	Sample Type
Flow	3.5 MGD		5.0 MGD		N/A	Continuous	Record
Carbonaceous Biochemical Oxygen Demand (5-day)	146	5	292	10	10	3/week	Composite
Total Suspended Solids	376	15	751	30	30	3/week	Composite
Biochemical Oxygen Demand (5-day)	454	16	738	26	26	3/week	Composite
Ammonia (as N)							
April - October	29	1	58	2	2	3/week	Composite
November - March	113	4	170	6	6	3/week	Composite
Total Nitrogen	2,922	103	4,171	147	147	3/week	Composite
Chloride	Report	Report	Report	Report	N/A	1/week	Composite
Sulfate[1]	9,815	323	20,766	683	683	1/week	Composite
Sulfate[2]	9,113	312	19,306	661	661	1/week	Composite
Total Dissolved Solids	Report	Report	Report	Report	N/A	1/week	Composite
Conductivity	Report, mmhos/cm		Report, mmhos/cm		N/A	3/week	Grab
Oil and Grease[3]	227	8	376	14	14	3/week	Grab
Total Residual Chlorine[4]	N/A	N/A	N/A	1.0 (min)	1.0	1/day	Grab
Total Residual Chlorine[4]	N/A	N/A	N/A	0.1 (max)	0.1	1/day	Grab
Total Phosphorus	144.89	Report	Report	Report	N/A	1/week	Composite
Total Phosphorus – Monthly[5]	N/A	N/A	Report, lbs/month		N/A	1/month	Calculation
Total Phosphorus – Annual[1,6]	N/A	N/A	44,650 lbs/year		N/A	1/month	Summation
Total Phosphorus – Annual[2,6]	N/A	N/A	44,100 lbs/year		N/A	1/month	Summation
E. coli[7]	(126)		(394)		(394)	3/week	Grab
Fecal Coliform[7]	N/A		(200)		(200)	1/month	Grab
Chromium, Hexavalent	N/A	Report	N/A	Report	N/A	1/month	Grab

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS - Continued

Outfall Number 001

Effluent Characteristics	Discharge Limitations					Minimum Self-Monitoring Requirements	
	Daily Average		Daily Maximum		Single Grab	Report Daily Average and Daily Maximum	
	lbs/day	mg/L	lbs/day	mg/L	mg/L	Measurement Frequency	Sample Type
Copper, Total	N/A	Report	N/A	Report	N/A	1/month	Grab
Lead, Total	N/A	Report	N/A	Report	N/A	1/month	Grab
Zinc, Total[8]	N/A	Report	N/A	Report	N/A	1/month	Grab
Zinc, Total[9]	N/A	0.150	N/A	0.317	0.317	1/month	Grab
Mercury, Total	N/A	Report	N/A	Report	N/A	1/month	Grab
Lethal Whole Effluent Toxicity (WET) Limit 98% (PCS/STORET 22414)[10]							
Ceriodaphnia dubia							
(7-day chronic NOEC[12])		98%		98%	N/A	1/quarter	Composite
Pimephales promelas							
(7-day chronic NOEC[12])		98%		98%	N/A	1/quarter	Composite
Sublethal WET Limit 80% (Parameter 22414)[11]							
Ceriodaphnia dubia							
(7-day chronic NOEC[12])		80%		80%	N/A	1/quarter	Composite

[1]Beginning from date of permit issuance and lasting 364 days.

[2]Beginning 365 days from date of permit issuance.

[3]Total recoverable oil and grease measured as n-hexane extractable material.

[4]The effluent must contain a chlorine residual of at least 1.0 mg/L after a detention time of at least 20 minutes (based on peak flow) and must be monitored 1/day by grab sample prior to dechlorination. The permittee shall dechlorinate the chlorinated effluent to less than 0.1 mg/L chlorine residual. An equivalent method of disinfection may be substituted only with prior approval from the Executive Director of the TCEQ.

[5]Total lbs of total phosphorus discharged during the calendar month (lbs/month).

[6]Total lbs of total phosphorus discharged during the previous twelve months (annual rolling mass limit).

[7]Colony Forming Units (CFU)/100 mL or most probable number (MPN)/100 mL.

[8]Beginning from date of permit issuance and lasting two-years and 364 days. See Other Requirement No. 15.

[9]Beginning two-years and 365 days from date of permit issuance. See Other Requirement No. 15.

[10]The lethal WET limit No Observed Effect Concentration (NOEC) of not less than 98% is effective at the permit issue date.

[11]The sublethal WET limit NOEC of not less than 80% is effective at the permit issue date.

[12]The NOEC is defined as the greatest effluent dilution at which no significant effect is demonstrated. A significant effect is defined as a statistically significant difference between a specified effluent dilution and the control for lethal or sublethal effects, whichever is specified.

2. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored 1/day by grab sample.

3. The effluent shall contain a minimum dissolved oxygen level of at least 6.0 mg/L and shall be monitored 3/week by grab sample.

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

5. Effluent monitoring samples shall be taken at the following location: At Outfall 001 (N 33° 08' 21.4" / W 94° 59' 51"), following the final treatment unit and prior to discharging to Tankersley Creek.

DEFINITIONS AND STANDARD PERMIT CONDITIONS

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

1. Flow Measurements

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

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

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

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

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

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

2. Concentration Measurements

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

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

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

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

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

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

mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the sampling day.

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

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

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

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

3. Sample Type

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

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 or disposal of domestic sewage, industrial wastes, agricultural wastes, recreational wastes, or other wastes including sludge handling or disposal facilities under the jurisdiction of the Commission.

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

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

MONITORING AND REPORTING REQUIREMENTS

1. Self-Reporting

Monitoring results shall be provided at the intervals specified in the permit. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall conduct effluent sampling and reporting in accordance with 30 TAC §§319.4 - 319.12. Unless otherwise specified, a monthly effluent report shall be submitted each month, to the Enforcement Division (MC 224), by the 20th day of the following month for each discharge that is described by this permit whether or not a discharge is made for that month. Effective December 1, 2016, monitoring

results must be submitted online using the NetDMR reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. Monitoring results must be signed and certified as required by Monitoring and Reporting Requirements No. 10.

As provided by state law, the permittee is subject to administrative, civil and criminal penalties, as applicable, for negligently or knowingly violating the Clean Water Act; TWC Chapters 26, 27, and 28; and THSC 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 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 use and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503), monitoring and reporting records, including strip charts and records of calibration and maintenance, copies of all records required by this permit, records of all data used to complete the application for this permit, and the certification required by 40 CFR §264.73(b)(9) shall be retained at the facility site, or shall be readily available for review by a TCEQ representative for a period of three years from the date of the record or sample, measurement, report, application or certification. This period shall be extended at the request of the Executive Director.

   c. Records of monitoring activities shall include the following:

      i. date, time, and place of sample or measurement;
      ii. identity of individual who collected the sample or made the measurement;
      iii. date and time of analysis;
      iv. identity of the individual and laboratory who performed the analysis;
      v. the technique or method of analysis; and
      vi. the results of the analysis or measurement and quality assurance/quality control records.

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

4. Additional Monitoring by Permittee

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

5. Calibration of Instruments

   All automatic flow measuring or recording devices and all totalizing meters for measuring flows shall be accurately calibrated by a trained person at plant start-up and as often thereafter as

necessary to ensure accuracy, but not less often than annually unless authorized by the Executive Director for a longer period. Such person shall verify in writing that the device is operating properly and giving accurate results. Copies of the verification shall be retained at the facility site 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 that may endanger human health or safety, or the environment shall be reported by the permittee to the TCEQ. Report of such information shall be provided orally or by facsimile transmission (FAX) to the Regional Office within 24 hours of becoming aware of the noncompliance. A written submission of such information shall also be provided by the permittee to the Regional Office and the Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. For Publicly Owned Treatment Works (POTWs), effective September 1, 2020, the permittee must submit the written report for unauthorized discharges and unanticipated bypasses that exceed any effluent limit in the permit using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.

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

i. unauthorized discharges as defined in Permit Condition 2(g).
ii. any unanticipated bypass that exceeds any effluent limitation in the permit.
iii. violation of a permitted maximum daily discharge limitation for pollutants listed specifically in the Other Requirements section of an Industrial TPDES permit.

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

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

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

9. Changes in Discharges of Toxic Substances

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

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

i. five hundred micrograms per liter (500 µg/L);
ii. one milligram per liter (1 mg/L) for antimony;
iii. ten (10) times the maximum concentration value reported for that pollutant in the permit application; or
iv. the level established by the TCEQ.

10. Signatories to Reports

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

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

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

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

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

i. the quality and quantity of effluent introduced into the POTW; and
ii. any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

PERMIT CONDITIONS

1. General

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

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

i. violation of any terms or conditions of this permit;
ii. obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
iii. a change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

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

2. Compliance

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

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

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

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

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

   f. A permit may be amended, suspended and reissued, or revoked for cause in accordance with 30 TAC §§305.62 and 305.66 and TWC §7.302. The filing of a request by the permittee for a permit amendment, suspension and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

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

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

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

3. Inspections and Entry

   a. Inspection and entry shall be allowed as prescribed in the TWC Chapters 26, 27, and 28, and THSC 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 TWC §7.002. The statement above, that Commission entry shall occur in accordance with an establishment's rules and regulations concerning safety, internal security, and fire protection, is not grounds for denial or restriction of entry to any part of the facility, but merely describes the Commission's duty to observe appropriate rules and regulations during an inspection.

4. Permit Amendment or Renewal

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

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

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

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

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

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

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

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

   f. If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under CWA §307(a) for a toxic pollutant that is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition. The permittee shall comply with effluent standards or prohibitions established under CWA §307(a) for toxic pollutants within the time provided in the regulations that established those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

5. Permit Transfer

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

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

6. Relationship to Hazardous Waste Activities

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

7. Relationship to Water Rights

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

8. Property Rights

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

9. Permit Enforceability

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

10. Relationship to Permit Application

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

11. Notice of Bankruptcy.

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

i. the permittee;
ii. an entity (as that term is defined in 11 USC, §101(15)) 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 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 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, or retention of inadequately treated wastewater.

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

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

7. Documentation

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

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

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

      If in the judgment of the Executive Director the population to be served will not cause permit noncompliance, then the requirement of this section may be waived. To be effective, any waiver must be in writing and signed by the Director of the Enforcement Division (MC 149) of the Commission, and such waiver of these requirements will be reviewed upon expiration of the existing permit; however, any such waiver shall not be interpreted as condoning or excusing any violation of any permit parameter.

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

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

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

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

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

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

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

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

d. Construction of any industrial solid waste management unit requires the prior written notification of the proposed activity to the Registration and Reporting Section (MC 129) of the Permitting and 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.

12. 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 THSC Code Chapter 361.

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OTHER REQUIREMENTS

1. Violations of daily maximum limitations for the following pollutants shall be reported orally or by facsimile to TCEQ Region 5 within 24 hours from the time the permittee becomes aware of the violation, followed by a written report within five working days to TCEQ Region 5 and the Enforcement Division (MC 224):

METALS	
Pollutant	**MAL* (mg/L)**
Zinc (Total)	0.005

*Minimum Analytical Level

Test methods utilized shall be sensitive enough to demonstrate compliance with the permit effluent limitations. Permit compliance/noncompliance determinations will be based on the effluent limitations contained in this permit, with consideration given to the MAL for the parameters specified above.

METALS	
Pollutant	**MAL (mg/L)**
Chromium (Hexavalent)	0.003
Copper (Total)	0.002
Lead (Total)	0.0005
Mercury (Total)	0.000005

When an analysis of an effluent sample for any of the parameters listed above indicates no detectable levels above the MAL and the test method detection level is as sensitive as the specified MAL, a value of zero (0) shall be used for that measurement when making calculations for the self-reporting form. This applies to determinations of daily maximum concentration, calculations of loading and daily averages, and other reportable results.

When a reported value is zero (0) based on this MAL provision, the permittee shall submit the following statement with the self-reporting form either as a separate attachment to the form or as a statement in the comments section of the form:

> "The reported value(s) of zero (0) for [list parameter(s)] on the self-reporting form for [monitoring period date range] is based on the following conditions: 1) the analytical method used had a method detection level as sensitive as the MAL specified in the permit, and 2) the analytical results contained no detectable levels above the specified MAL."

When an analysis of an effluent sample for a parameter indicates no detectable levels and the test method detection level is not as sensitive as the MAL specified in the permit, or an MAL is not specified in the permit for that parameter, the level of detection achieved shall be used for that measurement when making calculations for the self-reporting form. A zero (0) may not be used.

2. A plant operator holding a valid Class B certificate of competency or higher, issued pursuant to 30 TAC Chapter 30, shall be on-site at the Southwest Plant whenever wastewater from the poultry processing plant is received. The certified operator shall conduct a daily visual inspection of the treatment facility. Records of these inspections shall be maintained on a weekly basis and be available at the plant site for inspection by authorized representatives of the TCEQ for a minimum period of three years.

3. The permittee shall maintain at all times a minimum of 24-inches of freeboard in the sludge lagoon.

4. The permittee shall maintain a measuring device in the sludge lagoon. The permittee shall monitor and record the level of the sludge lagoon daily, beginning upon date of permit issuance and continuing for at least one year after date of permit issuance. The records shall be maintained weekly and be available at the plant site for at least three years for inspection by authorized representatives of the TCEQ.

5. Chronic toxic criteria apply at the edge of the mixing zone. The mixing zone is defined as 300 feet downstream and 100 feet upstream from the point where the discharge reaches Tankersley Creek.

6. A wastewater treatment plant unit may not be located within the 100-year floodplain unless the plant is protected from inundation and damage that may occur during such flood event.

7. The discharge shall not contain feathers, hair, stringers, animal parts, or paunch manure in the effluent.

8. Best Management Practices (BMPs):

   A. An operation and maintenance manual shall be available at the facility and shall cover the recommended routine operation procedures and maintenance practices for the entire wastewater treatment facility. In addition to covering routine operation procedures and maintenance practices, the manual shall include, but is not limited to the following:

      i. Procedures which will maximize wastewater treatment in a way which optimizes effluent quality.
      ii. Recommendations for specific operational adjustments to wastewater processing which would be necessary as a result of significant changes in production or influent wastewater loading.
      iii. Operation or maintenance procedures which account for stormwater contributions that may affect the wastewater treatment facility or may affect on-site solid waste management.
      iv. Operations procedures for the on-site management of residuals or solid waste generated from wastewater treatment, which will prevent the creation of nuisances and ensure that unintentional releases do not occur which could pose adverse impacts to surface water or could cause contamination of soil or groundwater resources.
      v. Procedures which will prevent the creation of nuisances to the greatest extent practicable from wastewater treatment units while being operated, undergoing maintenance, or while out of service.

   B. The permittee shall operate and maintain the wastewater treatment facility according to the operation procedures and maintenance practices manual.

9. Nutrients from the permittee discharge via Outfall 001 or other controllable sources shall not cause excessive growth of aquatic vegetation which impairs an existing, attainable, or designated use.

10. The sludge from the treatment process shall be digested, dewatered and disposed of in accordance with all the applicable rules of the TCEQ. The permittee shall ensure that the disposal of sludge does not cause any contamination of the ground or surface waters in the state. The permittee shall keep records of all sludge removed from the wastewater treatment plant site. Such records will include the following information:

    A. Volume of sludge disposed
    B. Date of disposal
    C. Identity of hauler

D. Location of disposal site
E. Method of final disposal

The above records shall be maintained on a monthly basis and be available at the plant site for inspection by authorized representatives of the TCEQ for at least three (3) years.

11. The annual maximum load of total phosphorus discharged via Outfall 001 shall not exceed 44,100 lbs/year. This limit is consistent with the required phosphorus load reductions identified in the TCEQ document *Implementation Plan for One Total Maximum Daily Loads for Dissolved Oxygen in Lake O' the Pines Segment 0403*, approved July 9, 2009 (I-Plan) to ensure compliance with the TMDL for Dissolved Oxygen in Lake O' the Pines Segment No. 0403.

Annual maximum load is defined as the total of all total phosphorus determinations taken within a period of 12 consecutive preceding months. It is calculated by adding the individual measurements together and taken during the previous 365-day period. The first load is calculated based on the number of measurements taken during the first month the permit goes into effect. The second reported load is calculated based on the number of measurements taken during the first and second month the permit is in effect. This calculation procedure will continue for a total of 12 months. When the permittee has a total of 13 months of data, then the first month of data will be dropped from the calculation and the 13th month of data will be included. This procedure will be followed for the life of the permit.

12. Pond Requirements

A. This subparagraph is intentionally left blank.

B. An **existing** wastewater pond must be maintained to meet or exceed the original approved design and liner requirements; or, in the absence of original approved requirements, must be maintained to prevent unauthorized discharge of wastewater into or adjacent to water in the state. The permittee shall maintain copies of all liner construction and testing documents at the facility or in a reasonably accessible location and make the information available to the executive director upon request.

C. A **new** wastewater pond constructed after the issuance date of this permit must be lined in compliance with one of the following requirements if it will contain process wastewater as defined in 40 CFR §122.2. The executive director will review ponds that will contain only non-process wastewater on a case-by case basis to determine whether the pond must be lined. If a pond will contain only non-process wastewater, the owner shall notify the Industrial Permits Team (MC 148) to obtain a written determination at least 90 days before the pond is placed into service. The permittee must submit all information about the proposed pond contents that is reasonably necessary for the executive director to make a determination. If the executive director determines that a pond does not need to be lined, then the pond is exempt from C1 through C3 and D through G of POND REQUIREMENTS.

A wastewater pond that only contains domestic wastewater must comply with the design requirements in 30 TAC Chapter 217 and 30 TAC §309.13(d) in lieu of items C.1. through C.3. of this subparagraph.

(1) Soil liner: The soil liner must contain clay-rich soil material (at least 30% of the liner material passing through a #200 mesh sieve, liquid limit greater than or equal to 30, and plasticity index greater than or equal to 15) that completely covers the sides and bottom of the pond. The liner material must be compacted in lifts of no more than 8 inches to 95% standard proctor density at the optimum moisture content in accordance with ASTM D698 to achieve a

permeability less than or equal to 1×10^{-7} (≤ 0.0000001) cm/sec. The liner must be at least 3.0 feet thick.

(2) Synthetic membrane: The liner must be a synthetic membrane liner at least 40 mils in thickness that completely covers the sides and the bottom of the pond. The liner material used must be compatible with the wastewater and be resistant to degradation (e.g., from ultraviolet light, chemical reactions, wave action, erosion, etc.). The liner material must be installed and maintained in accordance with the manufacturer's guidelines. A wastewater pond with a synthetic membrane liner must include an underdrain with a leak detection and collection system.

(3) Alternate liner: The permittee shall submit plans signed and sealed by a Texas-licensed professional engineer for any other equivalently-protective pond lining method to the TCEQ Industrial Permits Team (MC-148).

D. For a pond that must be lined according to subparagraph C, the permittee shall provide certification, signed and sealed by a Texas-licensed professional engineer, stating that the completed pond lining and any required underdrain with leak detection and collection system for the pond meet the requirements in subparagraph C.1 – C.3 before using the pond. The certification shall include the following minimum details about the pond lining system: (1) pond liner type (in-situ soil, amended in-situ soil, imported soil, synthetic membrane, or alternative), (2) materials used, (3) thickness of materials, and (4) either permeability test results or a leak detection and collection system description, as applicable.

The certification must be provided to the TCEQ Water Quality Assessment Team (MC-150), Industrial Permits Team (MC-148), Compliance Monitoring Section (MC-224), and TCEQ Regional Office. A copy of the liner certification and construction details (i.e., as-built drawings, construction QA/QC documentation, and post construction testing) must be kept on-site or in a reasonably accessible location (in either hardcopy or digital format) until the pond is closed.

E. Protection and maintenance requirements for a pond subject to subparagraph B or C.

(1) The permittee shall maintain a liner to prevent the unauthorized discharge of wastewater into or adjacent to water in the state.

(2) A liner must be protected from damage caused by animals. Fences or other protective devices or measures may be used to satisfy this requirement.

(3) The permittee shall maintain the structural integrity of the liner and shall keep the liner and embankment free of woody vegetation, animal burrows, and excessive erosion.

(4) The permittee shall inspect each pond liner and each leak detection system at least once per month. Evidence of damage or unauthorized discharge must be evaluated by a Texas licensed professional engineer or Texas licensed professional geoscientist within 30 days. The permittee is not required to drain an operating pond or to inspect below the waterline during these routine inspections.

a. A Texas licensed professional engineer or Texas licensed professional geoscientist must evaluate damage to a pond liner, including evidence of an unauthorized discharge without visible damage.

b. Pond liner damage must be repaired at the recommendation of a Texas licensed professional engineer or Texas licensed professional geoscientist. If the damage is significant or could result in unauthorized discharge, then the

repair must be documented and certified by a Texas licensed professional engineer. Within 60 days after a repair is completed, liner certification must be provided to the TCEQ Water Quality Assessment Team (MC-150), Compliance Monitoring Section (MC-224), and TCEQ Regional Office. A copy of the liner certification must be maintained at the facility or in a reasonably accessible location and made available to the executive director upon request.

c. A release determination and subsequent corrective action will be based on 40 CFR Part 257 or the Texas Risk Reduction Program (30 TAC Chapter 350), as applicable. If evidence indicates that an unauthorized discharge occurred, including evidence that the actual permeability exceeds the design permeability, the matter may also be referred to the TCEQ Enforcement Division to ensure the protection of the public and the environment.

F. For a pond subject to subparagraph B or C, the permittee shall have a Texas licensed professional engineer perform an evaluation of each pond that requires a liner at least once every five years. The evaluation must include: (1) a physical inspection of the pond liner to check for structural integrity, damage, and evidence of leaking; (2) a review of the liner documentation for the pond; and (3) a review of all documentation related to liner repair and maintenance performed since the last evaluation. For the purposes of this evaluation, evidence of leaking also includes evidence that the actual permeability exceeds the design permeability. The permittee is not required to drain an operating pond or to inspect below the waterline during the evaluation. A copy of the engineer's evaluation report must be maintained at the facility or in a reasonably accessible location and made available to the executive director upon request.

G. For a pond subject to subparagraph B or C, the permittee shall maintain at least 2.0 feet of freeboard in the pond except when:

(1) the freeboard requirement temporarily cannot be maintained due to a large storm event that requires the additional retention capacity to be used for a limited period of time;

(2) the freeboard requirement temporarily cannot be maintained due to upset plant conditions that require the additional retention capacity to be used for treatment for a limited period of time; or

(3) the pond was not required to have at least 2.0 feet of freeboard according to the requirements at the time of construction.

13. Definitions

A. Process wastewater means any water which, during manufacturing or processing, comes into direct contact with or results from the production or use of any raw material, intermediate product, finished product, by-product, or waste product.

B. Utility wastewater includes, but is not limited to, non-contact cooling water, cooling tower blowdown, boiler blowdown, steam condensate, air conditioning condensate, and refrigeration condensate.

14. The permittee shall develop and implement a Comprehensive Total Dissolved Solids (TDS) Source Identification and Control Program to identify sources of total dissolved solids, chloride, and sulfate, and reduce the amount of these constituents in the effluent discharge to Tankersley Creek. The Comprehensive TDS Source Identification and Control Program should include BMPs for poultry processing plants, in-plant waste minimization practices, water minimization and re-use

techniques, and limited use of total dissolved solids, chloride, and sulfate. The permittee shall submit the proposed Comprehensive TDS Source Identification and Control Program to the Industrial Wastewater Team (MC 148), Water Quality Division no later than 180 days following the date of permit issuance for review and final approval.

Once written approval is received, the permittee shall implement the Comprehensive TDS Source Identification and Control Program and associated BMPs and maintain a copy of the approved Comprehensive TDS Source Identification and Control Program and associated BMPs onsite for inspection by approved TCEQ personnel until such time that the Comprehensive TDS Source Identification and Control Program and associated BMPs are incorporated into this TPDES permit in a subsequent permit action.

15. The permittee shall comply with the following schedule of activities for the attainment of water quality-based final effluent limitations for total zinc at Outfall 001:

a. Determine exceedance cause(s);
b. Develop control options;
c. Evaluate and select control mechanisms;
d. Implement corrective action; and
e. Attain final effluent limitations no later than three years from the date of permit issuance.

The permittee shall submit quarterly progress reports in accordance with the following schedule. The requirement to submit quarterly progress reports expires three years from the date of permit issuance.

PROGRESS REPORT DATE
January 1
April 1
July 1
October 1

The quarterly progress reports must include a discussion of the interim requirements that have been completed at the time of the report and must address the progress towards attaining the water quality-based final effluent limitations for total zinc at Outfall 001 no later than three years from the date of permit issuance.

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date. Any reports of noncompliance shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

All reports must be submitted to the TCEQ Region 5 Office and to the Enforcement Division (MC 224).

CHRONIC BIOMONITORING REQUIREMENTS: FRESHWATER

The provisions of this section apply to Outfall 001 for whole effluent toxicity (WET) testing.

1. Scope, Frequency, and Methodology

a. The permittee shall test the effluent for toxicity in accordance with the provisions below. Such testing will determine if an appropriately dilute effluent sample adversely affects the survival, reproduction, or growth of the test organisms.

b. The permittee shall conduct the following toxicity tests using the test organisms, procedures, and quality assurance requirements specified in this part of this permit and in accordance with "Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms," fourth edition (EPA-821-R-02-013) or its most recent update:

1) Chronic static renewal survival and reproduction test using the water flea (*Ceriodaphnia dubia*) (Method 1002.0). This test should be terminated when 60% of the surviving adults in the control produce three broods or at the end of eight days, whichever occurs first. This test shall be conducted once per quarter.

2) Chronic static renewal 7-day larval survival and growth test using the fathead minnow (*Pimephales promelas*) (Method 1000.0). A minimum of five replicates with eight organisms per replicate shall be used in the control and in each dilution. This test shall be conducted once per quarter.

The permittee must perform and report a valid test for each test species during the prescribed reporting period. An invalid test must be repeated during the same reporting period. An invalid test is defined as any test failing to satisfy the test acceptability criteria, procedures, and quality assurance requirements specified in the test methods and permit.

c. The permittee shall use five effluent dilution concentrations and a control in each toxicity test. These effluent dilution concentrations are 31%, 41%, 55%, 80%, and 98% effluent. The critical dilution, defined as 98% effluent, is the effluent concentration representative of the proportion of effluent in the receiving water during critical low flow or critical mixing conditions.

d. This permit may be amended to require a WET limit, a chemical-specific effluent limit, a best management practice, or other appropriate actions to address toxicity to the fathead minnow. The permittee may be required to conduct a sublethal toxicity reduction evaluation (TRE) after multiple toxic events.

e. At the permit issue date, the lethal NOEC effluent limitation of not less than 98% (see the EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS section) becomes effective for the water flea and the fathead minnow

f. At the permit issue date, if a test fails to pass the lethal endpoint for either test species at the 98% effluent, the testing frequency will increase to monthly for that test species until such time compliance with the NOEC effluent limitation is demonstrated for a period of three consecutive months, at which time the quarterly testing frequency may be resumed.

g. At the permit issue date, the sublethal NOEC effluent limitation of not less than 80% (see the EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS section) becomes effective for the water flea.

h. At the permit issue date, if a fails to pass the sublethal endpoint for the water flea at the 80% effluent concentration, the testing frequency will increase to monthly for that test species until such time compliance with the NOEC effluent limitation is demonstrated for a period of three consecutive months, at which time the quarterly testing frequency may be resumed

e. Testing Frequency Reduction

1) If none of the first four consecutive quarterly tests demonstrates significant toxicity, the permittee may submit this information in writing and, upon approval, reduce the testing frequency to once per six months for the invertebrate test species and once per year for the vertebrate test species.

2) If one or more of the first four consecutive quarterly tests demonstrates significant toxicity, the permittee shall continue quarterly testing for that species until this permit is reissued. If a testing frequency reduction had been previously granted and a subsequent test demonstrates significant toxicity, the permittee shall resume a quarterly testing frequency for that species until this permit is reissued.

2. Required Toxicity Testing Conditions

a. Test Acceptance - The permittee shall repeat any toxicity test, including the control and all effluent dilutions, which fail to meet the following criteria:

1) a control mean survival of 80% or greater;

2) a control mean number of water flea neonates per surviving adult of 15 or greater;

3) a control mean dry weight of surviving fathead minnow larvae of 0.25 mg or greater;

4) a control coefficient of variation percent (CV%) of 40 or less in between replicates for the young of surviving females in the water flea test; and the growth and survival endpoints in the fathead minnow test;

5) a critical dilution CV% of 40 or less for the young of surviving females in the water flea test; and the growth and survival endpoints for the fathead minnow test. However, if statistically significant lethal or nonlethal effects are exhibited at the critical dilution, a CV% greater than 40 shall not invalidate the test;

6) a percent minimum significant difference of 47 or less for water flea reproduction; and

7) a percent minimum significant difference of 30 or less for fathead minnow growth.

b. Statistical Interpretation

1) For the water flea survival test, the statistical analyses used to determine if there is a significant difference between the control and an effluent dilution shall be the Fisher's exact test as described in the manual referenced in in Part 1.b.

2) For the water flea reproduction test and the fathead minnow larval survival and growth tests, the statistical analyses used to determine if there is a significant difference between the control and an effluent dilution shall be in accordance with the manual referenced in Part 1.b.

3) The permittee is responsible for reviewing test concentration-response relationships to ensure that calculated test-results are interpreted and reported correctly. The document entitled "Method Guidance and Recommendation for Whole Effluent Toxicity (WET) Testing (40 CFR Part 136)" (EPA 821-B-00-004) provides guidance on determining the validity of test results.

4) If significant lethality is demonstrated (that is, there is a persistent significant difference in survival at the critical dilution when compared to the survival in the control), the conditions of test acceptability are met, and the survival of the test organisms are equal to or greater than 80% in the critical dilution and all dilutions below that, then the permittee shall report a survival No Observed Effect Concentration (NOEC) of not less than the critical dilution for the reporting requirements.

5) The NOEC is defined as the greatest effluent dilution at which no significant effect is demonstrated. The Lowest Observed Effect Concentration (LOEC) is defined as the lowest effluent dilution at which a significant effect is demonstrated. A significant effect is defined as a statistically significant difference between the survival, reproduction, or growth of the test organism in a specified effluent dilution when compared to the survival, reproduction, or growth of the test organism in the control.

6) The use of NOECs and LOECs assumes either a monotonic (continuous) concentration-response relationship or a threshold model of the concentration-response relationship. For any test result that demonstrates a non-monotonic (non-continuous) response, the NOEC should be determined based on the guidance manual referenced in Item 3.

7) Pursuant to the responsibility assigned to the permittee in Part 2.b.3), test results that demonstrate a non-monotonic (non-continuous) concentration-response relationship may be submitted, prior to the due date, for technical review. The guidance manual referenced in Item 3 will be used when making a determination of test acceptability.

8) TCEQ staff will review test results for consistency with rules, procedures, and permit requirements.

c. Dilution Water

1) Dilution water used in the toxicity tests must be the receiving water collected at a point upstream of the discharge point as close as possible to the discharge point but unaffected by the discharge. Where the toxicity tests are conducted on effluent discharges to receiving waters that are classified as intermittent

streams, or where the toxicity tests are conducted on effluent discharges where no receiving water is available due to zero flow conditions, the permittee shall:

a) substitute a synthetic dilution water that has a pH, hardness, and alkalinity similar to that of the closest downstream perennial water unaffected by the discharge; or

b) use the closest downstream perennial water unaffected by the discharge.

2) Where the receiving water proves unsatisfactory as a result of pre-existing instream toxicity (i.e. fails to fulfill the test acceptance criteria of Part 2.a.), the permittee may substitute synthetic dilution water for the receiving water in all subsequent tests provided the unacceptable receiving water test met the following stipulations:

a) a synthetic lab water control was performed (in addition to the receiving water control) which fulfilled the test acceptance requirements of Part 2.a;

b) the test indicating receiving water toxicity was carried out to completion (i.e., 7 days); and

c) the permittee submitted all test results indicating receiving water toxicity with the reports and information required in Part 3.

3) The synthetic dilution water shall consist of standard, moderately hard, reconstituted water. Upon approval, the permittee may substitute other appropriate dilution water with chemical and physical characteristics similar to that of the receiving water.

d. Samples and Composites

1) The permittee shall collect a minimum of three composite samples from Outfall 001. The second and third composite samples will be used for the renewal of the dilution concentrations for each toxicity test.

2) The permittee shall collect the composite samples such that the samples are representative of any periodic episode of chlorination, biocide usage, or other potentially toxic substance being discharged on an intermittent basis.

3) The permittee shall initiate the toxicity tests within 36 hours after collection of the last portion of the first composite sample. The holding time for any subsequent composite sample shall not exceed 72 hours. Samples shall be maintained at a temperature of 0-6 degrees Centigrade during collection, shipping, and storage.

4) If Outfall 001 ceases discharging during the collection of effluent samples, the requirements for the minimum number of effluent samples, the minimum number of effluent portions, and the sample holding time are waived during that sampling period. However, the permittee must have collected an effluent composite sample volume sufficient to complete the required toxicity tests with renewal of the effluent. When possible, the effluent samples used for the toxicity tests shall be collected on separate days if the discharge occurs over multiple days. The sample collection duration and the static renewal protocol

associated with the abbreviated sample collection must be documented in the full report.

3. Reporting

All reports, tables, plans, summaries, and related correspondence required in this section shall be submitted to the attention of the Standards Implementation Team (MC 150) of the Water Quality Division.

a. The permittee shall prepare a full report of the results of all tests conducted in accordance with the manual referenced in Part 1.b. for every valid and invalid toxicity test initiated whether carried to completion or not.

b. The permittee shall routinely report the results of each biomonitoring test on the Table 1 forms provided with this permit.

1) Annual biomonitoring test results are due on or before January 20th for biomonitoring conducted during the previous 12-month period.

2) Semiannual biomonitoring test results are due on or before July 20th and January 20th for biomonitoring conducted during the previous 6-month period.

3) Quarterly biomonitoring test results are due on or before April 20th, July 20th, October 20th, and January 20th for biomonitoring conducted during the previous calendar quarter.

4) Monthly biomonitoring test results are due on or before the 20th day of the month following sampling.

c. Enter the following codes for the appropriate parameters for valid tests only:

1) For the water flea, Parameter TLP3B, enter a "1" if the NOEC for survival is less than the critical dilution; otherwise, enter a "0."

2) For the water flea, Parameter TOP3B, report the NOEC for survival.

3) For the water flea, Parameter TXP3B, report the LOEC for survival.

4) For the water flea, Parameter TWP3B, enter a "1" if the NOEC for reproduction is less than the critical dilution; otherwise, enter a "0."

5) For the water flea, Parameter TPP3B, report the NOEC for reproduction.

6) For the water flea, Parameter TYP3B, report the LOEC for reproduction.

7) For the fathead minnow, Parameter TLP6C, enter a "1" if the NOEC for survival is less than the critical dilution; otherwise, enter a "0."

8) For the fathead minnow, Parameter TOP6C, report the NOEC for survival.

9) For the fathead minnow, Parameter TXP6C, report the LOEC for survival.

10) For the fathead minnow, Parameter TWP6C, enter a "1" if the NOEC for growth is less than the critical dilution; otherwise, enter a "0."

11) For the fathead minnow, Parameter TPP6C, report the NOEC for growth.

12) For the fathead minnow, Parameter TYP6C, report the LOEC for growth.

d. Enter the following codes for retests only:

1) For retest number 1, Parameter 22415, enter a "1" if the NOEC for survival is less than the critical dilution; otherwise, enter a "0."

2) For retest number 2, Parameter 22416, enter a "1" if the NOEC for survival is less than the critical dilution; otherwise, enter a "0."

e. For the water flea, the permittee shall report the lethal and sublethal WET values for the 30-day average and the 7-day minimum under Parameter No. 22414 for the appropriate reporting period. For the fathead minnow, the permittee shall report the lethal WET values for the 30-day average and the 7-day minimum under Parameter No. 22414 for the appropriate reporting period. If more than one valid test was performed during the reporting period, the NOECs will be averaged arithmetically and reported as the daily average NOEC for that test species. The data submitted should reflect the lowest toxicity test results during the reporting period.

4. Persistent Toxicity

The requirements of this part apply only when a test demonstrates a significant sublethal effect at the critical dilution and only for the fathead minnow. Significant sublethality is defined as a statistically significant difference in growth/reproduction at the critical dilution when compared to the growth/reproduction in the control.

a. The permittee shall conduct a total of 2 additional tests (retests) for any species that demonstrates a significant sublethal effect at the critical dilution. The two retests shall be conducted monthly during the next two consecutive months. The permittee shall not substitute either of the two retests in lieu of routine toxicity testing. All reports shall be submitted within 20 days of test completion. Test completion is defined as the last day of the test.

b. No more than one retest per month is required.

5. Toxicity Reduction Evaluation

a. Within 45 days of being instructed due to multiple toxic events, the permittee shall submit a general outline for initiating a sublethal TRE. The outline shall include, but not be limited to, a description of project personnel, a schedule for obtaining consultants (if needed), a discussion of influent and effluent data available for review, a sampling and analytical schedule, and a proposed TRE initiation date.

b. Within 90 days of being instructed due to multiple toxic events, the permittee shall submit a TRE action plan and schedule for conducting a TRE. The plan shall specify the approach and methodology to be used in performing the TRE. A TRE is a step-wise investigation combining toxicity testing with physical and chemical analyses to determine actions necessary to eliminate or reduce effluent toxicity to a level not effecting significant sublethality at the critical dilution. The TRE action plan should lead to the successful elimination of significant sublethality. At a minimum, the TRE action plan shall include the following:

1) Specific Activities - The TRE action plan shall specify the approach the permittee intends to utilize in conducting the TRE, including toxicity characterizations, identifications, confirmations, source evaluations, treatability studies, and alternative approaches. When conducting characterization analyses, the permittee shall perform multiple characterizations and follow the procedures specified in the document entitled "Toxicity Identification Evaluation: Characterization of Chronically Toxic Effluents, Phase I" (EPA/600/6-91/005F) or alternate procedures. The permittee shall perform multiple identifications and follow the methods specified in the documents entitled "Methods for Aquatic Toxicity Identification Evaluations: Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/080) and "Methods for Aquatic Toxicity Identification Evaluations: Phase III Toxicity Confirmation Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/081). All characterization, identification, and confirmation tests shall be conducted in an orderly and logical progression;

2) Sampling Plan - The TRE action plan should describe sampling locations, methods, holding times, chain of custody, and preservation techniques. The effluent sample volume collected for all tests shall be adequate to perform the toxicity characterization/identification/confirmation procedures and chemical-specific analyses when the toxicity tests show significant sublethality. Where the permittee has identified or suspects a specific pollutant and source of effluent toxicity, the permittee shall conduct, concurrent with toxicity testing, chemical-specific analyses for the identified and suspected pollutant and source of effluent toxicity;

3) Quality Assurance Plan - The TRE action plan should address record keeping and data evaluation, calibration and standardization, baseline tests, system blanks, controls, duplicates, spikes, toxicity persistence in the samples, randomization, reference toxicant control charts, and mechanisms to detect artifactual toxicity; and

4) Project Organization - The TRE action plan should describe the project staff, project manager, consulting engineering services (where applicable), consulting analytical and toxicological services, etc.

c. Within 30 days of submittal of the TRE action plan and schedule, the permittee shall implement the TRE.

d. The permittee shall submit quarterly TRE activities reports concerning the progress of the TRE. The quarterly reports are due on or before April 20th, July 20th, October 20th, and January 20th. The report shall detail information regarding the TRE activities including:

1) results and interpretation of any chemical-specific analyses for the identified and suspected pollutant performed during the quarter;

2) results and interpretation of any characterization, identification, and confirmation tests performed during the quarter;

3) any data and substantiating documentation which identifies the pollutant(s) and source of effluent toxicity;

4) results of any studies/evaluations concerning the treatability of the facility's effluent toxicity;

5) any data that identifies effluent toxicity control mechanisms that will reduce effluent toxicity to the level necessary to meet no significant sublethality at the critical dilution; and

6) any changes to the initial TRE plan and schedule that are believed necessary as a result of the TRE findings.

Copies of the TRE activities report shall also be submitted to the U.S. EPA Region 6 office.

e. During the TRE, the permittee shall perform, at a minimum, quarterly testing

f. The permittee shall complete the TRE and submit a final report on the TRE activities no later than 28 months from the date of being instructed to perform the sublethal TRE. The permittee may petition the Executive Director (in writing) for an extension of the 28-month limit. However, to warrant an extension the permittee must have demonstrated due diligence in its pursuit of the toxicity identification evaluation/TRE and must prove that circumstances beyond its control stalled the toxicity identification evaluation/TRE. The report shall provide information pertaining to the specific control mechanism selected that will, when implemented, result in the reduction of effluent toxicity to no significant lethality at the critical dilution. The report shall also provide a specific corrective action schedule for implementing the selected control mechanism. A copy of the TRE final report shall also be submitted to the U.S. EPA Region 6 office.

h. Based on the results of the TRE and proposed corrective actions, this permit may be amended to modify the biomonitoring requirements, where necessary, require a compliance schedule for implementation of corrective actions, specify a sublethal WET limit, specify a best management practice, and specify a chemical-specific limit.

TABLE 1 (SHEET 1 OF 4)

BIOMONITORING REPORTING

CERIODAPHNIA DUBIA SURVIVAL AND REPRODUCTION

Dates and Times Composites Collected

Date Time Date Time

No. 1 FROM: _____ TO: _____

No. 2 FROM: _____ TO: _____

No. 3 FROM: _____ TO: _____

Test initiated: _____ am/pm _____ date

Dilution water used: _____ Receiving water _____ Synthetic Dilution water

NUMBER OF YOUNG PRODUCED PER ADULT AT END OF TEST

REP	Percent effluent					
	0%	31%	41%	55%	80%	98%
A						
B						
C						
D						
E						
F						
G						
H						
I						
J						
Survival Mean						
Total Mean						
CV%*						
PMSD						

*Coefficient of Variation = standard deviation x 100/mean (calculation based on young of the surviving adults)
Designate males (M), and dead females (D), along with number of neonates (x) released prior to death.

TABLE 1 (SHEET 2 OF 4)

CERIODAPHNIA DUBIA SURVIVAL AND REPRODUCTION TEST

1. Dunnett's Procedure or Steel's Many-One Rank Test or Wilcoxon Rank Sum Test (with Bonferroni adjustment) or t-test (with Bonferroni adjustment) as appropriate:

   Is the mean number of young produced per adult significantly less than the number of young per adult in the control for the % effluent corresponding to significant nonlethal effects?

   CRITICAL DILUTION (98%): _____ YES _____ NO

PERCENT SURVIVAL

	Percent effluent					
Time of Reading	0%	31%	41%	55%	80%	98%
24h						
48h						
End of Test						

2. Fisher's Exact Test:

   Is the mean survival at test end significantly less than the control survival for the % effluent corresponding to lethality?

   CRITICAL DILUTION (98%): _____ YES _____ NO

3. Enter percent effluent corresponding to each NOEC\LOEC below:

   a.) NOEC survival = _____% effluent

   b.) LOEC survival = _____% effluent

   c.) NOEC reproduction = _____% effluent

   d.) LOEC reproduction = _____% effluent

TABLE 1 (SHEET 3 OF 4)

BIOMONITORING REPORTING

FATHEAD MINNOW LARVAE GROWTH AND SURVIVAL

		Date Time		Date Time
Dates and Times Composites Collected	No. 1 FROM:	_____	TO:	_____
	No. 2 FROM:	_____	TO:	_____
	No. 3 FROM:	_____	TO:	_____

Test initiated: _____ am/pm _____ date

Dilution water used: _____ Receiving water _____ Synthetic dilution water

FATHEAD MINNOW GROWTH DATA

Effluent Concentration	Average Dry Weight in replicate chambers					Mean Dry Weight	CV%*
	A	B	C	D	E		
0%							
31%							
41%							
55%							
80%							
98%							
PMSD							

* Coefficient of Variation = standard deviation x 100/mean

1. Dunnett's Procedure or Steel's Many-One Rank Test or Wilcoxon Rank Sum Test (with Bonferroni adjustment) or t-test (with Bonferroni adjustment) as appropriate:

   Is the mean dry weight (growth) at 7 days significantly less than the control's dry weight (growth) for the % effluent corresponding to significant nonlethal effects?

   CRITICAL DILUTION (98%): _____ YES _____ NO

TABLE 1 (SHEET 4 OF 4)

BIOMONITORING REPORTING

FATHEAD MINNOW GROWTH AND SURVIVAL TEST

FATHEAD MINNOW SURVIVAL DATA

Effluent Concentration	Percent Survival in replicate chambers					Mean percent survival			CV%*
	A	B	C	D	E	24h	48h	7 day	
0%									
31%									
41%									
55%									
80%									
98%									

* Coefficient of Variation = standard deviation x 100/mean

2. Dunnett's Procedure or Steel's Many-One Rank Test or Wilcoxon Rank Sum Test (with Bonferroni adjustment) or t-test (with Bonferroni adjustment) as appropriate:

   Is the mean survival at 7 days significantly less than the control survival for the % effluent corresponding to lethality?

   CRITICAL DILUTION (98%): _____ YES _____ NO

3. Enter percent effluent corresponding to each NOEC\LOEC below:

   a.) NOEC survival = _____% effluent

   b.) LOEC survival = _____% effluent

   c.) NOEC growth = _____% effluent

   d.) LOEC growth = _____% effluent

24-HOUR ACUTE BIOMONITORING REQUIREMENTS: FRESHWATER

The provisions of this section apply to Outfall 001 for whole effluent toxicity (WET) testing.

1. Scope, Frequency, and Methodology

a. The permittee shall test the effluent for lethality in accordance with the provisions in this section. Such testing will determine compliance with Texas Surface Water Quality Standard 30 TAC § 307.6(e)(2)(B), which requires greater than 50% survival of the appropriate test organisms in 100% effluent for a 24-hour period.

b. The toxicity tests specified shall be conducted once per six months. The permittee shall conduct the following toxicity tests using the test organisms, procedures, and quality assurance requirements specified in this section of the permit and in accordance with "Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms," fifth edition (EPA-821-R-02-012) or its most recent update:

1) Acute 24-hour static toxicity test using the water flea (*Daphnia pulex* or *Ceriodaphnia dubia*). A minimum of five replicates with eight organisms per replicate shall be used in the control and each dilution.

2) Acute 24-hour static toxicity test using the fathead minnow (*Pimephales promelas*). A minimum of five replicates with eight organisms per replicate shall be used in the control and each dilution.

The permittee must perform and report a valid test for each test species during the prescribed reporting period. An invalid test must be repeated during the same reporting period. An invalid test is defined as any test failing to satisfy the test acceptability criteria, procedures, and quality assurance requirements specified in the test methods and permit.

c. In addition to an appropriate control, a 100% effluent concentration shall be used in the toxicity tests. The control and dilution water shall consist of standard, synthetic, moderately hard, reconstituted water.

d. This permit may be amended to require a WET limit, a best management practice, a chemical-specific limit, or other appropriate actions to address toxicity. The permittee may be required to conduct a toxicity reduction evaluation (TRE) after multiple toxic events.

2. Required Toxicity Testing Conditions

a. Test Acceptance – The permittee shall repeat any toxicity test, including the control, if the control fails to meet a mean survival equal to or greater than 90%.

b. Dilution Water - In accordance with Part 1.c., the control and dilution water shall consist of standard, synthetic, moderately hard, reconstituted water.

c. Samples and Composites

1) The permittee shall collect one composite sample from Outfall 001.

2) The permittee shall collect the composite sample such that the sample is representative of any periodic episode of chlorination, biocide usage, or other potentially toxic substance being discharged on an intermittent basis.

3) The permittee shall initiate the toxicity tests within 36 hours after collection of the last portion of the composite sample. The sample shall be maintained at a temperature of 0-6 degrees Centigrade during collection, shipping, and storage.

4) If Outfall 001 ceases discharging during the collection of the effluent composite sample, the requirements for the minimum number of effluent portions are waived. However, the permittee must have collected a composite sample volume sufficient for completion of the required test. The abbreviated sample collection, duration, and methodology must be documented in the full report.

3. Reporting

All reports, tables, plans, summaries, and related correspondence required in this section shall be submitted to the attention of the Standards Implementation Team (MC 150) of the Water Quality Division.

a. The permittee shall prepare a full report of the results of all tests conducted pursuant to this permit in accordance with the manual referenced in Part 1.b. for every valid and invalid toxicity test initiated.

b. The permittee shall routinely report the results of each biomonitoring test on the Table 2 forms provided with this permit.

1) Semiannual biomonitoring test results are due on or before July 20th and January 20th for biomonitoring conducted during the previous 6-month period.

2) Quarterly biomonitoring test results are due on or before April 20th, July 20th, and October 20th, and January 20th for biomonitoring conducted during the previous calendar quarter.

c. Enter the following codes for the appropriate parameters for valid tests only:

1) For the water flea, Parameter TIE3D, enter a "0" if the mean survival at 24 hours is greater than 50% in the 100% effluent dilution; if the mean survival is less than or equal to 50%, enter "1."

2) For the fathead minnow, Parameter TIE6C, enter a "0" if the mean survival at 24 hours is greater than 50% in the 100% effluent dilution; if the mean survival is less than or equal to 50%, enter "1."

d. Enter the following codes for retests only:

1) For retest number 1, Parameter 22415, enter a "0" if the mean survival at 24 hours is greater than 50% in the 100% effluent dilution; if the mean survival is less than or equal to 50%, enter "1."

2) For retest number 2, Parameter 22416, enter a "0" if the mean survival at 24 hours is greater than 50% in the 100% effluent dilution; if the mean survival is less than or equal to 50%, enter "1."

4. Persistent Mortality

The requirements of this part apply when a toxicity test demonstrates significant lethality, which is defined as a mean mortality of 50% or greater of organisms exposed to the 100% effluent concentration for 24 hours.

a. The permittee shall conduct 2 additional tests (retests) for each species that demonstrates significant lethality. The two retests shall be conducted once per week for 2 weeks. Five effluent dilution concentrations in addition to an appropriate control shall be used in the retests. These effluent concentrations are 6%, 13%, 25%, 50%, and 100% effluent. The first retest shall be conducted within 15 days of the laboratory determination of significant lethality. All test results shall be submitted within 20 days of test completion of the second retest. Test completion is defined as the 24th hour.

b. If one or both of the two retests specified in Part 4.a. demonstrates significant lethality, the permittee shall initiate the TRE requirements as specified in Part 5.

5. Toxicity Reduction Evaluation

a. Within 45 days of the retest that demonstrates significant lethality, the permittee shall submit a general outline for initiating a TRE. The outline shall include, but not be limited to, a description of project personnel, a schedule for obtaining consultants (if needed), a discussion of influent and effluent data available for review, a sampling and analytical schedule, and a proposed TRE initiation date.

b. Within 90 days of the retest that demonstrates significant lethality, the permittee shall submit a TRE action plan and schedule for conducting a TRE. The plan shall specify the approach and methodology to be used in performing the TRE. A TRE is a step-wise investigation combining toxicity testing with physical and chemical analyses to determine actions necessary to eliminate or reduce effluent toxicity to a level not effecting significant lethality at the critical dilution. The TRE action plan shall lead to the successful elimination of significant lethality for both test species defined in Part 1.b. At a minimum, the TRE action plan shall include the following:

1) Specific Activities - The TRE action plan shall specify the approach the permittee intends to utilize in conducting the TRE, including toxicity characterizations, identifications, confirmations, source evaluations, treatability studies, and alternative approaches. When conducting characterization analyses, the permittee shall perform multiple characterizations and follow the procedures specified in the document entitled "Methods for Aquatic Toxicity Identification Evaluations: Phase I Toxicity Characterization Procedures" (EPA/600/6-91/003) or alternate procedures. The permittee shall perform multiple identifications and follow the methods specified in the documents entitled "Methods for Aquatic Toxicity Identification Evaluations: Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/080) and "Methods for Aquatic Toxicity Identification Evaluations: Phase III Toxicity Confirmation Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/081). All characterization, identification, and confirmation tests shall be conducted in an orderly and logical progression;

2) Sampling Plan - The TRE action plan should describe sampling locations, methods, holding times, chain of custody, and preservation techniques. The effluent sample volume collected for all tests shall be adequate to perform the

toxicity characterization/identification/confirmation procedures and chemical-specific analyses when the toxicity tests show significant lethality. Where the permittee has identified or suspects a specific pollutant and source of effluent toxicity, the permittee shall conduct, concurrent with toxicity testing, chemical-specific analyses for the identified and suspected pollutant and source of effluent toxicity;

3) Quality Assurance Plan - The TRE action plan should address record keeping and data evaluation, calibration and standardization, baseline tests, system blanks, controls, duplicates, spikes, toxicity persistence in the samples, randomization, reference toxicant control charts, and mechanisms to detect artifactual toxicity; and

4) Project Organization - The TRE Action Plan should describe the project staff, manager, consulting engineering services (where applicable), consulting analytical and toxicological services, etc.

c. Within 30 days of submittal of the TRE action plan and schedule, the permittee shall implement the TRE.

d. The permittee shall submit quarterly TRE activities reports concerning the progress of the TRE. The quarterly TRE Activities Reports are due on or before April 20th, July 20th, October 20th, and January 20th. The report shall detail information regarding the TRE activities including:

1) results and interpretation of any chemical-specific analyses for the identified and suspected pollutant performed during the quarter;

2) results and interpretation of any characterization, identification, and confirmation tests performed during the quarter;

3) any data and substantiating documentation that identifies the pollutant and source of effluent toxicity;

4) results of any studies/evaluations concerning the treatability of the facility's effluent toxicity;

5) any data that identifies effluent toxicity control mechanisms that will reduce effluent toxicity to the level necessary to eliminate significant lethality; and

6) any changes to the initial TRE plan and schedule that are believed necessary as a result of the TRE findings.

Copies of the TRE activities report shall also be submitted to the U.S. EPA Region 6 office.

e. During the TRE, the permittee shall perform, at a minimum, quarterly testing using the more sensitive species. Testing for the less sensitive species shall continue at the frequency specified in Part 1.b.

f. If the effluent ceases to effect significant lethality, i.e., there is a cessation of lethality, the permittee may end the TRE. A cessation of lethality is defined as no significant lethality for a period of 12 consecutive weeks with at least weekly testing. At the end of the 12 weeks, the permittee shall submit a statement of intent to cease the TRE and may then resume the testing frequency specified in Part 1.b.

This provision accommodates situations where operational errors and upsets, spills, or sampling errors triggered the TRE, in contrast to a situation where a single toxicant or group of toxicants cause lethality. This provision does not apply as a result of corrective actions taken by the permittee. Corrective actions are defined as proactive efforts that eliminate or reduce effluent toxicity. These include, but are not limited to, source reduction or elimination, improved housekeeping, changes in chemical usage, and modifications of influent streams and effluent treatment.

The permittee may only apply this cessation of lethality provision once. If the effluent again demonstrates persistent lethality to the same species, the permit will be amended to add a WET limit with a compliance period, if appropriate. However, prior to the effective date of the WET limit, the permittee may apply for a permit amendment removing and replacing the WET limit with an alternate toxicity control measure by identifying and confirming the toxicant and an appropriate control measure.

g. The permittee shall complete the TRE and submit a final report on the TRE activities no later than 18 months from the last test day of the retest that demonstrates significant lethality. The permittee may petition the Executive Director (in writing) for an extension of the 18-month limit. However, to warrant an extension the permittee must have demonstrated due diligence in its pursuit of the toxicity identification evaluation/TRE and must prove that circumstances beyond its control stalled the toxicity identification evaluation/TRE. The report shall specify the control mechanism that will, when implemented, reduce effluent toxicity as specified in Part 5.h. The report shall also specify a corrective action schedule for implementing the selected control mechanism. A copy of the TRE final report shall also be submitted to the U.S. EPA Region 6 office.

h. Within 3 years of the last day of the test confirming toxicity, the permittee shall comply with 30 TAC § 307.6(e)(2)(B), which requires greater than 50% survival of the test organism in 100% effluent at the end of 24-hours. The permittee may petition the Executive Director (in writing) for an extension of the 3-year limit. However, to warrant an extension the permittee must have demonstrated due diligence in its pursuit of the toxicity identification evaluation/TRE and must prove that circumstances beyond its control stalled the toxicity identification evaluation/TRE.

The permittee may be exempted from complying with 30 TAC § 307.6(e)(2)(B) upon proving that toxicity is caused by an excess, imbalance, or deficiency of dissolved salts. This exemption excludes instances where individually toxic components (e.g., metals) form a salt compound. Following the exemption, this permit may be amended to include an ion-adjustment protocol, alternate species testing, or single species testing.

i. Based upon the results of the TRE and proposed corrective actions, this permit may be amended to modify the biomonitoring requirements where necessary, require a compliance schedule for implementing corrective actions, specify a WET limit, specify a best management practice, and specify a chemical-specific limit.

TABLE 2 (SHEET 1 OF 2)

WATER FLEA SURVIVAL

GENERAL INFORMATION

	Time	Date
Composite Sample Collected		
Test Initiated		

PERCENT SURVIVAL

Time	Rep	Percent effluent					
		0%	6%	13%	25%	50%	100%
24h	A						
	B						
	C						
	D						
	E						
	MEAN*						

Enter percent effluent corresponding to the LC50 below:

24 hour LC50 = _____% effluent

TABLE 2 (SHEET 2 OF 2)

FATHEAD MINNOW SURVIVAL

GENERAL INFORMATION

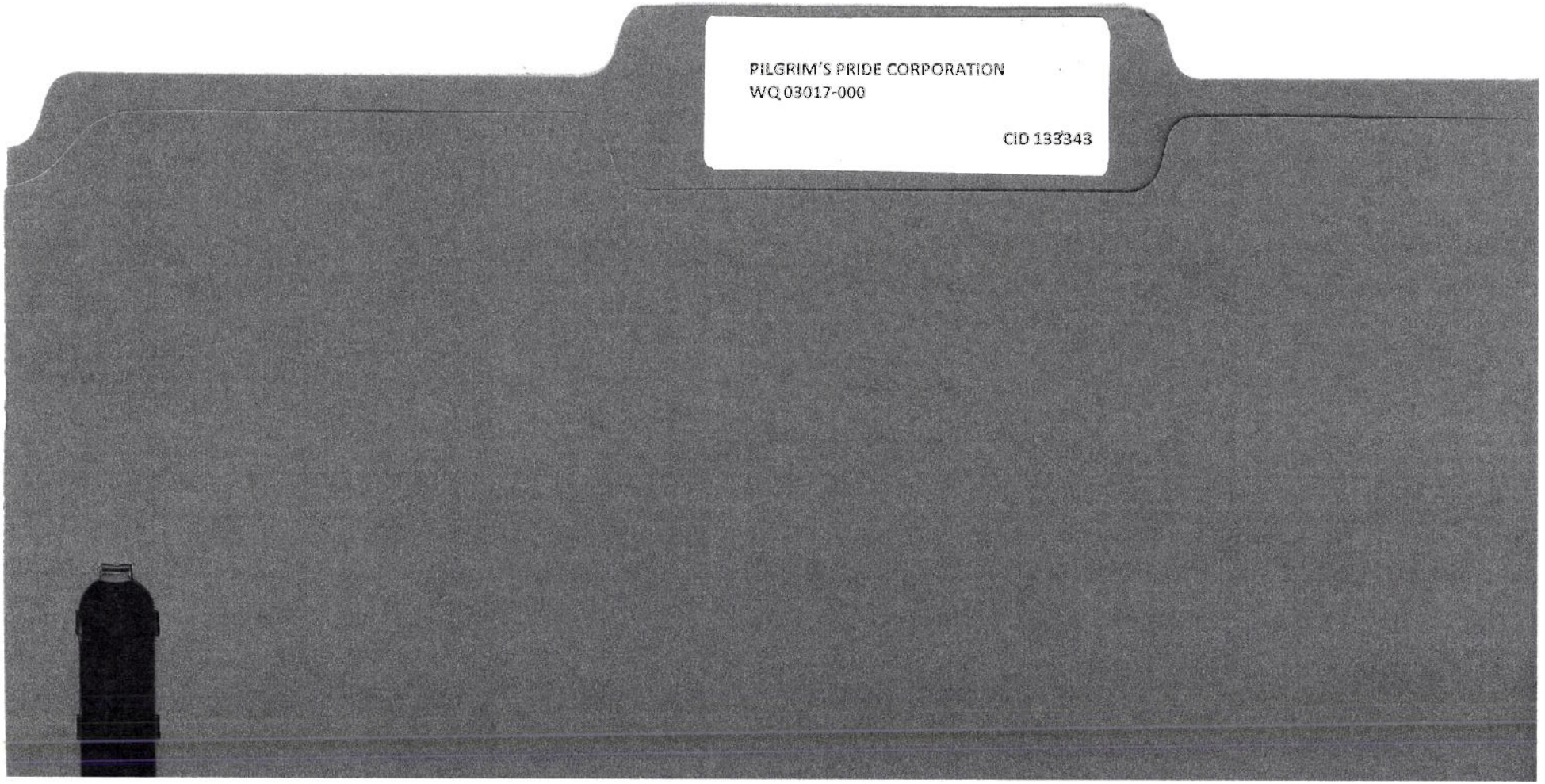
	Time	Date
Composite Sample Collected		
Test Initiated		

PERCENT SURVIVAL

Time	Rep	Percent effluent					
		0%	6%	13%	25%	50%	100%
24h	A						
	B						
	C						
	D						
	E						
	MEAN						

Enter percent effluent corresponding to the LC50 below:

24 hour LC50 = _____% effluent


PILGRIM'S PRIDE CORPORATION
WQ 03017-000
CID 133343

Misty Botello

From: PUBCOMMENT-OCC
Sent: Tuesday, September 5, 2023 11:20 AM
To: PUBCOMMENT-OCC2; PUBCOMMENT-OPIC; PUBCOMMENT-ELD; PUBCOMMENT-WQ
Subject: FW: Public comment on Permit Number WQ0003017000

From: lao@caddolakeinstitute.org <lao@caddolakeinstitute.org>
Sent: Tuesday, September 5, 2023 9:48 AM
To: PUBCOMMENT-OCC <PUBCOMMENT-OCC@tceq.texas.gov>
Subject: Public comment on Permit Number WQ0003017000

REGULATED ENTY NAME PILGRIMS PRIDE NORTHEAST TEXAS COMPLEX WWTP

RN NUMBER: RN102184041

PERMIT NUMBER: WQ0003017000

DOCKET NUMBER:

COUNTY: TITUS

PRINCIPAL NAME: PILGRIMS PRIDE CORPORATION

CN NUMBER: CN601276660

NAME: Laura-Ashley A Overdyke

EMAIL: lao@caddolakeinstitute.org

COMPANY: Caddo Lake Institute

ADDRESS: 15600 Hwy 134 Caddo Lake National Wildlife Refuge
Karnack TX 75661

PHONE: 3185416923

FAX:

COMMENTS: Caddo Lake is Texas' only Ramsar Wetland of International Importance, ranked as Priority #1 habitat by USFWS as irreplaceable. Starting in 2012, high levels of phosphorus were detected at Caddo Lake by our independent scientists. The source was the Pilgrim's Pride facility. We strongly oppose any change to monitoring of this facility as implications for habitat surrounding it would be negative. The current monitoring allows for the opportunity for quick corrective action. Again, the 30 year old CAddo Lake Institute strongly opposes any change in monitoring frequency.

Combined NORI/NARO

WQ STANDARD MAIL LIST

APPLICANT:
MR TYSON CLARK
PILGRIMS PRIDE CORPORATION
PO BOX 1268
MOUNT PLEASANT, TX 75456-1268

Other Applicant Representatives:
MR TYSON CLARK
PILGRIMS PRIDE CORPORATION
PO BOX 1268
MOUNT PLEASANT, TX 75456-1268

MR TYSON CLARK
PILGRIMS PRIDE CORPORATION
PO BOX 1268
MOUNT PLEASANT, TX 75456-1268

PERMIT #: WQ0003017000
BASIN:
REGION: 5
COUNTY: TITUS

PERMITTEE: PILGRIMS PRIDE CORPORATION
TO BE PUBLISHED BY: MR TYSON CLARK

DATE NOTICE MAILED: 11/8/25 4pm
CCO #: 133343
NOTICE TECH INITIALS: KIMOORE

EVELYN ROSBOROUGH
USEPA REGION 6
1445 ROSS AVE STE 1200
MAIL CODE 6WQ
DALLAS TX 75202-2733
rosborough.evelyn@epa.gov
(Rosborough only gets notices with TPDES language.)

CYRUS REED PHD
LONE STAR CHAPTER SIERRA CLUB
PO BOX 4998
AUSTIN TX 78765
cyrus.reed@sierraclub.org

MYRON J HESS
1705 MARGARET ST
AUSTIN TX 78704
myron@myronhess.com

AMANDA FULLER
NATIONAL WILDLIFE FEDERATION
505 E HUNTLAND DR STE 485
AUSTIN TX 78752
fullera@nwf.org

ANNE ROGERS
COASTAL FISHERIES DIVISION – FPP
TEXAS PARKS AND WILDLIFE
INTERAGENCY MAIL
wqnotice@tpwd.state.tx.us

SARA THORNTON
LLOYD GOSSELINK ROCHELLE & TOWNSEND
816 CONGRESS AVE STE 1900
AUSTIN TX 78701
sthornton@lglawfirm.com

RAILROAD COMMISSION OF TEXAS
TECHNICAL PERMITTING, ENVIRONMENTAL SUPPORT
INTERAGENCY MAIL

DONNA MCCARVER
ARCHEOLOGY DIVISION
TEXAS HISTORICAL COMMISSION
INTERAGENCY MAIL
donna.mccarver@thc.texas.gov

NICHOLE SAUNDERS
ENVIRONMENTAL DEFENSE FUND
5400 MUSKET RDG
AUSTIN, TX 78759
nsaunders@edf.org

DAVID T VILLARREAL PH.D.
ENVIRONMENTAL QUALITY PROGRAM
TEXAS DEPARTMENT OF AGRICULTURE
INTERAGENCY MAIL

HEIDI BOJES PH.D.
TEXAS DEPARTMENT OF STATE HEALTH SERVICES
INTERAGENCY MAIL
heidi.bojes@dshs.state.tx.us
(Bojes gets IHW, MSW, and WQ notices.)

LESLIE KOZA
GRANT PROGRAM AND SUPPORT DIVISION
COASTAL RESOURCES PROGRAM
TEXAS GENERAL LAND OFFICE
INTERAGENCY MAIL
federal.consistency@glo.texas.gov
(KOZA only gets notices with CMP language.)

MICHAEL BOOTH
5701 W SLAUGHTER A130-404
AUSTIN TX 78749

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

AMENDMENT

PERMIT NO. WQ0003017000

APPLICATION AND PRELIMINARY DECISION. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, which operates Pilgrim's Pride Southwest Wastewater Treatment Plant, has applied to the Texas Commission on Environmental Quality (TCEQ) for a major amendment of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0003017000 to reduce the sampling frequencies from 3/week to 1/week for Carbonaceous Biochemical Oxygen Demand, 5-day, Total Suspended Solids, Biochemical Oxygen Demand, 5-day, Ammonia, Total Nitrogen, Conductivity, Oil and Grease, and *E. coli*. The draft permit authorizes the discharge of treated process wastewater, utility wastewater, and treated domestic wastewater at a daily average flow not to exceed 3,500,000 gallons per day via Outfall 001. The TCEQ received this application on May 1, 2023.

The facility is located at 664 Farm-to-Market Road 127 West, near the City of Mount Pleasant, Titus County, Texas 75455. 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=-94.995555,33.138888&level=18

The effluent is discharged to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin in Segment No. 0404 of the Cypress Creek Basin. The unclassified receiving water uses are high aquatic life use for Tankersley Creek. The designated uses for Segment No. 0404 are secondary contact recreation and intermediate aquatic life use.

In accordance with Title 30 Texas Administrative Code Section 307.5 and TCEQ's *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010), an antidegradation review of the receiving waters was performed. A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action. Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Tankersley Creek and Segment No. 0404, which have been identified as having high and intermediate aquatic life uses, respectively. Existing uses will be maintained and protected. The preliminary determination can be reexamined and may be modified if new information is received.

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 the City of Mount Pleasant, Texas Public Library, 601 North Madison Avenue, Mount Pleasant, Texas.

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

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 written or oral comment or to ask questions about the application. Generally, the 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 public comments, the Executive Director will consider the comments and prepare a response to all relevant and material, or significant public comments. **The response to comments, along with the Executive Director's decision on the application, will be mailed to everyone who submitted public comments or who requested to be on a 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.**

EXECUTIVE DIRECTOR ACTION. The Executive Director may issue final approval of the application unless a timely contested case hearing request or a timely 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 requests 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 added to: (1) the permanent list for a specific applicant name and permit number; and (2) the mailing list for a specific county. If you wish to be placed on the permanent and 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, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or electronically at https://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 https://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 https://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. 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 https://www.tceq.texas.gov/agency/decisions/participation/permitting-participation. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Pilgrim's Pride Corporation at the address stated above or by calling Mr. Tyson Clark, Complex Environmental Manager, at (903) 575-3176.

Issued: June 2, 2025

Comisión De Calidad Ambiental Del Estado De Texas

COMBINADO

AVISO DE RECEPCIÓN DE SOLICITUD E INTENCIÓN DE OBTENER UN PERMISO DE CALIDAD DEL AGUA (NORI)

Y

AVISO DE SOLICITUD Y DECISIÓN PRELIMINAR
PARA EL PERMISO TPDES PARA AGUAS RESIDUALES MUNICIPALES

ENMIENDA

PERMISO NÚM. WQ0003017000

SOLICITUD Y DECISION PRELIMINAR. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634 , el cual opera la Planta de Tratamiento de Aguas Residuales de Pilgrim's Pride Southwest, ha solicitado a la Comisión de Calidad Ambiental (TCEQ) para una enmienda mayor del Permiso Núm. WQ0003017000 del Sistema de Eliminación de Descargas de Contaminantes (TPDES) para reducir las frecuencias de muestreos de 3/semana a 1/semana para la demanda de oxigeno bioquimico de carbono, 5 dias, solidos suspendidos total, demanda de oxigeno bioquimico, 5 dias, amoníaco, nitrógeno total, conductividad, aceite, grasa y e. coli. El borrador de permiso autoriza la descarga de aguas residuales procesadas y tratadas, aguas residuales de empresas públicas y aguas residuales tratadas domésticas a un flujo promedio diario que no exceda 3,500,000 galones por dias via el Desagüe 001. La TCEQ recibio esta solicitud el 1ero de Mayo del 2023.

Este aviso combinado fue expedido porque el NORI original no fue publicado en un periódico con idioma alternativo (Español).

La planta esta ubicada en 664 Farm-to-Market Road 127 West cerca de la Cuidad de Mount Pleasant, en el Condado de Titus, Texas 7545. Este enlace de um mapa electronico de la ubicación general de la planta o sitio es proveido como una cortesia al público y no es part de la solicitud o aviso. Para la ubicación exacta, por favor refierase a la solicitud. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.995555,33.138888&%20level=18

El efluente es descargado al Arroyo Tankersley, luego al Arroyo Big Cypress debajo del Lago Bob Sandlin en el Segmento Núm. 0404 de la Cuenca del Arroyo Cypress. Los usos de las aguas receptoras sin clasificación son para un alto uso de vida acuatica del Arroyo Tankersley. Los usos designados para el Segemento Núm. 0404 son para recreación y un uso intermediario de vida acuatica.

De acuerdo con la 30 TAC § 307.5 y los procedimientos de implementacion de la TCEQ (Junio 2010) para las Normas de Calidad de Aguas Superficiales en Texas, fue realizada una revision de la antidegradacion de las aguas recibidas. Una revision de antidegradacion del Nivel 1 ha determinado preliminarmente que los usos de la calidad del agua existente no seran perjudicados por la accion de este permiso. Se mantendra un criteria narrativo y numerico para proteger los usos existentes. Una revision del Nivel 2 ha determinado preliminarmente que no se espera ninguna degradacion significativa en Tankersley Creek y Segmento No.0404, el cual se ha identificado que tiene que han sido identificados como de usos de vida acuatica altos e intermedios, respectivamente usos en la vida acuatica. Los usos existentes seran mantenidos y protegidos. La determinacion preliminar puede ser reexaminada y puede ser modificada, si se recibe alguna informacion nueva.

El Director Ejecutivo de la TCEQ ha completado la revision tecnica de la solicitud y ha preparado un borrador del permiso. El borrador del permiso, si es aprobado, estableceria las condiciones bajo las cuales la instalacion debe operar. El Director Ejecutivo ha tornado una decision preliminar que si este permiso es emitido, cumple con todos los requisitos normativos y legales. La solicitud del permiso, la decision preliminar del Director Ejecutivo y el borrador del permiso estan disponibles para leer y copiar en 601 North Madison Avenue, Mount Pleasant, Texas.

AVISO DE IDIOMAALTERNATIVO. El aviso de idioma alternativo en español esta disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios publicos o pedir una reunion publica sabre esta solicitud. El proposito de una reunion publica es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunion publica si el Director Ejecutivo determina que hay un grado de interes publico suficiente en la solicitud o si un legislador local lo pide. Una reunion publica no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Despues del plaza para presentar comentarios publicos, el Director Ejecutivo considerara todos los comentarios apropiados y preparara una respuesta a todo los comentarios publicos esenciales, pertinentes, o significativos. **La respuesta a los comentarios y la decision del Director Ejecutivo sobre la solicitud sera enviados por correo a todos los que presentaron un comentario publico y a las personas que estan en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso tambien proveera instrucciones para pedir una reconsideracion de la decision del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, direccion, y numero de telefono; el nombre del solicitante y numero del permiso; la ubicacion y distancia de su propiedad/ actividad con respecto a la instalacion; una descripcion especifica de la forma como usted seria afectado adversamente por el sitio de una manera no comun al publico en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el periodo de comentarios; y la declaracion "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la peticion para una audiencia de caso impugnado de parte de un grupo o asociacion, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la direccion de un miembro del grupo que seria afectado adversamente por la planta o la actividad propuesta; proveer la informacion indicada anteriormente con respecto a la ubicacion del miembro afectado y su distancia de la planta o actividad propuesta; explicar como y porque el miembro seria afectado; y explicar como los intereses que el grupo desea proteger son pertinentes al proposito del grupo.

Despues del cierre de todos los periodos de comentarios y de peticion que aplican, el Director Ejecutivo enviara la solicitud y cualquier peticion para reconsideracion o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideracion durante una reunion programada de la Comision.

La Comision solo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. **Si se concede una audiencia, el tema de la audiencia estara limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el periodo de comentarios.**

ACCION DEL DIRECTOR EJECUTIVO. El Director Ejecutivo puede emitir una aprobacion final de la solicitud a menos que exista un pedido antes del plazo de vencimiento de una audiencia administrativa de lo contencioso o se ha presentado un pedido de reconsideracion. Si un pedido ha llegado antes del plazo de vencimiento de la audiencia o el pedido de reconsideracion ha sido presentado, el Director Ejecutivo no emitira una aprobacion final sobre el permiso y enviara la solicitud y el pedido a los Comisionados de la TECQ para consideracion en una reunion programada de la Comision.

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

Todos los comentarios escritos del publico y los pedidos una reunion deben ser presentados durante los 30 dias despues de la publicacion del aviso a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or por el internet a https://www.tceq.texas.gov/goto/comment/. Tenga en cuenta que cualquier informacion personal que usted proporcione, incluyendo su nombre, numero de telefono, direccion de correo electronico y direccion fisica pasaran a formar parte del registro publico de la Agenda.

INFORMACIÓN DISPONIBLE POR INTERNET. Para detalles sobre el estatus de la solicitud, por favor visit la Base Integrada de los Comisionados en https://www.tceq.texas.gov/goto/cid/.
Busque la base usando el numero de permiso para esta solicitud el cual ha sido proveido al principio de este aviso.

CONTACTOS E INFORMACION DE LAAGENCIA. Los comentarios y solicitudes publicas deben enviarse electronicamente a https://www.tceq.texas.gov/goto/comment/ o por escrito a Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Cualquier informacion personal que envie a al TCEQ pasara a formar parte del registro de la agencia; esto incluye las direcciones de correo electronico. Para obtener mas informacion sobre esta solicitud de permiso o el proceso de permisos, llame al Programa de Educacion Publica de la TCEQ, sin cargo, al 1-800-687-4040 o visite su sitio web https://www.tceq.texas.gov/agency/decisions/participation/permitting-participation. Si desea informacion en español, puede llamar al 1-800-687-4040.

Tambien se puede obtener informacion adicional del Pilgrim's Pride Corporation a la direccion indicada arriba o llamando al Sr. Tyson Clark, Gerente Ambiental de la Planta, al (903) 575-3176.

Fecha de Expedición: 31 de octubre de 2025

AVERY 5160®
Easy Peel® Address Labels
Bend along line to expose Pop-up Edge®
Go to avery.com/templates
Use Avery Template 5160

GARRETSON JOHNNY M
947 FARM ROAD 899
MOUNT PLEASANT TX 75455-9229

TEXAS DEPT OF TRANSPORTATION
7600 WASHINGTON AVE
HOUSTON TX 77007

DOUGLAS PEGGY JEAN &
DANNY EDGAR DOUGLAS LTE
464 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455-9111

PILGRIMS PRIDE CORPORATION
1770 PROMONTORY CIRCLE
GREELEY CO 80634

MENDOZA JOSE & GABRIELA
559 CR 1314
MOUNT PLEASANT TX 75455

VILLARREAL C&M FAMILY LTD
216 MARKET AV STE 115
BOERNE TX 78006

JORGE HUMBERTO PEREZ &
PERLA RUIZ DE PEREZ
1522 SUGAR FORD WAY
JOILET IL 60433

RICHEY BIRDIE NELL
3054 VILLA SUR TRL
DALLAS TX 75228

CITY OF MT PLEASANT TEXAS
501 N MADISON
MOUNT PLEASANT TX 75455-3650

DYKE RANDALE & MCCALL
407 N MADISON AVENUE
MOUNT PLEASANT TX 75455-3948

LOPEZ GABRIEL
160 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455

MCGUIRE DEBRA GLOVER
165 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455

PMCI PROPERTIES II LP
PO BOX 1540
MT PLEASANT TX 75456-1540

GLOVER FRANK M ESTATE
165 COUNTY ROAD 2120
MOUNT PLEASANT TX 75456-0287

CALDWELL WILLIAM HARGROVE
408 REDBUD LN
MOUNT PLEASANT TX 75455-5757

CALDWELL ALFRED MYLES
1024 VZCR 1923
FRUITVALE TX 75127

CALDWELL CHARLES SARGENT JR
2370 FM 127
MOUNT PLEASANT TX 75455

WQ 0003017000

4/6

10/31/25

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THE HONORABLE BRYAN HUGHES
TEXAS SENATE
DISTRICT ROOM 3E.8
TEXAS STATE CAPITOL
Bryan.hughes@senate.texas.gov

THE HONORABLE COLE HEFNER
TEXAS HOUSE OF REPRESENTATIVES
DISTRICT ROOM E2.718

Cole.hefner@house.texas.gov

WQ0003017000

State

10/31/25

CITY OF MOUNT PLEASANT
HEALTH OFFICIAL
501 N MADISON AVE
MOUNT PLEASANT TX 75455-3650

CITY OF MOUNT PLEASANT
MAYOR
501 N MADISON AVE
MOUNT PLEASANT TX 75455-3650

City

ENVIRO RESOURCE PLA
ARK-TEX COUNCIL OF GOVT
PO BOX 5307
TEXARKANA TX 75505-5307

NORTHEAST TEXAS MUNICIPAL WATE
PO BOX 955
HUGHES SPRINGS TX 75656-0955

PUBLIC HEALTH REGIO
TEXAS DEPARTMENT OF STATE HEAL
2521 W FRONT ST
TYLER TX 75702-7708

TITUS COUNTY FRESH WATER SUPPL
PO BOX 650
MOUNT PLEASANT TX 75456-0650

TITUS COUNTY HEALTH AUTHORITY
100 W 1ST ST
MT PLEASANT TX 75455-4452

TITUS COUNTY JUDGE
COUNTY COURTHOUSE
100 W 1ST ST STE 200
MOUNT PLEASANT TX 75455-4400

US ARMY CORPS OF ENGINEERS REG
CESWS-PER-R
PO BOX 17300
FORT WORTH TX 76102-0300

FIELD SUPERVISOR
US FISH & WILDLIFE SERVICE
3233 CURTIS DR
FORT WORTH TX 76116-5100

County

ERIC ALLMON
PERALES ALLMON & ICE PC
1206 SAN ANTONIO ST
AUSTIN TX 78701-1834

MR GEOFFREY P KIRSHBAUM
TERRILL & WALDROP
810 W 10TH ST
AUSTIN TX 78701-2005

RICHARD W LOWERRE
FREDERICK PERALES ALLMON & ROCKWE
1206 SAN ANTONIO ST
AUSTIN TX 78701-1834

LAURA-ASHLEY A OVERDYKE
CADDO LAKE INSTITUTE
CADDO LAKE NATIONAL WILDLIFE REFUGE
15600 HIGHWAY 134
KARNACK TX 75661

BENNIE GAIL POWER
PO BOX 9352
MIDLAND TX 79708-9352

MR JEFFREY S REED
LLOYD GOSSELINK ROCHELLE & TOWNSEI
STE 1900
816 CONGRESS AVE
AUSTIN TX 78701-2442

MRS EDITH A SANDERS & MR A E SMITH
DBA AE RANCH
PO BOX 744
MOUNT PLEASANT TX 75456-0744

SAL SOLIS
PO BOX 398
HOUSTON TX 77001-0398

SAL GIOVANNI SOLIS
PO BOX 920648
HOUSTON TX 77292-0648

SAL GIOVANNI SOLIS
17726 SCARLETT FALLS LN
RICHMOND TX 77407-2155

WQ 0003017000 IP/PLOT 10/3/25

Kim Moore

From: Fernando Salazar Martinez
Sent: Monday, September 29, 2025 2:22 PM
To: Ruiqiang Zong
Subject: RE: Draft RTC - Pilgrim's Pride Corporation (WQ00031700)

Thanks for providing those emails!

It appears that the Applicant filed an Alternative Language Exemption for the NORI publication. However, it appears that the Applicant was able to find a Spanish newspaper (*Adolfo Cantua*) for the publication of the NAPD.

Under 30 TAC 39.426(b)(8), the Applicant may submit a waiver (i.e., the ALE form) and those requirements may be waived under 30 TAC 39.426(b)(5). However, while the Applicant submitted an ALE for the NORI but was later able to file the NAPD in Spanish, I believe there's a notice issue under 30 TAC 39.426(b)(2) the NORI was not published in Spanish after they did find an alternative language newspaper for the NAPD.

Based on my review of the email from OCC confirming that the ALE was submitted for the NORI but the Applicant was able to publish the NAPD in Spanish, I'd imagine a Combined NORI-NAPD under 30 TAC 39.405(d) will need to be filed in the *Adolfo Cantua* to remedy the notice issue. The public comment period may also need to be re-opened under 30 TAC 55.152(a)(8).

If we proceed with filing this RTC without the publication of the Spanish notice (i.e., Combined NORI-NAPD), then someone may later claim that the Applicant did not comply with the public notice requirements under 30 TAC Chapter 39. If that happens, and the notice issue is not remedied prior to issuance of the permit, then the validity of the permit's issuance could come under question.

Please let your manager know and feel free to circle back with me to discuss the next steps.

Thanks,

Fernando Salazar Martinez
Staff Attorney | Environmental Law Division
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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From: Ruiqiang Zong <Ruiqiang.Zong@tceq.texas.gov>
Sent: Monday, September 29, 2025 1:41 PM
To: Fernando Salazar Martinez <Fernando.Martinez@tceq.texas.gov>
Subject: RE: Draft RTC - Pilgrim's Pride Corporation (WQ00031700)

Yes, no Spanish NORI has been published. See the communication from OCC.
Thanks

From: Fernando Salazar Martinez <Fernando.Martinez@tceq.texas.gov>
Sent: Monday, September 29, 2025 1:26 PM
To: Ruiqiang Zong <Ruiqiang.Zong@tceq.texas.gov>
Subject: Draft RTC - Pilgrim's Pride Corporation (WQ00031700)

Good afternoon Richard,

I'm currently reviewing the draft RTC and have a question regarding the publication of the public notice, see page 2-3 of the current draft.

Under the *Procedural Background* section, it states:

> "TCEQ received this application on May 1, 2023, and declared it administratively complete on August 1, 2023. The Applicant published the Notice of Receipt and Intent to Obtain a Water Quality Permit (NORI) in English in the Mount *Pleasant Tribune* on August 9, 2023. The applicant published the Notice of Application and Preliminary Decision (NAPD) in English in the *Mount Pleasant Tribune* on June 18, 2025, and in **Spanish in the *Adolfo Cantua* on July 2, 2025**. The public comment period for this application ended on July 30, 2025."

Was the NORI also published in Spanish in the *Adolfo Cantua*? If so, could you please let me know what date it was published so I can note that in the RTC? If the NORI was not published in Spanish, or the Applicant did not publish a Combined NORI-NAPD in Spanish, there may be a public notice issue with this application under 30 TAC 39.426.

Please let me know when you get a chance, thanks!

Fernando Salazar Martinez
Staff Attorney
Office of Legal Services | Environmental Law Division
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Email: Fernando.Martinez@tceq.texas.gov
Office: (512) 239-3356

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Kim Moore

From: WQDbNAPD
Sent: Friday, October 31, 2025 3:40 PM
To: OCC-WQ
Cc: Ruiqiang Zong
Subject: KM Combined NORI/NAPD for Permit WQ0003017000
Attachments: WQ0003017000-combined-nori-napd-alt-language.pdf; WQ0003017000-combined-nori-napd-alt-language.docx; RE: Draft RTC - Pilgrim's Pride Corporation (WQ00031700)

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Red Category, Blue Category

TCEQ-OFFICE OF THE CHIEF CLERK
MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

APPLICANT NAME: Pilgrims Pride Corp
PERMIT NO.: WQ0005107000
CCO NO.: 133343 Internal Use Only
NOTICE OF APPLICATION AND PRELIMINARY DECISION

PUBLISHER'S AFFIDAVIT
FOR RENEWALS OF WATER QUALITY PERMITS

STATE OF TEXAS §
COUNTY OF Titus §

Before me, the undersigned authority, on this day personally appeared David Shabaz, who being by me duly
(name of person representing newspaper)

sworn, deposes and says that (s)he is the Publisher
(title of person representing newspaper)

of the Mt. Pleasant Tribune; that this newspaper is
(name of newspaper)

a newspaper of largest circulation in Titus County, Texas,
(name of county)

or is a newspaper of general circulation in Mt. Pleasant Texas,
(name of municipality)

and that the enclosed notice was published in said newspaper on the following date(s):
June 18th, 2025
(date or dates, of publication in the newspaper)

Newspaper Representative's Signature

Subscribed and sworn to before me this the 30th day of June,
2025, to certify which witness my and seal of office.

(Seal)

Valarie Butler
Notary Public in and for the State of Texas

VALARIE BUTLER
Notary Public
State of Texas
ID # 12951454-1
My Comm. Expires 08-06-2025

Valarie Butler
Print or Type Name of Notary Public

My Commission Expires 8/6/2025

Comisión De Calidad Ambiental Del Estado De Texas

AVISO DE LA SOLICITUD Y DECISIÓN PRELIMINAR PARA EL PERMISO DEL SISTEMA DE ELIMINACIÓN DE DESCARGAS DE CONTAMINANTES DE TEXAS (TPDES) PARA AGUAS RESIDUALES INDUSTRIALES

MODIFICACIÓN

PERMISO NO. WQ0003077000

SOLICITUD Y DECISIÓN PRELIMINAR. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) un/una: modificación principal para autorizar Reducir la frecuencia de muestreo de 3 a 1 por semana para la Demanda Bioquímica de Oxígeno Carbonoso (DBO) de 5 días, Sólidos Suspendidos Totales (SBS), Amoniaco, Nitrógeno Total, Conductividad, Aceites y Grasas, y E. coli. El proyecto de permiso autoriza la descarga de aguas residuales de procesos tratados, aguas residuales de servicios públicos y aguas residuales domésticas tratadas con un caudal promedio diario que no supere los 3,500,000 galones por día a través del Emisario 001. La TCEQ recibió esta solicitud el 1 de mayo de 2023.

La planta está ubicada en 664 Farm-to-Market Road 127 West en el Condado de Titus, Texas. El efluente tratado es descargado al Tankersley Creek en el Segmento No. 0404 de la Cuenca del Río Cypress Creek. Los usos no clasificados de las aguas receptoras con elevados usos de la vida acuática para Tankersley Creek. Los usos designados para el Segmento No.0404 son intermedios de vida acuática y recreación sin contacto.

De acuerdo con la 30 TAC §307.5 y los procedimientos de implementación de la TCEQ (Enero 2010) para las Normas de Calidad de Aguas Superficiales en Texas, fue realizada una revisión de la antidegradación de las aguas recibidas. Una revisión de antidegradación del Nivel 1 ha determinado preliminarmente que los usos de la calidad del agua existente no serán perjudicados por la acción de este permiso. Se mantendrá un criterio narrativo y numérico para proteger los usos existentes. Una revisión del Nivel 2 ha determinado preliminarmente que no se espera ninguna degradación significativa en Tankersley Creek y Segmento No.0404, el cual se ha identificado que tiene que han sido identificados como de uso de vida acuática alto e intermedios, respectivamente usos en la vida acuáticos. Los usos existentes serán mantenidos y protegidos. La determinación preliminar puede ser reexaminada y puede ser modificada, si se recibe alguna información nueva.

El Director Ejecutivo de la TCEQ ha completado la revisión técnica de la solicitud y ha preparado un borrador del permiso. El borrador del permiso, si es aprobado, establecería las condiciones bajo las cuales la instalación debe operar. El Director Ejecutivo ha tomado una decisión preliminar que si este permiso es otorgado, cumple con todos los requisitos normativos y legales. La solicitud del permiso, la decisión preliminar del Director Ejecutivo y el borrador del permiso están disponibles para leer y copiar en 800 North Madison Avenue, Mount Pleasant, Texas. La solicitud (cualquier actualización y aviso incluso) está disponible electrónicamente en la siguiente página web: https://www14.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://www14.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en https://www14.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices

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

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

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

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

ACCIÓN DEL DIRECTOR EJECUTIVO. El Director Ejecutivo puede emitir una aprobación final de la solicitud a menos que exista un pedido antes del plazo de vencimiento de una audiencia administrativa de lo contencioso o se ha presentado un pedido de reconsideración. Si un pedido ha llegado antes del plazo de vencimiento de la audiencia o el pedido de reconsideración ha sido presentado, el Director Ejecutivo no emitirá una aprobación final sobre el permiso y en cuanto la solicitud y el pedido a los Comisionados de la TCEQ para consideración en una reunión programada de la Comisión.

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

Todos los comentarios escritos del público y los pedidos una reunión deben ser presentados durante los 30 días después de la publicación del aviso a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or por el internet a www.tceq.texas.gov/about/comments.html. Tenga en cuenta que cualquier información personal que usted proporcione, incluso su nombre, números de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del **registro** público de la Agencia.

CONTACTOS E INFORMACIÓN DE LA AGENCIA. Los comentarios y solicitudes públicas deben enviarse electrónicamente a https://www14.tceq.texas.gov/epic/eComment/, o por escrito a Texas Commission on Environmental Quality, Office of the Chief Clerk, MC 105, P.O. Box 13087, Austin, Texas 78711-3087. Cualquier información personal que envíe a el TCEQ pasará a formar parte del registro de la agencia, esto incluye las direcciones de correo electrónico. Para obtener más información sobre esta solicitud de permiso o el proceso de permisos, llame al Programa de Educación Pública de la TCEQ sin cargo, al 1-800-687-4040 o visite su sitio web en **www.tceq.texas.gov/goto/pep**. Si desea información en español, puede **llamar** al 1-800-687-4040.

También se puede obtener información adicional del Pilgrim's **Pride Corporation a la dirección indicada** arriba o llamando a Tyson Clark al (903) 575-3179.

Fecha de emisión: 1 de junio de 2025

TRMC Cont. from page 1

financial and regulatory pressures, we believe this step is necessary to protect our mission, sustain our workforce, and ensure the continued presence of key services in our community."

Don Lowry, Chair of the Board of Managers, also expressed his thoughts on this matter, "We are committed to transparency throughout this journey. Our focus is on what's best for our patients, our employees, and the long term health of this region."

TRMC said they will engage with multiple potential partners, with a goal of finding a partner who will support cultural alignment, service preservation, and investment in the health of the local community.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

AMENDMENT

PERMIT NO. WQ0003077000

APPLICATION AND PRELIMINARY DECISION. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, which operates Pilgrim's Pride Southwest Wastewater Treatment Plant, has applied to the Texas Commission on Environmental Quality (TCEQ) for a major amendment of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0003077000 to reduce the sampling frequencies from 3/week to 1/week for Carbonaceous Biochemical Oxygen Demand, 5-day, Total Suspended Solids, Biochemical Oxygen Demand, 5-day, Ammonia, Total Nitrogen, Conductivity, Oil and Grease, and E. coli. The draft permit authorizes the discharge of treated process wastewater, utility wastewater, and treated domestic wastewater at a daily average flow not to exceed 3,500,000 gallons per day via Outfall 001. The TCEQ received this application on May 1, 2023.

The facility is located at 664 Farm-to-Market Road 127 West, near the City of Mount Pleasant, Titus County, Texas 75455. 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=-94.995551,33.058883&level=18

The effluent is discharged to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin in Segment No. 0404 of the Cypress Creek Basin. The unclassified receiving water uses are high aquatic life use for Tankersley Creek. The designated uses for Segment No. 0404 are intermediate aquatic life use for contact recreation and intermediate aquatic life use.

In accordance with Title 30 Texas Administrative Code Section 307.5 and TCEQ's *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010), an antidegradation review of the receiving waters was performed. A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action. Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Tankersley Creek and Segment No. 0404, which have been identified as having high and intermediate aquatic life uses, respectively. Existing uses will be maintained and protected. The preliminary determination can be reexamined and may be modified if new information is received.

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 the City of Mount Pleasant, Texas Public Library, 501 North Madison Avenue, Mount Pleasant, Texas.

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at https://www14.tceq.texas.gov/epic/eNotice/, enter text, plain language summaries, and public notices. El aviso de idioma alternativo en español está disponible en https://www14.tceq.texas.gov/epic/eNotice/, enter text, plain language summaries, and public notices.

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 written or oral comments or to ask questions about the application. Generally, the 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 public comments, the Executive Director will consider the comments and prepare a response to all relevant and material, or significant public comments. **The response to comments, along with the Executive Director's decision on the application, will be mailed to everyone who submitted public comments or who requested to be on a 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.**

EXECUTIVE DIRECTOR ACTION. The Executive Director may issue final approval of the application unless a timely contested case hearing request or a timely 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 requests 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 added to: (1) the permanent 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 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, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or electronically at https://www14.tceq.texas.gov/epic/eComment/ 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 https://www14.tceq.texas.gov/epic/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 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 https://www.tceq.texas.gov/agency/decisions/participation/permitting-participation. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Pilgrim's Pride Corporation at the address stated above or by calling Mr. Tyson Clark, Complex Environmental Manager, at (903) 575-3179.

Issued: June 2, 2025

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TCEQ-OFFICE OF THE CHIEF CLERK
MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

APPLICANT NAME: Pilgrims Pride Corp
PERMIT NO.: WQ0003017000
CCO NO.: _____ Internal Use Only
NOTICE OF APPLICATION AND PRELIMINARY DECISION

PUBLISHER'S AFFIDAVIT
FOR RENEWALS OF WATER QUALITY PERMITS

STATE OF TEXAS §
COUNTY OF Titus §

Before me, the undersigned authority, on this day personally appeared David Shabaz, who being by me duly
(name of person representing newspaper)

sworn, deposes and says that (s)he is the Publisher
(title of person representing newspaper)

of the Mt. Pleasant Tribune; that this newspaper is
(name of newspaper)

a newspaper of largest circulation in Titus County, Texas,
(name of county)

or is a newspaper of general circulation in Mt. Pleasant Texas,
(name of municipality)

and that the enclosed notice was published in said newspaper on the following date(s):
June 18th, 2025
(date or dates, of publication in the newspaper)

Newspaper Representative's Signature

Subscribed and sworn to before me this the 30th day of June,

2025, to certify which witness my and seal of office.

Valarie Butler
Notary Public in and for the State of Texas

(Seal)

VALARIE BUTLER
Notary Public
State of Texas
ID # 12951454-1
My Comm. Expires 08-06-2025

Valarie Butler
Print or Type Name of Notary Public

My Commission Expires 8/6/2025

Comisión De Calidad Ambiental Del Estado De Texas

AVISO DE LA SOLICITUD Y DECISIÓN PRELIMINAR PARA EL PERMISO DEL SISTEMA DE ELIMINACION DE DESCARGAS DE CONTAMINANTES DE TEXAS (TPDES) PARA AGUAS RESIDUALES INDUSTRIALES

MODIFICACIÓN

PERMISO NO. WQ0003017000

SOLICITUD Y DECISIÓN PRELIMINAR. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) un/una: modificación principal para autorizar Reducir la frecuencia de muestreo de 3 a 1 por semana para la Demanda Bioquímica de Oxígeno Carbonoso (DBO) de 5 días, Sólidos Suspendidos Totales (SST), Amoníaco, Nitrógeno Total, Conductividad, Aceites y Grasas, y E. coli. El proyecto de permiso autoriza la descarga de aguas residuales de procesos tratadas, aguas residuales de servicios públicos y aguas residuales domésticas tratadas con un caudal promedio diario que no supere los 3.500.000 galones por día a través del Emisario 001. La TCEQ recibió esta solicitud el 1 de mayo de 2023.

La planta está ubicada en 664 Farm-to-Market Road 127 West en el Condado de Titus, Texas. El efluente tratado se descarga al Tankersley Creek en el Segmento No. 0404 de la Cuenca del Río Cypress Creek. Los usos no clasificados de las aguas receptoras son elevados usos de la vida acuática para Tankersley Creek. Los usos designados para el Segmento No. 0404 son intermedios de vida acuática y recreación sin contacto.

De acuerdo con la 30 TAC §307.5 y los procedimientos de implementación de la TCEQ (Enero 2010) para las Normas de Calidad de Aguas Superficiales en Texas, fue realizada una revisión de la antidegradación de las aguas recibidas. Una revisión de antidegradación del Nivel 1 ha determinado preliminarmente que los usos de la calidad del agua existente no serán perjudicados por la acción de este permiso. Se mantendrá un criterio narrativo y numérico para proteger los usos existentes. Una revisión del Nivel 2 ha determinado preliminarmente que no se espera ninguna degradación significativa en Tankersley Creek y Segmento No. 0404, el cual se ha identificado que tiene que han sido identificados como de usos de vida acuática alto e intermedio, respectivamente usos en la vida acuática. Los usos existentes serán mantenidos y protegidos. La determinación preliminar puede ser reexaminada y puede ser modificada, si se recibe alguna información nueva.

El Director Ejecutivo de la TCEQ ha completado la revisión técnica de la solicitud y ha preparado un borrador del permiso. El borrador del permiso, si es aprobado, establecería las condiciones bajo las cuales la instalación debe operar. El Director Ejecutivo ha tomado una decisión preliminar que si este permiso es emitido, cumple con todos los requisitos normativos y legales. La solicitud del permiso, la decisión preliminar del Director Ejecutivo y el borrador del permiso están disponibles para leer y copiar en 601 North Madison Avenue, Mount Pleasant, Texas. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

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

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

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

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

ACCIÓN DEL DIRECTOR EJECUTIVO. El Director Ejecutivo puede emitir una aprobación final de la solicitud a menos que exista un pedido antes del plazo de vencimiento de una audiencia administrativa de lo contencioso o se ha presentado un pedido de reconsideración. Si un pedido ha llegado antes del plazo de vencimiento de la audiencia o el pedido de reconsideración ha sido presentado, el Director Ejecutivo no emitirá una aprobación final sobre el permiso y enviará la solicitud y el pedido a los Comisionados de la TCEQ para consideración en una reunión programada de la Comisión.

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

Todos los comentarios escritos del público y los pedidos una reunión deben ser presentados durante los 30 días después de la publicación del aviso a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or por el internet a www.tceq.texas.gov/about/comments.html. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia.

CONTACTOS E INFORMACIÓN DE LA AGENCIA. Los comentarios y solicitudes públicas deben enviarse electrónicamente a https://www14.tceq.texas.gov/epic/eComment/, o por escrito a Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Cualquier información personal que envíe a al TCEQ pasará a formar parte del registro de la agencia, esto incluye las direcciones de correo electrónico. Para obtener más información sobre esta solicitud de permiso o el proceso de permisos, llame al Programa de Educación Pública de la TCEQ, sin cargo, al 1-800-687-4040 o visite su sitio web en www.tceq.texas.gov/goto/pep. Si desea información en español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Pilgrim's **Pride Corporation** a la **dirección indicada** arriba o llamando a Tyson Clark al (903) 575-3176.

Fecha de emisión: 2 de junio de 2025

TRMC cont. from page 1

financial and regulatory pressures, we believe this step is necessary to protect our mission, sustain our workforce, and ensure the continued presence of key services in our community."

Dan Lowry, Chair of the Board of Managers, also expressed his thoughts on this matter. "We are committed to transparency throughout this journey. Our focus is on what's best for our patients, our employees, and the long-term health of this region."

TRMC said they will engage with multiple potential partners, with a goal of finding a partner who will support cultural alignment, service preservation, and investment in the health of the local community.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

AMENDMENT

PERMIT NO. WQ0003017000

APPLICATION AND PRELIMINARY DECISION. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, which operates *Pilgrim's Pride Southwest* Wastewater Treatment Plant, has applied to the Texas Commission on Environmental Quality (TCEQ) for a major amendment of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0003017000 to reduce the sampling frequencies from 3/week to 1/week for Carbonaceous Biochemical Oxygen Demand, 5-day, Total Suspended Solids, Biochemical Oxygen Demand, 5-day, Ammonia, Total Nitrogen, Conductivity, Oil and Grease, and E. coli. The draft permit authorizes the discharge of treated process wastewater, utility wastewater, and treated domestic wastewater at a daily average flow not to exceed 3,500,000 gallons per day via Outfall 001. The TCEQ received this application on May 1, 2023.

The facility is located at 664 Farm-to-Market Road 127 West, near the City of Mount Pleasant, Titus County, Texas 75455. 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/?markers=-94.995555,33.138888&level=18

The effluent is discharged to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin in Segment No. 0404 of the Cypress Creek Basin. The unclassified receiving water uses are high aquatic life use for Tankersley Creek. The designated uses for Segment No. 0404 are secondary contact recreation and intermediate aquatic life use.

In accordance with Title 30 Texas Administrative Code Section 307.5 and TCEQ's *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010), an antidegradation review of the receiving waters was performed. A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action. Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Tankersley Creek and Segment No. 0404, which have been identified as having high and intermediate aquatic life uses, respectively. Existing uses will be maintained and protected. The preliminary determination can be reexamined and may be modified if new information is received.

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 the City of Mount Pleasant, Texas Public Library, 601 North Madison Avenue, Mount Pleasant, Texas.

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

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 written or oral comment or to ask questions about the application. Generally, the 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 public comments, the Executive Director will consider the comments and prepare a response to all relevant and material, or significant public comments. **The response to comments, along with the Executive Director's decision on the application, will be mailed to everyone who submitted public comments or who requested to be on a 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 interest a 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.**

EXECUTIVE DIRECTOR ACTION. The Executive Director may issue final approval of the application unless a timely contested case hearing request or a timely 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 requests 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 added to: (1) the permanent list for a specific applicant name and permit number; and (2) the mailing list for a specific county. If you wish to be placed on the permanent and 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, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or electronically at https://www14.tceq.texas.gov/epic/eComment/ 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 https://www14.tceq.texas.gov/epic/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 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 https://www.tceq.texas.gov/agency/decisions/participation/permitting-participation. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Pilgrim's Pride Corporation at the address stated above or by calling Mr. Tyson Clark, Complex Environmental Manager, at (903) 575-3176.

Issued: June 2, 2025

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TCEQ-Office of the Chief Clerk
MC-105 Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

Applicant Name: Pilgrim Pride's Corporation
Permit No.: WQ0003017000
Notice of Application and Preliminary Decision

ALTERNATIVE LANGUAGE AFFIDAVIT OF PUBLICATION FOR AIR PERMITTING

STATE OF TEXAS §
COUNTY OF SMITH §

BEFORE ME, the undersigned authority, on this day personally appeared

ADOLFO CANTUA, who being by me duly sworn, deposes and says that (s)he is *(Name of Person Representing Newspaper)*

the MANAGER of the LA OPINION:
(Title of Person Representing Newspaper) *(Name of the Newspaper)*

that said newspaper is generally circulated in TITUS COUNTY, Texas:
*(The **municipality or county** in which the facility or proposed facility is located)*

that the enclosed notice was published in said newspaper on the following date(s):

JULY 2nd, 2025

(Newspaper Representative's Signature)

Subscribe and sworn to before me this the 2nd day of July, 2025
to certify which witness my hand and seal of office.

Notary Public in and for the State of Texas

[Affix Seal]

NICHOLAS KEITH SHAW
Notary Public
STATE OF TEXAS
ID# 13323798-7
My Comm. Exp. July 28, 2025

Keith Shaw
Print or Type Name of Notary Public

7/28/2025
My Commission Expires

COMISIÓN DE CALIDAD AMBIENTAL DEL ESTADO DE TEXAS

AVISO DE LA SOLICITUD Y DECISIÓN PRELIMINAR PARA EL PERMISO DEL SISTEMA DE ELIMINACION DE DESCARGAS DE CONTAMINANTES DE TEXAS (TPDES) PARA AGUAS RESIDUALES INDUSTRIALES

MODIFICACION

PERMISO NO. WQ0003017000

SOLICITUD Y DECISION PRELIMINAR. Pilgrim's Pride Corporation 1770 Promontory Circle Greeley, Colorado 80634 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) una modificación principal para autorizar Reducir la frecuencia de muestreo de 3 a 1 por semana para la Demanda Bioquímica de Oxigeno Carbonoso (DBO) de 5 días, Sólidos Suspendidos Totales (SBS), Amoniaco, Nitrogeno Total, Conductividad, Aceites y Grasas, y E. coli. El proyecto de permiso autoriza la descarga de aguas residuales de procesos tratadas, aguas residuales de servicios publicos y aguas residuales domesticas tratadas con un caudal promedio diario que no supere los 3 500 000 galones por día a través del Emisario 001. La TCEQ recibió esta solicitud el 1 de mayo de 2025.

La planta esta ubicada en 664 Farm-to-Market Road 127 West en el Condado de Titus, Texas. El efluente tratado es descargado al Tankersley Creek en el Segmento No. 0404 de la Cuenca del Río Cypress Creek. Los usos no clasificados de las aguas receptoras son elevados usos de la vida acuática para Tankersley Creek. Los usos designados para el Segmento No 0404 son intermedios de vida acuática y recreacion sin contacto.

De acuerdo con la 30 TAC § 307.5 y los procedimientos de implementacion de la TCEQ (Enero 2010) para las Normas de Calidad de Aguas Superficiales en Texas, fue realizada una revisión de la antidegradación de las aguas recibidas. Una revisión de antidegradación del Nivel 1 ha determinado preliminarmente que los usos de la calidad del agua existente no serán perjudicados por la acción de este permiso. Se mantendrá un criterio narrativo y numérico para proteger los usos existentes. Una revisión del Nivel 2 ha determinado preliminarmente que no se espera ninguna degradación significativa en Tankersley Creek y Segmento No 0404, el cual se ha identificado que tiene que han sido identificados como de usos de vida acuática altos e intermedios, respectivamente usos en la vida acuática. Los usos existentes serán mantenidos y protegidos. La determinación preliminar puede ser reexaminada y puede ser modificada, si se recibe alguna información nueva.

El Director Ejecutivo de la TCEQ ha completado la revisión técnica de la solicitud y ha preparado un borrador del permiso. El borrador del permiso, si es aprobado, establecería las condiciones bajo las cuales la instalación debe operar. El Director Ejecutivo ha tomado una decisión preliminar que si este permiso es emitido, cumple con todos los requisitos normativos y legales. La solicitud del permiso, la decisión preliminar del Director Ejecutivo y el borrador del permiso están disponibles para leer y copiar en 601 North Madison Avenue, Mount Pleasant, Texas. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web:

https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices

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

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que represente al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo. Después del cierre de todos los períodos de comentarios y de petición **que aplican, el Director Ejecutivo** enviará **la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión. La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.**

ACCION DEL DIRECTOR EJECUTIVO. El Director Ejecutivo puede emitir una aprobación final de la solicitud a menos que exista un pedido antes del plazo de vencimiento de una audiencia administrativa de lo contencioso o se ha presentado un pedido de reconsideración. Si un pedido ha llegado antes del plazo de vencimiento de la audiencia o el pedido de reconsideración ha sido presentado, el Director Ejecutivo no emitirá una aprobación final sobre el permiso y enviará la solicitud y el pedido a los Comisionados de la TECQ para consideración en una reunión programada de la Comisión.

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

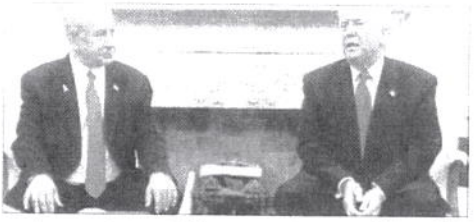
Todos los comentarios escritos del público y los pedidos una reunión deben ser presentados durante los 30 días después de la publicación del aviso a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or por el internet a www.tceq.texas.gov/about/comments.html. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia.

CONTACTOS E INFORMACIÓN DE LA AGENCIA. Los comentarios y solicitudes públicas deben enviarse electrónicamente a https://www14.tceq.texas.gov/epic/eComment/, o por escrito a Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Cualquier información personal que envíe a al TCEQ pasará a formar parte del registro de la agencia; esto incluye las direcciones de correo electrónico. Para obtener más información sobre esta solicitud de permiso o el proceso de permisos, llame al Programa de Educación Pública de la TCEQ sin cargo, al 1-800-687-4040 o visite su sitio web en www.tceq.texas.gov/goto/pep. Si desea información en español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Pilgrim's Pride Corporation a la dirección indicada arriba o llamando a Tyson Clark al (903) 575-3176.

Fecha de emisión: 2 de junio de 2025

¡SUELTEN A BIBI! pide Trump por juicio a Netanyahu acusado de corrupción



El primer ministro israelí Benjamín Netanyahu agradeció este domingo las palabras que escribió anoche en su red social un homólogo estadounidense, Donald Trump, en las que pidió que "¡SUELTEN A BIBI, TIENE UNA GRAN TAREA QUE HACER" manifestando de nuevo su apoyo a un indulto en el caso penal por corrupción por el que el mandatario israelí está siendo juzgado.

"Gracias de nuevo, @realDonaldTrump. ¡Juntos, haremos que Oriente Medio vuelva a ser grande!", publicó esta mañana Netanyahu en su cuenta de X, retuiteando el mensaje del presidente de EE.UU.

Trump empleó un lenguaje más amenazante que en su primer mensaje sobre este asunto a principios de semana. Llegando a poner en entredicho la continuidad de los 3.800 millones de dólares en asistencia militar anual que Estados Unidos facilita a Israel, si no se desestiman los cargos.

"Es terrible lo que le están haciendo en Israel a Bibi Netanyahu. Estamos de guerra y un primer ministro que realizo una labor fabulosa trabajando con Estados Unidos para lograr la erradicación de la peligrosa amenaza nuclear en Irán. Cabe destacar que ahora mismo está negociando un acuerdo con Hamás, que incluirá la recuperación de los rehenes", publicó Trump casi 24 horas después de afirmar que un acuerdo de alto el fuego y liberación de rehenes en Gaza podría lograrse en una semana, algo que funcionarios israelíes desmintieron en medios.

"¿Cómo es posible que el Primer Ministro de Israel se vea obligado a sentarse en un tribunal todo el día, por NADA (puros, un muñeco de Bugs Bunny, etc.)? Es una CAZA DE BRUJAS POLÍTICA, muy similar a la que yo mismo tuve que soportar", continuó, comparando una vez más el proceso penal de Netanyahu con su propia acusación y condena en Estados Unidos.

"Acabamos de lograr una Gran Victoria con el primer ministro Bibi Netanyahu al mando, y estoy empeñado enormemente nuestra Victoria. ¡SUELTEN A BIBI, TIENE UN GRAN TRABAJO QUE HACER!", concluyó Trump.

Netanyahu es el primer primer ministro en funciones en ser acusado penalmente y está imputado por tres cargos penales: soborno, fraude y abuso de confianza en tres causas penales distintas. El tema central de los tres casos es como Netanyahu fomentaba relaciones, para beneficio personal y político, con magnates que tenían influencia sobre importantes medios de comunicación.

Propone Senado de EU reducir impuesto a remesas a 1%

El polémico impuesto a las remesas que impulsan los republicanos en el Congreso de Estados Unidos sería reducido al 1 por ciento, según el último borrador del megaproyecto de ley que se discute en el Senado.

La cifra representa una baja considerable frente al 3.5 por ciento que inicialmente había planteado ese mismo grupo, y contrasta aún más con el 5 por ciento aprobado por la Cámara de Representantes el mes pasado.

El impuesto busca aplicarse a los envíos de dinero hacia el extranjero, en particular a países de América Latina, como parte de un paquete legislativo sobre seguridad fronteriza y migración. La propuesta



ha generado críticas entre comunidades migrantes, expertos fiscales y gobiernos extranjeros.

Aún no está claro si la versión reducida contará con el apoyo necesario para avanzar, pero el ajuste sugiere que los republicanos del Senado buscan moderar el impacto político de la medida.



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Application and Preliminary Decision (NAPD)
Water Quality Permit

All applicants must complete this page.

Applicant Name: James Howell

Site or Facility Name: Pilgrim's Pride Southwest Wastewater Treatment Plant

Water Quality Permit Number: WQ0 0 3 0 1 7 0 0 0

Regulated Entity Number: RN 1 0 2 1 8 4 0 4 1 Customer Number: CN 6 0 1 2 7 6 6 6 0

PUBLIC VIEWING LOCATION

I certify that a copy of the complete water quality application and draft permit, and all revisions, were placed at the following public place for public viewing and copying. I understand that the copy will remain available at the public place from the 1st day of publication of the until the commission has taken action on the applicant or the commission refers the issues to the State Office of Administrative Hearings (SOAH).

Name of Public Place: MT Pleasant Public Library

Address of Public Place: 601 N Madison, MT Pleasant Tx 75455

Applicant or Applicant Representative Signature: James C Howell

Title: White Water Manager Date: _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Application and Preliminary Decision
(NAPD)
Water Quality Permit

Complete this page only if you are required to publish in an alternative language and are not able to do so.

Applicant Name:

Site or Facility Name:

Water Quality Permit Number: WQ00

Regulated Entity Number: RN Customer Number: CN

ALTERNATIVE LANGUAGE EXEMPTION

I certify that I have conducted a diligent search for a newspaper or publication of general circulation in both the municipality and county in which the facility is located or proposed to be located and was unable to publish the notice in the required alternative language because:

☐ A newspaper or publication could not be found in any of the alternative languages in which notice is required.

☐ The publishers of the newspapers listed below refused to publish the notice as requested, and another newspaper or publication in the same language and of general circulation could not be found in the municipality or county in which the facility is located or proposed to be located.

Newspaper Name:

Language:

Applicant or Applicant Representative Signature: _____

Title: _____ Date: _____

Juliet Varra

From: Howell, James <James.Howell@jbssa.com>
Sent: Tuesday, July 8, 2025 1:29 PM
To: PROOFS
Cc: Clark, Tyson; Amy Camp
Subject: Public notice verification form Pilgrim's WQ0003017000
Attachments: 2025 Newspaper_Library permit.pdf

Permit NO.: WQ0003017000
Pilgrim's Pride Corporation
Pilgrim's Pride Southwest Wastewater Treatment Plant
Mount Pleasant, Titus County
Customer Reference Number: CN601276660
Regulated Entity Number: RN102184041

Attached are the newspaper proofs, publisher's affidavits, and public notice forms for renewal of the water quality permit for the Mt Pleasant Pilgrim's wastewater plant.

Thanks,
James Howell
Wastewater Manager
Cell 903-445-5330

Disclaimer
The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and delete the material from any computer. This email has been checked for viruses. However, JBS USA Food Company and its constituent companies cannot accept responsibility for loss or damages arising from use of this email or attachments and we recommend that you subject these to your virus checking procedures prior to use.

TCEQ-OFFICE OF THE CHIEF CLERK
MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

APPLICANT NAME: PILGRIMS PRIDE CORPORATION
PERMIT NO.: WQ0003017000
CCO NO.: _____ Internal Use Only
NOTICE OF APPLICATION AND PRELIMINARY DECISION

PUBLISHER'S AFFIDAVIT
FOR RENEWALS OF WATER QUALITY PERMITS

STATE OF TEXAS §
COUNTY OF SMITH §

Before me, the undersigned authority, on this day personally appeared

ADOLFO CANTUA
(name of person representing newspaper), who being by me duly

sworn, deposes and says that (s)he is the MANAGER
(title of person representing newspaper)

of the LA OPINION
(name of newspaper); that this newspaper is

a newspaper of largest circulation in TITUS
(name of county) County, Texas,

or is a newspaper of general circulation in MOUNT PLEASANT
(name of municipality) Texas,

and that the enclosed notice was published in said newspaper on the following date(s):

July 2nd, 2025
(date or dates, of publication in the newspaper)

Newspaper Representative's Signature

Subscribed and sworn to before me this the 11 day of July,

2025, to certify which witness my and seal of office.

(Seal)

STEPHEN MCKENZIE
My Notary ID # 129736053
Expires March 17, 2026

Stephen McKenzie
Notary Public in and for the State of Texas

Stephen McKenzie
Print or Type Name of Notary Public

My Commission Expires 3/17/26

Juliet Varra

From: Kim Moore
Sent: Friday, July 11, 2025 3:00 PM
To: PROOFS
Subject: FW: Public notice verification form Pilgrim's WQ0003017000
Attachments: News paper 2025.pdf

From: Howell, James <James.Howell@jbssa.com>
Sent: Friday, July 11, 2025 2:59 PM
To: Kim Moore <Kim.Moore@tceq.texas.gov>
Subject: Re: Public notice verification form Pilgrim's WQ0003017000

Kim
Here is the correct form. Sorry about that.

Thanks,
Cody Howell

From: Kim Moore <Kim.Moore@tceq.texas.gov>
Sent: Thursday, July 10, 2025 4:38 PM
To: Howell, James <James.Howell@jbssa.com>
Subject: [Ext]- RE: Public notice verification form Pilgrim's WQ0003017000

CAUTION:*This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.*

Good afternoon, James
I received your documents; however, I still need the following.
The Alternative Language Affidavit you submitted was on an Air publication.
Please resubmit on the correct form.
Thanks
Kim

From: Howell, James <James.Howell@jbssa.com>
Sent: Tuesday, July 8, 2025 1:29 PM
To: PROOFS <PROOFS@tceq.texas.gov>
Cc: Clark, Tyson <Tyson.Clark@pilgrims.com>; Amy Camp <Amy.Camp@tceq.texas.gov>
Subject: Public notice verification form Pilgrim's WQ0003017000

Permit NO.: WQ0003017000

Pilgrim's Pride Corporation
Pilgrim's Pride Southwest Wastewater Treatment Plant
Mount Pleasant, Titus County
Customer Reference Number: CN601276660
Regulated Entity Number: RN102184041

Attached are the newspaper proofs, publisher's affidavits, and public notice forms for renewal of the water quality permit for the Mt Pleasant Pilgrim's wastewater plant.

Thanks,
James Howell
Wastewater Manager
Cell 903-445-5330

Disclaimer

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and delete the material from any computer. This email has been checked for viruses. However, JBS USA Food Company and its constituent companies cannot accept responsibility for loss or damages arising from use of this email or attachments and we recommend that you subject these to your virus checking procedures prior to use.

TCEQ-OFFICE OF THE CHIEF CLERK
MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

APPLICANT NAME: Pilgrim's Pride
PERMIT NO.: WQ0003017000
CCO NO.: CN600127660
NOTICE OF APPLICATION AND PRELIMINARY DECISION

ALTERNATIVE LANGUAGE PUBLISHER'S AFFIDAVIT

STATE OF TEXAS §
COUNTY OF SMITH §

Before me, the undersigned authority, on this day personally appeared

ADOLFO CANTUA, who being by me duly
(name of person representing newspaper)

sworn, deposes and says that (s)he is the MANAGER
(title of person representing newspaper)

of the LA OPINION; that this newspaper is
(name of newspaper)

generally circulated in TITUS County, Texas,
(same county as proposed facility)

and is published primarily in SPANISH language;
(alternative language)

and that the enclosed notice was published in said newspaper on the following date(s):

July 2nd, 2025
(date or dates, of publication in the newspaper)

Newspaper Representative's Signature

Subscribed and sworn to before me this the 16 day of July

2025, to certify which witness my and seal of office.

(Seal)

Notary Public in and for the State of Texas

Brian Wells

Print or Type Name of Notary Public

My Commission Expires 8-31-25

BRIAN WELLS
My Notary ID # 131266137
Expires August 31, 2025

Juliet Varra

From: Kim Moore
Sent: Wednesday, July 16, 2025 10:14 AM
To: PROOFS
Subject: FW: Public notice verification form Pilgrim's WQ0003017000
Attachments: 2025 Alternative langauge newspaper.pdf

From: Howell, James <James.Howell@jbssa.com>
Sent: Wednesday, July 16, 2025 10:08 AM
To: Kim Moore <Kim.Moore@tceq.texas.gov>
Subject: Re: Public notice verification form Pilgrim's WQ0003017000

Here is the alternative language document. Sorry we got this confused with the other documents.

Thanks
Cody HOwell

From: Kim Moore <Kim.Moore@tceq.texas.gov>
Sent: Monday, July 14, 2025 2:08 PM
To: Howell, James <James.Howell@jbssa.com>
Subject: [Ext]- FW: Public notice verification form Pilgrim's WQ0003017000

CAUTION:*This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.*

Good afternoon, James
In still need the Alternative Language documents.
Thanks
Kim

From: Kim Moore
Sent: Thursday, July 10, 2025 4:39 PM
To: 'Howell, James' <James.Howell@jbssa.com>
Subject: RE: Public notice verification form Pilgrim's WQ0003017000

Good afternoon, James
I received your documents; however, I still need the following.
The Alternative Language Affidavit you submitted was on an Air publication.
Please resubmit on the correct form.
Thanks
Kim

From: Howell, James <James.Howell@jbssa.com>
Sent: Tuesday, July 8, 2025 1:29 PM
To: PROOFS <PROOFS@tceq.texas.gov>
Cc: Clark, Tyson <Tyson.Clark@pilgrims.com>; Amy Camp <Amy.Camp@tceq.texas.gov>
Subject: Public notice verification form Pilgrim's WQ0003017000

Permit NO.: WQ0003017000
Pilgrim's Pride Corporation
Pilgrim's Pride Southwest Wastewater Treatment Plant
Mount Pleasant, Titus County
Customer Reference Number: CN601276660
Regulated Entity Number: RN102184041

Attached are the newspaper proofs, publisher's affidavits, and public notice forms for renewal of the water quality permit for the Mt Pleasant Pilgrim's wastewater plant.

Thanks,
James Howell
Wastewater Manager
Cell 903-445-5330

Disclaimer

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NAPD

WQ STANDARD MAIL LIST

APPLICANT:
MR TYSON CLARK
PILGRIMS PRIDE CORPORATION

PO BOX 1268
MOUNT PLEASANT, TX 75456-1268

Other Applicant Representatives:
MR TYSON CLARK
PILGRIMS PRIDE CORPORATION

PO BOX 1268
MOUNT PLEASANT, TX 75456-1268

MR JACOB COCHRAN
WOODRUFF & HOWE ENVIRONMENTAL ENGINEERS INC
4405 CANTON HWY
CUMMING, GA 30040-4342

PERMIT #: WQ0003017000
BASIN:
REGION: 5
COUNTY: TITUS

DATE NOTICE MAILED: 6/5/25 6/4/25 tcm

PERMITTEE: PILGRIMS PRIDE CORPORATION

TO BE PUBLISHED BY: MR TYSON CLARK

CCO #: 133343

NOTICE TECH INITIALS: KIMOORE

EVELYN ROSBOROUGH
USEPA REGION 6
1445 ROSS AVE STE 1200
MAIL CODE 6WQ
DALLAS TX 75202-2733
rosborough.evelyn@epa.gov
(Rosborough only gets notices with TPDES language.)

CYRUS REED PHD
LONE STAR CHAPTER SIERRA CLUB
PO BOX 4998
AUSTIN TX 78765
cyrus.reed@sierraclub.org

MYRON J HESS
1705 MARGARET ST
AUSTIN TX 78704
myron@myronhess.com

AMANDA FULLER
NATIONAL WILDLIFE FEDERATION
505 E HUNTLAND DR STE 485
AUSTIN TX 78752
fullera@nwf.org

ANNE ROGERS
COASTAL FISHERIES DIVISION – FPP
TEXAS PARKS AND WILDLIFE
INTERAGENCY MAIL
wqnotice@tpwd.state.tx.us

SARA THORNTON
LLOYD GOSSELINK ROCHELLE & TOWNSEND
816 CONGRESS AVE STE 1900
AUSTIN TX 78701
sthornton@lglawfirm.com

RAILROAD COMMISSION OF TEXAS
TECHNICAL PERMITTING, ENVIRONMENTAL SUPPORT
INTERAGENCY MAIL

DONNA MCCARVER
ARCHEOLOGY DIVISION
TEXAS HISTORICAL COMMISSION
INTERAGENCY MAIL
donna.mccarver@thc.texas.gov

NICHOLE SAUNDERS
ENVIRONMENTAL DEFENSE FUND
5400 MUSKET RDG
AUSTIN, TX 78759
nsaunders@edf.org

DAVID T VILLARREAL PH.D.
ENVIRONMENTAL QUALITY PROGRAM
TEXAS DEPARTMENT OF AGRICULTURE
INTERAGENCY MAIL

HEIDI BOJES PH.D.
TEXAS DEPARTMENT OF STATE HEALTH SERVICES
INTERAGENCY MAIL
heidi.bojes@dshs.state.tx.us
(Bojes gets IHW, MSW, and WQ notices.)

LESLIE KOZA
GRANT PROGRAM AND SUPPORT DIVISION
COASTAL RESOURCES PROGRAM
TEXAS GENERAL LAND OFFICE
INTERAGENCY MAIL
federal.consistency@glo.texas.gov
(KOZA only gets notices with CMP language.)

MICHAEL BOOTH
5701 W SLAUGHTER A130-404
AUSTIN TX 78749

Brooke Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina Gonzales, *Commissioner*
Kelly Keel, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 2, 2025

Mr. Tyson Clark, Complex Environmental Manager
Pilgrim's Pride Corporation
P.O. Box 1268
Mount Pleasant, Texas 75456

RE: Notice of Preliminary Decision and Draft Permit
Applicant Name: Pilgrim's Pride Corporation
Facility Name: Pilgrim's Pride Southwest Wastewater Treatment Plant
Permit No.: WQ0003017000
Customer Reference Number: CN601276660
Regulated Entity Number: RN102184041
Type of Application: Major amendment with renewal

Dear Mr. Clark:

The executive director has completed the technical review of the above referenced application, received on May 1, 2023 and has prepared a preliminary decision and draft permit.

You are now required to publish another notice of your proposed activity. To help you meet the requirements associated with this notice, we have included the following items:

Instructions for Public Notice
Notice for Newspaper Publication
Publisher's Affidavits
Draft Permit
Executive Director's Preliminary Decision
Public Notice Verification Form

You must follow all the directions in the enclosed instructions. The most common mistakes are the unauthorized changing of notice, wording, or font. If you fail to follow these instructions, you may be required to republish the notices.

The following requirements are also described in the enclosed instructions. However, due to their importance, they are highlighted here as well.

1. You must publish the enclosed notice within as soon as possible, but no later than 45 days from the date on the cover letter. **You may be required to publish the notice in more than one newspaper, including a newspaper published in an alternative language, to satisfy all of the notice requirements.**

2. On or before the date you publish notice, you must place the following items in a public place in the county where the facility is or will be located.

   (a) a copy of your permit application, including any subsequent revisions;
   (b) the executive director's preliminary decision as contained in the fact sheet; and
   (c) the draft permit, including any subsequent revisions.

   These items must be accessible to the public for review and copying, must be updated to reflect changes to the application, and must remain in place until the commission has taken action on the application or the commission refers issues to the State Office of Administrative Hearings.

3. For each publication, submit proof of publication of the notice that shows the publication date and newspaper name to the Office of the Chief Clerk within **30 calendar days** after notice is published in the newspaper.

4. Return the original enclosed Public Notice Verification and the Publisher's Affidavits to the Office of the Chief Clerk within **30 calendar days** after the notice is published in the newspaper.

If you do not comply with **all** the requirements described in the instructions, further processing of your application may be suspended or the agency may take other actions.

If you have any questions regarding publication requirements, please contact the Office of Legal Services at (512) 239-0600. If you have any questions regarding the content of the notice, please contact the individual in the permitting area assigned to your application.

Sincerely,

Laurie Gharis

Laurie Gharis
Chief Clerk
Office of the Chief Clerk

LG/RZ/af

Enclosures

Texas Commission on Environmental Quality
Instructions for Public Notice for a Water Quality Permit
Notice of Application and Preliminary Decision (NAPD)

The executive director has completed the technical review of your application and issued a preliminary decision. You must comply with the following instructions. There are seven (7) steps involved in publishing notice. Complete each step.

1. REVIEW THE NOTICE FOR ACCURACY

Read the enclosed notice carefully and notify the Wastewater Permitting Section at 512-239-4671 immediately if it contains any errors or omissions. You are responsible for ensuring the accuracy of all information published. Do not change the text or formatting of the notice or affidavit of publication without prior approval from the TCEQ. Changing the text or formatting of the notice may require new publication at your expense and delay processing of your application.

2. PUBLISH THE NOTICE IN THE NEWSPAPER

You must publish the enclosed notice as soon as possible, but no later than 45 days from the date on the cover letter.

For renewal applications, you must publish at least once in the same newspaper that you published the Notice of Receipt of Application and Intent to Obtain Permit.

For all other applications, you must publish at least once in a newspaper regularly published or circulated within each county where the facility and discharge point are located or proposed to be located.

The bold text of the enclosed notice must be printed in the newspaper in a font style or size that distinguishes it from the rest of the notice (i.e., bold, italics). Failure to do so may require re-notice.

3. PUBLISH THE NOTICE IN AN ALTERNATIVE LANGUAGE

You must publish notice in an alternative language IF: either the elementary or middle school nearest to the facility or proposed facility is required to provide a "bilingual education program" (BEP) as required by Texas Education Code (TEC), Chapter 29, Subchapter B, and 19 Tex. Admin. Code §89.1205(a) AND one of the following conditions is met:

- students are enrolled in a program at that school;
- students from that school attend a bilingual education program at another location; or
- the school that otherwise would be required to provide a bilingual education program has been granted an exception from the requirements to provide the program as provided for in 19 Tex. Admin. Code §89.1207(a).

A "bilingual education program" is different from an "English as a second language program" (ESL). An ESL program alone, will not require public notice in an alternative language.

If triggered, you must publish the notice in a newspaper or publication primarily published in the alternative language taught in the bilingual education program. Publication in an alternative language section or insert within a large publication which is not printed primarily in that alternative language does not satisfy these requirements. The newspaper or publication must

be of general circulation in the county in which the facility and discharge point are located or proposed to be located. If the facility and discharge point are located or proposed to be located in a municipality, and there exists a newspaper or publication of general circulation in the municipality, you must publish the notice only in the newspaper or publication in the municipality.

You must demonstrate a good faith effort to identify a newspaper or publication in the required language. If there is no general circulation newspaper or publication printed in such language, then publishing in that language is not required. You have the burden to demonstrate compliance with these requirements.

If you are required to publish notice in Spanish, you must translate the site-specific information in the notice that is specific to your application, at your own expense. You may then insert the Spanish translation of your site-specific information into a Spanish template developed by the TCEQ. The Spanish templates are available on the TCEQ website at www.tceq.texas.gov/permitting/wastewater /review /napd/wqspanish napd.html. If you are required to publish notice in a language other than Spanish, you must translate the entire public notice, at your own expense.

4. PUT THE APPLICATION IN A PUBLIC PLACE

You must put a copy of the following documents in the public place identified in the enclosed notice:

- the complete application,
- the executive director's preliminary decision as contained in the technical summary and fact sheet,
- the draft permit, and
- any subsequent revisions to these documents.

This copy must be accessible to the public for review and copying beginning on the first day of newspaper publication and remain in place until the commission has taken action on the application or the commission refers issues to the State Office of Administrative Hearings.

For confidential information contained in the application, you must indicate which specific portions of the application cannot be made available to the public. These portions of the application must be accompanied with the following statement:

"Any request for portions of this application that are marked as confidential must be submitted in writing, pursuant to the Public Information Act, to the TCEQ Public Information Coordinator, MC 197, P.O. Box 13087, Austin, Texas 78711-3087."

5. PROVIDE PROOF OF PUBLICATION

For each newspaper in which you published, you must submit proof of publication. Proof of publication must include the following:

- a completed Publisher's Affidavit (enclosed); and
- a copy of the published notice which shows the notice, the date published, and the newspaper name. The copy must be on standard-size 8½ x 11" paper and must show the actual size of the published notice. Do not reduce the image when making copies. Published notices longer than 11" must be copied onto multiple 8½ x 11" pages. Or you can submit the original newspaper clipping.

If you are required to publish notice in an alternative language and are unable to do so, complete and submit the Alternative Language Exemption form (enclosed).

6. PROVIDE PROOF OF APPLICATION VIEWING LOCATION

You must submit a completed Public Notice Verification Form (enclosed), which certifies that the complete application and draft permit were placed at the public place identified in the enclosed notice.

7. SUBMIT PROOFS TO TCEQ

Scan and email the proof of publication documents (Step 5) and the completed Public Notice Verification Form (Step 6) within 30 days of publication to PROOFS@tceq.texas.gov;

Or Mail to:

TCEQ
Office of the Chief Clerk, MC 105
Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

Additional Information

If you fail to publish the notice or submit proofs within the timeframes noted above, the TCEQ may suspend further processing on your application or take other actions in accordance with 30 Tex. Admin. Code §39.405(a).

If you have any questions regarding publication requirements, please contact the Office of Legal Services at 512-239-0600. If you have any questions regarding the content of the notice, please contact the Wastewater Permitting Section at 512-239- 4671. When contacting TCEQ regarding this application, please refer to the permit number at the top of the enclosed notice.

If you wish to obtain an electronic copy of the notice, please visit our web site at www.tceq.texas.gov/agency/decisions/cc/cc_db.html or www.tceq.texas.gov/agency/decisions/cc/eda.html. Please be aware that formatting codes may be lost and that any notices downloaded from these web sites must be reformatted by you so that your downloaded copy looks like the notice document you received from us.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

AMENDMENT

PERMIT NO. WQ0003017000

APPLICATION AND PRELIMINARY DECISION. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, which operates Pilgrim's Pride Southwest Wastewater Treatment Plant, has applied to the Texas Commission on Environmental Quality (TCEQ) for a major amendment of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0003017000 to reduce the sampling frequencies from 3/week to 1/week for Carbonaceous Biochemical Oxygen Demand, 5-day, Total Suspended Solids, Biochemical Oxygen Demand, 5-day, Ammonia, Total Nitrogen, Conductivity, Oil and Grease, and *E. coli*. The draft permit authorizes the discharge of treated process wastewater, utility wastewater, and treated domestic wastewater at a daily average flow not to exceed 3,500,000 gallons per day via Outfall 001. The TCEQ received this application on May 1, 2023.

The facility is located at 664 Farm-to-Market Road 127 West, near the City of Mount Pleasant, Titus County, Texas 75455. 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=-94.995555,33.138888&level=18

The effluent is discharged to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin in Segment No. 0404 of the Cypress Creek Basin. The unclassified receiving water uses are high aquatic life use for Tankersley Creek. The designated uses for Segment No. 0404 are secondary contact recreation and intermediate aquatic life use.

In accordance with Title 30 Texas Administrative Code Section 307.5 and TCEQ's *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010), an antidegradation review of the receiving waters was performed. A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action. Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Tankersley Creek and Segment No. 0404, which have been identified as having high and intermediate aquatic life uses, respectively. Existing uses will be maintained and protected. The preliminary determination can be reexamined and may be modified if new information is received.

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 the City of Mount Pleasant, Texas Public Library, 601 North Madison Avenue, Mount Pleasant, Texas.

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

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 written or oral comment or to ask questions about the application. Generally, the 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 public comments, the Executive Director will consider the comments and prepare a response to all relevant and material, or significant public comments. **The response to comments, along with the Executive Director's decision on the application, will be mailed to everyone who submitted public comments or who requested to be on a 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.**

EXECUTIVE DIRECTOR ACTION. The Executive Director may issue final approval of the application unless a timely contested case hearing request or a timely 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 requests 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 added to: (1) the permanent list for a specific applicant name and permit number; and (2) the mailing list for a specific county. If you wish to be placed on the permanent and 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, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or electronically at https://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 https://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 https://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. 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 https://www.tceq.texas.gov/agency/decisions/participation/permitting-participation. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Pilgrim's Pride Corporation at the address stated above or by calling Mr. Tyson Clark, Complex Environmental Manager, at (903) 575-3176.

Issued: June 2, 2025

Comisión De Calidad Ambiental Del Estado De Texas

AVISO DE LA SOLICITUD Y DECISIÓN PRELIMINAR PARA EL PERMISO DEL SISTEMA DE ELIMINACION DE DESCARGAS DE CONTAMINANTES DE TEXAS (TPDES) PARA AGUAS RESIDUALES INDUSTRIALES

MODIFICACIÓN

PERMISO NO. WQ0003017000

SOLICITUD Y DECISIÓN PRELIMINAR. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) un/una: modificación principal para autorizar Reducir la frecuencia de muestreo de 3 a 1 por semana para la Demanda Bioquímica de Oxígeno Carbonoso (DBO) de 5 días, Sólidos Suspendidos Totales (SBS), Amoníaco, Nitrógeno Total, Conductividad, Aceites y Grasas, y E. coli. El proyecto de permiso autoriza la descarga de aguas residuales de procesos tratadas, aguas residuales de servicios públicos y aguas residuales domésticas tratadas con un caudal promedio diario que no supere los 3.500.000 galones por día a través del Emisario 001. La TCEQ recibió esta solicitud el 1 de mayo de 2023.

La planta está ubicada en 664 Farm-to-Market Road 127 West en el Condado de Titus, Texas. El efluente tratado es descargado al Tankersley Creek en el Segmento No. 0404 de la Cuenca del Río Cypress Creek. Los usos no clasificados de las aguas receptoras son elevados usos de la vida acuática para Tankersley Creek. Los usos designados para el Segmento No.0404 son intermedios de vida acuática y recreación sin contacto.

De acuerdo con la 30 TAC §307.5 y los procedimientos de implementación de la TCEQ (Enero 2010) para las Normas de Calidad de Aguas Superficiales en Texas, fue realizada una revisión de la antidegradación de las aguas recibidas. Una revisión de antidegradación del Nivel 1 ha determinado preliminarmente que los usos de la calidad del agua existente no serán perjudicados por la acción de este permiso. Se mantendrá un criterio narrativo y numérico para proteger los usos existentes. Una revisión del Nivel 2 ha determinado preliminarmente que no se espera ninguna degradación significativa en Tankersley Creek y Segmento No.0404, el cual se ha identificado que tiene que han sido identificados como de usos de vida acuática altos e intermedios, respectivamente usos en la vida acuática. Los usos existentes serán mantenidos y protegidos. La determinación preliminar puede ser reexaminada y puede ser modificada, si se recibe alguna información nueva.

El Director Ejecutivo de la TCEQ ha completado la revisión técnica de la solicitud y ha preparado un borrador del permiso. El borrador del permiso, si es aprobado, establecería las condiciones bajo las cuales la instalación debe operar. El Director Ejecutivo ha tomado una decisión preliminar que si este permiso es emitido, cumple con todos los requisitos normativos y

legales. La solicitud del permiso, la decisión preliminar del Director Ejecutivo y el borrador del permiso están disponibles para leer y copiar en 601 North Madison Avenue, Mount Pleasant, Texas. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

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

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

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

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

ACCIÓN DEL DIRECTOR EJECUTIVO. El Director Ejecutivo puede emitir una aprobación final de la solicitud a menos que exista un pedido antes del plazo de vencimiento de una audiencia administrativa de lo contencioso o se ha presentado un pedido de reconsideración. Si un pedido ha llegado antes del plazo de vencimiento de la audiencia o el pedido de reconsideración ha sido presentado, el Director Ejecutivo no emitirá una aprobación final sobre el permiso y enviará la solicitud y el pedido a los Comisionados de la TECQ para consideración en una reunión programada de la Comisión.

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

Todos los comentarios escritos del público y los pedidos una reunión deben ser presentados durante los 30 días después de la publicación del aviso a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or por el internet a www.tceq.texas.gov/about/comments.html. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia.

CONTACTOS E INFORMACIÓN DE LA AGENCIA. Los comentarios y solicitudes públicas deben enviarse electrónicamente a https://www14.tceq.texas.gov/epic/eComment/, o por escrito a Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Cualquier información personal que envíe a al TCEQ pasará a formar parte del registro de la agencia; esto incluye las direcciones de correo electrónico. Para obtener más información sobre esta solicitud de permiso o el proceso de permisos, llame al Programa de Educación Pública de la TCEQ, sin cargo, al 1-800-687-4040 o visite su sitio web en www.tceq.texas.gov/goto/pep. Si desea información en español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Pilgrim's Pride Corporation a la dirección indicada arriba o llamando a Tyson Clark al (903) 575-3176.

Fecha de emission: 2 de junio de 2025

TCEQ-OFFICE OF THE CHIEF CLERK
MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

APPLICANT NAME: _____
PERMIT NO.: _____
CCO NO.: _____ Internal Use Only
NOTICE OF APPLICATION AND PRELIMINARY DECISION

PUBLISHER'S AFFIDAVIT
FOR RENEWALS OF WATER QUALITY PERMITS

STATE OF TEXAS §
COUNTY OF _____§

Before me, the undersigned authority, on this day personally appeared

_____, who being by me duly
(name of person representing newspaper)

sworn, deposes and says that (s)he is the _____
(title of person representing newspaper)

of the _____; that this newspaper is
(name of newspaper)

a newspaper of largest circulation in _____ County, Texas,
(name of county)

or is a newspaper of general circulation in _____ Texas,
(name of municipality)

and that the enclosed notice was published in said newspaper on the following date(s):

_____
(date or dates, of publication in the newspaper)

_____
Newspaper Representative's Signature

Subscribed and sworn to before me this the _____ day of _____,

20_____, to certify which witness my and seal of office.

(Seal)

_____
Notary Public in and for the State of Texas

_____
Print or Type Name of Notary Public

My Commission Expires _____

TCEQ-OFFICE OF THE CHIEF CLERK
MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

APPLICANT NAME: _____
PERMIT NO.: _____
CCO NO.: _____ Internal Use Only
NOTICE OF APPLICATION AND PRELIMINARY DECISION

PUBLISHER'S AFFIDAVIT
FOR ALL APPLICATIONS FOR WATER QUALITY PERMITS
OTHER THAN RENEWALS

STATE OF TEXAS §
COUNTY OF _____§

Before me, the undersigned authority, on this day personally appeared

_____, who being by me duly
(name of person representing newspaper)

sworn, deposes and says that (s)he is the _____
(title of person representing newspaper)

of the _____; that this newspaper is
(name of newspaper)

regularly published or circulated in _____ County/Counties, Texas,
(same county as proposed facility)

and that the enclosed notice was published in said newspaper on the following date(s):

_____
(date or dates, of publication in the newspaper)

_____
Newspaper Representative's Signature

Subscribed and sworn to before me this the _____ day of _____,

20_____, to certify which witness my and seal of office.

(Seal)

_____
Notary Public in and for the State of Texas

_____
Print or Type Name of Notary Public

My Commission Expires _____

TCEQ-OFFICE OF THE CHIEF CLERK
MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

APPLICANT NAME: _____
PERMIT NO.: _____
CCO NO.: _____ Internal Use Only
NOTICE OF APPLICATION AND PRELIMINARY DECISION

ALTERNATIVE LANGUAGE PUBLISHER'S AFFIDAVIT

STATE OF TEXAS §
COUNTY OF _____§

Before me, the undersigned authority, on this day personally appeared

_____, who being by me duly
(name of person representing newspaper)

sworn, deposes and says that (s)he is the _____
(title of person representing newspaper)

of the _____; that this newspaper is
(name of newspaper)

generally circulated in _____ County, Texas,
(same county as proposed facility)

and is published primarily in _____ language;
(alternative language)

and that the enclosed notice was published in said newspaper on the following date(s):

_____
(date or dates, of publication in the newspaper)

_____
Newspaper Representative's Signature

Subscribed and sworn to before me this the _____ day of _____,

20_____, to certify which witness my and seal of office.

(Seal)

_____
Notary Public in and for the State of Texas

_____
Print or Type Name of Notary Public

My Commission Expires _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Application and Preliminary Decision (NAPD)
Water Quality Permit

All applicants must complete this page.

Applicant Name:

Site or Facility Name:

Water Quality Permit Number:WQ00

Regulated Entity Number: RN Customer Number: CN

PUBLIC VIEWING LOCATION

I certify that a copy of the complete water quality application and draft permit, and all revisions, were placed at the following public place for public viewing and copying. I understand that the copy will remain available at the public place from the 1st day of publication of the until the commission has taken action on the applicant or the commission refers the issues to the State Office of Administrative Hearings (SOAH).

Name of Public Place:

Address of Public Place:

Applicant or Applicant Representative Signature: _____

Title: _____ Date: _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Application and Preliminary Decision (NAPD)
Water Quality Permit

Complete this page only if you are required to publish in an alternative language and are not able to do so.

Applicant Name:

Site or Facility Name:

Water Quality Permit Number: WQ00

Regulated Entity Number: RN Customer Number: CN

ALTERNATIVE LANGUAGE EXEMPTION

I certify that I have conducted a diligent search for a newspaper or publication of general circulation in both the municipality and county in which the facility is located or proposed to be located and was unable to publish the notice in the required alternative language because:

☐ A newspaper or publication could not be found in any of the alternative languages in which notice is required.

☐ The publishers of the newspapers listed below refused to publish the notice as requested, and another newspaper or publication in the same language and of general circulation could not be found in the municipality or county in which the facility is located or proposed to be located.

Newspaper Name:

Language:

Applicant or Applicant Representative Signature: _____

Title: _____ Date: _____

AVERY 5160
Easy Peel® Address Labels
Bend along line to expose Pop-up Edge®
Go to avery.com/templates
Use Avery Template 5160

GARRETSON JOHNNY M
947 FARM ROAD 899
MOUNT PLEASANT TX 75455-9229

TEXAS DEPT OF TRANSPORTATION
7600 WASHINGTON AVE
HOUSTON TX 77007

DOUGLAS PEGGY JEAN &
DANNY EDGAR DOUGLAS LTE
464 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455-9111

PILGRIMS PRIDE CORPORATION
1770 PROMONTORY CIRCLE
GREELEY CO 80634

MENDOZA JOSE & GABRIELA
559 CR 1314
MOUNT PLEASANT TX 75455

VILLARREAL C&M FAMILY LTD
216 MARKET AV STE 115
BOERNE TX 78006

JORGE HUMBERTO PEREZ &
PERLA RUIZ DE PEREZ
1522 SUGAR FORD WAY
JOILET IL 60433

RICHEY BIRDIE NELL
3054 VILLA SUR TRL
DALLAS TX 75228

CITY OF MT PLEASANT TEXAS
501 N MADISON
MOUNT PLEASANT TX 75455-3650

DYKE RANDALE & MCCALL
407 N MADISON AVENUE
MOUNT PLEASANT TX 75455-3948

LOPEZ GABRIEL
160 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455

MCGUIRE DEBRA GLOVER
165 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455

PMCI PROPERTIES II LP
PO BOX 1540
MT PLEASANT TX 75456-1540

GLOVER FRANK M ESTATE
165 COUNTY ROAD 2120
MOUNT PLEASANT TX 75456-0287

CALDWELL WILLIAM HARGROVE
408 REDBUD LN
MOUNT PLEASANT TX 75455-5757

CALDWELL ALFRED MYLES
1024 VZCR 1923
FRUITVALE TX 75127

CALDWELL CHARLES SARGENT JR
2370 FM 127
MOUNT PLEASANT TX 75455

WQ0003017001

4/0

ce/2/25

Pat: avery.com/patents
Étiquettes d'adresse Easy Peel®
Allez à avery.ca/gabarits

THE HONORABLE BRYAN HUGHES
TEXAS SENATE
DISTRICT ROOM 3E.8
TEXAS STATE CAPITOL
Bryan.hughes@senate.texas.gov

THE HONORABLE COLE HEFNER
TEXAS HOUSE OF REPRESENTATIVES
DISTRICT ROOM E2.718
TEXAS STATE CAPITOL
Cole.hefner@house.texas.gov

WQ 0013017001

State

6/2/25

CITY OF MOUNT PLEASANT
HEALTH OFFICIAL
501 N MADISON AVE
MOUNT PLEASANT TX 75455-3650

CITY OF MOUNT PLEASANT
MAYOR
501 N MADISON AVE
MOUNT PLEASANT TX 75455-3650

City

ENVIRO RESOURCE PLANNER
ARK-TEX COUNCIL OF GOVT
PO BOX 5307
TEXARKANA TX 75505-5307

NORTHEAST TEXAS MUNICIPAL WATE
PO BOX 955
HUGHES SPRINGS TX 75656-0955

PUBLIC HEALTH REGION 4/5
TEXAS DEPARTMENT OF STATE HEAL
2521 W FRONT ST
TYLER TX 75702-7708

TITUS COUNTY FRESH WATER SUPPL
PO BOX 650
MOUNT PLEASANT TX 75456-0650

TITUS COUNTY HEALTH AUTHORITY
100 W 1ST ST
MT PLEASANT TX 75455-4452

TITUS COUNTY JUDGE
COUNTY COURTHOUSE
100 W 1ST ST STE 200
MOUNT PLEASANT TX 75455-4400

US ARMY CORPS OF ENGINEERS REG
CESWS-PER-R
PO BOX 17300
FORT WORTH TX 76102-0300

FIELD SUPERVISOR
US FISH & WILDLIFE SERVICE
3233 CURTIS DR
FORT WORTH TX 76116-5100

County

ERIC ALLMON
PERALES ALLMON & ICE PC
1206 SAN ANTONIO ST
AUSTIN TX 78701-1834

MR GEOFFREY P KIRSHBAUM
TERRILL & WALDROP
810 W 10TH ST
AUSTIN TX 78701-2005

RICHARD W LOWERRE
FREDERICK PERALES ALLMON & ROCKWE
1206 SAN ANTONIO ST
AUSTIN TX 78701-1834

LAURA-ASHLEY A OVERDYKE
CADDO LAKE INSTITUTE
CADDO LAKE NATIONAL WILDLIFE REFUGE
15600 HIGHWAY 134
KARNACK TX 75661

BENNIE GAIL POWER
PO BOX 9352
MIDLAND TX 79708-9352

MR JEFFREY S REED
LLOYD GOSSELINK ROCHELLE & TOWNSEI
STE 1900
816 CONGRESS AVE
AUSTIN TX 78701-2442

MRS EDITH A SANDERS & MR A E SMITH
DBA AE RANCH
PO BOX 744
MOUNT PLEASANT TX 75456-0744

SAL SOLIS
PO BOX 398
HOUSTON TX 77001-0398

SAL GIOVANNI SOLIS
PO BOX 920648
HOUSTON TX 77292-0648

SAL GIOVANNI SOLIS
17726 SCARLETT FALLS LN
RICHMOND TX 77407-2155

WQ0003017001

IP/PROT

6/2/25

CID# 13343

Applicant & Their Contacts during Application Process
Mailing List for Notice

TCEQ Permit No. WQ0003017000

Applicant Information

Legal Name of Facility Owner Pilgrim's Pride Corporation

Co-permittee (if required) City of Mount Pleasant

Permit Mailing Address 1770 Promontory Circle
Greeley, Colorado 80634

Customer No.: CN601276660 Regulated Entity No.: RN102184041

Contact Information

Applicant's Representative(s) or Contact Person during Application Process

Mr. Jacob Cochran
Project Engineer
Woodruff & Howe Environmental Engineers, Inc.
4405 Canton Highway
Cumming, Georgia 30040

Phone: 770-844-0037
Email: jcochran@wheeinc.com

Mr. Tyson Clark
Complex Environmental Manager
Pilgrim's Pride Corporation
P.O. Box 1268
Mount Pleasant, Texas 75456
Phone: 903-575-3176
Email: tyson.clark@pilgrims.com

Notice To Be Published By

Mr. Tyson Clark
Complex Environmental Manager
Pilgrim's Pride Corporation
P.O. Box 1268
Mount Pleasant, Texas 75456

Phone: 903-575-3176
Email: tyson.clark@pilgrims.com

Mailing Lists

Fixed State Mailing List (By Chief Clerk) SB 709 (X) N/A - Minor Amendment ( )

County Mailing List Titus

City to Be Notified for Plant Mount Pleasant

City to Be Notified for Outfall and/or Disposal Site Mount Pleasant

Coastal Zone Management Plan () Yes (X) No (If yes, check notice rqmts for new & maj amend)

Notice to GLO ( ) Yes (X) No

Adjacent/Downstream Landowners List Plus Interested Persons

Landowner Mailing List Attached (X) Yes () No

Bilingual Notice Required (X) Yes ( ) No Spanish

Notify Following County Judges Only If They Officially Requested to Be Notified of All Permit Actions

Kim Moore

From: WQDbNAPD
Sent: Monday, June 2, 2025 12:06 PM
To: OCC-WQ
Subject: KM Wastewater Permit WQ0003017000 - NAPD
Attachments: WQ0003017000 Draft Fact Sheet-Permit.pdf; WQ0003017000 NAPD Letter.pdf; WQ0003017000 NAPD.pdf; WQ0003017000 Applicant Letter.pdf; WQ0003017000 NAPD Spanish.docx; WQ0003017000 NAPD.docx; NAPD Affidavit_Alt Language.pdf; NAPD Affidavit_Instructions.pdf; NAPD Affidavit_Renewal.pdf; NAPD Affidvait_Verification Forms.docx; NAPD Affidavit_All Other.pdf; WQ0003017000 contact.docx

Follow Up Flag: Follow up
Flag Status: Completed

Categories: Red Category, Blue Category

Hello,

TCEQ Water Quality Division has prepared the NAPD documents for Wastewater Permit No. WQ0003017000. The documents are contained within the attached email.
For any questions on this submittal, please contact WQDbNAPD@tceq.texas.gov.

Thank you.

From: WQDbNAPD <WQDbNAPD@tceq.texas.gov>
Sent: Monday, June 2, 2025 12:04 PM
To: tyson.clark@pilgrims.com; jcochran@wheeinc.com
Cc: Ruiqiang Zong <Ruiqiang.Zong@tceq.texas.gov>
Subject: NAPD for WQ0003017000; Pilgrim's Pride Corporation

Hello,

Permit No. WQ0003017000

Applicants are required to publish the Notice of Application and Preliminary Decision Water Quality Permit within 45 days of the date of this correspondence.

Attached are:

- Applicant Letter
- Preliminary Decision Letter
- Instructions of Public Notice
- Notice of Application and Preliminary Decision
- Notice of Application and Preliminary Decision in Alternative Language
- Affidavit of Publication
- Public Notice Verification Form
- Draft Permit
- Fact Sheet

IMPORTANT: You must enter the Applicant Name and Permit Number into the sections provided in the upper right portion of the Affidavits of Publication. The CID or CCO Number section does not need to be entered and is intended for internal use only.

For any questions on this submittal, please contact us at wqdbnapd@tceq.texas.gov.

Thank you

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INTEROFFICE MEMORANDUM

To: Laurie Gharis, Chief Clerk **Date:** 6/2/2025

Thru: Matthew Kennington, Team Leader
Wastewater Permitting Section

From: Abigail Flores
Customer Information and Assistance Team
Water Quality Division

Subject:

Permit No. WQ0003017000 (EPA ID No.) TX0062936

CN No. 601276660 **RN No.** 102184041

Applicant: Pilgrim's Pride Corporation

Transmittal of an application for issuance of notice for a Texas Pollutant Discharge Elimination System (TPDES) Permit

Transmitted herewith for re-filing with the Texas Commission on Environmental Quality (TCEQ) is an application and draft permit for a TPDES permit. The application contains all the information deemed necessary by the Executive Director of the Commission. If you have any questions, please contact Mr. Matthew Kennington by telephone at (512) 239-4671.

APPLICATION TYPE:	☐	New	Type:	☐	Domestic
	X	Major Amendment		X	Industrial
	X	Renewal			
	☐	Minor Amendment			
	☐	Minor Modification			
	☐	New TPDES Permit for which there is an active State Permit			
	☐	Staff Initiated Amendment			

☒ **The application file contains the following documents needed by the Chief Clerk for further processing:**

- ☒ draft permit
- ☒ notice of application to be issued and mailed by Chief Clerk
- ☒ instructions for further processing of application by Chief Clerk

☒ **This application will have a bilingual notice to be published if applicable**

☒ **Processing of the application by the Chief Clerk needs to be completed as indicated below:**

☒ Issue the notice: ☐ for public comments (interim notice for TPDES transition only) *(notice previously published in the newspaper and no major changes to the draft permit have been made other than shell and boiler plate)*

☒ giving opportunity to comment and request hearing (full notice requirements)
(Previous notice was issued and mailed but never published; or, first time filing of draft with OCC; or major changes were made to the draft permit requiring a new notice to giving opportunity to request hearing)

☐ Mail by certified mail, the items indicated by an (*) to the Services indicated below:

Need Notice Only	Notice Waived	Need draft permit, application and notice	Not Applicable	Agencies
☐	X	☐	☐	*National Marine Fisheries Service (Coastal Areas)
x (only applies to new & major amend)	☐ (only applies to renewals & minor amend)	☐	☐	Texas Historical Commission
X	☐	☐	☐	U.S. Fish & Wildlife Service
X	☐	☐	☐	*U.S. Army Corps of Engineers
☐	☐	☐	X	*State or Federal Affected Indian Reservation: _____
☐	☐	☐	X	Advisory Council on Historical Preservation
X	☐	☐	☐	Designated 208 Planning Agency
X	☐	☐	☐	Environmental Protection Agency (EPA)
☐	☐	X	☐	Texas Parks and Wildlife Department
x (only applies to new & major amend)	☐	☐	☐ (only applies to renewals and minor amend)	Adjacent Landowner's List
☐	☐	☐	☒	Attached list of Industrial Users identified in an application of a POTW
X	☐	☐	☐	EPA area mailing list
X	☐	☐	☐	TCEQ standard mailing list (county, city, comments, etc.)
☐	☐	☐	☒	Other_____

Notice Instructions with Comment Period:

X Send notice to applicant with instructions to publish in the newspaper.

(The facility is classified by EPA as a Major and notice was published giving opportunity to request hearing, but they must publish the interim short notice giving opportunity to request public meeting/public comments.) *Or (Notice has never been published so publishing in the newspaper giving opportunity to request hearing is needed.)*

X Comment period is 30 days from the date the notice was published in the newspaper.

☐ Send notice **not requiring** them to publish in the newspaper - only mailed notice.

(Facilities classified by EPA as a minor are not required to publish the interim short notice if the previous full notice had been published - only mailed notice is required).

☐ Comment period is 30 days from the date the notice is mailed.
☐ Comment period is 10 days from the date the notice is mailed (minor modification only)

☐ Publish notice in the Texas Register

(applies only to facilities classified by EPA as major with minor amendment application)

☐ Comment period is 30 days from the date the notice is published in the Texas Register.

X EPA was mailed draft on 6/9/2025; EPA has 45 days from date of receipt to file comments

Or

☐ EPA waived review of draft

☐ Hearing Requests were previously received;
If draft permit was subject to EPA's review, notify Industrial/Municipal Permit Team Leader that the item is ready to be set on **Commissioner's Agenda**; Permitting will verify that EPA's comment period has expired and no changes are necessary.

Or

☒ No Hearing Requests were previously received;
If draft permit was subject to EPA's review, notify Industrial/Municipal Permit Team Leader that the item is ready to be set on **Executive Director's Agenda** for final approval; Permitting will verify that EPA's comment period has expired and no changes are necessary.

☐ **Special processing required**

☐ **Since notice was previously mailed, include the attached "special letter" with the notice.**

☒ **Once permit is issued and final processing is complete:**

X After **final** action by the Executive Director/Commission (issued, denied, remanded to ED) the permit file needs to be returned to the Registration, Review and Reporting, Applications Team within five days after permit issuance.

Applicant & Their Contacts during Application Process
Mailing List for Notice

TCEQ Permit No. WQ0003017000

Applicant Information

Legal Name of Facility Owner Pilgrim's Pride Corporation

Co-permittee (if required) City of Mount Pleasant

Permit Mailing Address 1770 Promontory Circle
Greeley, Colorado 80634

Customer No.: CN601276660 Regulated Entity No.: RN102184041

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Applicant's Representative(s) or Contact Person during Application Process

Mr. Jacob Cochran
Project Engineer
Woodruff & Howe Environmental Engineers, Inc.
4405 Canton Highway
Cumming, Georgia 30040

Phone: 770-844-0037
Email: jcochran@wheeinc.com

Mr. Tyson Clark
Complex Environmental Manager
Pilgrim's Pride Corporation
P.O. Box 1268
Mount Pleasant, Texas 75456
Phone: 903-575-3176
Email: tyson.clark@pilgrims.com

Notice To Be Published By

Mr. Tyson Clark
Complex Environmental Manager
Pilgrim's Pride Corporation
P.O. Box 1268
Mount Pleasant, Texas 75456

Phone: 903-575-3176
Email: tyson.clark@pilgrims.com

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Fixed State Mailing List (By Chief Clerk) SB 709 (X) N/A - Minor Amendment ( )

County Mailing List Titus

City to Be Notified for Plant Mount Pleasant

City to Be Notified for Outfall and/or Disposal Site Mount Pleasant

Coastal Zone Management Plan () Yes (X) No (If yes, check notice rqmts for new & maj amend)

Notice to GLO ( ) Yes (X) No

Adjacent/Downstream Landowners List Plus Interested Persons

Landowner Mailing List Attached (X) Yes () No

Bilingual Notice Required (X) Yes ( ) No Spanish

Notify Following County Judges Only If They Officially Requested to Be Notified of All Permit Actions

CID 133343

Senate Bill 709 (84th Legislative Session, 2015) amended the Texas Water Code by adding new Section 5.5553, which requires the Texas Commission on Environmental Quality (TCEQ) to provide written notice to you at least thirty (30) days prior to the TCEQ's issuance of draft permits for applications that are located in your district.

Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, which owns a poultry slaughtering and processing facility, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0003017000 (EPA I.D. No. TX0062936) to authorize a reduction in sampling frequency for five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), five-day biochemical oxygen demand (BOD5), ammonia, total nitrogen, conductivity, oil and grease, and E.coli from three times per week to weekly sampling. The facility is located at 664 Farm-to-Market Road 127, Mount Pleasant, in Titus County, Texas 75455. The discharge route is from the plant site to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin. TCEQ received this application on May 1, 2023. The permit application will be available for viewing and copying at City of Mount Pleasant, Texas Public Library, 601 North Madison Avenue, Mount Pleasant, Texas prior to the date this notice is published in the newspaper. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.995555,33.138888&level=18

Alternative language notice in Spanish is available at https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

TCEQ is preparing the initial draft permit. At the time the draft permit is issued, the applicant will be required to publish notice in a newspaper of general circulation, and the TCEQ will provide a copy of the notice of draft permit to persons who have requested to be on a mailing list.

Questions regarding this application may be directed to Ms. Alyssa Loveday by calling 512-239-4524.

Issuance Date: February 23, 2024

Notice was emailed at 11:58 AM on 02/23/2024 to Bryan.hughes@senate.texas.gov, Cole.hefner@house.texas.gov, PUBCOMMENT-WQ@TCEQ.TEXAS.GOV

Chief Clerk's Office, MC 105
Texas Commission on
Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

OFFICIAL BUSINESS
STATE OF TEXAS
PENALTY FOR
PRIVATE USE

US POSTAGE PITNEY BOWES
ZIP 78753 $ 000.63⁰
02 4W
0000360444 AUG 02 2023

NOKI
WQ0003017000

[redacted]

NIXIE 759 DE 1 0008/02/23
RETURN TO SENDER
ATTEMPTED - NOT KNOWN
UNABLE TO FORWARD
BC: 78711308787 *2182-01763-09-17

FIELD SUPERVISOR
US FISH & WILDLIFE SERVICE
STE 140
2005 NE GREEN OAKS BLVD
ARLINGTON TX 76006-2601

Chief Clerk's Office, MC 105
Texas Commission on
Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

OFFICIAL BUSINESS
STATE OF TEXAS
PENALTY FOR
PRIVATE USE

US POSTAGE
ZIP 78753 $ 000.63⁰
02 4W
0000360444 AUG 02 2023

NORI
WQ0003017000

0008/09/23

NIXIE 787 DE 1
RETURN TO SENDER
VACANT
UNABLE TO FORWARD
BC: 78711308787 *0893-02487-09-25

MR JEFFREY S REED
LLOYD GOSSELINK ROCHELLE & TOWNS
STE 1900
816 CONGRESS AVE
AUSTIN TX 78701-2442

VAC
78711>3087

TCEQOFFICE OF THE CHIEF CLERK
MC105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 787113087

Applicant Name: Pilgrim's Pride Corporation
Permit No.: WQ0003017000

PUBLISHER'S AFFIDAVIT
FOR WATER QUALITY PERMITS

STATE OF TEXAS §
COUNTY OF Titus §

Before me, the undersigned authority, on this day personally appeared

Miranda Oglesby who being by me duly sworn, deposes
(name of person representing newspaper)

and says that **(s)**he is the General Manager
(title of person representing newspaper)

of the Mount Pleasant Tribune; that this newspaper is a newspaper of
(name of newspaper)

largest circulation in Titus County, Texas or is
(name of county)

a newspaper of general circulation in Mt. Pleasant,
(name of municipality)

Texas; and that the enclosed notice was published in said newspaper on the following date**(s)**:

(newspaper representative's signature)

Subscribed and sworn to before me this the 9 day of August

20 23.

(Seal)

CHRISTIE BURNETT
Notary Public, State of Texas
Comm. Expires 07-28-2026
Notary ID 133881888

Notary Public in and for the State of Texas

Christie Burnett
Print or Type Name of Notary Public

My Commission Expires 07-28-2024



Tending God's lovely creation

By ROGER AND SUE FARR
Contributing Writers

Summertime Chores

Heat + Moisture = plant growth. Trees, shrubs, flowers, vines, weeds, grass, bushes, and groundcover are growing quickly, and much of that growth needs care NOW. We either rise very early to do summertime gardening chores, or we enjoy the cool mornings inside and then meet heat full-on at a more convenient time. Summertime gardening chores are no longer fun.



A freezer full of fruit

Heat + Moisture = fruit production. Blackberries have finished, and blueberries are just hanging on. Pears are beginning to ripen. Grapes are ready now, but muscadines are not. Jujubes look to be ripe in August, almost a month earlier than usual. Apples are beginning to drop. We are making jam, canning juice, freezing slices, making pies, and eating fresh fruit at every meal. Still, there is always something to harvest, wash, prepare, and store. Summertime canning is no longer fun.

Heat + Moisture = need to water. Most of our plants are drought tolerant, but some have tolerated about as much as they can. Looks like we'll be dragging hoses this week. We can't help pecan, chestnut, or almond trees; their roots reach underground water, and most are thriving. Berries are on drip irrigation. We do hand water plants in our propagation area, since most are in one to five-gallon pots. We tuck the pots under trees for shade and irrigate from rain collected in storage tanks. The irrigation system for turf and flower beds around the house run once a week. Kordes-brand roses near the street need water once or twice monthly, but Vitex and American Beautyberry nearby handle low-moisture well. Summertime watering is no longer fun.



Replacing termite-ridden posts

Heat + Moisture = decayed wood. Every property in northeast Texas either had termites, has termites, or will have termites. We recently replaced three 8-foot 4 by 4 posts; termites tunneled into the wood, and the poles quietly lay prone on the mulch. Using the post-hole digger in sand is not very difficult or tiring, but dealing with the grape vines/climbing rose/blackberry vines near the posts increase the job time and decrease our enthusiasm. Summertime post hole digging is no longer fun.

Heat + Moisture = grass growth. Neighbors have cut their hay and have beautiful round bales to show for it. One of us mows weekly and produces a neat, level, beautiful shades of green "lawn" for a few days. Then, other things pop up, and it's time to take the tractor on another round, another round, and another round. He enjoys the solitude, time to think, and friends honking as they drive past, but it is many hours of work. Summertime mowing is no longer fun.



COURTESY PHOTOS

Heat + moisture = children's joy. Thank You, God, for creating summer in its time.

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECEPCIÓN DE LA SOLICITUD Y LA INTENCIÓN DE OBTENER CALIDAD DEL AGUA PERMISO MODIFICACION

PERMISO NO. WQ0003017000

SOLICITUD. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para modificar el Permiso No. WQ0003017000 del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 3,500,000 galones por día. La planta está ubicada 664 Farm-to-Market Road 127 en el Condado de Titus, Texas 75455. La TCEQ recibió esta solicitud el día 1 de mayo de 2023. La solicitud para el permiso estará disponible para leerla y copiarla en 601 North Madison Avenue, Mount Pleasant, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.995555,33.138888&level=18

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

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

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

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

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

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

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente via http://www14.tceq.texas.gov/epic/eComment/ o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Pilgrim's Pride Corporation a la dirección indicada arriba o llamando a Tyson Clark al 903-575-3176.

Fecha de emisión 1 de agosto de 2023

TCEQOFFICE OF THE CHIEF CLERK
MC105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 787113087
Applicant Name: Pilgrim's Pride Corporation
Permit No.: WQ0003017000

ALTERNATIVE LANGUAGE
PUBLISHER'S AFFIDAVIT

STATE OF TEXAS §
COUNTY OF Titus §

Before me, the undersigned notary public, on this day personally appeared Miranda Oglesby, who being by me duly sworn, deposes
(name of person representing newspaper)

and says that (s)he is the General Manager of the
(title of person representing newspaper)

Mount Pleasant Tribune; that said newspaper is
(name of newspaper)

generally circulated in Titus County, Texas and
(same county as proposed facility)

is published primarily in Mt. Pleasant language; that the
(alternative language)

enclosed notice was published in said newspaper on the following date(s):

August 9, 2023.

Subscribed and sworn to before me this the 14 day of August,

20 23, by [signature]
(newspaper representative's signature)

(Seal)

CHRISTIE BURNETT
Notary Public, State of Texas
Comm. Expires 07-28-2026
Notary ID 133881888

Christie Burnett
Notary Public in and for the State of Texas

Christie Burnett
Print or Type Name of Notary Public

My Commission Expires 07-28-2026

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Receipt of Application and Intent to Obtain Permit (NORI)
Water Quality Permit

All applicants must complete this page.

TCEQ OCC

Applicant Name: James C Howell

Site or Facility Name: Southwest Wastewater Treatment Plant

19AUG '23 10:26

Water Quality Permit Number: WQ0003017000

Regulated Entity Number: RN 102499902 Customer Number: CN 601276660

PUBLIC VIEWING LOCATION

I certify that a copy of the complete water quality application, and all revisions, were placed at the following public place for public viewing and copying. I understand that the copy will remain available at the public place from the 1st day of publication of the NORI until the end of the designated comment period. I further understand that the copy will be updated with any revisions to the application.

Name of Public Place: Mount Pleasant Public Library

Address of Public Place: 601 North Madison

Applicant or Applicant Representative Signature: James C Howell

Title: Waste water Manager Date: 08/09/2023

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Receipt of Application and Intent to Obtain Permit (NORI)
Water Quality Permit

Complete this page only if you are required to publish in an alternative language and are not able to do so.

Applicant Name:

Site or Facility Name:

Water Quality Permit Number:

Regulated Entity Number: RN Customer Number: CN

ALTERNATIVE LANGUAGE EXEMPTION

I certify that I have conducted a diligent search for a newspaper or publication of general circulation in both the municipality and county in which the facility is located or proposed to be located and was unable to publish the notice in the required alternative language because:

☐ A newspaper or publication could not be found in any of the alternative languages in which notice is required.

☒ The publishers of the newspapers listed below refused to publish the notice as requested, and another newspaper or publication in the same language and of general circulation could not be found in the municipality or county in which the facility is located or proposed to be located.

Newspaper Name:

Language:

Applicant or Applicant Representative Signature: _____

Title: _____ Date: _____

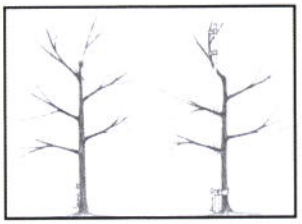
Answering Your Questions - 3



Tending God's lovely creation

By ROGER AND SUE FARR
Contributing Writers

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First, determine why it died, if you can. If the tree has a virus or disease, then it is best to remove the whole tree. If it is simply mechanical damage, then you can just trim out the dead branches and attempt to pull a supple live branch to the upright position to re-establish a central leader for the tree. Both answers assume the tree is ten feet or less; if you have a large pecan, please call a professional arborist.

Q11 – I just planted a new tree and a woody perennial. What nutrients should I have added at planting?

August is a difficult time to plant trees. If you have a choice, plant trees in late fall or winter. However, if you have already planted a tree, water it frequently and deeply, but do not add nutrients. Give the newly planted item about one inch equivalent of water a week over the root ball, or more since we are in drought conditions. Otherwise, do not provide fertilizer until February. First off, the plant needs to regrow the small "hairy" type roots that absorb nutrition; the tree lost those in the digging and planting. Second, any new growth now will not have time to harden off before winter and will simply die with the first freeze.

The picture shows the Texas Forest Service tree planning recommendations.

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Trees of this size never fully regain their stately appearance and full utility after damage, even if they come back from the remaining live portion. Find a good arborist to remove the entire tree before the dead portion breaks off in a strong wind and damages other trees or structures. Then, consult the Texas Forest Service Tree Selector at https://texastreeplanting.tamu.edu/ to discover great hearty, drought tolerant, disease resistant, native Texas shade-producing trees that fit your personal desires and location. Consider purchasing a two- or three-inch diameter, balled and burlapped tree, to get a several year head start on regrowing your shade. You will pay a bit more, but we think you'll be happier with the end result.

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We're glad you chose to grow pomegranates in northeast Texas! Check the fruit and nut section of aggie-horticulture.tamu.edu for the varieties they recommend. We've had success and good cold tolerance with the Russian varieties. The California variety, Wonderful, does not seem to do well here.

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

NOTICE OF RECEIPT OF INTENT TO OBTAIN WATER

APPLICATION AND QUALITY PERMIT AMENDMENT

PERMIT NO. WQ0003017000

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ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

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.**

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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.

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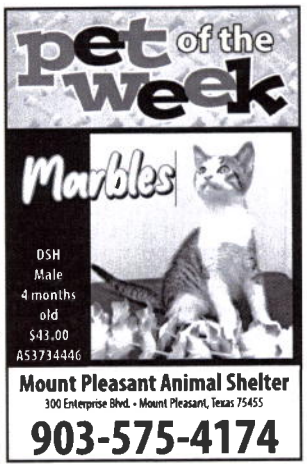
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Issuance Date: August 1, 2023



TCEQOFFICE OF THE CHIEF CLERK
MC105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 787113087

Applicant Name: Pilgrim's Pride Corporation
Permit No.: WQ0003017000

PUBLISHER'S AFFIDAVIT
FOR WATER QUALITY PERMITS

STATE OF TEXAS §
COUNTY OF Titus §

Before me, the undersigned authority, on this day personally appeared

Miranda Oglesby who being by me duly sworn, deposes
(name of person representing newspaper)

and says that **(s)**he is the General Manager
(title of person representing newspaper)

of the Mount Pleasant Tribune; that this newspaper is a newspaper of
(name of newspaper)

largest circulation in Titus County, Texas or is
(name of county)

a newspaper of general circulation in Mt. Pleasant,
(name of municipality)

Texas; and that the enclosed notice was published in said newspaper on the following date**(s)**:

(newspaper representative's signature)

Subscribed and sworn to before me this the 9 day of August

2023.

Christie Burnett
Notary Public in and for the State of Texas

(Seal)
CHRISTIE BURNETT
Notary Public, State of Texas
Comm. Expires 07-28-2026
Notary ID 133881888

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Print or Type Name of Notary Public

My Commission Expires 07-28-2024

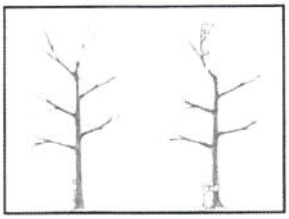
Answering Your Questions - 3



Tending God's lovely creation

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Issuance Date: August 1, 2023



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MC105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 787113087
Applicant Name: Pilgrim's Pride Corporation
Permit No.: WQ0003017000

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20 23, by _____
(newspaper representative's signature)

(Seal)

CHRISTIE BURNETT
Notary Public, State of Texas
Comm. Expires 07-28-2026
Notary ID 133881888

Christie Burnett
Notary Public in and for the State of Texas

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Contributing Writers

Summertime Chores

Heat + Moisture = plant growth. Trees, shrubs, flowers, vines, weeds, grass, bushes, and groundcover are growing quickly, and much of that growth needs care NOW. We either rise very early to do summertime gardening chores, or we enjoy the cool mornings inside and then meet heat full-on at a more convenient time. Summertime gardening chores are no longer fun.



A freezer full of fruit

Heat + Moisture = fruit production. Blackberries have finished, and blueberries are just hanging on. Pears are beginning to ripen. Grapes are ready now, but muscadines are not. Jujubes look to be ripe in August, almost a month earlier than usual. Apples are beginning to drop. We are making jam, canning juice, freezing slices, making pies, and eating fresh fruit at every meal. Still, there is always something to harvest, wash, prepare, and store. Summertime canning is no longer fun.

Heat + Moisture = need to water. Most of our plants are drought tolerant, but some have tolerated about as much as they can. Looks like we'll be dragging hoses this week. We can't help pecan, chestnut, or almond trees; their roots reach underground water, and most are thriving. Berries are on drip irrigation. We do hand water plants in our propagation area, since most are in one to five-gallon pots. We tuck the pots under trees for shade and irrigate from rain collected in storage tanks. The irrigation system for turf and flower beds around the house run once a week. Kordes-brand roses near the street need water once or twice monthly, but Vitex and American Beautyberry nearby handle low-moisture well. Summertime watering is no longer fun.



Replacing termite-ridden posts

Heat + Moisture = decayed wood. Every property in northeast Texas either had termites, has termites, or will have termites. We recently replaced three 8-foot 4 by 4 posts; termites tunneled into the wood, and the poles quietly lay prone on the mulch. Using the post-hole digger in sand is not very difficult or tiring, but dealing with the grape vines/climbing rose/blackberry vines near the posts increase the job time and decrease our enthusiasm. Summertime post hole digging is no longer fun.

Heat + Moisture = grass growth. Neighbors have cut their hay and have beautiful round bales to show for it. One of us mows weekly and produces a neat, level, beautiful shades of green "lawn" for a few days. Then, other things pop up, and it's time to take the tractor on another round, another round, and another round. He enjoys the solitude, time to think, and friends honking as they drive past, but it is many hours of work. Summertime mowing is no longer fun.



COURTESY PHOTOS

Heat + moisture = children's joy. Thank You, God, for creating summer in its time.

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECEPCIÓN DE LA SOLICITUD Y LA INTENCIÓN DE OBTENER CALIDAD DEL AGUA PERMISO MODIFICACION

PERMISO NO. WQ0003017000

SOLICITUD. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para modificar el Permiso No. WQ0003017000 del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 3,500,000 galones por día. La planta está ubicada 664 Farm-to-Market Road 127 en el Condado de Titus, Texas 75455. La TCEQ recibió esta solicitud el día 1 de mayo de 2023. La solicitud para el permiso estará disponible para leerla y copiarla en 601 North Madison Avenue, Mount Pleasant, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.995555,33.138888&level=18

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

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

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

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

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

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

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía http://www14.tceq.texas.gov/epic/eComment/ **o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaria (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087.** Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, **llame** al programa de educación pública de la TCEQ, gratis al 1-800-687-4040. Si **desea** información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Pilgrim's Pride Corporation a la dirección indicada arriba o llamando a Tyson Clark al 903-575-3176.

Fecha de emisión 1 de agosto de 2023

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Receipt of Application and Intent to Obtain Permit (NORI)
Water Quality Permit

All applicants must complete this page.

Applicant Name: James c Howell

Site or Facility Name: South West Wastewater Treatment Plant

Water Quality Permit Number: WQ0003017000

Regulated Entity Number: RN 102499902 Customer Number: CN 601276660

PUBLIC VIEWING LOCATION

I certify that a copy of the complete water quality application, and all revisions, were placed at the following public place for public viewing and copying. I understand that the copy will remain available at the public place from the 1st day of publication of the NORI until the end of the designated comment period. I further understand that the copy will be updated with any revisions to the application.

Name of Public Place: Mount Pleasant Public Library

Address of Public Place: 601 North Madison

Applicant or Applicant Representative Signature: James c Howell

Title: Waste water Manager Date: 08/09/2023

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Receipt of Application and Intent to Obtain Permit (NORI)
Water Quality Permit

Complete this page only if you are required to publish in an alternative language and are not able to do so.

Applicant Name:

Site or Facility Name:

Water Quality Permit Number:

Regulated Entity Number: RN Customer Number: CN

ALTERNATIVE LANGUAGE EXEMPTION

I certify that I have conducted a diligent search for a newspaper or publication of general circulation in both the municipality and county in which the facility is located or proposed to be located and was unable to publish the notice in the required alternative language because:

- ☐ A newspaper or publication could not be found in any of the alternative languages in which notice is required.
- ☒ The publishers of the newspapers listed below refused to publish the notice as requested, and another newspaper or publication in the same language and of general circulation could not be found in the municipality or county in which the facility is located or proposed to be located.

  Newspaper Name:

  Language:

Applicant or Applicant Representative Signature: _____

Title: _____ Date: _____

Laurie Gharis

From: Howell, James <James.Howell@jbssa.com>
Sent: Wednesday, August 16, 2023 12:58 PM
To: PROOFS
Subject: Public notice verification forms submitted
Attachments: TCEQ Public Notice Verification Form 2023.pdf

James C Howell
Southwest Waste water Treatment Plant
Pilgrim's
WQ003017000

I have attached our public notice verification forms for the renewal permit we have submitted.

Thanks
James Howell

Waste water Manager

Disclaimer

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and delete the material from any computer. This email has been checked for viruses. However, JBS USA Food Company and its constituent companies cannot accept responsibility for loss or damages arising from use of this email or attachments and we recommend that you subject these to your virus checking procedures prior to use.

Chief Clerk's Office, MC 105
Texas Commission on
Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

OFFICIAL BUSINESS
STATE OF TEXAS
PENALTY FOR
PRIVATE USE

US POSTAGE
ZIP 78753 $ 000.63⁰
02 4W
0000360444 AUG 02 2023

NIXIE 750 DE 1 0008/15/23
RETURN TO SENDER
VACANT
UNABLE TO FORWARD
BC: 78711308787 *2182-02257-15-40

RICHEY BIRDIE NELL
3054 VILLA SUR TRL
DALLAS TX 75228

TCEQ ENVIRONMENTAL QUALITY
2023 AUG 23 PM 3:15
CHIEF CLERKS OFFICE

NORI
WQ0003017000 AC 87

V
78711>36

Chief Clerk's Office, MC 105
Texas Commission on
Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

OFFICIAL BUSINESS
STATE OF TEXAS
PENALTY FOR
PRIVATE USE

US POSTAGE PITNEY BOWES
ZIP 78753 $ 000.63⁰
02 4W
0000360444 AUG 02 2023

NORI
WQ0003017000

16AUG '23 11:08

TCEQ DCC

MIXIE 758 DE 1 0008/09/23

RETURN TO SENDER
ATTEMPTED - NOT KNOWN
UNABLE TO FORWARD

BC: 78711308787 *2182-01763-09-17

FIELD SUPERVISOR
US FISH & WILDLIFE SERVICE
STE 140
2005 NE GREEN OAKS BLVD
ARLINGTON TX 76006-2601

WQ STANDARD MAIL LIST

APPLICANT:	Other Applicant Representatives:	
MR TYSON CLARK	MR TYSON CLARK	MR JACOB COCHRAN
PILGRIMS PRIDE CORPORATION	PILGRIMS PRIDE CORPORATION	WOODRUFF & HOWE ENVIRONMENTAL ENGINEERS INC
PO BOX 1268	PO BOX 1268	4405 CANTON HWY
MOUNT PLEASANT, TX 75456-1268	MOUNT PLEASANT, TX 75456-1268	CUMMING, GA 30040-4342

PERMIT #: WQ0003017000		
BASIN:	PERMITTEE:	PILGRIMS PRIDE CORPORATION
REGION: 5		
COUNTY: TITUS	TO BE PUBLISHED BY:	MR TYSON CLARK
DATE NOTICE MAILED: Augsut 2, 2023	CCO #: 133343	NOTICE TECH INITIALS: KIMOORE

EVELYN ROSBOROUGH
USEPA REGION 6
1445 ROSS AVE STE 1200
MAIL CODE 6WQ
DALLAS TX 75202-2733
rosborough.evelyn@epa.gov
(Rosborough only gets notices with TPDES language.)

CYRUS REED PHD
LONE STAR CHAPTER SIERRA CLUB
PO BOX 4998
AUSTIN TX 78765
cyrus.reed@sierraclub.org

MYRON J HESS
1705 MARGARET ST
AUSTIN TX 78704
myron@myronhess.com

AMANDA FULLER
NATIONAL WILDLIFE FEDERATION
505 E HUNTLAND DR STE 485
AUSTIN TX 78752
fullera@nwf.org

ANNE ROGERS
COASTAL FISHERIES DIVISION – FPP
TEXAS PARKS AND WILDLIFE
INTERAGENCY MAIL
wqnotice@tpwd.state.tx.us

SARA THORNTON
LLOYD GOSSELINK ROCHELLE & TOWNSEND
816 CONGRESS AVE STE 1900
AUSTIN TX 78701
sthornton@lglawfirm.com

RAILROAD COMMISSION OF TEXAS
TECHNICAL PERMITTING, ENVIRONMENTAL SUPPORT
INTERAGENCY MAIL

DONNA MCCARVER
ARCHEOLOGY DIVISION
TEXAS HISTORICAL COMMISSION
INTERAGENCY MAIL
donna.mccarver@thc.texas.gov

NICHOLE SAUNDERS
ENVIRONMENTAL DEFENSE FUND
5400 MUSKET RDG
AUSTIN, TX 78759
nsaunders@edf.org

DAVID T VILLARREAL PH.D.
ENVIRONMENTAL QUALITY PROGRAM
TEXAS DEPARTMENT OF AGRICULTURE
INTERAGENCY MAIL

HEIDI BOJES PH.D.
TEXAS DEPARTMENT OF STATE HEALTH SERVICES
INTERAGENCY MAIL
heidi.bojes@dshs.state.tx.us
(Bojes gets IHW, MSW, and WQ notices.)

LESLIE KOZA
GRANT PROGRAM AND SUPPORT DIVISION
COASTAL RESOURCES PROGRAM
TEXAS GENERAL LAND OFFICE
INTERAGENCY MAIL
federal.consistency@glo.texas.gov
(KOZA only gets notices with CMP language.)

MICHAEL BOOTH
5701 W SLAUGHTER A130-404
AUSTIN TX 78749

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0003017000

APPLICATION. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, which owns a poultry slaughtering and processing facility, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0003017000 (EPA I.D. No. TX0062936) to authorize a reduction in sampling frequency for five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), five-day biochemical oxygen demand (BOD5), ammonia, total nitrogen, conductivity, oil and grease, and E.coli from three times per week to weekly sampling. The facility is located at 664 Farm-to-Market Road 127, Mount Pleasant, in Titus County, Texas 75455. The discharge route is from the plant site to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin. TCEQ received this application on May 1, 2023. The permit application will be available for viewing and copying at City of Mount Pleasant, Texas Public Library, 601 North Madison Avenue, Mount Pleasant, Texas prior to the date this notice is published in the newspaper. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.995555,33.138888&level=18

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

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.**

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. 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 Pilgrim's Pride Corporation at the address stated above or by calling Mr. Tyson Clark, Complex Environmental Manager, at 903-575-3176.

Issuance Date: August 1, 2023

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECEPCIÓN DE LA SOLICITUD Y LA INTENCIÓN DE OBTENER CALIDAD DEL AGUA PERMISO MODIFICACION

PERMISO NO. WQ0003017000

SOLICITUD. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para modificar el Permiso No. WQ0003017000 del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 3,500,000 galones por día. La planta está ubicada 664 Farm-to-Market Road 127 en el Condado de Titus, Texas 75455. La TCEQ recibió esta solicitud el día 1 de mayo de 2023. La solicitud para el permiso estará disponible para leerla y copiarla en 601 North Madison Avenue, Mount Pleasant, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.995555,33.138888&level=18

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

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

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

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia

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

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía http://www14.tceq.texas.gov/epic/eComment/ o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Pilgrim's Pride Corporation a la dirección indicada arriba o llamando a Tyson Clark al 903-575-3176.

Fecha de emisión 1 de agosto de 2023

GARRETSON JOHNNY M
947 FARM ROAD 899
MOUNT PLEASANT TX 75455-9229

TEXAS DEPT OF TRANSPORTATION
7600 WASHINGTON AVE
HOUSTON TX 77007

DOUGLAS PEGGY JEAN &
DANNY EDGAR DOUGLAS LTE
464 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455-9111

PILGRIMS PRIDE CORPORATION
1770 PROMONTORY CIRCLE
GREELEY CO 80634

MENDOZA JOSE & GABRIELA
559 CR 1314
MOUNT PLEASANT TX 75455

VILLARREAL C&M FAMILY LTD
216 MARKET AV STE 115
BOERNE TX 78006

JORGE HUMBERTO PEREZ &
PERLA RUIZ DE PEREZ
1522 SUGAR FORD WAY
JOILET IL 60433

RICHEY BIRDIE NELL
3054 VILLA SUR TRL
DALLAS TX 75228

CITY OF MT PLEASANT TEXAS
501 N MADISON
MOUNT PLEASANT TX 75455-3650

DYKE RANDALE & MCCALL
407 N MADISON AVENUE
MOUNT PLEASANT TX 75455-3948

LOPEZ GABRIEL
160 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455

MCGUIRE DEBRA GLOVER
165 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455

PMCI PROPERTIES II LP
PO BOX 1540
MT PLEASANT TX 75456-1540

GLOVER FRANK M ESTATE
165 COUNTY ROAD 2120
MOUNT PLEASANT TX 75456-0287

CALDWELL WILLIAM HARGROVE
408 REDBUD LN
MOUNT PLEASANT TX 75455-5757

CALDWELL ALFRED MYLES
1024 VZCR 1923
FRUITVALE TX 75127

CALDWELL CHARLES SARGENT JR
2370 FM 127
MOUNT PLEASANT TX 75455

THE HONORABLE BRYAN HUGHES
TEXAS SENATE
DISTRICT ROOM 3E.8
TEXAS STATE CAPITOL
Bryan.hughes@senate.texas.gov

THE HONORABLE COLE HEFNER
TEXAS HOUSE OF REPRESENTATIVES
DISTRICT ROOM E2.718
TEXAS STATE CAPITOL
Cole.hefner@house.texas.gov

WQ0003017000 State 08/02/2023

CITY OF MOUNT PLEASANT
HEALTH OFFICIAL
501 N MADISON AVE
MOUNT PLEASANT TX 75455-3650

CITY OF MOUNT PLEASANT
MAYOR
501 N MADISON AVE
MOUNT PLEASANT TX 75455-3650

city

ENVIRO RESOURCE PLANNER
ARK-TEX COUNCIL OF GOVT
PO BOX 5307
TEXARKANA TX 75505-5307

NORTHEAST TEXAS MUNICIPAL WATE
PO BOX 955
HUGHES SPRINGS TX 75656-0955

PUBLIC HEALTH REGION 4/5
TEXAS DEPARTMENT OF STATE HEAL
2521 W FRONT ST
TYLER TX 75702-7708

TITUS COUNTY FRESH WATER SUPPL
PO BOX 650
MOUNT PLEASANT TX 75456-0650

TITUS COUNTY HEALTH AUTHORITY
100 W 1ST ST
MT PLEASANT TX 75455-4452

TITUS COUNTY JUDGE
COUNTY COURTHOUSE
100 W 1ST ST STE 200
MOUNT PLEASANT TX 75455-4400

US ARMY CORPS OF ENGINEERS REG
CESWS-PER-R
PO BOX 17300
FORT WORTH TX 76102-0300

FIELD SUPERVISOR
US FISH & WILDLIFE SERVICE
STE 140
2005 NE GREEN OAKS BLVD
ARLINGTON TX 76006-2601

county

ERIC ALLMON
PERALES ALLMON & ICE PC
1206 SAN ANTONIO ST
AUSTIN TX 78701-1834

MR GEOFFREY P KIRSHBAUM
TERRILL & WALDROP
810 W 10TH ST
AUSTIN TX 78701-2005

RICHARD W LOWERRE
FREDERICK PERALES ALLMON & ROCKWE
1206 SAN ANTONIO ST
AUSTIN TX 78701-1834

BENNIE GAIL POWER
PO BOX 9352
MIDLAND TX 79708-9352

MR JEFFREY S REED
LLOYD GOSSELINK ROCHELLE & TOWNSEI
STE 1900
816 CONGRESS AVE
AUSTIN TX 78701-2442

MRS EDITH A SANDERS & MR A E SMITH
DBA AE RANCH
PO BOX 744
MOUNT PLEASANT TX 75456-0744

SAL SOLIS
PO BOX 398
HOUSTON TX 77001-0398

SAL GIOVANNI SOLIS
PO BOX 920648
HOUSTON TX 77292-0648

WQ0003017000 IPI PROT 08/02/2023

Kim Moore

From: Rachel Ximenez
Sent: Tuesday, August 1, 2023 11:45 AM
To: OCC-WQ
Cc: Georgia Carroll-Warren
Subject: KM - NORI PACKET FOR PERMIT NO. WQ0003017000-Pilgrim's Pride Corporation
Attachments: 20244-NORI PNV .docx; NORI INSTRUCTIONS-2021.docx; WQ0003017000 Affidavits.docx; WQ0003017000 Letter.pdf; pilgrimspridecorporation-pilgrimspridesouthwestwwtp-wq0003017000-nori-eng.docx; pilgrimspridecorporation-pilgrimspridesouthwestwwtp-wq0003017000-nori-esp.docx; pilgrimspridecorporation-pilgrimspridesouthwestwwtp-wq0003017000-landowners.docx; WQ0003017000 Contact.docx

Importance: High

Importance: High

Permit No. WQ0003017000

Applicants are required to publish the Notice of Receipt of Application and Intent to Obtain a Water Quality Permit within 30 days of the application being declared administratively complete.

Attached is:

- Letter of Declaration of Administrative Completeness
- Instructions of Public Notice
- Notice of Receipt of Application and Intent to Obtain a Water Quality Permit
- Affidavit of Publication
- Public Notice Verification Form
- Notice of Receipt of Application and Intent to Obtain a Water Quality Permit in Spanish Language (if applicable)

Thank you,

Rachel L Ximenez
Texas Commission on Environmental Quality
Water Quality Division
Application Review & Processing Team
Rachel.Ximenez@tceq.texas.gov

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Kelly Keel, *Interim Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 1, 2023

Mr. Tyson Clark
Complex Environmental Manager
Pilgrim's Pride Corporation
P.O. Box 1268
Mount Pleasant, Texas 75456

RE: Declaration of Administrative Completeness
Applicant Name: Pilgrim's Pride Corporation (CN601276660)
Permit No.: WQ0003017000 (EPA I.D. No. TX0062936)
Site Name: Pilgrim's Pride Southwest WWTP (RN102184041)
Type of Application: Major Amendment with Renewal

Dear Mr. Clark:

The executive director has declared the above referenced application, received on May 1, 2023, administratively complete on August 1, 2023.

You are now required to publish notice of your proposed activity and make a copy of the application available for public review. The following items are included to help you meet the regulatory requirements associated with this notice:

- Instructions for Public Notice
- Notice for Newspaper Publication
- Public Notice Verification Form
- Publisher's Affidavits

You must follow all the directions in the enclosed instructions. The most common mistakes are the unauthorized changing of notice, wording, or font. If you fail to follow these instructions, you may be required to republish the notices.

The following requirements are also described in the enclosed instructions. However, due to their importance, they are highlighted here as well.

1. Publish the enclosed notice within **30 calendar days** after your application is declared administratively complete. (See this letter's first paragraph for the declaration date.) **You may be required to publish the notice in more than one newspaper, including a newspaper published in an alternative language, to satisfy all of the notice requirements.**

2. On or before the date you publish notice, place a copy of your permit application in a public place in the county where the facility is or will be located. This copy must be accessible to the public for review and copying, must be updated to reflect changes to the application, and must remain in place throughout the comment period.

3. For each publication, submit proof of publication of the notice that shows the publication date and newspaper name to the Office of the Chief Clerk within **30 calendar days** after notice is published in the newspaper.

4. Return the original enclosed Public Notice Verification and the Publisher's Affidavits to the Office of the Chief Clerk within **30 calendar days** after the notice is published in the newspaper.

If you do not comply with all the requirements described in the instructions, further processing of your application may be suspended, or the agency may take other actions.

If you have any questions regarding publication requirements, please contact the Office of Legal Services at (512) 239-0600. If you have any questions regarding the content of the notice, please contact Ms. Rachel Ximenez at (512) 239-4658.

Sincerely,

J Bowers

Jennifer E. Bowers
Section Manager, Water Quality Division Support, MC 148
Office of Water Quality
Texas Commission on Environmental Quality
PO BOX 13087
Austin, TX 78711

JEB/rlx

Enclosures

bcc: TCEQ Region 12, Water Program Manager

Texas Commission on Environmental Quality
Instructions for Public Notice for a Water Quality Permit
Notice of Receipt of Application and Intent to Obtain Permit (NORI)

Your application has been declared administratively complete. You must comply with the following instructions. There are seven (7) steps involved in publishing notice. Complete each step.

1. **REVIEW THE NOTICE FOR ACCURACY**

   Read the enclosed notice carefully and notify the Application Review and Processing Team at 512-239-4671 immediately if it contains any errors or omissions. You are responsible for ensuring the accuracy of all information published. Do not change the text or formatting of the notice or affidavit of publication without prior approval from the TCEQ. Changing the text or formatting of the notice may require new publication at your expense and delay processing of your application.

2. **PUBLISH THE NOTICE IN THE NEWSPAPER**

   You must publish the enclosed notice within 30 days after the date of administrative completeness. Refer to the cover letter for the date of administrative completeness.

   You must publish the enclosed notice at your expense, at least once in the newspaper of largest circulation within each county where the facility and discharge point are located or will be located. If the facility and discharge point are located or will be located in a municipality, the enclosed notice must be published at least once in a newspaper of general circulation in the municipality. These requirements may be satisfied by one publication if the newspaper meets all of the above requirements.

   The bold text of the enclosed notice must be printed in the newspaper in a font style or size that distinguishes it from the rest of the notice (i.e., bold, italics). Failure to do so may require re-notice.

3. **PUBLISH THE NOTICE IN AN ALTERNATIVE LANGUAGE**

   You must publish notice in an alternative language IF: either the elementary or middle school nearest to the facility or proposed facility is required to provide a "bilingual education program" (BEP) as required by Texas Education Code (TEC), Chapter 29, Subchapter B, and 19 Tex. Admin. Code §89.1205(a) AND one of the following conditions is met:

   - students are enrolled in a program at that school;
   - students from that school attend a bilingual education program at another location; or
   - the school that otherwise would be required to provide a bilingual education program has been granted an exception from the requirements to provide the program as provided for in 19 Tex. Admin. Code §89.1207(a).

   A "bilingual education program" is different from an "English as a second language program" (ESL). An ESL program alone, will not require public notice in an alternative language.

If triggered, you must publish the notice in a newspaper or publication primarily published in the alternative language taught in the bilingual education program. Publication in an alternative language section or insert within a large publication which is not printed primarily in that alternative language does not satisfy these requirements. The newspaper or publication must be of general circulation in the county in which the facility and discharge point are located or proposed to be located. If the facility and discharge point are located or proposed to be located in a municipality, and there exists a newspaper or publication of general circulation in the municipality, you must publish the notice only in the newspaper or publication in the municipality.

You must demonstrate a good faith effort to identify a newspaper or publication in the required language. If there is no general circulation newspaper or publication printed in such language, then publishing in that language is not required. You have the burden to demonstrate compliance with these requirements.

If you are required to publish notice in Spanish, you must translate the site-specific information in the notice that is specific to your application, at your own expense. You may then insert the Spanish translation of your site-specific information into a Spanish template developed by the TCEQ. The Spanish templates are available on the TCEQ website at http://www.tceq.texas.gov/permitting/wastewater/review/wqspanish_nori.html. If you are required to publish notice in a language other than Spanish, you must translate the entire public notice, at your own expense.

4. **PUT THE APPLICATION IN A PUBLIC PLACE**

You must put a copy of the administratively complete application in the public place identified in the enclosed notice.

This copy must be accessible to the public for review and copying beginning on the first day of newspaper publication and remain in place for the publication's designated comment period.

During the technical review, you must update the publicly available application so that it includes all application revisions within 10 business days from the date the revision is transmitted to the TCEQ.

For confidential information contained in the application, you must indicate which specific portions of the application cannot be made available to the public. These portions of the application must be accompanied with the following statement: "Any request for portions of this application that are marked as confidential must be submitted in writing, pursuant to the Public Information Act, to the TCEQ Public Information Coordinator, MC 197, P.O. Box 13087, Austin, Texas 78711-3087."

5. **PROVIDE PROOF OF PUBLICATION**

For each newspaper in which you published, you must submit proof of publication. Proof of publication must include the following:

- a completed Publisher's Affidavit (enclosed); and
- a copy of the published notice which shows the notice, the date published, and the newspaper name. The copy must be on standard-size 8½ x 11" paper and must show the actual size of the published notice. Do not reduce the

image when making copies. Published notices longer than 11" must be copied onto multiple 8½ x 11" pages. Or you can submit the original newspaper clipping.

If you are required to publish notice in an alternative language and are unable to do so, complete and submit the Alternative Language Exemption form (enclosed).

6. **PROVIDE PROOF OF APPLICATION VIEWING LOCATION**

   You must submit a completed Public Notice Verification Form (enclosed) which certifies that the administratively complete application was placed at the public place identified in the enclosed notice.

7. **SUBMIT PROOFS TO TCEQ**

   The proof of publication documents (Step 5) and the completed Public Notice Verification Form (Step 6) must be submitted to TCEQ within 30 days of publication.

   By email to: PROOFS@tceq.texas.gov

   OR by mail at:
   TCEQ
   Office of the Chief Clerk, MC 105
   Attn: Notice Team
   P.O. Box 13087
   Austin, Texas 78711-3087

   NOTE: If proofs are submitted by email, you do not have to mail in the original documents.

Additional Information

If you fail to publish the notice or submit proofs within the timeframes noted above, the TCEQ may suspend further processing on your application or take other actions in accordance with 30 Tex. Admin. Code §39.405(a).

If you have any questions regarding publication requirements, please contact the Office of Legal Services at 512-239-0600. If you have any questions regarding the content of the notice, please contact the Wastewater Permitting Section at 512-239-4671. When contacting TCEQ regarding this application, please refer to the permit number at the top of the enclosed notice.

If you wish to obtain an electronic copy of the notice, please visit our web site at http://www.tceq.texas.gov/agency/cc/cc_db.html or http://www.tceq.texas.gov/agency/cc/eda.html. Please be aware that formatting codes may be lost and that any notices downloaded from these web sites must be reformatted by you so that your downloaded copy looks like the notice document you received from us.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0003017000

APPLICATION. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, which owns a poultry slaughtering and processing facility, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0003017000 (EPA I.D. No. TX0062936) to authorize a reduction in sampling frequency for five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), five-day biochemical oxygen demand (BOD5), ammonia, total nitrogen, conductivity, oil and grease, and E.coli from three times per week to weekly sampling. The facility is located at 664 Farm-to-Market Road 127, Mount Pleasant, in Titus County, Texas 75455. The discharge route is from the plant site to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin. TCEQ received this application on May 1, 2023. The permit application will be available for viewing and copying at City of Mount Pleasant, Texas Public Library, 601 North Madison Avenue, Mount Pleasant, Texas prior to the date this notice is published in the newspaper. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.995555,33.138888&level=18

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

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.**

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. 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 Pilgrim's Pride Corporation at the address stated above or by calling Mr. Tyson Clark, Complex Environmental Manager, at 903-575-3176.

Issuance Date: August 1, 2023

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECEPCIÓN DE LA SOLICITUD Y LA INTENCIÓN DE OBTENER CALIDAD DEL AGUA PERMISO MODIFICACION

PERMISO NO. WQ0003017000

SOLICITUD. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para modificar el Permiso No. WQ0003017000 del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 3,500,000 galones por día. La planta está ubicada 664 Farm-to-Market Road 127 en el Condado de Titus, Texas 75455. La TCEQ recibió esta solicitud el día 1 de mayo de 2023. La solicitud para el permiso estará disponible para leerla y copiarla en 601 North Madison Avenue, Mount Pleasant, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.995555,33.138888&level=18

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

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

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

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

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

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia

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

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía http://www14.tceq.texas.gov/epic/eComment/ o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Pilgrim's Pride Corporation a la dirección indicada arriba o llamando a Tyson Clark al 903-575-3176.

Fecha de emisión 1 de agosto de 2023

TCEQ-OFFICE OF THE CHIEF CLERK
MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

Applicant Name: Pilgrim's Pride Corporation
Permit No.: WQ0003017000

PUBLISHER'S AFFIDAVIT
FOR WATER QUALITY PERMITS

STATE OF TEXAS §
COUNTY OF _____§

Before me, the undersigned authority, on this day personally appeared

_____ who being by me duly sworn, deposes
(name of person representing newspaper)

and says that **(s)**he is the_____
(title of person representing newspaper)

of the _____; that this newspaper is a newspaper of
(name of newspaper)

largest circulation in _____ County, Texas or is
(name of county)

a newspaper of general circulation in _____,
(name of municipality)

Texas; and that the enclosed notice was published in said newspaper on the following date**(s)**:

_____

_____
(newspaper representative's signature)

Subscribed and sworn to before me this the _____ day of _____,

20____.

(Seal)

_____
Notary Public in and for the State of Texas

_____
Print or Type Name of Notary Public

My Commission Expires _____

TCEQ-OFFICE OF THE CHIEF CLERK
MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

Applicant Name: Pilgrim's Pride Corporation
Permit No.: WQ0003017000

ALTERNATIVE LANGUAGE
PUBLISHER'S AFFIDAVIT

STATE OF TEXAS §
COUNTY OF _____ §

Before me, the undersigned notary public, on this day personally appeared

_____, who being by me duly sworn, deposes
(name of person representing newspaper)

and says that (s)he is the _____ of the
(title of person representing newspaper)

_____; that said newspaper is
(name of newspaper)

generally circulated in _____ County, Texas and
(same county as proposed facility)

is published primarily in _____ language; that the
(alternative language)

enclosed notice was published in said newspaper on the following date(s):

_____.

Subscribed and sworn to before me this the _____ day of _____,

20____, by _____
(newspaper representative's signature)

(Seal)

_____
Notary Public in and for the State of Texas

_____
Print or Type Name of Notary Public

My Commission Expires _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Receipt of Application and Intent to Obtain Permit (NORI)
Water Quality Permit

All applicants must complete this page.

Applicant Name:

Site or Facility Name:

Water Quality Permit Number:

Regulated Entity Number: RN Customer Number: CN

PUBLIC VIEWING LOCATION

I certify that a copy of the complete water quality application, and all revisions, were placed at the following public place for public viewing and copying. I understand that the copy will remain available at the public place from the 1st day of publication of the NORI until the end of the designated comment period. I further understand that the copy will be updated with any revisions to the application.

Name of Public Place:

Address of Public Place:

Applicant or Applicant Representative Signature: _____

Title: _____ Date: _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Receipt of Application and Intent to Obtain Permit (NORI)
Water Quality Permit

Complete this page only if you are required to publish in an alternative language and are not able to do so.

Applicant Name:

Site or Facility Name:

Water Quality Permit Number:

Regulated Entity Number: RN Customer Number: CN

ALTERNATIVE LANGUAGE EXEMPTION

I certify that I have conducted a diligent search for a newspaper or publication of general circulation in both the municipality and county in which the facility is located or proposed to be located and was unable to publish the notice in the required alternative language because:

☐ A newspaper or publication could not be found in any of the alternative languages in which notice is required.

☐ The publishers of the newspapers listed below refused to publish the notice as requested, and another newspaper or publication in the same language and of general circulation could not be found in the municipality or county in which the facility is located or proposed to be located.

Newspaper Name:

Language:

Applicant or Applicant Representative Signature: _____

Title: _____ Date: _____

Ximenez maj. amend w/renewal 5/1, 8/1, 8/1 8/2

CID# 133343

Applicant & Their Contacts during Application Process
Mailing List for Notice

TCEQ Permit No. WQ0003017000

Applicant Information

Legal Name of Facility Owner Pilgrim's Pride Corporation

Co-permittee (if required) City of Mount Pleasant

Permit Mailing Address 1770 Promontory Circle
Greeley, Colorado 80634

Customer No.: CN601276660 Regulated Entity No.: RN102184041

Contact Information

Applicant's Representative(s) or Contact Person during Application Process

Mr. Jacob Cochran
Project Engineer
Woodruff & Howe Environmental Engineers, Inc.
4405 Canton Highway
Cumming, Georgia 30040

Phone: 770-844-0037
Email: jcochran@wheeinc.com

Mr. Tyson Clark
Complex Environmental Manager
Pilgrim's Pride Corporation
P.O. Box 1268
Mount Pleasant, Texas 75456
Phone: 903-575-3176
Email: tyson.clark@pilgrims.com

Notice To Be Published By

Mr. Tyson Clark
Complex Environmental Manager
Pilgrim's Pride Corporation
P.O. Box 1268
Mount Pleasant, Texas 75456

Phone: 903-575-3176
Email: tyson.clark@pilgrims.com

Team lead?

Mailing Lists

Fixed State Mailing List (By Chief Clerk) SB 709 (X) N/A - Minor Amendment ( )

County Mailing List Titus

City to Be Notified for Plant Mount Pleasant

City to Be Notified for Outfall and/or Disposal Site Mount Pleasant

Coastal Zone Management Plan () Yes (X) No (If yes, check notice rqmts for new & maj amend)

Notice to GLO ( ) Yes (X) No

Adjacent/Downstream Landowners List Plus Interested Persons

Landowner Mailing List Attached (X) Yes () No

Bilingual Notice Required (X) Yes ( ) No Spanish

Notify Following County Judges Only If They Officially Requested to Be Notified of All Permit Actions

Brooke Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina Gonzales, *Commissioner*
Kelly Keel, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

U.S. Environmental Protection Agency
Region 6
Attention: Nelly Smith (6WQ)
1201 Elm Street, Suite 500
Dallas, Texas 75270

Re: TPDES Draft Permit No. WQ0003017000, EPA ID No. TX0062936
CN601276660, RN102184041

Dear Ms. Smith:

Enclosed are the draft permit and fact sheet for the above-referenced permit as required under the TCEQ/EPA memorandum of agreement. Please review and provide any written comments, objections (general or interim), or recommendations with respect to the draft permit within forty-five days from receipt of this draft permit to my attention.

If you need additional information or have any questions, please contact me by telephone at (512) 239-4589, by e-mail at ruiqiang.zong@tceq.texas.gov, by fax at (512) 239-4430, or, if by correspondence, include "MC 148" following my name in the letterhead address. Thank you for your cooperation in this matter.

Sincerely,

Ruiqiang Zong
Wastewater Permitting Section
Water Quality Division

RZ

Enclosures

ATTACHMENT 1

EPA - REGION 6
NPDES PERMIT CERTIFICATION CHECKLIST

In accordance with the MOA established between the State of Texas and the United States Environmental Protection Agency, Region 6, the Texas Commission on Environmental Quality submits the following draft Texas Pollutant Discharge Elimination System (TPDES) permit for Agency review.

Major ☒ **Minor** ☐

POTW ☐ **Private Domestic** ☐ **Non-POTW** ☒

Facility Name	Pilgrim's Pride Corporation		
SIC Code	2015		
Type of operation	Poultry processing		
NPDES Permit No.	TX0062936	**TPDES Permit No.**	WQ0003017000
Segment No.	0404	**Basin**	Cypress Creek Basin
Receiving Water	Big Cypress Creek Below Lake Bob Sandlin		

Permit Action:	**New**	☐
	Renewal WITH changes	☐
	Renewal w/out changes (permit and WQS)	☐
	Major Amendment with Renewal	☒
	Amendment/Modification WITHOUT renewal, proceed directly to question 26 below	☐

Answer the following:	**Yes**	**No**	**N/A**
1. Are there known or potential interstate water issues associated with this permit?	☐	☒	☐
2. Is there known or potential third-party interest/environmental concern regarding this permit action?	☐	☒	☐
3. Does this facility discharge to a 303(d)-listed waterbody/segment?	☒	☐	☐
If **YES**, does the facility discharge any of the pollutant(s) of concern identified in the 303(d) listing?	☒	☐	☐
4. Is this permit consistent with the approved WQMP?	☐	☐	☒
5. Are discharges continuous?	☒	☐	☐
6. Does the facility discharge or propose to discharge process wastewaters?	☒	☐	☐
7. Are discharges DIRECTLY to a classified waterbody segment?	☐	☒	☐
8. Does the facility discharge to a water body segment which has a finalized TMDL?	☒	☐	☐
If **YES**, does the permit implement the TMDL consistent with the WLAs?	☒	☐	☐
9. Does the Fact Sheet document the rationale for the inclusion/omission of permit conditions for each 303(d)-listed pollutant of concern or TMDL pollutant?	☒	☐	☐
10. Has a priority watershed of critical concern been identified by the U. S. Fish and Wildlife Service for this segment?	☐	☒	☐

Answer the following:	Yes	No	N/A
11. Is there a thermal component to discharges from this facility?	☐	☒	☐
12. Does this permit authorize ammonia discharges > 4.0 mg/L at the edge of the mixing zone?	☒	☐	☐
13. Does this permit require testing for Whole Effluent Toxicity in accordance with the state's standard practices and implementation plan?	☒	☐	☐
If **YES**, were there any toxicity failures within the previous three years?	☐	☒	☐
14. If this facility has completed and implemented a Toxicity Reduction Evaluation (TRE), has any subsequent toxicity been identified?	☐	☒	☐
15. Does this permit propose to grant a variance request *(WQS, FDF, etc.)* or does it incorporate a proposed or final approval of a variance request?	☐	☒	☐
16. If a POTW is ≥ 5 MGD, does it have an approved Pretreatment Program?	☐	☐	☒
17. Since the last permit issuance, has the POTW had a new Pretreatment Program approved or a Pretreatment Program modification approved?	☐	☐	☒
18. Does this permit contain authorization for wet weather-related peak-flow discharges?	☐	☒	☐
19. Does this permit include a bypass of any treatment unit or authorize overflows in the system?	☐	☒	☐
20. Does this permit include provisions for effluent trading?	☐	☒	☐
21. Does this permit contain specific issues on which EPA and the state are not in agreement regarding the permitting approach?	☐	☒	☐
22. Is this facility subject to a national effluent limitations guideline? **Please specify:** 40 CFR Part 432, Subpart K	☒	☐	☐
23. Does this permit contain "first-time" implementation of a new federal guideline, policy, regulation, etc.? Please specify:	☐	☒	☐
24. Is this a new facility or an expansion of an existing facility?	☐	☒	☐
For an **EXISTING** facility, if any limits have been removed or are less stringent than those in the previous permit, is it in accordance with the anti-backsliding regulations?	☐	☒	☐
25. Does this permit incorporate any exceptions to the standards or regulations?	☐	☒	☐
26. Is this is a permit modification/amendment? Please specify: reduce the sampling frequency from 3/week to 1/week for CBOD5, TSS, BOD5, Ammonia, Total nitrogen, Conductivity, Oil and Grease, and E. coli	☒	☐	☐

Name: Ruiqiang Zong

Date: March 1, 2024

FACT SHEET AND EXECUTIVE DIRECTOR'S PRELIMINARY DECISION

For draft Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0003017000, U.S. Environmental Protection Agency (EPA) ID No. TX0062936, to discharge to water in the state

Issuing Office:	Texas Commission on Environmental Quality (TCEQ) P.O. Box 13087 Austin, Texas 78711-3087
Applicant:	Pilgrim's Pride Corporation 1770 Promontory Circle Greeley, Colorado 80634
Prepared By:	Ruiqiang Zong Wastewater Permitting Section Water Quality Division (512) 239-4589
Date:	May 15, 2025
Permit Action:	Major amendment with renewal; TPDES Permit No. WQ0003017000

I. 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 will expire at midnight, five years from the date of permit issuance according to the requirements of 30 Texas Administrative Code (TAC) §305.127(1)(C)(i).

II. APPLICANT ACTIVITY

The applicant currently operates Pilgrim's Pride Southwest Wastewater treatment Plant, which is a part of a poultry processing and rendering plant.

III. DISCHARGE LOCATION

As described in the application, the facility is located at 664 Farm-to-Market Road 127 West, near the City of Mount Pleasant, Titus County, Texas 75455. Discharge is to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin in Segment No. 0404 of the Cypress Creek Basin.

IV. RECEIVING STREAM USES

The unclassified receiving water uses are high aquatic life use for Tankersley Creek. The designated uses for Segment No. 0404 are secondary contact recreation and intermediate aquatic life use.

V. STREAM STANDARDS

The general criteria and numerical criteria that make up the stream standards are provided in 30 TAC §§ 307.1 - 307.10.

VI. DISCHARGE DESCRIPTION

The following is a quantitative description of the discharge described in the monthly effluent report data for the period April 2018 through December 2023. The "average of daily average" values presented in the following table are the average of all daily average values for the reporting period for each pollutant. The "maximum of daily maximum" values presented in the following table are the individual maximum values for the reporting period for each pollutant. Flows are expressed in million gallons per day (MGD). All pH values are expressed in standard units (SU). Bacteria levels are expressed in colony forming units (cfu) or most probable number (MPN) per 100 mL.

A. Flow

Outfall	Frequency	Average of Daily Average, MGD	Maximum of Daily Maximum, MGD
001	Continuous	2.67	4.83

C. Effluent Characteristics

Outfall	Pollutant	Average of Daily Average,	Maximum of Daily Maximum,
001	Carbonaceous Biochemical Oxygen Demand (5-day), ($CBOD_5$)	3.5 mg/L 121.04 lbs/day	213 mg/L 5058 lbs/day
	Total Suspended Solids (TSS)	14.75 mg/L 345.45 lbs/day	969 mg/L 24,591.6 lbs/day
	Biochemical Oxygen Demand (5-day), (BOD_5)	7.48 mg/L 173.14 lbs/day	320.7 mg/L 8138.99 lbs/day
	Ammonia (as N) April – October	0.37 mg/L 8.98 lbs/day	24.5 mg/L 642 lbs/day
	Ammonia (as N) November - March	0.18 mg/L 4.89 lbs/day	1.68 mg/L 37.7 lbs/day
	Dissolved Oxygen (DO)	0.25 mg/L, min	
	Total Nitrogen	53.35 mg/L 1214.85 lbs/day	147 mg/L 3240.9 lbs/day
	Chloride	166.73 mg/L 429.71 lbs/day	710 mg/L 30010.9 lbs/day
	Total Sulfate	128.39 mg/L 2959.39 lbs/day	301 mg/L 7946 lbs/day
	Total Dissolved Solids (TDS)	14.75 mg/L 345.45 lbs/day	969 mg/L 2459 lbs/day
	Conductivity	1242 mmhos/cm	2970 mmhos/cm
	Oil and Grease	2.17 mg/L 50.49 lbs/day	42.5 mg/L 1058 lbs/day
	Total Residual Chlorine	0.47 mg/L, max after dechlorination	
	Total Residual Chlorine	1.0 mg/L, minimum	
	Total Phosphorus	1.26 mg/L 29.3 lbs/day	11.4 mg/L 258.9 lbs/day
	Monthly Total Phosphorus	N/A	7,993 lbs/day
	Annually Total Phosphorus	N/A	44,650 lbs/day
	E. coli, CFU or MPN/100 mL	11.91	792
	Fecal Coliform, CFU or MPN/100 mL	N/A	415
	Hexavalent Chromium	0.0029 mg/L	0.003 mg/L

C. Effluent Characteristics

Outfall	Pollutant	Average of Daily Average,	Maximum of Daily Maximum,
001	Total Copper	0.011 mg/L	0.040 mg/L
	Total Lead	0.0011 mg/L	0.005 mg/L
	Total Zinc	0.027 mg/L	0.199 mg/L
	Total Mercury	0.0002 mg/L	0.0002 mg/L
	pH	6.01 SU, min	8.86 SU

D. Effluent Limitation Violations

Outfall	Pollutant	Month/ Year	Daily Average		Daily Maximum	
			Limit	Reported	Limit	Reported
001	BOD_5 (mg/L)	5/2019	16	86.35	26	320.7
	BOD_5 (lbs/day)	5/2019	454	2108	738	8138.99
	BOD_5 (mg/L)	6/2019	16	47.27	26	157
	BOD_5 (lbs/day)	6/2019	454	1109.94	738	4205.8
	BOD_5 (mg/L)	7/2019	16	29.15	26	46.5
	BOD_5 (lbs/day)	7/2019	454	667.7	738	1110.2
	BOD_5 (mg/L)	8/2019	N/A	N/A	26	28.2
	BOD_5 (lbs/day)	8/2019	N/A	N/A	738	748.2
	$CBOD_5$ (mg/L)	8/2018	5	5.7	N/A	N/A
	$CBOD_5$ (mg/L)	5/2019	5	52.7	10	213
	$CBOD_5$ (lbs/day)	5/2019	146	1266	292	5058
	$CBOD_5$ (mg/L)	6/2019	5	34.88	10	115
	$CBOD_5$ (lbs/day)	6/2019	146	812.4	292	3080.6
	$CBOD_5$ (mg/L)	7/2019	5	23.66	10	42.1
	$CBOD_5$ (lbs/day)	7/2019	146	540	292	1005
	$CBOD_5$ (mg/L)	8/2019	5	9	10	22.5
	$CBOD_5$ (lbs/day)	8/2019	N/A	N/A	292	597
	$CBOD_5$ (mg/L)	10/2019	5	6.78	10	14.7
	$CBOD_5$ (lbs/day)		146	155.82	292	309.08
	$CBOD_5$ (mg/L)	8/2023	5	5.6	N/A	N/A
	Fecal Coliform [1]	8/2022	N/A	N/A	200	415
	E. coli [1]	4/2020	N/A	N/A	394	792
		6/2023	N/A	N/A	394	461
		8/2023	N/A	N/A	394	649
		12/2023	N/A	N/A	394	613
	Ammonia - Nitrogen (mg/L)	5/2019	1	3.73	2	24.5
	Ammonia-Nitrogen (lbs/day)	5/2019	29	94.87	58	642
	Ammonia - Nitrogen (mg/L)	6/2019	1	1.8	2	4.78
	Ammonia-Nitrogen (lbs/day	6/2019	29	42.94	58	128
	Ammonia-Nitrogen (mg/L)	8/2019	N/A	N/A	2	2.05

[1] Colony Forming Units (CFU)/100 mL or most probable number (MPN)/100 mL.

D. Effluent Limitation Violations

Outfall	Pollutant	Month/ Year	Daily Average		Daily Maximum	
			Limit	Reported	Limit	Reported
001	Ammonia-Nitrogen (mg/L)	8/2022	N/A	N/A	2	2.49
	Oil and Grease (mg/L)	5/2019	8	36	14	943.45
		6/2019	8	42.5	14	1058
		10/2019	N/A	N/A	14	14.8
	Total Phosphorus (lbs/day)	1/2023	144.89	199.9	N/A	N/A
	TSS (mg/L)	5/2019	15	192.45	30	969
	TSS (lbs/day)	5/2019	376	4723.4	751	24,591.6
	TSS (mg/L)	6/2019	15	191.13	30	640
	TSS (lbs/day)	6/2019	376	4573.3	751	15,937.9
	TSS (mg/L)	7/2019	15	81.4	30	162.5
	TSS (lbs/day)	7/2019	376	1873.7	751	3879.8
	TSS (mg/L)	8/2019	15	79.8	30	167
	TSS (lbs/day)	8/2019	376	1746.8	751	3666.6
	TSS (lbs/day)	10/2019	N/A	N/A	751	844
	TSS (mg/L)	11/2019	15	25.91	30	66.4
	TSS (lbs/day)	11/2019	376	542.4	751	1324.9
	TSS (mg/L)	7/2023	N/A	N/A	30	87
	TSS (lbs/day)	7/2023	N/A	N/A	751	1927.6
	Total Residual Chlorine	8/2019	N/A	N/A	0.1	0.47
	DO (mg/L), minimum	5/2019	6.0	5.23	N/A	N/A
		6/2019	6.0	0.25	N/A	N/A
		7/2019	6.0	4.96	N/A	N/A
		8/2019	6.0	3.89	N/A	N/A
		9/2019	6.0	4.17	N/A	N/A
		10/2019	6.0	5.11	N/A	N/A

One Agreed Order (2019-1440-IWD-E) became effective on November 16, 2022 and addressed the above 37 violations. The status of this enforcement action is resolved, and the facility has implemented corrective actions specifically aimed at resolving the permit effluent violations. Based on the Order, the permittee shall hire a contractor to perform improvement to the City of Mount Pleasant's sanitary sewer collection system to reduce infiltration and inflow (I&I). The permittee also needs to hire a contractor to repair multiple manholes throughout Mount Pleasant's sanitary sewer collection system that currently exhibit condition defects that contribute to I&I. As a result, there have been no effluent limitation exceedances over the past two years.

VII. DRAFT EFFLUENT LIMITATIONS

The draft permit authorizes the discharge of treated process wastewater, utility wastewater, and treated domestic wastewater at a daily average flow not to exceed 3.5 MGD via Outfall 001. Effluent limitations are established in the draft permit as follows:

Outfall	Pollutant	Daily Average,	Daily Maximum,
001	Flow	3.5 MGD	5.0 MGD
	$CBOD_5$	5 mg/L 146 lbs/day	10 mg/L 292 lbs/day
	TSS	15 mg/L 376 lbs/day	30 mg/L 751 lbs/day
	BOD_5	16 mg/L 454 lbs/day	26 mg/L 738 lbs/day
	Ammonia (as N)		
	April - October	0.65 mg/L 19 lbs/day	2 mg/L 58 lbs/day
	November - March	4 mg/L 113 lbs/day	6 mg/L 170 lbs/day
	Total Nitrogen	103 mg/L 2,922 lbs/day	147 mg/L 4,171 lbs/day
	Chloride	Report, mg/L Report, lbs/day	Report, mg/L Report, lbs/day
	Sulfate	312 mg/L 9,113 lbs/day	661 mg/L 19,336 lbs/day
	TDS	Report	Report
	Conductivity	Report	Report
	Total Residual Chlorine	1.0 mg/L, min	0.1 mg/L [2]
	Total Phosphorus	Report, mg/L 144.89 lbs/day	Report, mg/L Report, lbs/day
	Monthly Total Phosphorus	N/A	Report, lbs/month
	Annually Total Phosphorus	N/A	44,100 lbs/year
	E. coli	126 [3]	394 [3]
	Fecal Coliform	N/A	200 [3]
	Hexavalent Chromium	Report, mg/L	Report, mg/L
	Total Copper	Report, mg/L	Report, mg/L
	Total Lead	Report, mg/L	Report, mg/L
	Total Zinc	0.150 mg/L	0.317 mg/L
	Total Mercury	Report, mg/L	Report, mg/L
	DO	6.0 mg/L, minimum	
	pH	6.0 SU, min	9.0 SU
	Lethal Whole Effluent Toxicity (WET) limit 94% (Parameter 51710)		
	Ceriodaphnia dubia (7-day chronic NOEC [4])	98%	98%
	Lethal Whole Effluent Toxicity (WET) 94% (Parameter 51714)		

[2] After dechlorination.
[3] Colony Forming Units (CFU/100 mL or most probable number (MPN)/100 mL.
[4] No Observed Effect Concentration (NOEC).

Outfall	Pollutant	Daily Average,	Daily Maximum,
001	*Pimephales promelas* (7-day chronic NOEC4)	98%	98%
	Sublethal Whole Effluent Toxicity (WET) limit 80% (Parameter 51710)		
	Ceriodaphnia dubia (7-day chronic NOEC4)	80%	80%

OUTFALL LOCATION

Outfall	Latitude	Longitude
001	33.139320 N	94.997439 W

VIII. SUMMARY OF CHANGES FROM APPLICATION

The applicant requested the following amendments that the Executive Director did not grant:

The applicant requested to reduce the sampling or monitoring frequencies for $CBOD_5$, BOD_5, TSS, Oil and Grease, Ammonia (April -October), and E. *coli* from 3/week to 1/week.

This request was denied by the Executive Director because there have been multiple effluent limit violations for $CBOD_5$, BOD_5, TSS, Oil and Grease, Ammonia (April – October), and E. *coli* during the past five years, as reported in the monthly Discharge Monitoring Reports (DMRs). Furthermore, an active Administrative Order (2019-1440-IWD-E) has been enforced to resolve these violations. Therefore, these parameters are not eligible for reduction of the sampling frequencies.

IX. SUMMARY OF CHANGES FROM EXISTING PERMIT

A. The permittee requested the following amendments that the Executive Director recommends granting:

The applicant requested to reduce the sampling or monitoring frequencies for Ammonia (November – March), Total Nitrogen, and conductivity from 3/week to 1/week.

The long-term (five year) average concentration for Ammonia (November – March) and Total Nitrogen are 0.18 mg/L and 53 mg/L, which are 4.5 % and 51% of the permitted limits, respectively. Based *on Interim Guidance for Performance - Based Reductions of NPDES Permit Monitoring Frequencies-Table 1*, the sampling frequency for Ammonia (November – March) is reduced to 1/week; and the sampling frequency for Total Nitrogen is reduced to 2/week.

There is only monitoring requirements for Conductivity in the existing permit. Over the long-term (five years), there has been no significant fluctuation for conductivity in their monitoring reported on the monthly DMRs. Furthermore, the existing monitoring requirements for TDS would provide a similar purpose because the relationship between conductivity and TDS is not fixed but can be approximated for many types of water, especially if the types and concentrations of ions are known or relatively consistent. Therefore, the monitoring frequency for conductivity is reduced to 1/week based on Best Professional Judgement.

B. The following additional changes have been made to the draft permit:

1. Pages 3-13 were updated (May 2021 version).
2. Existing Other Requirement No. 15 is removed because it's no longer applicable.
3. A new Other Requirement No. 15 has been added to the draft permit to address cooling water intake structure requirements under CWA §316(b). Although CWA §316(b) does not currently apply to this facility, the applicant would be required to notify the TCEQ if there is a change in how the facility obtains cooling water.
4. The self-expiring effluent limits for sulfate and annual total phosphorus and monitoring requirements for total zinc have been removed in the draft permit.
5. The parameters for lethal WET and sublethal WET have been updated based on recommendations from the Standards Implementation Team.
6. The single grab concentrations for $CBOD_5$, TSS, BOD_5, Ammonia, Total Nitrogen, Sulfate have been recalculated and implemented in the draft permit.
7. Existing Other Requirement No. 12, for pond requirements, has been updated to the current language.
8. The facility physical address has been updated more accurately.
9. Existing Other Requirement No. 14 has been removed based on the WQA's recommendation because it's no longer applicable.

X. DRAFT PERMIT RATIONALE

The following section sets forth the statutory and regulatory requirements considered in preparing the draft permit. Also set forth are any calculations or other necessary explanations of the derivation of specific effluent limitations and conditions, including a citation to the applicable effluent limitation guidelines and water quality standards.

A. REASON FOR PERMIT ISSUANCE

The applicant applied to the TCEQ for a major amendment to Permit No. WQ0003017000 to reduce the sampling frequency from 3/week to 1/week for $CBOD_5$, TSS, BOD_5, Ammonia, Total nitrogen, Conductivity, Oil and Grease, and *E. coli*. The draft permit authorizes the discharge of treated process wastewater, utility wastewater, and treated domestic wastewater at a daily average flow not to exceed 3.5 MGD via Outfall 001.

B. WATER QUALITY SUMMARY

Discharge Route

The discharge route is to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin in Segment No. 0404 of the Cypress Creek Basin. The unclassified receiving water uses are high aquatic life use for Tankersley Creek. The designated uses for Segment No. 0404 are secondary contact recreation and intermediate aquatic life use. Effluent limitations and conditions established in the draft permit comply with state water quality standards and the applicable water quality management plan. The effluent limits in the draft permit will maintain and protect the existing instream uses. Additional discussion of the water quality aspects of the draft permit can be found at Section X.D. of this fact sheet.

Antidegradation Review
In accordance with 30 TAC § 307.5 and TCEQ's *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010), an antidegradation review of the receiving waters was performed. A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action. Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Tankersley Creek and Segment No. 0404, which has been identified as having high and intermediate aquatic life use. Existing uses will be maintained and protected. The preliminary determination can be reexamined and may be modified if new information is received.

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

Impaired Water Bodies
Segment No. 0404 is currently listed on the state's inventory of impaired and threatened waters, the 2022 Clean Water Act Section 303(d) list. The listings are specifically for bacteria in water (recreation use) from the confluence with an unnamed tributary NHD RC 11140305002717 upstream 37.2 kilometers (23 miles) to Lake Bob Sandlin. Tankersley Creek (0404B) is also currently listed for elevated bacteria from the confluence with Big Cypress Creek upstream 16.1 kilometers (10 miles) to Tankersley Lake (AU 0404B_01).

The amendment application does not involve increasing loadings for any pollutants. The effluent limitations for bacteria are continued from the existing permit and are more stringent than the current standards in 30 TAC §307.10. Therefore, the permit action is not expected to contribute to the impairment of elevated bacteria in Segment No. 0404.

Completed Total Maximum Daily Loads (TMDLs)
The TMDL project *One Total Maximum Daily Load for Dissolved Oxygen in Lake O' the Pines For Segment No. 0403* (TMDL Project No. 19) is approved for this segment.

On April 12, 2006, the TCEQ adopted One Total Maximum Daily Load (TMDL) for Dissolved Oxygen in Lake O' the Pines. The EPA approved the TMDL on June 7, 2006. An Implementation Plan was approved by the TCEQ on July 9, 2008. Dissolved oxygen concentrations compliant with the Texas Surface Water Quality Standards are the final endpoint for the TMDL in Lake O' the Pines. Total phosphorus input reductions to the reservoir are the intermediate water quality targets for achieving the final endpoint goals (i.e. 56% load reduction) of the TMDL.

The TMDL specifies a total WLA of 27,000 kilogram per year (kg/yr) of total phosphorus from regulated sources. Pilgrim's Pride Corporation has agreed to take on the full

phosphorus reductions required for the entire group of permittees listed in the TMDL. The remaining seven permittees will be assigned individual phosphorus monitoring requirements. The TCEQ will evaluate the self-reported total phosphorus data for all eight of these facilities on an ongoing basis to ensure that as a group they are meeting the combined WLA of 27,000 kg/yr of total phosphorus limit identified in the TMDL. There are some other domestic discharges and a number of industrial permits that are not included in the phosphorus input reduction of the TMDL, in which their individual permits are not subject to a limit or monitoring of total phosphorus.

This facility, Pilgrim's Pride Corporation, Permit No. WQ0003017000, has an individual total phosphorus WLA of 20,000 kg/yr (44,100 lbs/yr) limit as an annual rolling mass established through a WQMP update to the TMDL. Pilgrim's Pride Corporation entered into a voluntary agreement to reduce phosphorus by the total amount required by the TMDL for point sources in lieu of the group permit envisioned by the Implementation Plan. Their WLA of 20,000 kg/yr, added to the 7,000 kg/yr allotted to the seven municipal facilities affected by this TMDL, ensures that the 27,000 kg/yr set by the TMDL is achieved.

A Waste Load Evaluation (WLE) has been prepared for Segment No. 0404.

C. TECHNOLOGY-BASED EFFLUENT LIMITATIONS/CONDITIONS

1. GENERAL COMMENTS

Regulations in Title 40 of the Code of Federal Regulations (40 CFR) require that technology-based limitations be placed in wastewater discharge permits based on effluent limitations guidelines, where applicable, or on best professional judgment (BPJ) in the absence of guidelines.

The draft permit authorizes the discharge of treated process wastewater, utility wastewater, and domestic wastewater via Outfall 001 at a daily average flow not to exceed 3.5 MGD.

The discharge of treated process wastewater via Outfall 001 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 432 – Meat and Poultry Products Point Source Category, Subpart K – Poultry First Processing. A new source determination was performed, and the discharge of process wastewater is not a new source as defined at 40 CFR §122.2. Therefore, new source performance standards (NSPS) are not required for this discharge.

The discharge of treated domestic wastewater via Outfall 001 is subject to federal effluent limitation guidelines at 40 CFR Part 133 – Secondary Treatment Regulation and 30 TAC Chapter 309 – Domestic Wastewater Effluent Limitation and Plant Siting.

The discharge of utility wastewater is not subject to federal effluent limitations.

Wastewater from the poultry processing plant(s) is generated through the use of water for cleaning of broilers for processing and through sanitation of the plant after processing. Wastewater from the rendering plant is generated through condensing of vapor during the by-product cooking process and through

sanitation of the rendering plant. Processing plant, rendering plant, and utility wastewater are combined at the wastewater pretreatment system. Wastewater from the pretreatment system is then routed to the headworks where it commingles with domestic wastewater. The domestic wastewater is generated from on-site and from adjacent neighborhood homes and the trailer homes located south of the wastewater treatment plant. Wastewater treatment units at the facility include a bar screen, anaerobic lagoon, an oxic and anoxic activated sludge basin, primary clarifier, secondary screening, flow equalization, biotower, two aeration basins, three final clarifiers, three sand filters, and a chlorine contact chamber. The effluent is dechlorinated to 0.1 mg/L chlorine residual prior to discharge via Outfall 001.

The waste sludge from wastewater treatment system is thickened, aerobically digested, and stored in a sludge lagoon. The sludge is pumped from the lagoon on an as needed basis to maintain the required freeboard of 2 feet in the sludge storage lagoon. Pumped sludge is managed by one of the following methods: spray application on adjacent Pilgrim-owned land, and/or third party offsite beneficial reuse.

2. CALCULATIONS

See Appendix A of this fact sheet for calculations and further discussion of technology-based effluent limitations proposed in the draft permit.

3. 316(B) COOLING WATER INTAKE STRUCTURES

a. SCREENING

The facility obtains water from the City of Mount Pleasant, a public water system (PWS No. TX2250001), for cooling purpose. The use of water obtained from a public water system for cooling purposes does not constitute the use of a cooling water intake structure; therefore, the facility is not subject to Section 316(b) of the CWA or 40 CFR Part 125, Subpart J.

b. PERMIT ACTION

A new Other Requirement No. 14 has been added/revised to require the permittee to notify the TCEQ of any changes in the method by which cooling water is obtained. Upon receipt of such notification, the TCEQ may reopen the permit to include additional terms and conditions as necessary.

D. WATER QUALITY-BASED EFFLUENT LIMITATIONS/CONDITIONS

1. GENERAL COMMENTS

The *Texas Surface Water Quality Standards* found at 30 TAC Chapter 307 state that surface waters will not be toxic to man from ingestion of water, consumption of aquatic organisms, or contact with the skin, or to terrestrial or aquatic life. The methodology outlined in the TCEQ guidance document *Procedures to Implement the Texas Surface Water Quality Standards* (IPs) is designed to

From the WLA, a long-term average (LTA) is calculated using a lognormal probability distribution, a given coefficient of variation (0.6), and a 90th percentile confidence level. The LTA is the long-term average effluent concentration for which the WLA will never be exceeded using a selected percentile confidence level.

The lower of the two LTAs (acute and chronic) is used to calculate a daily average and daily maximum effluent limitation for the protection of aquatic life using the same statistical considerations with the 99th percentile confidence level and a standard number of monthly effluent samples collected (12).

Assumptions used in deriving the effluent limitations include segment-specific values for TSS, pH, hardness, and chloride according to the *IPs*. The segment values are 4 mg/L for TSS, 6.6 standard units for pH, 54 mg/L for hardness (as calcium carbonate, $CaCO_3$), and 41 mg/L for chloride. For additional details on the calculation of water quality-based effluent limitations, refer to the *IPs*.

TCEQ practice for determining significant potential is to compare the reported analytical data against percentages of the calculated daily average water quality-based effluent limitation. Permit limitations are required when analytical data reported in the application equals or exceeds 85 percent of the calculated daily average water quality-based effluent limitation. Monitoring and reporting is required when analytical data reported in the application equals or exceeds 70 percent of the calculated daily average water quality-based effluent limitation.

b. PERMIT ACTION

Analytical data reported in the application was screened against calculated water quality-based effluent limitations for the protection of aquatic life. Reported analytical data does not exceed 70 percent of the calculated daily average water quality-based effluent limitation for aquatic life protection. No additional limits or monitoring and reporting requirements have been added to the draft permit.

The limits in the existing permit were compared to the calculated water quality-based effluent limits to determine whether the existing limits are still protective. The existing limits for total zinc are more stringent and continued in the draft permit.

3. WHOLE EFFLUENT TOXICITY (BIOMONITORING) CRITERIA

a. SCREENING AND REASONABLE POTENTIAL ANALYSIS

The existing permit includes chronic freshwater biomonitoring requirements at Outfall 001.

In the past three years, the permittee performed 22 chronic tests, with no demonstrations of significant toxicity (i.e. failures) by the water flea or fathead minnow.

A reasonable potential (RP) determination was performed in accordance with 40 CFR §122.44(d)(1)(ii) to determine whether the discharge will reasonably be expected to cause or contribute to an exceedance of a state water quality standard or criterion within that standard. Each test species is evaluated separately. The RP determination is based on representative data from the previous three years of chronic (or 48-hour acute) WET testing. This determination was performed in accordance with the methodology outlined in the TCEQ letter to the EPA dated December 28, 2015, and approved by the EPA in a letter dated December 28, 2015.

The sublethal and lethal WET limits for the water flea is retained; therefore, no RP determination was performed. In keeping with EPA Region 6 policy, which acknowledges the difficulty in identifying toxicants responsible for sublethal effects at high dilutions, the sublethal WET limit is proposed to be implemented at the 80% effluent dilution instead of the critical dilution of 98%

With no demonstration of significant toxicity during the period of record for the fathead minnow, a determination of no RP was made. The lethal WET limit for the fathead minnow is retained at 98%.

All of the test results were used for this determination.

b. PERMIT ACTION

The provisions of this section apply to Outfall 001.

Based on information contained in the permit application, the TCEQ has determined that there may be pollutants present in the effluent(s) that may have the potential to cause toxic conditions in the receiving stream.

Whole effluent toxicity testing (biomonitoring) is the most direct measure of potential toxicity, which incorporates the effects of synergism of effluent components and receiving stream water quality characteristics. Biomonitoring of the effluent is, therefore, required as a condition of this permit to assess potential toxicity. The biomonitoring procedures stipulated as a condition of this permit are as follows:

i) Chronic static renewal survival and reproduction test using the water flea (*Ceriodaphnia dubia*). The frequency of the testing shall be once per quarter

ii) Chronic static renewal 7-day larval survival and growth test using the fathead minnow (*Pimephales promelas*). The frequency of testing shall be once per quarter.

Toxicity tests shall be performed in accordance with protocols described in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms,* Fifth Edition (EPA-821-R-02-012), Fourth Edition (EPA-821-R-02-013) or the latest revision. The stipulated test species are appropriate to measure the toxicity of the effluent consistent with the requirements of the state

water quality standards. The biomonitoring frequency has been established to reflect the likelihood of ambient toxicity and to provide data representative of the toxic potential of the facility's discharge.

This permit may be reopened to require effluent limits, additional testing, or other appropriate actions to address toxicity if biomonitoring data show actual or potential ambient toxicity to be the result of the permittee's discharge to the receiving stream or water body.

If none of the first four consecutive quarterly tests demonstrates significant lethal or sublethal effects, the permittee may submit this information in writing and, upon approval, reduce the testing frequency to once per six months for the invertebrate test species and once per year for the vertebrate test species. If one or more of the first four consecutive quarterly tests demonstrates significant sublethal effects, the permittee is required by the permit to continue quarterly testing for that species until four consecutive quarterly tests demonstrate no significant sublethal effects. At that time, the permittee may apply for the appropriate testing frequency reduction for that species. If one or more of the first four consecutive quarterly tests demonstrates significant lethal effects, the permittee is required by the permit to continue quarterly testing for that species until the permit is reissued.

c. DILUTION SERIES

The permit requires five (5) dilutions in addition to the control (0% effluent) to be used in the toxicity tests. These additional effluent concentrations shall be 31%, 41%, 55%, 80%, and 98%. The low-flow effluent concentration (critical dilution) is defined as 98% effluent.

The dilution series outlined above was calculated using a 0.75 factor applied to the critical dilution. The critical dilution is the estimated effluent dilution at the edge of the aquatic life mixing zone, which is discussed in Section X.D.2.a. of this fact sheet.

4. AQUATIC ORGANISM TOXICITY CRITERIA (24-HOUR ACUTE)

a. SCREENING

The existing permit includes 24-hour acute freshwater biomonitoring requirements for Outfall 001. In the past three years, the permittee has performed twelve 24-hour acute testes, with no demonstrations of significant mortality. Minimum 24-hour acute freshwater biomonitoring requirements are proposed in the draft permit as outlined below.

b. PERMIT ACTION

Twenty-four-hour 100% acute biomonitoring tests are required at Outfall 001 at a frequency of once per six months for the life of the permit.

The biomonitoring procedures stipulated as a condition of this permit are as follows:

i) Acute 24-hour static toxicity test using the water flea (*Ceriodaphnia dubia* or *Daphnia pulex*). A minimum of five (5) replicates with eight (8) organisms per replicate shall be used for this test.

ii) Acute 24-hour static toxicity test using the fathead minnow (*Pimephales promelas*). A minimum of five (5) replicates with eight (8) organisms per replicate shall be used for this test.

Toxicity tests shall be performed in accordance with protocols described in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, Fifth Edition (EPA-821-R-02-012) or the latest revision.

5. AQUATIC ORGANISM BIOACCUMULATION CRITERIA

a. SCREENING

Water quality-based effluent limitations for the protection of human health are calculated using criteria for the consumption of fish tissue found in Table 2 of the *Texas Surface Water Quality Standards* (30 TAC Chapter 307).

Fish tissue bioaccumulation criteria are applied at the edge of the human health mixing zone. The human health mixing zone for this discharge is identical to the aquatic life mixing zone. TCEQ uses the mass balance equation to estimate dilution at the edge of the human health mixing zone during average flow conditions. The estimated dilution at the edge of the human health mixing zone is calculated using the two-year average monthly average flow of 2.638 MGD and the harmonic mean flow of 0.2 cfs for the Tankersley Creek. The following critical effluent percentage is being used:

Human Health Effluent %: 95.33%

Water quality-based effluent limitations for human health protection against the consumption of fish tissue are calculated using the same procedure as outlined for calculation of water quality-based effluent limitations for aquatic life protection. A 99th percentile confidence level in the long-term average calculation is used, with only one long-term average value being calculated.

Significant potential is again determined by comparing reported analytical data against 70 percent and 85 percent of the calculated daily average water quality-based effluent limitation.

b. PERMIT ACTION

Analytical data reported in the application was screened against calculated water quality-based effluent limitations for the protection of human health. Reported analytical data does not exceed 70 percent of the calculated daily average water quality-based effluent limitation for human

health protection. No additional limits or monitoring and reporting requirements have been added to the draft permit.

6. DRINKING WATER SUPPLY PROTECTION

a. SCREENING

Segment No. 0404, which receives the discharge from this facility, is not designated as a public water supply. Screening reported analytical data of the effluent against water quality-based effluent limitations calculated for the protection of a drinking water supply is not applicable.

b. PERMIT ACTION

None.

7. TOTAL DISSOLVED SOLIDS, CHLORIDE, AND SULFATE STANDARDS PROTECTION

a. SCREENING

The average concentration of TDS, chloride, and/or sulfate in the effluent is greater than the segment criterion. Screening procedures and effluent limitations for TDS, chloride, and/or sulfate are calculated using the methodology in the *IPs* and criteria in the *Texas Surface Water Quality Standards* (30 TAC Chapter 307). Detailed calculations are presented in Appendix C.

b. PERMIT ACTION

Based on the screening, no new effluent limitations or monitoring and reporting requirements are needed for TDS, chloride, or sulfate. The existing effluent limits for sulfate and monitoring requirements for chloride and TDS are continued in the draft permit.

8. PROTECTION OF pH STANDARDS

a. SCREENING

The existing permit includes pH limits of 6.0 – 9.0 standard units at Outfall 001, which discharge(s) into (an) unclassified water body/bodies. Consistent with the procedures for pH screening that were submitted to EPA with a letter dated May 28, 2014, and approved by EPA in a letter dated June 2, 2014, requiring a discharge to an unclassified water body to meet pH limits of 6.0 – 9.0 standard units reasonably ensures instream compliance with *Texas Surface Water Quality Standards* pH criteria.

b. PERMIT ACTION

The existing pH limits of 6.0 – 9.0 standard units are carried forward in the draft permit at Outfall 001.

9. DISSOLVED OXYGEN PROTECTION

a. SCREENING

A dissolved oxygen analysis of the referenced discharge was conducted using the QUAL-TX model originally developed in the Waste Load Evaluation for Big Cypress Creek below Lake Bob Sandlin in the Cyress Creek Basin (1988) for an effluent flow of 3.5 MGD via Outfall 001. A supersede modeling has been conducted on May 14, 2025 to replace the memo performed on November 13, 2023.

Based on supersede model results, effluent limits of 146 lbs/day $CBOD_5$, 29 lbs/day NH_3-N (April-October), 113 lbs/day NH_3-N (November – March), and 6.0 mg/L minimum DO for Outfall 001 are predicted to be necessary to maintain dissolved oxygen levels above the criteria stipulated by Standards Implementation Team. Coefficients and kinetics used in the model are from the WLE. The results of this evaluation can be reexamined upon receipt of information that conflicts with the assumptions employed in this analysis

b. PERMIT ACTION

Based on the screening results, the following effluent limits are proposed:

Parameter	Daily Average	Daily Maximum
$CBOD_5$	5 mg/L	10 mg/L
	146 lbs/day	292 lbs/day
Ammonia (as N)		
April – October	1 mg/L 29 lbs/day	2 mg/L 58 lbs/day
November - March	4 mg/L 113 lbs/day	6 mg/L[1] 170 lbs/day
Dissolved Oxygen	N/A	6.0 mg/L (min)

[1]Based on information in the existing permit issued on May 25, 2012, the daily maximum effluent limitation for ammonia (as N) of 6 mg/L (November – March) was established in order to avoid potential toxicity caused by ammonia based on the IPs, which require ammonia limits be placed in TPDES permits for major industrial facilities which discharges to freshwater, have a critical dilution of 50% or greater, and have a categorical limit for ammonia.

10. BACTERIA STANDARDS PROTECTION

a. SCREENING

Domestic wastewater is discharged via Outfall 001. Effluent limitations for *E. coli* are continued in the draft permit from the existing permit. In addition, a daily maximum for fecal coliform was established in previous permits based on 40 CFR Part 432-Meat and Poultry Products Point Source Category.

b. PERMIT ACTION

The draft permit includes effluent limitations for *E. coli* based on the criteria for primary contact recreation found at 30 TAC §307.7(b)(1)(B)(i).

The following effluent limits are continued in the draft permit:

Outfall	Parameter	Daily Average	Daily Maximum
001	E. coli	126 [1]	394 [1]
	Fecal Coliform	N/A	200 [1]

[1] Colony Forming Units (CFU)/100 mL or most probable number (MPN)/100 mL.

11. ANNUAL LOADING LIMITS FOR TOTAL PHOSPHORUS

a. SCREENING

On April 12, 2006, the TCEQ adopted One Total Maximum Daily Load (TMDL) for Dissolved Oxygen in Lake O' the Pines. The EPA approved the TMDL on June 7, 2006. An Implementation Plan was approved by the TCEQ on July 9, 2008. Dissolved oxygen concentrations compliant with the Texas Surface Water Quality Standards are the final endpoint for the TMDL in Lake O' the Pines. Total phosphorus input reductions to the reservoir are the intermediate water quality targets for achieving the final endpoint goals (i.e. 56% load reduction) of the TMDL.

The TMDL specifies a total wasteload allocation (WLA) of 27,000 kilogram per year (kg/yr) of total phosphorus from regulated sources. Pilgrim's Pride Corporation has agreed to take on the full phosphorus reductions required for the entire group of permittees listed in the TMDL. The remaining seven permittees will be assigned individual phosphorus monitoring requirements. The TCEQ will evaluate the self-reported total phosphorus data for all eight of these facilities on an ongoing basis to ensure that as a group they are meeting the combined WLA of 27,000 kg/yr of total phosphorus limit identified in the TMDL. There are some other domestic discharges and a number of industrial permits that are not included in the phosphorus input reduction of the TMDL, in which their individual permits are not subject to a limit or monitoring of total phosphorus.

This facility, Pilgrim's Pride Corporation, Permit No. WQ0003017000, has an individual total phosphorus WLA of 20,000 kg/yr (44,100 lbs/yr) that was established through a WQMP update to the TMDL. This is used as the basis for a total phosphorus limit as an annual rolling mass. Pilgrim's Pride Corporation entered into a voluntary agreement to reduce phosphorus by the total amount required by the TMDL for point sources in lieu of the group permit envisioned by the Implementation Plan. Their WLA of 20,000 kg/yr, added to the 7,000 kg/yr allotted to the seven municipal facilities affected by this TMDL, ensures that the 27,000 kg/yr set by the TMDL is achieved.

b. PERMIT ACTION

Pilgrim's Pride entered into a voluntary agreement to reduce phosphorus by the total amount required by the TMDL for point sources in lieu of the group permit envisioned by the Implementation Plan. The existing permit contained a daily average load limit of 144.89 lbs/day based on the WLA prescribed for this facility in the TMDL and an annual load limit for total phosphorus that is based on the phosphorous load reductions from the TMDL. The annual load limit established in the existing permit of 44,650 lbs/day was developed to represent the total phosphorous load reduction required by the TMDL for all contributors and is more stringent than the annual loading WLA of 52,920 lbs/day that is required by the TMDL.

The following effluent limitations have been continued in the draft permit for total phosphorus at Outfall 001.

Parameter	Daily Average	Daily Maximum
Total Phosphorus	Report, mg/L 144.89 lbs/day	Report, mg/L Report, lbs.day
Monthly Total Phosphorus	N/A	Report, lbs/day
Annually Total Phosphorus	N/A	44,100 lbs/day

XI. PRETREATMENT REQUIREMENTS

This facility is not defined as a publicly owned treatment works. Pretreatment requirements are not proposed in the draft permit.

XII. VARIANCE REQUESTS

No variance requests have been received.

XIII. 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 reviewing 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 Ruiqiang Zong at (512) 239-4589.

XIV. ADMINISTRATIVE RECORD

The following section is a list of the fact sheet citations to applicable statutory or regulatory provisions and appropriate supporting references.

A. PERMIT(S)

TPDES Permit No. WQ0003017000 issued on November 19, 2018.

B. APPLICATION

TPDES wastewater permit application received on May 1, 2023.

C. 40 CFR CITATION(S)

40 CFR Part 432 Subpart K.

D. LETTERS/MEMORANDA/RECORDS OF COMMUNICATION

Letter dated April 29, 2014, from L'Oreal W. Stepney, P.E., Deputy Director, Office of Water, TCEQ, to Bill Honker, Director, Water Quality Protection Division, EPA (TCEQ proposed development strategy for thermal evaluation procedures).

Letter dated May 12, 2014, from William K. Honker, P.E., Director, Water Quality Protection Division, EPA, to L'Oreal W. Stepney, P.E., Deputy Director, Office of Water,

TCEQ (Approval of TCEQ proposed development strategy for thermal evaluation procedures).

Letter dated May 28, 2014, from L'Oreal W. Stepney, P.E., Deputy Director, Office of Water, TCEQ, to Bill Honker, Director, Water Quality Protection Division, EPA (TCEQ proposed development strategy for pH evaluation procedures).

Letter dated June 2, 2014, from William K. Honker, P.E., Director, Water Quality Protection Division, EPA, to L'Oreal W. Stepney, P.E., Deputy Director, Office of Water, TCEQ (Approval of TCEQ proposed development strategy for pH evaluation procedures).

Letter dated December 28, 2015, from L'Oreal Stepney, P.E., Deputy Director, Office of Water, TCEQ, to Bill Honker, Director, Water Quality Protection Division, EPA (TCEQ proposed development strategy for procedures to determine reasonable potential for whole effluent toxicity limitations).

Letter dated December 28, 2015, from William K. Honker, P.E., Director, Water Quality Protection Division, EPA, to L'Oreal W. Stepney, P.E., Deputy Director, Office of Water, TCEQ (Approval of TCEQ proposed development strategy for procedures to determine reasonable potential for whole effluent toxicity limitations).

TCEQ Interoffice Memorandum dated August 18, 2023, from M.A. Wallace, Ph.D. of the Standards Implementation Team, Water Quality Assessment Section, to the Industrial Permits Team, Wastewater Permitting Section (Standards Memo).

TCEQ Interoffice Memorandum dated August 25, 2023, from Brian Christman of the Water Quality Assessment Team, Water Quality Assessment Section, to the Industrial Permits Team, Wastewater Permitting Section (Critical Conditions Memo).

TCEQ Interoffice Memorandum dated November 13, 2023, from Josi Robertson of the Water Quality Assessment Team, Water Quality Assessment Section, to the Industrial Permits Team, Wastewater Permitting Section (Modeling Memo).

TCEQ Interoffice Memorandum dated December 7, 2023, from Brad Caston of the Standards Implementation Team, Water Quality Assessment Section, to the Industrial Permits Team, Wastewater Permitting Section (Biomonitoring Memo).

E. MISCELLANEOUS

The *State of Texas 2022 Integrated Report* – Texas 303(d) List (Category 5), TCEQ, July 7, 2022.

Texas Surface Water Quality Standards, 30 TAC §§307.1 - 307.10, TCEQ, effective March 1, 2018, as approved by EPA Region 6.

Texas Surface Water Quality Standards, 30 TAC §§307.1 - 307.10, TCEQ, effective March 6, 2014, as approved by EPA Region 6, for portions of the 2018 standards not approved by EPA Region 6.

Texas Surface Water Quality Standards, 30 TAC §§307.1 - 307.10, TCEQ, effective July 22, 2010, as approved by EPA Region 6, for portions of the 2014 standards not yet approved by EPA Region 6.

Texas Surface Water Quality Standards, 30 TAC §§307.1 - 307.10, TCEQ, effective August 17, 2000, and Appendix E, effective February 27, 2002, for portions of the 2010 standards not yet approved by EPA Region 6.

Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms, Fourth Edition (EPA-821-R-02-013).

Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, Fifth Edition (EPA-821-R-02-012).

Procedures to Implement the Texas Surface Water Quality Standards, TCEQ, June 2010, as approved by EPA Region 6.

Procedures to Implement the Texas Surface Water Quality Standards, TCEQ, January 2003, for portions of the 2010 IPs not approved by EPA Region 6.

Guidance Document for Establishing Monitoring Frequencies for Domestic and Industrial Wastewater Discharge Permits, TCEQ Document No. 98-001.000-OWR-WQ, May 1998.

Appendix A
Calculated Technology-Based Effluent Limits

Pilgrim's Pride Corporation operates the Pilgrim's Pride Southwest Wastewater Treatment Plant. The draft permit authorizes the discharge of process wastewater, utility wastewater, and domestic wastewater at a daily average flow not to exceed 3.5 MGD via Outfall 001. The process wastewater discharged from this facility is subject to 40 CFR Part 432-Meat and Poultry Products Point Source Category, Subpart K-Poultry First Processing. The discharge of process wastewater is not a new source as defined at 40 CFR §122.2; therefore, new source performance standards (NSPS) is not required for this discharge. Based on information provided by the permittee, the facility slaughtered an average of 640 million lbs per year in 2013 and 2014.

Wastestream Contributions

Outfall	Wastestreams	Volume
001	Process wastewater includes rendering wastewater	3.4 MGD
	Utility water	0.1 MGD
	Domestic Wastewater	0.0244 MGD
Total Wastewater		3.51 MGD [1]

[1] Based on information from the permittee process wastewater, rendering wastewater and utility wastewater is commingled and treated in the wastewater treatment plant.

I. Categorical Allocations for Process Wastewater

a. Section 432.112, best practicable control technology (BPT) is applicable for existing point sources that slaughters more than 100 million pounds per year live weight killed (LWK) (means the total weight of animals slaughtered).

BPT Effluent Limitations

	Concentration Criteria §432.112		Mass Loading Allocations	
Pollutant	Daily Avg. mg/L	Daily Max. mg/L	Daily Avg. lbs/day	Daily Max. lbs/day
Ammonia (as N)	4.0	8.0	113.5	227.0
BOD_5	16	26	454.0	738.0
Fecal Coliform	N/A	400 [1,2]	N/A	N/A
Oil and Grease (as HEM)	8.0	14	227.0	397.2
Total Suspended Solids	20	30	567.5	851.2

[1] CFU or MPN/100 mL.
[2] No daily average limit.

Mass Loading
Example Calculation: lbs/day = (Process Flow, MGD) X (Conc., mg/L) X 8.345

b. Section 432.113, best available technology (BAT) is applicable for existing point sources that slaughters more than 100 million pounds per year live weight killed (LWK) (means the total weight of animals slaughtered).

FACT SHEET AND EXECUTIVE DIRECTOR'S PRELIMINARY DECISION

Appendix A
Calculated Technology-Based Effluent Limits

BAT Effluent Limitations

	Concentration Criteria §432.113		Mass Loading Allocations	
Pollutant	Daily Avg. mg/L	Daily Max. mg/L	Daily Avg. lbs/day	Daily Max. lbs/day
Ammonia (as N)	4.0	8.0	113.5	227.0
Total Nitrogen [1]	103	147	2922.4	4170.8

[1] Total nitrogen means the total of nitrate/nitrite and total Kjeldahl nitrogen.

II. Allocations for Domestic Wastewater

	Concentration Criteria BPJ		Mass Loading Allocations	
Pollutant	Daily Avg. mg/L	Daily Max. mg/L	Daily Avg. lbs/day	Daily Max. lbs/day
Ammonia (s N)	4.0	6.0	0.81	1.22
Total Nitrogen	4.0	6.0	0.81	1.22
BOD_5	10	25	2.03	5.09
Total Suspended Solids	15	40	3.05	8.14

Mass Loading
Example Calculation: lbs/day = (Domestic Wastewater Flow, MGD) X (Conc., mg/L) × 8.345

III. Summation of Contributing Wastestreams

Pollutant	Wastestreams	Daily Average	Daily Maximum
Ammonia (as N)	Process Wastewater	113.5 lbs/day	227.0 lbs/day
	Domestic Wastewater	0.81 lbs/day	1.22 lbs/day
Total		114.31 lbs/day	228.22 lbs/day
BOD_5	Process Wastewater	454.0 lbs/day	738.0 lbs/day
	Domestic Wastewater	2.03 lbs/day	5.09 lbs/day
Total		456.03 lbs/day	743.09 lbs/day
Oil and Grease (as HEM)	Process Wastewater	227.0 lbs/day	397.2 lbs/day
	Domestic Wastewater		
Total		227.0 lbs/day	397.2 lbs/day
Total Suspended Solids	Process Wastewater	567.5	851.0
	Domestic Wastewater	3.05	8.14
Total		570.55	859.14
Total Nitrogen	Process Wastewater	2922.4	4170.8
	Domestic Wastewater	0.81	1.22
Total		2923.2	4172

Appendix B
Calculated Water Quality-Based Effluent Limits
TEXTOX MENU #3 - PERENNIAL STREAM OR RIVER

The water quality-based effluent limitations developed below are calculated using:

Table 1, 2014 Texas Surface Water Quality Standards (30 TAC 307) for Freshwater Aquatic Life
Table 2, 2018 Texas Surface Water Quality Standards for Human Health
"Procedures to Implement the Texas Surface Water Quality Standards," TCEQ, June 2010

PERMIT INFORMATION

Permittee Name:	Pilgrim's Pride Corporation
TPDES Permit No.:	WQ0003017000
Outfall No.:	001
Prepared by:	RUIQIANG ZONG
Date:	February 27, 2024

DISCHARGE INFORMATION

Receiving Waterbody:	Tankersley Creek
Segment No.:	0404
TSS (mg/L):	4
pH (Standard Units):	6.6
Hardness (mg/L as $CaCO_3$):	54
Chloride (mg/L):	41
Effluent Flow for Aquatic Life (MGD):	3.12
Critical Low Flow [7Q2] (cfs):	0.1
% Effluent for Chronic Aquatic Life (Mixing Zone):	97.97
% Effluent for Acute Aquatic Life (ZID):	99.48
Effluent Flow for Human Health (MGD):	2.638
Harmonic Mean Flow (cfs):	0.2
% Effluent for Human Health:	95.33
Human Health Criterion (select: PWS, FISH, or INC)	FISH

CALCULATE DISSOLVED FRACTION (AND ENTER WATER EFFECT RATIO IF APPLICABLE):

Stream/River Metal	*Intercept (b)*	*Slope (m)*	*Partition Coefficient (Kp)*	*Dissolved Fraction (Cd/Ct)*	*Source*	*Water Effect Ratio (WER)*	*Source*
Aluminum	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Arsenic	5.68	-0.73	173978.75	0.590		1.00	Assumed
Cadmium	6.60	-1.13	831136.22	0.231		1.00	Assumed
Chromium (total)	6.52	-0.93	912187.69	0.215		1.00	Assumed
Chromium (trivalent)	6.52	-0.93	912187.69	0.215		1.00	Assumed
Chromium (hexavalent)	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Copper	6.02	-0.74	375383.87	0.400		1.00	Assumed
Lead	6.45	-0.80	929719.64	0.212		1.00	Assumed
Mercury	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Nickel	5.69	-0.57	222241.83	0.529		1.00	Assumed
Selenium	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Silver	6.38	-1.03	575278.59	0.303		1.00	Assumed
Zinc	6.10	-0.70	477043.53	0.344		1.00	Assumed

AQUATIC LIFE

CALCULATE DAILY AVERAGE AND DAILY MAXIMUM EFFLUENT LIMITATIONS:

Parameter	*FW Acute Criterion (µg/L)*	*FW Chronic Criterion (µg/L)*	*WLAa (µg/L)*	*WLAc (µg/L)*	*LTAa (µg/L)*	*LTAc (µg/L)*	*Daily Avg. (µg/L)*	*Daily Max. (µg/L)*
Aldrin	3.0	N/A	3.02	N/A	1.73	N/A	2.54	5.37
Aluminum	991	N/A	996	N/A	571	N/A	839	1775
Arsenic	340	150	580	260	332	200	294	622
Cadmium	4.7	0.160	20.5	0.71	11.7	0.54	0.80	1.69
Carbaryl	2.0	N/A	2.01	N/A	1.15	N/A	1.69	3.58
Chlordane	2.4	0.004	2.41	0.0041	1.38	0.0031	0.0046	0.0098
Chlorpyrifos	0.083	0.041	0.083	0.042	0.048	0.032	0.047	0.100
Chromium (trivalent)	344	45	1607	212	921	163	240	508
Chromium (hexavalent)	15.7	10.6	15.8	10.8	9.0	8.3	12.2	25.9
Copper	7.9	5.6	20.0	14.3	11.5	11.0	16.2	34
Cyanide (free)	45.8	10.7	46.0	10.9	26.4	8.4	12.4	26.2
4,4'-DDT	1.1	0.001	1.11	0.0010	0.634	0.0008	0.0012	0.0024
Demeton	N/A	0.1	N/A	0.102	N/A	0.079	0.116	0.244
Diazinon	0.17	0.17	0.171	0.174	0.098	0.134	0.144	0.305
Dicofol [Kelthane]	59.3	19.8	59.6	20.2	34.2	15.6	22.9	48.4
Dieldrin	0.24	0.002	0.241	0.0020	0.138	0.0016	0.0023	0.0049
Diuron	210	70	211	71	121	55	81	171
Endosulfan I (*alpha*)	0.22	0.056	0.221	0.057	0.127	0.044	0.065	0.137
Endosulfan II (*beta*)	0.22	0.056	0.221	0.057	0.127	0.044	0.065	0.137
Endosulfan sulfate	0.22	0.056	0.221	0.057	0.127	0.044	0.065	0.137
Endrin	0.086	0.002	0.086	0.0020	0.050	0.0016	0.0023	0.0049
Guthion [Azinphos Methyl]	N/A	0.01	N/A	0.010	N/A	0.008	0.012	0.024
Heptachlor	0.52	0.004	0.52	0.0041	0.300	0.0031	0.0046	0.0098
Hexachlorocyclohexane (*gamma*) [Lindane]	1.126	0.08	1.13	0.082	0.649	0.063	0.092	0.196
Lead	33	1.28	156	6.2	89	4.7	7.0	15
Malathion	N/A	0.01	N/A	0.010	N/A	0.008	0.012	0.024
Mercury	2.4	1.3	2.41	1.33	1.38	1.02	1.50	3.18
Methoxychlor	N/A	0.03	N/A	0.031	N/A	0.024	0.035	0.073
Mirex	N/A	0.001	N/A	0.0010	N/A	0.0008	0.0012	0.0024
Nickel	278	30.9	528	60	302	46	67	143
Nonylphenol	28	6.6	28.1	6.7	16.1	5.19	7.6	16.1
Parathion (ethyl)	0.065	0.013	0.065	0.013	0.037	0.010	0.015	0.032
Pentachlorophenol	5.3	4.0	5.3	4.1	3.0	3.2	4.5	9.5
Phenanthrene	30	30	30.2	30.6	17.3	23.6	25.4	53.7
Polychlorinated Biphenyls [PCBs]	2.0	0.014	2.01	0.014	1.15	0.011	0.016	0.034
Selenium	20	5	20.1	5.10	11.5	3.93	5.8	12.2
Silver	0.8	N/A	9.73	N/A	5.58	N/A	8.20	17.3
Toxaphene	0.78	0.0002	0.784	0.00020	0.449	0.00016	0.00023	0.00049
Tributyltin [TBT]	0.13	0.024	0.131	0.024	0.075	0.019	0.028	0.059
2,4,5 Trichlorophenol	136	64	137	65	78.3	50.3	74	156
Zinc	70	70	203	208	116	160	171	362

HUMAN HEALTH

CALCULATE DAILY AVERAGE AND DAILY MAXIMUM EFFLUENT LIMITATIONS:

Parameter	*Water and Fish Criterion (µg/L)*	*Fish Only Criterion (µg/L)*	*Incidental Fish Criterion (µg/L)*	*WLAh (µg/L)*	*LTAh (µg/L)*	*Daily Avg. (µg/L)*	*Daily Max. (µg/L)*
Acrylonitrile	1.0	115	1150	120.64	112.19	164.92	348.91
Aldrin	1.146E-05	1.147E-05	1.147E-04	1.20E-05	1.12E-05	1.64E-05	3.48E-05
Anthracene	1109	1317	13170	1382	1285	1889	3996
Antimony	6	1071	10710	1123.5	1044.8	1535.9	3249.4
Arsenic	10	N/A	N/A	N/A	N/A	N/A	N/A
Barium	2000	N/A	N/A	N/A	N/A	N/A	N/A
Benzene	5	581	5810	609.5	566.8	833.2	1762.8
Benzidine	0.0015	0.107	1.07	0.1122	0.1044	0.1534	0.3246
Benzo(*a*)anthracene	0.024	0.025	0.25	0.026	0.024	0.036	0.076
Benzo(*a*)pyrene	0.0025	0.0025	0.025	0.0026	0.0024	0.004	0.008
Bis(chloromethyl)ether	0.0024	0.2745	2.745	0.2880	0.2678	0.394	0.833
Bis(2-chloroethyl)ether	0.60	42.83	428.3	44.93	41.78	61.42	129.95
Bis(2-ethylhexyl) phthalate [Di(2-ethylhexyl) phthalate]	6	7.55	75.5	7.9	7.4	10.8	22.9
Bromodichloromethane [Dichlorobromomethane]	10.2	275	2750	288.5	268.3	394.4	834
Bromoform [Tribromomethane]	66.9	1060	10600	1112	1034	1520	3216
Cadmium	5	N/A	N/A	N/A	N/A	N/A	N/A
Carbon Tetrachloride	4.5	46	460	48.3	44.9	66.0	139.6
Chlordane	0.0025	0.0025	0.025	0.0026	0.0024	0.004	0.008
Chlorobenzene	100	2737	27370	2871	2670	3925	8304
Chlorodibromomethane [Dibromochloromethane]	7.5	183	1830	192.0	178.5	262.4	555.2
Chloroform [Trichloromethane]	70	7697	76970	8074	7509	11038	23353
Chromium (hexavalent)	62	502	5020	527	490	720	1523
Chrysene	2.45	2.52	25.2	2.64	2.46	3.6	7.6
Cresols [Methylphenols]	1041	9301	93010	9757	9074	13338	28219
Cyanide (free)	200	N/A	N/A	N/A	N/A	N/A	N/A
4,4'-DDD	0.002	0.002	0.02	0.0021	0.0020	0.0029	0.0061
4,4'-DDE	0.00013	0.00013	0.0013	0.00014	0.00013	0.00019	0.0004
4,4'-DDT	0.0004	0.0004	0.004	0.0004	0.0004	0.0006	0.0012
2,4'-D	70	N/A	N/A	N/A	N/A	N/A	N/A
Danitol [Fenpropathrin]	262	473	4730	496	461	678	1435
1,2-Dibromoethane [Ethylene Dibromide]	0.17	4.24	42.4	4.448	4.136	6.081	12.86
m-Dichlorobenzene [1,3-Dichlorobenzene]	322	595	5950	624	580	853	1805
o-Dichlorobenzene [1,2-Dichlorobenzene]	600	3299	32990	3461	3218	4731	10009
p-Dichlorobenzene [1,4-Dichlorobenzene]	75	N/A	N/A	N/A	N/A	N/A	N/A
3,3'-Dichlorobenzidine	0.79	2.24	22.4	2.35	2.19	3.21	6.80
1,2-Dichloroethane	5	364	3640	381.8	355.1	522.0	1104.4
1,1-Dichloroethylene [1,1-Dichloroethene]	7	55114	551140	57814.6	53767.6	79038.4	167217.2
Dichloromethane [Methylene Chloride]	5	13333	133330	13986.3	13007.3	19120.7	40452.7
1,2-Dichloropropane	5	259	2590	271.7	252.7	371.4	785.8
1,3-Dichloropropene [1,3-Dichloropropylene]	2.8	119	1190	124.83	116.09	170.7	361.0
Dicofol [Kelthane]	0.30	0.30	3	0.31	0.293	0.43	0.91
Dieldrin	2.0E-05	2.0E-05	2.0E-04	2.10E-05	1.95E-05	2.87E-05	6.07E-05
2,4-Dimethylphenol	444	8436	84360	8849	8230	12098	25595
Di-*n*-Butyl Phthalate	88.9	92.4	924	97	90	133	280
Dioxins/Furans [TCDD Equivalents]	7.80E-08	7.97E-08	7.97E-07	8.36E-08	7.78E-08	1.14E-07	2.42E-07
Endrin	0.02	0.02	0.2	0.021	0.020	0.029	0.061
Epichlorohydrin	53.5	2013	20130	2112	1964	2887	6107
Ethylbenzene	700	1867	18670	1958	1821	2677	5665
Ethylene Glycol	46744	1.68E+07	1.68E+08	17623213	16389588	24092694	50971618
Fluoride	4000	N/A	N/A	N/A	N/A	N/A	N/A
Heptachlor	8.0E-05	0.0001	0.001	0.00010	0.00010	0.00014	0.00030

HUMAN HEALTH

CALCULATE DAILY AVERAGE AND DAILY MAXIMUM EFFLUENT LIMITATIONS:

Parameter	*Water and Fish Criterion (µg/L)*	*Fish Only Criterion (µg/L)*	*Incidental Fish Criterion (µg/L)*	*WLAh (µg/L)*	*LTAh (µg/L)*	*Daily Avg. (µg/L)*	*Daily Max. (µg/L)*
Heptachlor Epoxide	0.00029	0.00029	0.0029	0.0003	0.0003	0.0004	0.0009
Hexachlorobenzene	0.00068	0.00068	0.0068	0.0007	0.0007	0.0010	0.0021
Hexachlorobutadiene	0.21	0.22	2.2	0.231	0.215	0.315	0.67
Hexachlorocyclohexane (*alpha*)	0.0078	0.0084	0.084	0.009	0.008	0.012	0.025
Hexachlorocyclohexane (*beta*)	0.15	0.26	2.6	0.273	0.254	0.373	0.79
Hexachlorocyclohexane (*gamma*) [Lindane]	0.2	0.341	3.41	0.358	0.333	0.489	1.03
Hexachlorocyclopentadiene	10.7	11.6	116	12.2	11.3	16.6	35
Hexachloroethane	1.84	2.33	23.3	2.44	2.27	3.34	7.1
Hexachlorophene	2.05	2.90	29	3.04	2.83	4.16	8.8
4,4'-Isopropylidenediphenol [Bisphenol A]	1092	15982	159820	16765	15592	22920	48490
Lead	1.15	3.83	38.3	19.0	17.6	25.9	54.8
Mercury	0.0122	0.0122	0.122	0.013	0.012	0.017	0.037
Methoxychlor	2.92	3.0	30	3.1	2.93	4.3	9.1
Methyl Ethyl Ketone	13865	9.92E+05	9.92E+06	1040609	967766	1422616	3009753
Methyl *tert*-butyl ether [MTBE]	15	10482	104820	10995.6	10225.9	15032.1	31803
Nickel	332	1140	11400	2259	2101	3088	6534
Nitrate-Nitrogen (as Total Nitrogen)	10000	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	45.7	1873	18730	1965	1827	2686	5683
N-Nitrosodiethylamine	0.0037	2.1	21	2.203	2.049	3.012	6.371
N-Nitroso-di-*n*-Butylamine	0.119	4.2	42	4.406	4.097	6.023	12.74
Pentachlorobenzene	0.348	0.355	3.55	0.37	0.35	0.51	1.08
Pentachlorophenol	0.22	0.29	2.9	0.304	0.283	0.42	0.88
Polychlorinated Biphenyls [PCBs]	6.4E-04	6.4E-04	6.40E-03	0.0007	0.0006	0.0009	0.0019
Pyridine	23	947	9470	993.4	923.9	1358	2873
Selenium	50	N/A	N/A	N/A	N/A	N/A	N/A
1,2,4,5-Tetrachlorobenzene	0.23	0.24	2.4	0.252	0.234	0.34	0.73
1,1,2,2-Tetrachloroethane	1.64	26.35	263.5	27.64	25.71	37.79	79.9
Tetrachloroethylene [Tetrachloroethylene]	5	280	2800	293.7	273.2	401.5	849.5
Thallium	0.12	0.23	2.3	0.241	0.224	0.330	0.70
Toluene	1000	N/A	N/A	N/A	N/A	N/A	N/A
Toxaphene	0.011	0.011	0.11	0.012	0.011	0.016	0.033
2,4,5-TP [Silvex]	50	369	3690	387	360	529	1120
1,1,1-Trichloroethane	200	784354	7843540	822788	765193	1124833	2379750
1,1,2-Trichloroethane	5	166	1660	174.1	161.9	238.1	503.6
Trichloroethylene [Trichloroethene]	5	71.9	719	75.4	70.1	103.1	218.1
2,4,5-Trichlorophenol	1039	1867	18670	1958	1821	2677	5665
TTHM [Sum of Total Trihalomethanes]	80	N/A	N/A	N/A	N/A	N/A	N/A
Vinyl Chloride	0.23	16.5	165	17.309	16.097	23.662	50.061

CALCULATE 70% AND 85% OF DAILY AVERAGE EFFLUENT LIMITATIONS:

Aquatic Life	***70% of Daily Avg.***	***85% of Daily Avg.***
Parameter	***(µg/L)***	***(µg/L)***
Aldrin	1.78	2.16
Aluminum	587	713
Arsenic	206	250
Cadmium	0.56	0.68
Carbaryl	1.19	1.44
Chlordane	0.0032	0.0039
Chlorpyrifos	0.033	0.040
Chromium (trivalent)	168	204
Chromium (hexavalent)	8.6	10.4
Copper	11.3	13.7
Cyanide (free)	8.7	10.5
4,4'-DDT	0.0008	0.0010
Demeton	0.081	0.098
Diazinon	0.101	0.122
Dicofol [Kelthane]	16.0	19.4
Dieldrin	0.0016	0.0020
Diuron	57	69
Endosulfan I (*alpha*)	0.045	0.055
Endosulfan II (*beta*)	0.045	0.055
Endosulfan sulfate	0.045	0.055
Endrin	0.0016	0.0020
Guthion [Azinphos Methyl]	0.008	0.010
Heptachlor	0.0032	0.0039
Hexachlorocyclohexane (*gamma*) [Lindane]	0.065	0.079
Lead	4.9	5.9
Malathion	0.008	0.010
Mercury	1.05	1.28
Methoxychlor	0.024	0.029
Mirex	0.0008	0.0010
Nickel	47	57
Nonylphenol	5.34	6.5
Parathion (ethyl)	0.011	0.013
Pentachlorophenol	3.1	3.8
Phenanthrene	17.8	21.6
Polychlorinated Biphenyls [PCBs]	0.011	0.014
Selenium	4.04	4.91
Silver	5.74	6.97
Toxaphene	0.00016	0.00020
Tributyltin [TBT]	0.019	0.024
2,4,5 Trichlorophenol	51.8	63
Zinc	120	146

Human Health	*70% of Daily Avg.*	*85% of Daily Avg.*
Parameter	***(µg/L)***	***(µg/L)***
Acrylonitrile	115.44	140.18
Aldrin	1.15E-05	1.40E-05
Anthracene	1322	1605
Antimony	1075.1	1305.5
Arsenic	N/A	N/A
Barium	N/A	N/A
Benzene	583.2	708.2
Benzidine	0.1074	0.1304
Benzo(*a*)anthracene	0.025	0.030
Benzo(*a*)pyrene	0.0025	0.0030
Bis(chloromethyl)ether	0.2756	0.3346
Bis(2-chloroethyl)ether	43.00	52.21
Bis(2-ethylhexyl) phthalate [Di(2-ethylhexyl) phthalate]	7.6	9.2
Bromodichloromethane [Dichlorobromomethane]	276.1	335.2
Bromoform [Tribromomethane]	1064	1292
Cadmium	N/A	N/A
Carbon Tetrachloride	46.2	56.1
Chlordane	0.0025	0.0030
Chlorobenzene	2748	3336
Chlorodibromomethane [Dibromochloromethane]	183.7	223.1
Chloroform [Trichloromethane]	7727	9382
Chromium (hexavalent)	504	612
Chrysene	2.53	3.07
Cresols [Methylphenols]	9337	11338
Cyanide (free)	N/A	N/A
4,4'-DDD	0.0020	0.0024
4,4'-DDE	0.00013	0.00016
4,4'-DDT	0.0004	0.0005
2,4'-D	N/A	N/A
Danitol [Fenpropathrin]	475	577
1,2-Dibromoethane [Ethylene Dibromide]	4.256	5.168
m-Dichlorobenzene [1,3-Dichlorobenzene]	597	725
o-Dichlorobenzene [1,2-Dichlorobenzene]	3312	4021
p-Dichlorobenzene [1,4-Dichlorobenzene]	N/A	N/A
3,3'-Dichlorobenzidine	2.25	2.73
1,2-Dichloroethane	365.4	443.7
1,1-Dichloroethylene [1,1-Dichloroethene]	55326.9	67182.6
Dichloromethane [Methylene Chloride]	13384.5	16252.6
1,2-Dichloropropane	260.0	315.7
1,3-Dichloropropene [1,3-Dichloropropylene]	119.46	145.1
Dicofol [Kelthane]	0.301	0.37
Dieldrin	2.01E-05	2.44E-05
2,4-Dimethylphenol	8469	10283
Di-*n*-Butyl Phthalate	93	113
Dioxins/Furans [TCDD Equivalents]	8.00E-08	9.72E-08
Endrin	0.020	0.024
Epichlorohydrin	2021	2454
Ethylbenzene	1874	2276
Ethylene Glycol	16864886	20478790
Fluoride	N/A	N/A
Heptachlor	0.00010	0.00012
Heptachlor Epoxide	0.00029	0.00035
Hexachlorobenzene	0.0007	0.0008
Hexachlorobutadiene	0.221	0.268
Hexachlorocyclohexane (*alpha*)	0.008	0.010

Human Health	*70% of Daily Avg.*	*85% of Daily Avg.*
Parameter	***(µg/L)***	***(µg/L)***
Hexachlorocyclohexane (*beta*)	0.261	0.317
Hexachlorocyclohexane (*gamma*) [Lindane]	0.342	0.416
Hexachlorocyclopentadiene	11.6	14.1
Hexachloroethane	2.34	2.84
Hexachlorophene	2.91	3.54
4,4'-Isopropylidenediphenol [Bisphenol A]	16044	19482
Lead	18.1	22.0
Mercury	0.012	0.015
Methoxychlor	3.01	3.7
Methyl Ethyl Ketone	995831	1209224
Methyl *tert*-butyl ether [MTBE]	10522.5	12777.3
Nickel	2162	2625
Nitrate-Nitrogen (as Total Nitrogen)	N/A	N/A
Nitrobenzene	1880	2283
N-Nitrosodiethylamine	2.108	2.560
N-Nitroso-di-*n*-Butylamine	4.216	5.120
Pentachlorobenzene	0.36	0.43
Pentachlorophenol	0.291	0.354
Polychlorinated Biphenyls [PCBs]	0.0006	0.0008
Pyridine	950.7	1154.4
Selenium	N/A	N/A
1,2,4,5-Tetrachlorobenzene	0.241	0.293
1,1,2,2-Tetrachloroethane	26.45	32.12
Tetrachloroethylene [Tetrachloroethylene]	281.1	341.3
Thallium	0.231	0.280
Toluene	N/A	N/A
Toxaphene	0.011	0.013
2,4,5-TP [Silvex]	370	450
1,1,1-Trichloroethane	787383	956108
1,1,2-Trichloroethane	166.6	202.3
Trichloroethylene [Trichloroethene]	72.2	87.6
2,4,5-Trichlorophenol	1874	2276
TTHM [Sum of Total Trihalomethanes]	N/A	N/A
Vinyl Chloride	16.564	20.113

Appendix C
TDS, Chloride, and Sulfate Screening Calculations

Screening Calculations for Total Dissolved Solids, Chloride, and Sulfate
Menu 3 - Discharge to a Perennial Stream or River

Applicant Name: Pilgrim's Pride Corp.
Permit Number, Outfall: 03017, outfall 001
Segment Number: 0404

Enter values needed for screening:			Data Source (edit if different)
QE - Average effluent flow	**2.638**	MGD	Calculated by CC reviewer_8/3/23
QS - Perennial stream harmonic mean flow	**12.00**	cfs	HM for Seg. 0404 (App. C, IPs, 2010)
QE - Average effluent flow	**4.0816**	cfs	Calculated
CA - TDS - ambient segment concentration	**220**	mg/L	2010 IP, Appendix D
CA - chloride - ambient segment concentration	**32**	mg/L	2010 IP, Appendix D
CA - sulfate - ambient segment concentration	**42**	mg/L	2010 IP, Appendix D
CC - TDS - segment criterion	**500**	mg/L	2014 TSWQS, Appendix A
CC - chloride - segment criterion	**100**	mg/L	2014 TSWQS, Appendix A
CC - sulfate - segment criterion	**100**	mg/L	2014 TSWQS, Appendix A
CE - TDS - average effluent concentration	**821.5**	mg/L	Permit application
CE - chloride - average effluent concentration	**120.75**	mg/L	Permit application
CE - sulfate - average effluent concentration	**152.75**	mg/L	Permit application

Screening Equation

$$CC \geq [(QS)(CA) + (QE)(CE)]/[QE + QS]$$

No further screening for TDS needed if:	**372.66**	≤	**500**
No further screening for chloride needed if:	**54.53**	≤	**100**
No further screening for sulfate needed if:	**70.11**	≤	**100**

Permit Limit Calculations

TDS

Calculate the WLA	WLA= [CC(QE+QS) - (QS)(CA)]/QE	1323.21
Calculate the LTA	LTA = WLA * 0.93	1230.58
Calculate the daily average	Daily Avg. = LTA * 1.47	**1808.96**
Calculate the daily maximum	Daily Max. = LTA * 3.11	**3827.11**

Calculate 70% of the daily average	70% of Daily Avg. =		1266.27		
Calculate 85% of the daily average	85% of Daily Avg. =		1537.61		
No permit limitations needed if:	**821.5**	**≤**	**1266.27**		
Reporting needed if:	**821.5**	**>**	**1266.27**	**but ≤**	**1537.61**
Permit limits may be needed if:	**821.5**	**>**	**1537.61**		

No permit limitations needed for TDS

Chloride

Calculate the WLA	WLA= [CC(QE+QS) - (QS)(CA)]/QE		299.92		
Calculate the LTA	LTA = WLA * 0.93		278.93		
Calculate the daily average	Daily Avg. = LTA * 1.47		**410.02**		
Calculate the daily maximum	Daily Max. = LTA * 3.11		**867.46**		
Calculate 70% of the daily average	70% of Daily Avg. =		287.02		
Calculate 85% of the daily average	85% of Daily Avg. =		348.52		
No permit limitations needed if:	**120.75**	**≤**	**287.02**		
Reporting needed if:	**120.75**	**>**	**287.02**	**but ≤**	**348.52**
Permit limits may be needed if:	**120.75**	**>**	**348.52**		

No permit limitations needed for chloride

Sulfate

Calculate the WLA	WLA= [CC(QE+QS) - (QS)(CA)]/QE		270.52		
Calculate the LTA	LTA = WLA * 0.93		251.59		
Calculate the daily average	Daily Avg. = LTA * 1.47		**369.83**		
Calculate the daily maximum	Daily Max. = LTA * 3.11		**782.43**		
Calculate 70% of the daily average	70% of Daily Avg. =		258.88		
Calculate 85% of the daily average	85% of Daily Avg. =		314.36		
No permit limitations needed if:	**152.75**	**≤**	**258.88**		
Reporting needed if:	**152.75**	**>**	**258.88**	**but ≤**	**314.36**
Permit limits may be needed if:	**152.75**	**>**	**314.36**		

No permit limitations needed for sulfate

Appendix D
Comparison of Technology-Based Effluent Limits and Water Quality-Based Effluent Limits

The following table is a summary of technology-based effluent limitations calculated/assessed in the draft permit (Technology-Based), calculated/ assessed water quality-based effluent limitations (Water Quality-Based), and effluent limitations in the existing permit (Existing Permit). Effluent limitations appearing in bold are the most stringent of the three and are included in the draft permit.

Outfall	*Parameter*	*Technology-Based*				*Water Quality-Based*				*Existing Permit*			
		Daily Avg		*Daily Max*		*Daily Avg*		*Daily Max*		*Daily Avg*		*Daily Max*	
		mg/L	*lbs/day*	*mg/L*	*lbs/day*	*mg/L*	*lbs/day*	*mg/L*	*lbs/day*	*mg/L*	*lbs/day*	*mg/L*	*lbs/day*
001	Flow	3.5 MGD		5.0 MGD		---	---	---	---	**3.5 MGD**		**5.0 MGD**	
	Carbonaceous Biochemical Oxygen Demand (5-day)	---	---	---	---	5	146	10	292	**5**	**146**	**10**	**292**
	Total Suspended Solids	20	580	30	884	---	---	---	---	**15**	**376**	**30**	**751**
	Biochemical Oxygen Demand (5-day)	16	462	26	759	---	---	---	---	**16**	**454**	**26**	**738**
	Ammonia (as N)	---	---	---	---	---	---	---	---	---	---	---	---
	April - October	---	---	---	---	1	29	2	58	1	29	**2**	**58**
	November - March	4	117	8	224	4	117	6	175	**4**	**113**	**6**	**170**
	Total Nitrogen	103	2,926	147	4,176	---	---	---	---	**103**	**2,922**	**147**	**4,171**
	Chloride	---	---	---	---	---	---	---	---	**Report**	**Report**	**Report**	**Report**
	Sulfate	---	---	---	---	312	9113	661	19,306	**312**	**9,113**	**661**	**19,306**
	Total Dissolved Solids	---	---	---	---	---	---	---	---	**Report**	**Report**	**Report**	**Report**
	Conductivity (mmhos/cm)	---	---	---	---	---	---	---	---	**Report**		**Report**	
	Oil and Grease [1]	8	227	14	397	---	---	---	---	**8**	**227**	**14**	**376**
	Total Residual Chlorine	---	---	1.0 (min)		---	---	---	---	---	---	**1.0 (min)**	
	Total Residual Chlorine	---		0.1 (max)		---	---					**0.1 (max)[2]**	
	Total Phosphorus	---	---	---	---	---	---	---	---	**Report**	**144.89**	**Report**	**Report**
	Total Phosphorus - Monthly	---	---	---	---	**---**	**---**	**---**	**---**	---	---	**Report, lbs/month**	
	Total Phosphorus – Annual	---	---	---	---	**---**	**---**	44,100 lbs/year		---	---	**441,00 lbs/year**	
	E. coli	---	---	---	---	126		(394)		**126**		**394**	
	Fecal Coliform	---	---	400		---	---	---	---	---	---	**200**	
	Dissolved Oxygen	---	---	---	---	---	---	6.0 (min)		---	---	**6.0 (min)**	

all	Parameter	Technology-Based				Water Quality-Based				Existing Permit			
		Daily Avg		Daily Max		Daily Avg		Daily Max		Daily Avg		Daily Max	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
001	Chromium, Hexavalent	---	---	---	---	---	---	---	---	**Report**	---	**Report**	---
	Copper, Total	---	---	---	---	---	---	---	---	**Report**	---	**Report**	---
	Lead, Total	---	---	---	---	---	---	---	---	**Report**	---	**Report**	---
	Zinc, Total	---	---	---	---	0.171	---	0.362	---	**0.150**	---	**0.317**	---
	Mercury, Total	---	---	---	---	---	---	---	---	**Report**	---	**Report**	---
	pH	6.0 SU (min)		9.0 SU (max)						**6.0 SU (min)**		**9.0 SU (max)**	

Proposed WET Limits:	Daily Avg.	Daily Max	Existing WET Limits	Daily Avg.	Daily Max
Lethal Whole Effluent Toxicity (WET) limit 94% (Parameter 51710) *Ceriodaphnia dubia* (7-day chronic NOEC[3])	98%	98%	Lethal Whole Effluent Toxicity (WET) limit 98% (PCS/STORET 22414) *Ceriodaphnia dubia* (7-day chronic NOEC[3])	98%	98%
Lethal Whole Effluent Toxicity (WET) 94% (Parameter 51714) *Pimephales promelas* (7-day chronic NOEC[3])	98%	98%	Lethal Whole Effluent Toxicity (WET limit 98% (PCS/STORET 22414) *Pimephales promelas* (7-day chronic NOEC 3)	98%	98%
Sublethal Whole Effluent Toxicity (WET) limit 80% (Parameter 51710) *Ceriodaphnia dubia* (7-day chronic NOEC[3])	80%	80%	Sublethal WET Limit 80% (Parameter 22414) *Ceriodaphnia dubia* (7-day chronic NOEC[3])	80%	80%

[1] Total recoverable oil and grease measured as n-hexane extractable material.
[2] After dichlorination.
[3] No Observed Effect Concentration.

Brooke Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina Gonzales, *Commissioner*
Kelly Keel, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 2, 2025

Mr. Tyson Clark, Complex Environmental Manager
Pilgrim's Pride Corporation
P.O. Box 1268
Mount Pleasant, Texas 75456

RE: Notice of Preliminary Decision and Draft Permit
Applicant Name: Pilgrim's Pride Corporation
Facility Name: Pilgrim's Pride Southwest Wastewater Treatment Plant
Permit No.: WQ0003017000
Customer Reference Number: CN601276660
Regulated Entity Number: RN102184041
Type of Application: Major amendment with renewal

Dear Mr. Clark:

The executive director has completed the technical review of the above referenced application, received on May 1, 2023 and has prepared a preliminary decision and draft permit.

You are now required to publish another notice of your proposed activity. To help you meet the requirements associated with this notice, we have included the following items:

Instructions for Public Notice
Notice for Newspaper Publication
Publisher's Affidavits
Draft Permit
Executive Director's Preliminary Decision
Public Notice Verification Form

You must follow all the directions in the enclosed instructions. The most common mistakes are the unauthorized changing of notice, wording, or font. If you fail to follow these instructions, you may be required to republish the notices.

The following requirements are also described in the enclosed instructions. However, due to their importance, they are highlighted here as well.

1. You must publish the enclosed notice within as soon as possible, but no later than 45 days from the date on the cover letter. **You may be required to publish the notice in more than one newspaper, including a newspaper published in an alternative language, to satisfy all of the notice requirements.**

2. On or before the date you publish notice, you must place the following items in a public place in the county where the facility is or will be located.

   (a) a copy of your permit application, including any subsequent revisions;
   (b) the executive director's preliminary decision as contained in the fact sheet; and
   (c) the draft permit, including any subsequent revisions.

   These items must be accessible to the public for review and copying, must be updated to reflect changes to the application, and must remain in place until the commission has taken action on the application or the commission refers issues to the State Office of Administrative Hearings.

3. For each publication, submit proof of publication of the notice that shows the publication date and newspaper name to the Office of the Chief Clerk within **30 calendar days** after notice is published in the newspaper.

4. Return the original enclosed Public Notice Verification and the Publisher's Affidavits to the Office of the Chief Clerk within **30 calendar days** after the notice is published in the newspaper.

If you do not comply with **all** the requirements described in the instructions, further processing of your application may be suspended or the agency may take other actions.

If you have any questions regarding publication requirements, please contact the Office of Legal Services at (512) 239-0600. If you have any questions regarding the content of the notice, please contact the individual in the permitting area assigned to your application.

Sincerely,

Laurie Gharis

Laurie Gharis
Chief Clerk
Office of the Chief Clerk

LG/RZ/af

Enclosures

bcc: TCEQ Region 5, Water Program Manager

Brooke Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina Gonzales, *Commissioner*
Kelly Keel, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 2, 2025

Mr. Tyson Clark, Complex Environmental Manager
Pilgrim's Pride Corporation
P.O. Box 1268
Mount Pleasant, Texas 75456

RE: Permit Application
Permit No.: WQ0003017000
Pilgrim's Pride Corporation
Pilgrim's Pride Southwest Wastewater Treatment Plant
Mount Pleasant, Titus County
Customer Reference Number: CN601276660
Regulated Entity Number: RN102184041

Dear Mr. Clark:

The Texas Commission on Environmental Quality (TCEQ) has made a preliminary decision on the above-referenced permit applications. In accordance with Title 30 Texas Administrative Code § 39.419(b), you are now required to publish Notice of Application and Preliminary Decision. You must provide a copy of the preliminary decision letter with the draft permit at the public place referenced in the public notice.

If you have any questions, please contact Ruiqiang Zong by telephone at (512) 239-4589, by e-mail at ruiqiang.zong@tceq.texas.gov, or write to the TCEQ, Office of Water, Water Quality Division, MC-148, Austin, Texas, 78711-3087.

Sincerely,

Matthew Udenenwu
Section Manager, Wastewater Permitting
Office of Water

MU/RZ/af

Enclosures

cc: TCEQ Region 5, Water Program Manager

Brooke Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina Gonzales, *Commissioner*
Kelly Keel, *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

Mr. Tyson Clark, Complex Environmental Manager
Pilgrim's Pride Corporation
P.O. Box 1268
Mount Pleasant, Texas 75456

Re: Pilgrim's Pride Corporation
Draft TPDES Permit No. WQ0003017000, EPA ID No. TX0062936
(CN601276660), (RN102184041)

Dear Mr. Clark:

A draft permit and technical summary for the above-referenced operation are enclosed for your review and comment. The drafts are subject to further staff review and modification; however, they generally include the terms and conditions that are appropriate for your discharge. **Please read the entire draft carefully, because there are changes from the existing permit.** Also enclosed for your review and comment is a copy of the draft second notice, the Notice of Application and Preliminary Decision. Please provide comments if there are inaccuracies or information that is not consistent with your application. After the draft permit is filed with the Office of the Chief Clerk, you will receive instructions for publishing this notice in a newspaper, unless notice is only required in the *Texas Register.*

Please submit your comments before the deadline provided in the e-mail. If your comments are not received by the deadline, the draft permit will be transferred to the Office of the Chief Clerk and comments received after the deadline will not be considered.

This application was declared administratively complete on August 1 24, 2023. Please note, a translated copy of the NAPD in the alternative language must be submitted with your comments on the draft permit. If a translated NAPD is not received, the draft permit cannot be filed with the Office of the Chief Clerk. For notice templates in Spanish, please visit:
https://www.tceq.texas.gov/permitting/wastewater/review/napd/wqspanish_napd.html.

If you have comments or questions, please contact me before the comment deadline at (512) 239-4589, by e-mail at ruiqiang.zong@tceq.texas.gov, or, if by correspondence, include "MC 148" following my name in the letterhead address.

Sincerely,

Ruiqiang Zong
Wastewater Permitting Section
Water Quality Division

RZ

Enclosure

Request for Comments – Draft Conditions
TCEQ – Water Quality Division
Phone: (512) 239-4671
Fax: (512) 239-4430
Mailing Address: TCEQ, Water Quality Division, P.O. Box 13087, Austin, TX 78711-3087

TO: Region 5

Submitted by: Ruiqiang Zong **E-Mail ID:** ruiqiang.zong **Phone:** (512) 239-4589

Date request submitted:

Comments deadline: within 7 calendar days

Date application received by TCEQ in Austin: May 1, 2023

REGIONAL OFFICES: The entity below has submitted an application for the project referenced below in accordance with regulations of the TCEQ. Please return comments ASAP, but no later than the comments deadline which is 7 calendar days from the submittal date. Permit disposition will proceed after comments are received or after the comments deadline has passed. If no comments are received within this time frame, we will assume you have no comments or objections to the project as proposed. Please return a complete copy of the form (both sides) with your comments.

Project type: Major amendment with renewal **Team assigned:** Industrial

TPDES/TLAP: TPDES **Regulated Entity No.:** RN102184041

Permit No.: WQ0003017000

Company name: Pilgrim's Pride Corporation **Customer Reference No.:** CN601276660

Facility name: Pilgrim's Pride Southwest Wastewater Treatment Plant

Address: 664 Farm-to-Market Road 127 West, Mount Pleasant, Texas 75455

Segment: 0404 **County:** Titus

Technical contact: Mr. Tyson Clark **Phone:** (903) 575-3176

Major/Minor: Major

Compliance rating: Customer – Satisfactory (0.87) / Site – Satisfactory (5.35)

Summary of application request: Major amendment to reduce the sampling frequencies from 3/week to 1/week for carbonaceous biochemical oxygen demand, 5-day ($CBOD_5$), totoal suspended solids (TSS), biochemical oxygen demand, 5-day (BOD_5), Ammonia, total nitrogen, conductivity, oil and grease, and *E. coli*. Renewal to discharge treated process wastewater, utility wastewater, and treated domestic wastewater at a daily average flow not to exceed 3,500,000 gallons per day via Outfall 001.

Permit writer comments: See changes in Section VIII of Summary of Changes from Application and Section IX of Summary of Changes from Existing Permit. The requests for CBOD5, BOD5, TSS, Oil and Grease, Ammonia (April – October), and *E. coli* have been denied. The sampling frequency for Ammonia (November – March) is reduced to 1/week; and the sampling frequency for Total Nitrogen is reduced to 2/week.

Request for Comments -- Draft Permit
RESPONSE

TO: **Permit Writer, Ruiqiang Zong**
FROM: Region:
Copy of Application Received by your Office: ___ YES ___ NO Date Received: _____

COMPANY NAME: Pilgrim's Pride Corporation

PERMIT NO.: WQ0003017000

REGULATED ENTITY NO: RN102184041

Investigator's/Compliance Officer's Name (Please Print): _____

Phone: _____

Comments Deadline (from pg. 1):

Date of Last Site Visit: _____

COMMENTS ON CONDITIONS: (Please mark up draft special conditions with your comments. Please address applicability and enforceability. List any additional conditions below):

Compliance Determination Conditions: _____

_____

_____

_____

_____

Operational Limitations: _____

_____

_____

_____

_____

GENERAL COMMENTS: _____

_____

_____

_____

AGENDA CAPTION FOR PERMIT NO. WQ0003017000

Pilgrim's Pride Corporation, which operates Pilgrim's Pride Southwest Wastewater Treatment Plant, has applied for a major amendment of Texas Pollutant Discharge Elimination System Permit No. WQ0003017000 to reduce the sampling frequencies from 3/week to 1/week for Carbonaceous Biochemical Oxygen Demand, 5-day, Total Suspended Solids, Biochemical Oxygen Demand, 5-day, Ammonia, Total Nitrogen, Conductivity, Oil and Grease, and *E. coli*. The draft permit authorizes the discharge of treated process wastewater, utility wastewater, and treated domestic wastewater at a daily average flow not to exceed 3,500,000 gallons per day via Outfall 001. The facility is located at 664 Farm-to-Market Road 127 West, near the City of Mount Pleasant, Titus County, Texas 75455.

Mailed on 2/23/2024

Senate Bill 709 (84th Legislative Session, 2015) amended the Texas Water Code by adding new Section 5.5553, which requires the Texas Commission on Environmental Quality (TCEQ) to provide written notice to you at least thirty (30) days prior to the TCEQ's issuance of draft permits for applications that are located in your district.

Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, which owns a poultry slaughtering and processing facility, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0003017000 (EPA I.D. No. TX0062936) to authorize a reduction in sampling frequency for five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), five-day biochemical oxygen demand (BOD5), ammonia, total nitrogen, conductivity, oil and grease, and E.coli from three times per week to weekly sampling. The facility is located at 664 Farm-to-Market Road 127, Mount Pleasant, in Titus County, Texas 75455. The discharge route is from the plant site to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin. TCEQ received this application on May 1, 2023. The permit application will be available for viewing and copying at City of Mount Pleasant, Texas Public Library, 601 North Madison Avenue, Mount Pleasant, Texas prior to the date this notice is published in the newspaper. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.995555,33.138888&level=18

Alternative language notice in Spanish is available at https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

TCEQ is preparing the initial draft permit. At the time the draft permit is issued, the applicant will be required to publish notice in a newspaper of general circulation, and the TCEQ will provide a copy of the notice of draft permit to persons who have requested to be on a mailing list.

Questions regarding this application may be directed to Ms. Alyssa Loveday by calling 512-239-4524.

Issuance Date: _____

CMP THRESHOLD REVIEW SHEET

INDUSTRIAL WASTEWATER DISCHARGE PERMITS

PERMITTEE: Pilgrim's Pride Corporation

TPDES PERMIT NO.: WQ0003017000

CLASSIFIED SEGMENT:

NAME: Big Cypress Creek Below Lake Bob Sandlin

NUMBER: 0404

COUNTY: Titus

Is the facility located within the Coastal Zone?
Yes ☐ No ☒

If "Yes," complete Section A and, if directed to do so, Section B. If "No," this worksheet is not required.

SECTION A

Yes	No		
☐	☐	1.	This is a new permit application which would authorize the discharge of a wastewater subject to EPA Categorical Effluent Standards (40 CFR Parts 400-471) into a priority segment (see Appendix B).
☐	☐	2.	This is an amendment permit application which would authorize an increase in the mass loading of pollutants from the discharge of a wastewater subject to EPA Categorical Effluent Standards (40 CFR Parts 400-471) into a priority segment (see Appendix B).
☐	☐	3.	This is an amendment permit application which would change the point of discharge of a wastewater subject to EPA Categorical Effluent Standards (40 CFR Parts 400-471) into a priority segment (see Appendix B).

IF "YES" TO ANY OF THE ABOVE THEN THE PERMIT ACTION IS CONSIDERED ABOVE THRESHOLD, COMPLETE SECTION B.

IF "NO" TO ALL OF THE ABOVE, THEN THE PERMIT ACTION IS CONSIDERED BELOW THRESHOLD, STOP HERE.

SECTION B

☐	1.	The IOM from standards states that "no significant degradation of high quality receiving waters is anticipated" (if receiving water has a designated high quality aquatic life use).
☐	2.	The IOM from standards states that "no loss of designated uses is anticipated."
☐	3.	The draft permit complies with all applicable provisions of 30 TAC 307, 309, and 319.

Ruiqiang Zong
PERMIT WRITER

March 1, 2024
DATE

30 TAC Chapter 281
APPENDIX B

TIDAL SEGMENTS DESIGNATED AS TCEQ PRIORITY WATERBODIES COASTAL MANAGEMENT PROGRAM

Segment Number	Name
2412	Sabine Lake
2411	Sabine Pass
2423	East Bay
2439	Lower Galveston Bay
0801	Trinity River Tidal
1113	Armand Bayou Tidal
2431	Moses Lake
2424	West Bay
2432	Chocolate Bay
2433	Bastrop Bay/Oyster Lake
2434	Christmas Bay
2435	Drum Bay
2442	Cedar Lakes
2441	East Matagorda Bay
2451	Matagorda Bay/Powderhorn Lake
2452	Tres Palacios Bay/Turtle Bay
2456	Carancahua Bay
2455	Keller Bay
2461	Espiritu Santo Bay
2462	San Antonio Bay/Hynes Bay/Guadalupe Bay
1801	Guadalupe River Tidal
2463	Mesquite Bay/Carlos Bay/Ayres Bay
2473	St. Charles Bay
2471	Aransas Bay
2472	Copano Bay/Port Bay/Mission Bay
2483	Redfish Bay
2482	Nueces Bay
2492	Baffin Bay/Alazan Bay/Cayo Del Grullo/Laguna Salada
2491	Laguna Madre
2493	South Bay

INDUSTRIAL EPA REVIEW CHECKLIST

Permittee Name: Pilgrim's Pride Corporation

Permittee Number: WQ0003017000

IS THIS A MINOR AMENDMENT WITHOUT RENEWAL?

☐ **EPA review is waived per the MOA**, because this is a minor amendment without renewal. SKIP TO THE END.

For all other application types, check all that apply:

Yes	No	
☐	☒	discharge to territorial seas (within 3 miles of the coastline) of the United States?
☐	☒	discharge or sewage sludge management may affect another state or the Republic of Mexico? For sewage sludge management, "may affect" means accepts sewage sludge from another state or Mexico. For discharge, it means a discharge within 3 miles of a boundary with another state or Mexico.
☐	☒	discharge of uncontaminated cooling tower blowdown with a permitted daily average flow >500 MGD?
☒	☐	discharge from a designated major facility?
☐	☒	discharge from a categorical industry as listed in 40 CFR Part 122, Appendix A? (see Attachment A) *with wastestreams subject to federal ELGs?*
☒	☐	discharge from source other than a categorical industry as listed in 40 CFR Part 122, Appendix A with a permitted daily average flow >0.5 MGD, except for facilities that discharge non-process wastewater? Non-process wastewater is water that (during manufacturing or processing) does not come into direct contact with, or results from the production or use of any raw material, intermediate product, finished product, byproduct, or waste product.
☐	☒	minor facility discharge to critical concern species watersheds (see WQ Standards review)
☐	☒	(Prior to a final TMDL) discharge from a new or expanding facility to a 303(d) listed segment which has the potential to discharge any pollutant which is causing or contributing to the impairment of the segment?
☐	☒	(After a final TMDL) discharge from a new or expanding discharge to a 303(d) listed segment where the TMDL does not allocate the loadings described in the draft permit?
☐	☒	(After a final TMDL) a permit with effluent limits which allow loadings in excess of those prescribed by the TMDL for the segment?
☐	☒	(After a final TMDL) permit allows a three-year compliance schedule for limits based on the TMDL allocations?
☐	☒	Is the main purpose of the facility to desalinate either seawater or salty ground water?
☐	☒	Is an Oil & Gas facility that discharges produced wastewater or holds one of the following SIC Codes: 1311, 1381, 1382, 1389, or 4922?
☐	☒	**Other:** N/A

Per the screening above, choose one:

☒ **Yes, EPA review is required.** ☐ No, EPA review is <u>not</u> required.

Ruiqiang Zong
Permit Writer's Name

March 1, 2024
Date

ATTACHMENT A

PRIMARY INDUSTRIAL CATEGORIES

Adhesives and sealants	N/A
Aluminum forming	**Part 467**
Auto and other laundries	N/A
Battery and manufacturing	**Part 461**
Coal mining	**Part 434**
Coil coating	**Part 465**
Copper forming	**Part 468**
Electrical and electronic components	**Part 469**
Electroplating	**Part 413**
Explosives manufacturing	**Part 457**
Foundries	N/A
Gum and wood chemicals	**Part 454**
Inorganic chemicals manufacturing	**Part 415**
Iron and steel manufacturing	**Part 420**
Leather tanning and finishing	**Part 425**
Mechanical products manufacturing	N/A
Nonferrous metals manufacturing	**Part 421**
Ore mining	**Part 440**
Organic chemicals manufacturing	**Part 414**
Paint and ink formulation	**Part 446**
Pesticides	**Part 455**
Petroleum refining	**Part 419**
Pharmaceutical preparation	**Part 439**
Photographic equipment and supplies	**Part 459**
Plastics processing	**Part 463**
Plastic and synthetic material manufacturing	**Part 414**
Porcelain enameling	**Part 466**
Printing and publishing	N/A
Pulp and paper mills	**Part 430**
Rubber processing	**Part 428**
Soap and detergent manufacturing	**Part 417**
Steam electric power plants	**Part 423**
Textile mills	**Part 410**
Timber products processing	**Part 429**

TPDES PERMIT MAJOR/MINOR RATING WORK SHEET

TPDES No.: WQ0003017000 **NPDES No.:** TX0062936

Facility Name: Pilgrim's Pride Corporation

City/County: Mount Pleasant / Titus

Receiving Water (Name/Segment No.):

Big Cypress Creek Below Lake Bob Sandlin 0404

Is this facility a steam electric power plant (SIC=4911) with one or more of the following characteristics?

1. Power output 500 MW or greater (no cooling pond/lake).
2. A nuclear power plant.
3. Cooling water discharge greater than 25% of the receiving waters 7Q2 flow rate.

☐ **YES** (score is 600, stop here).
☒ **NO** (continue)

Is this permit for a municipal separate storm sewer serving a population greater than 100,000?

☐ **YES** (score is 700, stop here).
☒ **NO** (continue)

FACTOR 1: Toxic Pollutant Potential

Primary SIC Code: 2015

Other SIC Codes: _____ _____ _____ _____

Industrial Subcategory Code _____

Determine the Toxicity potential from Appendix A of Major-Minor Rating Instructions. Be sure to use the TOTAL toxicity potential column and check one.

Toxicity Group	Code	Points	Toxicity Group	Code	Points	Toxicity Group	Code	Points
☐ No process wastestreams	0	0	☒ 3.	3	15	☐ 7.	7	35
			☐ 4.	4	20	☐ 8.	8	40
☐ 1.	1	5	☐ 5.	5	25	☐ 9.	9	45
☐ 2.	2	10	☐ 6.	6	30	☐ 10.	10	50

CODE NUMBER CHECKED 3
TOTAL POINTS FACTOR 1: 15

FACTOR 2: Flow/Stream Flow Volume (*Complete either Section A or B; check only one*)

SECTION A - Wastewater Flow Only Considered

		Code	Points
Type I:	Flow < 5 MGD	☐ 11	0
	Flow 5 to 10 MGD	☐ 12	10
	Flow 10 to 50 MGD	☐ 13	20
	Flow > 50	☐ 14	30
Type II:	Flow <1 MGD	☐ 21	10
	Flow 1 to 5 MGD	☐ 22	20
	Flow 5 to 10 MGD	☒ 23	30
	Flow > 10 MGD	☐ 24	50
Type III	Flow < 1 MGD	☐ 31	0
	Flow 1 to 5 MGD	☐ 32	10
	Flow 5 to 10 MGD	☐ 33	20
	Flow > 10 MGD	☐ 34	30

SECTION B - Wastewater & Stream Flow Considered

	Percent Effluent @ Mixing Zone	Code	Points
Type I/III:	< 10%	☐ 41	0
	10% to 50%	☐ 42	10
	> 50%	☐ 43	20
Type II:	< 10%	☐ 51	0
	10% to 50%	☐ 52	20
	> 50%	☐ 53	30

CODE NUMBER CHECKED 23
TOTAL POINTS FACTOR 2: 30

TPDES PERMIT MAJOR/MINOR RATING WORK SHEET

TPDES No.: WQ0003017000

FACTOR 3: Conventional Pollutants (*Only when limited by the permit)*

A. Oxygen Demanding Pollutant: (check one) ☒ BOD/CBOD ☐ COD ☐ Other:

Permit Limits: (check one)		Code	Points
☐	< 100 lbs/day	1	0
☒	100 to 1000 lbs/day	2	5
☐	1000 to 3000 lbs/day	3	15
☐	> 3000 lbs/day	4	20

B. Total Suspended Solids (TSS)

Permit Limits: (check one)		Code	Points
☐	< 100 lbs/day	1	0
☒	100 to 1000 lbs/day	2	5
☐	1000 to 5000 lbs/day	3	15
☐	> 5000 lbs/day	4	20

C. Nitrogen Pollutant: (check one) ☒ Ammonia ☐ Other:

Permit Limits: (check one)	Nitrogen Equivalent	Code	Points
☐	< 300 lbs/day	1	0
☒	300 to 1000 lbs/day	2	5
☐	1000 to 3000 lbs/day	3	15
☐	> 3000 lbs/day	4	20

CODE NUMBER CHECKED A 2 B 2 C 2

POINTS FACTOR 3: A 5 + B 5 + C 5 = 15 **Total**

FACTOR 4: Public Health Impacts

Is there a public drinking water supply located within 50 miles downstream of the effluent discharge (this includes any body of water to which the receiving water is a tributary)? A public drinking water supply may include infiltration galleries, or other methods of conveyance that ultimately get water from the above referenced supply.

☐ YES (If yes, check toxicity potential number below)
☒ NO (If no, go to Factor 5)

Determine the human health toxicity potential from Appendix A. Use the same SIC code and subcategory reference as in Factor 1. (Be sure to use the human health toxicity group column - check one below.)

Toxicity Group	Code	Points	Toxicity Group	Code	Points	Toxicity Group	Code	Points
☐ No process wastestreams	0	0	☐ 3.	3	0	☐ 7.	7	15
☐ 1.	1	0	☐ 4.	4	0	☐ 8.	8	20
☐ 2.	2	0	☐ 5.	5	5	☐ 9.	9	25
			☐ 6.	6	10	☐ 10.	10	30

CODE NUMBER CHECKED -

TOTAL POINTS FACTOR 4: 0

TPDES PERMIT MAJOR/MINOR RATING WORK SHEET

TPDES No.: WQ0003017000

FACTOR 5: Water Quality Factors

A. *Is (or will) one or more of the effluent discharge limits based on water quality factors of the receiving stream (rather than technology-based federal effluent guidelines, or technology-based state effluent guidelines), or has a wasteload allocation been assigned to the discharge?*

	Code	Points
☒ YES	1	10
☐ NO	2	0

B. *Is the receiving water in compliance with applicable water quality standards for pollutants that are water quality limited in the permit?*

	Code	Points
☐ YES	1	0
☒ NO	2	5

C. *Does the effluent discharged from this facility exhibit the reasonable potential to violate water quality standards due to whole effluent toxicity?*

	Code	Points
☒ YES	1	10
☐ NO	2	0

CODE NUMBER CHECKED A 1 B 2 C 1

POINT FACTOR 5: A 10 + B 5 + C 10 = 25 **Total**

FACTOR 6: Proximity to Near Coastal Waters (N/A)

Base Score: Enter flow code here (from Factor 2): ____

Enter the multiplication factor that corresponds to the flow code: ____

Check appropriate facility HPRI Code (from PCS):

	HPRI#	CODE	HPRI Score
☐	1	1	20
☐	2	2	0
☐	3	3	30
☐	4	4	0
☐	5	5	0

HPRI code checked: | |

Flow Code	Multiplication Factor
11, 31, or 41	0.00
12, 32, or 42	0.05
13, 33, or 43	0.10
14 or 34	0.15
21 or 51	0.10
22 or 52	0.30
23 or 53	0.60
24	1.00

Base Score: (HPRI Score) ____ X (Multiplication Factor) ____ = ____ (Total Points)

B. *Additional Points -- NEP Program*
For a facility that has an HPRI code of 3, does the facility discharge to one of the estuaries enrolled in the National Estuary Protection (NEP) program (see instructions and National Estuary Program Map viewer)?

	Code	Points
☐ YES	1	10
☐ NO	2	0

C. *Additional Points -- Great Lakes Area of Concern*
For a facility that has an HPRI code of 5, does the facility discharge any of the pollutants of concern into one of the Great Lakes' 31 areas of concern?

	Code	Points
☐ YES	1	10
☐ NO	2	0

CODE NUMBER CHECKED A - B - C -

POINT FACTOR 6: A - + B - + C - = 0 **Total**

TPDES PERMIT RATING WORK SHEET

TPDES No.: WQ0003017000

SCORE SUMMARY

Factor	Description	Total Points
1	Toxic Pollutant Potential	15
2	Flow/Streamflow Volume	30
3	Conventional Pollutants	15
4	Public Health Impacts	0
5	Water Quality Factors	25
6	Proximity to Near Coastal Waters	0
	TOTAL (Factors 1 through 6)	85

S1. Is the total score equal to or greater than 80?

☒ YES - Facility is a major, stop here.
☐ NO - Facility is NOT a major, proceed to S2.

S2. Do you want the facility to be designated a discretionary major?

☐ YES - Add 500 points to the score above and provide justification below.
☐ NO - Stop here

Justification:

Check appropriate classification:

☒ Major

☐ Minor

☐ Discretionary Major

Ruiqiang Zong
Permit Reviewer

512-239-4589
Phone Number

March 1, 2024
Date Reviewed

NEW SOURCE DETERMINATION WORKSHEET

PERMITTEE:	Pilgrim's Pride Corporation
TPDES PERMIT NUMBER:	WQ0003017000
NPDES PERMIT NUMBER:	TX0062936
TYPE OF INDUSTRIAL ACTIVITY:	Poultry Processing
SIC CODE:	2015
CATEGORICAL GUIDELINES:	40 CFR Part 432, Subpart K

A. NEW SOURCE DETERMINATION - SCREENING

ANSWER EITHER "YES" OR "NO" TO THE FOLLOWING QUESTIONS AND PROCEED AS DIRECTED:

1. Is there an applicable new source performance standard for this facility?

   Yes ☐ No ☒ If YES, proceed to Item No. 2. If NO proceed to Section B, the facility is not a new source.

2. Was the current production facility in existence prior to the promulgation of the applicable new source performance standard?

   Yes ☐ No ☐ If NO, proceed to Item No. 3. If YES proceed to Section B, the facility is not a new source.

3. This facility MAY be classified as a new source. Additional information will be required to conduct an evaluation and make a final determination. Please refer to 40 CFR 122.29.

B. NEW SOURCE DETERMINATION - DETERMINATION

PLEASE CHECK THE APPROPRIATE DETERMINATION:

☒ Facility IS NOT a new source. Determination made via screening in Section A above.

☐ Facility IS NOT a new source. Determination made via evaluation. Please see evaluation in Appendix A of the Statement of Basis/Technical Summary.

☐ Facility IS a new source. Determination made via evaluation. Please see evaluation in Appendix A of the Statement of Basis/Technical Summary.

Ruiqiang Zong
REVIEWER

March 1, 2024
DATE

TOXIC RATING WORKSHEET

TPDES Permit No.:	WQ0003017000
NPDES Permit No.:	TX0062936
Permittee:	Pilgrim's Pride Corporation
Facility:	Pilgrim's Pride Southwest Wastewater Plant
SIC Codes:	1. 2015 2. 3. 4.
40 CFR Section:	432 Subpart K
Toxic Rating for Facility:	3
Permit Writer:	Ruiqiang Zong Date: March 1, 2024

CALCULATE TOXIC RATING FOR THE FACILITY

For each outfall listed below, list the percent contribution to the total wastewater flow from the facility and the toxic rating for the outfall.

OUTFALL No.	% Contribution	Toxic Rating	Rating × Percent
001	100	3	300
		Total:	300

Toxic Rating for Facility = Total/100 = 3 (round to nearest whole #)

OUTFALL NO.: _____

List waste streams in order of percent contribution to outfall and toxic rating for each waste stream:

Description of Waste Stream	%	Toxic Rating	Rating × Percent
Process wastewater	97	3	291
Domestic wastewater	0.2	3	0.6
Utility wastewater	2.8	2	5.6
	Total 100		Total: 297

Toxic Rating for Outfall = Total/100 = 3 (round to nearest whole #)

OUTFALL CONTAMINATION DETERMINATION

Permittee Name: Pilgrim's Pride Corporation
Permittee Number: WQ0003017000

Use this worksheet to make a determination for each internal and external Outfall. Enter the determination (i.e., contaminated or uncontaminated) into the space provided for each outfall.

If any box is checked "YES", the outfall is classified as "CONTAMINATED" for billing and PARIS.
If no boxes are checked "YES", the outfall is classified as "UNCONTAMINATED" for billing and PARIS.

Outfall No.: 001

Yes	No	
☒	☐	toxic rating is greater than or equal to three
☒	☐	discharge requires limits based on water quality factors of the receiving stream
☒	☐	discharge is greater than 10% (or more than 1 MGD) process wastewater
☐	☒	discharge requires monitoring and reporting or limits for radioactive materials
☐	☒	other: (provide explanation)

Outfall Determination: Contaminated

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

To: Alyssa Loveday, Team Leader
Industrial Permits Team, Wastewater Permitting Section

DATE: March 1, 2024

Thru: Peer Reviewer: _____

From: Ruiqiang Zong, Permit Writer
Industrial Permits Team, Wastewater Permitting Section

Subject:

Applicant:	Pilgrim's Pride Corporation			
Facility Name:	Pilgrim's Pride Southwest Wastewater Plant			
☒ **TPDES**	☐ **TCEQ**	WQ0003017000	**EPA ID. No.**	TX0062936
Industrial:	☐ **Minor**	☒ **Major**		
Toxic Rating:	3	**Stream Segment:**	0404	
Received:	May 1, 2023	**Administratively Complete:**	August 1, 2023	
Assigned:	December 7, 2023	**To Team Leader:**	March 1, 2024	
Tech Complete:				

ATTACHMENTS:	**State-Only**	**TPDES**
New	☐	☐
Renewal	☐	☒
Major Amendment	☐	☒
Minor Amendment	☐	☐
Staff Initiated Amendment	☐	☐
Fact Sheet	☐	☒
SOB/Technical Summary	☐	☐

RATIONALE Used to Draft Permit:		
☒	**Federal Guidelines:**	40 CFR Part 432 Subpark K
☒	**Waste Load Evaluation:**	Segment No. 0404
☒	**TCEQ Rules:**	30 TAC Chapters 305, 307, and 319
☒	**Existing Permit(s):**	WQ0003017000, issued November 19, 2018
☒	**Other:**	*Procedures to Implement the Texas Surface Water Quality Standards*, BPJ

Company's Rep: Mr. Tyson Clark

Phone #: (903) 575-3176 Email: tyson.clark@pilgrims.com

Known Opposition: ☐ Yes ☒ No
If yes, briefly explain: _____

Comments:None

☐ **Permit is reclassified per the major/minor determination worksheet. ARP Team to be notified during ED Sub.**

FILE LOCATION: H:\WQ\IND\ERC AND REGION PERMITS\WQ0003017000.docx

QuickSave Buttons

You can click the buttons below to automatically save your draft permit and its pieces (e.g., the caption) in the appropriate folders.

IMPORTANT NOTE:

If you have trouble emailing a permit document:

- save it as a .docx file and send the .docx file
- ***or*** send the ERC and Region Permits folder version (it will be in .docx format already).

Save as Tech Complete

Save Permit at ED Sub

Ruiqiang Zong

From: Clark, Tyson <Tyson.Clark@pilgrims.com>
Sent: Friday, May 23, 2025 1:41 PM
To: Ruiqiang Zong; Jacob Cochran
Subject: Re: WQ0003017000

We have no further questions at this time.

Thank you,

Tyson Clark

From: Ruiqiang Zong <Ruiqiang.Zong@tceq.texas.gov>
Sent: Friday, May 23, 2025 11:30 AM
To: Jacob Cochran <jcochran@wheeinc.com>; Clark, Tyson <Tyson.Clark@pilgrims.com>
Subject: [Ext]- RE: WQ0003017000

CAUTION:*This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.*

Good morning
I sent the revised draft permit for your review on May 15, but have not received any response so far.
This is a follow up to request your response. Please respond by COB May 27,2025.
Best regards

From: Ruiqiang Zong
Sent: Thursday, May 15, 2025 11:18 AM
To: Jacob Cochran <jcochran@wheeinc.com>
Subject: FW: WQ0003017000

FYI

From: Ruiqiang Zong
Sent: Thursday, May 15, 2025 11:17 AM
To: Clark, Tyson <tyson.clark@pilgrims.com>
Subject: WQ0003017000

Good morning, Mr. Clark
It has been a while since the first draft permit was sent out for review. The dissolved modeling has been re-performed based on your comments. The existing limits for ammonia nitrogen are continued in the revised draft permit. I attached the revised version for your review, please let me know if you have any further questions/comments.
Thanks

Ruiqiang Zong, Permit Writer
Industrial Wastewater Permitting Team
Wastewater Permitting Section

Water Quality Division
Texas Commission on Environmental Quality
12100 Park 35 Circle, Bldg. F, Room 2101
Phone: 512-239-4589
How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

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TCEQ Interoffice Memorandum

To: Industrial Permits Team
Wastewater Permitting Section

From: James E. Michalk, Water Quality Modeler
Water Quality Assessment Team
Water Quality Assessment Section

Date: May 14, 2025

Subject: Pilgrim's Pride Corporation; Wastewater Permit No. WQ0003017000 / TX0062936 (major amendment)
Discharge to a tributary of Big Cypress Creek Below Lake Bob Sandlin, Segment No. 0404 of the Cypress Creek Basin

This memo supersedes the previous memo from Josi Robertson dated November 13, 2023.

The referenced applicant is proposing to amend its permit to authorize reducing the sampling frequency from three times per week to one time per week for $CBOD_5$, TSS, BOD_5, ammonia-nitrogen, total nitrogen, conductivity, oil and grease, and *E. coli*. The existing permit authorizes discharge of 3.5 MGD of treated process wastewater, utility wastewater, and treated domestic wastewater via Outfall 001. An analysis of the discharge was conducted using a modified version of the QUAL-TX model developed for the *Waste Load Evaluation for Big Cypress Creek below Lake Bob Sandlin in the Cypress Creek Basin: Segment 0404* (1988). The discharger is located in Titus County.

Based on model results, the existing seasonally-varying effluent limits of **5 mg/L (146 lbs/day) $CBOD_5$, 1.0 mg/L (29 lbs/day) NH_3-N, and 6.0 mg/L DO (April - October);** and **5 mg/L (146 lbs/day) $CBOD_5$, 4 mg/L (113 lbs/day) NH_3-N, and 6.0 mg/L DO (November - March)** are predicted to be adequate to ensure that dissolved oxygen levels will be maintained above the criteria established by the Standards Implementation Team for Tankersley Creek (5.0 mg/L) and Big Cypress Creek (4.0 mg/L).

The existing permit also includes effluent limits for **BOD_5** (16 mg/L (454 lbs/day)), which are not based on dissolved oxygen modeling results.

Coefficients and kinetics used in the model are from the WLE, supplemented with information associated with TMDL Project No. 19. The results of this evaluation can be reexamined upon receipt of information that conflicts with the assumptions employed in this analysis.

There is no modeling objection to the proposed amendment request concerning sampling frequency.

James E. Michalk
Permit No. WQ0003017000
May 14, 2025

Segment No. 0404 is currently listed in the State's inventory of impaired and threatened waters (the **2022** Clean Water Act Section 303(d) list). The **Segment No. 0404** listing is specifically for elevated bacteria levels in water (recreation use) from the confluence with an unnamed tributary (NHD RC 11140305002717) upstream 37.2 km (23 mi) to Lake Bob Sandlin (AU 0404_02). **Tankersley Creek (0404B)** is also currently listed on the 2022 303(d) list for elevated bacteria levels in water (recreation use) from the confluence with Big Cypress Creek upstream 16.1 km (10 miles) to Tankersley Lake (AU 0404B_01).

One finalized Total Maximum Daily Load (TMDL) project is applicable to discharges in this segment (upstream of the TMDL project segment): *One Total Maximum Daily Load for Dissolved Oxygen in Lake O' the Pines For Segment 0403* (TMDL Project No. 19).

TCEQ Interoffice Memorandum

To: Industrial Permits Team
Wastewater Permitting Section

From: James E. Michalk, Water Quality Modeler
Water Quality Assessment Team
Water Quality Assessment Section

Date: May 14, 2025

Subject: Pilgrim's Pride Corporation; Wastewater Permit No. WQ0003017000 / TX0062936 (major amendment)
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Based on model results, the existing seasonally-varying effluent limits of **5 mg/L (146 lbs/day) $CBOD_5$, 1.0 mg/L (29 lbs/day) NH_3-N, and 6.0 mg/L DO (April - October);** and **5 mg/L (146 lbs/day) $CBOD_5$, 4 mg/L (113 lbs/day) NH_3-N, and 6.0 mg/L DO (November - March)** are predicted to be adequate to ensure that dissolved oxygen levels will be maintained above the criteria established by the Standards Implementation Team for Tankersley Creek (5.0 mg/L) and Big Cypress Creek (4.0 mg/L).

The existing permit also includes effluent limits for **BOD_5** (16 mg/L (454 lbs/day)), which are not based on dissolved oxygen modeling results.

Coefficients and kinetics used in the model are from the WLE, supplemented with information associated with TMDL Project No. 19. The results of this evaluation can be reexamined upon receipt of information that conflicts with the assumptions employed in this analysis.

There is no modeling objection to the proposed amendment request concerning sampling frequency.

James E. Michalk
Permit No. WQ0003017000
May 14, 2025

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One finalized Total Maximum Daily Load (TMDL) project is applicable to discharges in this segment (upstream of the TMDL project segment): *One Total Maximum Daily Load for Dissolved Oxygen in Lake O' the Pines For Segment 0403* (TMDL Project No. 19).

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

TCEQ Interoffice Memorandum

To: Industrial Permits Team
Wastewater Permitting Section

From: M. A. Wallace, PhD; Standards Implementation Team
MAW 8/22/23
Water Quality Assessment Section
Water Quality Division

Thru: Peter Schaefer, Standards Implementation Team Team Leader
Water Quality Assessment Section
Water Quality Division

Date: 8/18/2023

Subject: Pilgrim's Pride, LLC; Permit no. 03017-000
Amendment; Application received 5/1/2023

The discharge route for the above referenced permit is to Tankersley Creek, thence Big Cypress Creek Below Lake Bob Sandlin in Segment 0404 of the Cypress Creek Basin. The designated uses and dissolved oxygen criterion as stated in Appendix A of the Texas Surface Water Quality Standards (30 Texas Administrative Code (TAC) §307.10) for Segment 0404 are primary contact recreation, intermediate aquatic life use, and 4.0mg/L dissolved oxygen.

Since the discharge is directly to an unclassified water body, the permit action was reviewed in accordance with 30 Texas Administrative Code §307.4(h) and (l) of the 2018 Texas Surface Water Quality Standards and the *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010). Based on available information, a preliminary determination of the aquatic life uses in the area of the discharge impact has been performed and the corresponding dissolved oxygen criterion assigned.

Tankersley Creek; high aquatic life use; 5.0 mg/L dissolved oxygen.

The Standards Implementation Team recommends including the existing sulfate numerical limit along with TDS and Chloride monitoring.

In accordance with 30 Texas Administrative Code §307.5 and the TCEQ Procedures to Implement the Texas Surface Water Quality Standards (June 2010), an antidegradation review of the receiving waters was performed. A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action. Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Tankersley Creek and Segment 0404, which have been identified as having high and intermediate aquatic life uses, respectively. Existing uses will be maintained and protected. The preliminary determination can be reexamined and may be modified if new information is received.

Biomonitoring history, Pilgrim's Pride Southwest WWTP, 03017-000

Freshwater Chronic

Outfall	Sp	Test date	Lethal Results	NOEC survival	Sub-Lethal Results	NOEC Sublethal
001	cd	3/9/2021	Pass	98	Pass	98
001	pp	3/9/2021	Pass	98	Pass	98
001	cd	4/27/2021	Pass	98	Pass	98
001	pp	4/27/2021	Pass	98	Pass	98
001	cd	8/3/2021	Pass	98	Pass	98
001	pp	8/3/2021	Pass	98	Pass	98
001	cd	12/7/2021	Pass	98	Pass	98
001	pp	12/7/2021	Pass	98	Pass	98
001	cd	3/1/2022	Pass	98	Pass	98
001	pp	3/1/2022	Pass	98	Pass	98
001	cd	4/26/2022	Pass	98	Pass	98
001	pp	4/26/2022	Pass	98	Pass	98
001	cd	8/2/2022	Pass	98	Pass	98
001	pp	8/2/2022	Pass	98	Pass	98
001	cd	12/6/2022	Pass	98	Pass	98
001	pp	12/6/2022	Pass	98	Pass	98
001	cd	2/28/2023	Pass	98	Pass	98
001	pp	2/28/2023	Pass	98	Pass	98
001	cd	5/2/2023	Pass	98	Pass	98
001	pp	5/2/2023	Pass	98	Pass	98
001	cd	8/1/2023	Pass	98	Pass	98
001	pp	8/1/2023	Pass	98	Pass	98

Freshwater Acute

Outfall	Sp	Test date	Results	LC50
001	dp	3/9/2021	Pass	>100
001	pp	3/9/2021	Pass	>100
001	dp	8/3/2021	Pass	>100
001	pp	8/3/2021	Pass	>100
001	dp	3/1/2022	Pass	>100
001	pp	3/1/2022	Pass	>100
001	dp	8/2/2022	Pass	>100
001	pp	8/2/2022	Pass	>100
001	dp	2/28/2023	Pass	>100
001	pp	2/28/2023	Pass	>100
001	dp	8/1/2023	Pass	>100
001	pp	8/1/2023	Pass	>100

TCEQ Interoffice Memorandum

To: Industrial Permits Team
Wastewater Permitting Section

From: Brad Caston, Standards Implementation Team
Water Quality Assessment Section
Water Quality Division

BC
12/7/23

Date: December 7, 2023

Subject: Pilgrim's Pride Corporation
Pilgrim's Pride Southwest WWTP
Permit No. WQ0003017-000

WHOLE EFFLUENT TOXICITY (WET) TESTING (BIOMONITORING)

The following information applies to Outfall 001. We recommend freshwater chronic and 24-hour acute testing. For chronic testing, we recommend the water flea (*Ceriodaphnia dubia*) and the fathead minnow (*Pimephales promelas*) as test species and a testing frequency of once per quarter for both test species. After the first year of testing, the permittee may be eligible for a testing frequency reduction. We recommend a dilution series of 31%, 41%, 55%, 80%, and 98% with a critical dilution of 98%.

For 24-hour acute testing, we recommend a water flea (*Ceriodaphnia dubia* or *Daphnia pulex*) and the fathead minnow as test species and a testing frequency of once per six months for both.

In the past three years, the permittee has performed twelve 24-hour acute tests, with no demonstrations of significant mortality.

REASONABLE POTENTIAL DETERMINATION

In the past 3 years, the permittee performed 22 chronic tests, with no demonstrations of significant toxicity (i.e., failures) by the water flea or fathead minnow.

A reasonable potential determination was performed in accordance with 40 CFR §122.44(d)(1)(ii) to determine whether the discharge will reasonably be expected to cause or contribute to an exceedance of a state water quality standard or criterion within that standard. Each test species is evaluated separately. The RP determination is based on representative data from the previous three years of chronic (or 48-hour acute) WET testing. This determination was performed in accordance with the methodology outlined in the TCEQ letter to the EPA dated December 28, 2015, and approved by the EPA in a letter dated December 28, 2015.

The sublethal and lethal WET limits for the water flea will be retained; therefore, no reasonable potential determination was performed. In keeping with EPA Region 6

policy, which acknowledges the difficulty in identifying toxicants responsible for sublethal effects at high dilutions, the sublethal WET limit will be implemented at the 80% effluent dilution instead of the critical dilution of 98%.

With no demonstration of significant toxicity during the period of record for the fathead minnow, a determination of no RP was made. **The lethal WET limit for the fathead minnow will be retained at 98%.**

All of the test results were used for this determination.

TCEQ Interoffice Memorandum

To: Industrial Permits Team
Wastewater Permitting Section

From: Josi Robertson
Modeler, Water Quality Assessment Team
Water Quality Assessment Section

Date: November 13, 2023

Subject: Pilgrim's Pride Corporation
Permit Amendment (WQ0003017000, TX0062936)
Discharge to a tributary of Big Cypress Creek Below Lake Bob Sandlin (Segment No. 0404)

The referenced applicant is proposing a permit amendment to reduce the sampling frequency from 3 times per week to 1 time per week for $CBOD_5$, TSS, BOD_5, ammonia, Total nitrogen, conductivity, oil & grease, and E. coli. A dissolved oxygen analysis of the referenced discharge was conducted using the QUAL-TX model originally developed in the *Waste Load Evaluation for Big Cypress Creek below Lake Bob Sandlin in the Cypress Creek Basin* (1988) for an effluent flow of 3.5 MGD via Outfall 001. The facility is located in Titus County.

Based on model results, effluent limits of **146 lbs/d $CBDO_5$**, **19 lbs/d NH_3-N (April-October)**, **113 lbs/d NH_3-N (November-March)**, and **6.0 mg/L DO** for **Outfall 001** are predicted to be **necessary** to maintain dissolved oxygen levels above the criteria stipulated by the Standards Implementation Team for Tankersley Creek (5.0 mg/L) and Big Cypress Creek Below Lake Bob Sandlin (4.0 mg/L). Other combinations of $CBOD_5$ and NH_3-N limits for Outfall 001 may also suffice and can be examined upon request.

Coefficients and kinetics used in the model are from the WLE. The results of this evaluation can be reexamined upon receipt of information that conflicts with the assumptions employed in this analysis.

Segment No. 0404 is currently listed in the State's inventory of impaired and threatened waters (the **2022** Clean Water Act Section 303(d) list). The listings are specifically for bacteria in water (recreation use) from the confluence with an unnamed tributary NHD RC 11140305002717 upstream 37.2 km (23 mi) to Lake Bob Sandlin. **Tankersley Creek (0404B)** is also currently listed for elevated bacteria from the confluence with Big Cypress Creek upstream 16.1 km (10 miles) to Tankersley Lake (AU 0404B_01).

The Total Maximum Daily Load (TMDL) project *One Total Maximum Daily Load for Dissolved Oxygen in Lake O' the Pines For Segment 0403* (TMDL Project No. 19) is approved for this segment.

TCEQ Interoffice Memorandum

To: Industrial Permits Team
Wastewater Permitting Section

From: Brian Christman, Water Quality Assessment Team
Water Quality Assessment Section

Date: August 25, 2023

Subject: Pilgrim's Pride Corporation
Wastewater Permit No. WQ0003017000
Critical Conditions Recommendation Memo

The following information applies to **Outfall 001**.

The TexTox menu number is **3** for a perennial freshwater ditch, stream, or river.

This discharge is to Tankersley Creek.

Segment No.	0404
Effluent Flow for Aquatic Life (MGD)	3.120 (2-yr max)
Critical Low Flow [7Q2] (cfs)	0.1
Effluent Flow for Human Health (MGD)	2.638 (2-yr avg)
Harmonic Mean Flow (cfs)	0.2

Human Health criteria apply for Fish Only.

The chronic aquatic life mixing zone is defined as 300 feet downstream and 100 feet upstream from the point of discharge. Chronic toxic criteria apply at the edge of the chronic aquatic life mixing zone.

OUTFALL LOCATION [1]

Outfall Number	Latitude	Longitude
001	33.139320 N	94.997439 W

[1] Latitude and Longitude values are approximations of the location for administrative purposes.

Cross-Referenced Landowners List

Landowner Map Property ID	Landowner Name	Landowner Mailing Address
1	GARRETSON JOHNNY M	947 FARM ROAD 899 MOUNT PLEASANT TX 75455-9229
2	MULTIPLE OWNER ACCOUNT	N/A
3	STATE OF TEXAS	TEXAS DEPT OF TRANSPORTATION 7600 WASHINGTON AVE HOUSTON, TX 77007
4	MULTIPLE OWNER ACCOUNT	N/A
5	DOUGLAS PEGGY JEAN & DANNY EDGAR DOUGLAS LTE	464 COUNTY ROAD 2120 MOUNT PLEASANT TX 75455-9111
6	PILGRIMS PRIDE CORPORATION	1770 PROMONTORY CIRCLE GREELEY, CO 80634
7	MENDOZA JOSE & GABRIELA	559 CR 1314 MOUNT PLEASANT TX 75455
8	TEXAS DEPT OF TRANSPORTATION	7600 WASHINGTON AVE HOUSTON TX 77007
9	VILLARREAL C&M FAMILY LTD	216 MARKET AV STE 115 BOERNE TX 78006
10	JORGE HUMBERTO PEREZ & PERLA RUIZ DE PEREZ	1522 SUGAR FORD WAY JOILET IL 60433
11	DOUGLAS PEGGY JEAN & DANNY EDGAR DOUGLAS LTE	464 COUNTY ROAD 2120 MOUNT PLEASANT TX 75455-9111
12	PILGRIMS PRIDE CORPORATION	1770 PROMONTORY CIRCLE GREELEY, CO 80634
13	RICHEY BIRDIE NELL	3054 VILLA SUR TRL DALLAS TX 75228
14	CITY OF MT PLEASANT TEXAS	501 N MADISON MOUNT PLEASANT TX 75455-3650
15	DYKE RANDALE & MCCALL	407 N MADISON AVENUE MOUNT PLEASANT, TX 75455-3948
16	LOPEZ GABRIEL	160 COUNTY ROAD 2120 MOUNT PLEASANT TX 75455
17	MCGUIRE DEBRA GLOVER	165 COUNTY ROAD 2120 MOUNT PLEASANT TX 75455
18	PILGRIMS PRIDE CORPORATION	1770 PROMONTORY CIRCLE GREELEY, CO 80634
19	PILGRIMS PRIDE CORPORATION	1770 PROMONTORY CIRCLE GREELEY, CO 80634
20	PMCI PROPERTIES II LP	PO BOX 1540 MT PLEASANT TX 75456-1540
21	PILGRIMS PRIDE CORPORATION	1770 PROMONTORY CIRCLE GREELEY, CO 80634
22	PMCI PROPERTIES II LP	PO BOX 1540 MT PLEASANT TX 75456-1540
23	GLOVER FRANK M ESTATE	165 COUNTY ROAD 2120 MOUNT PLEASANT TX 75456-0287
24	GLOVER FRANK M ESTATE	165 COUNTY ROAD 2120 MOUNT PLEASANT TX 75456-0287

25	PMCI PROPERTIES II LP	PO BOX 1540 MT PLEASANT TX 75456-1540
26	CALDWELL WILLIAM HARGROVE	408 REDBUD LN MOUNT PLEASANT TX 75455-5757
27	CALDWELL WILLIAM HARGROVE	408 REDBUD LN MOUNT PLEASANT TX 75455-5757
28	PMCI PROPERTIES II LP	PO BOX 1540 MT PLEASANT TX 75456-1540
29	PMCI PROPERTIES II LP	PO BOX 1540 MT PLEASANT TX 75456-1540
30	CALDWELL ALFRED MYLES	1024 VZCR 1923 FRUITVALE TX 75127
31	CALDWELL CHARLES SARGENT JR	2370 FM 127 MOUNT PLEASANT TX 75455

GARRETSON JOHNNY M
947 FARM ROAD 899
MOUNT PLEASANT TX 75455-9229

TEXAS DEPT OF TRANSPORTATION
7600 WASHINGTON AVE
HOUSTON TX 77007

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JOILET IL 60433

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DALLAS TX 75228

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MOUNT PLEASANT TX 75455

PMCI PROPERTIES II LP
PO BOX 1540
MT PLEASANT TX 75456-1540

GLOVER FRANK M ESTATE
165 COUNTY ROAD 2120
MOUNT PLEASANT TX 75456-0287

CALDWELL WILLIAM HARGROVE
408 REDBUD LN
MOUNT PLEASANT TX 75455-5757

CALDWELL ALFRED MYLES
1024 VZCR 1923
FRUITVALE TX 75127

CALDWELL CHARLES SARGENT JR
2370 FM 127
MOUNT PLEASANT TX 75455

Texas Commission on Environmental Quality
Instructions for Public Notice for a Water Quality Permit
Notice of Receipt of Application and Intent to Obtain Permit (NORI)

Your application has been declared administratively complete. You must comply with the following instructions. There are seven (7) steps involved in publishing notice. Complete each step.

1. REVIEW THE NOTICE FOR ACCURACY

   Read the enclosed notice carefully and notify the Application Review and Processing Team at 512-239-4671 immediately if it contains any errors or omissions. You are responsible for ensuring the accuracy of all information published. Do not change the text or formatting of the notice or affidavit of publication without prior approval from the TCEQ. Changing the text or formatting of the notice may require new publication at your expense and delay processing of your application.

2. PUBLISH THE NOTICE IN THE NEWSPAPER

   You must publish the enclosed notice within 30 days after the date of administrative completeness. Refer to the cover letter for the date of administrative completeness.

   You must publish the enclosed notice at your expense, at least once in the newspaper of largest circulation within each county where the facility and discharge point are located or will be located. If the facility and discharge point are located or will be located in a municipality, the enclosed notice must be published at least once in a newspaper of general circulation in the municipality. These requirements may be satisfied by one publication if the newspaper meets all of the above requirements.

   The bold text of the enclosed notice must be printed in the newspaper in a font style or size that distinguishes it from the rest of the notice (i.e., bold, italics). Failure to do so may require re-notice.

3. PUBLISH THE NOTICE IN AN ALTERNATIVE LANGUAGE

   You must publish notice in an alternative language IF: either the elementary or middle school nearest to the facility or proposed facility is required to provide a "bilingual education program" (BEP) as required by Texas Education Code (TEC), Chapter 29, Subchapter B, and 19 Tex. Admin. Code §89.1205(a) AND one of the following conditions is met:

   - students are enrolled in a program at that school;
   - students from that school attend a bilingual education program at another location; or
   - the school that otherwise would be required to provide a bilingual education program has been granted an exception from the requirements to provide the program as provided for in 19 Tex. Admin. Code §89.1207(a).

   A "bilingual education program" is different from an "English as a second language program" (ESL). An ESL program alone, will not require public notice in an alternative language.

If triggered, you must publish the notice in a newspaper or publication primarily published in the alternative language taught in the bilingual education program. Publication in an alternative language section or insert within a large publication which is not printed primarily in that alternative language does not satisfy these requirements. The newspaper or publication must be of general circulation in the county in which the facility and discharge point are located or proposed to be located. If the facility and discharge point are located or proposed to be located in a municipality, and there exists a newspaper or publication of general circulation in the municipality, you must publish the notice only in the newspaper or publication in the municipality.

You must demonstrate a good faith effort to identify a newspaper or publication in the required language. If there is no general circulation newspaper or publication printed in such language, then publishing in that language is not required. You have the burden to demonstrate compliance with these requirements.

If you are required to publish notice in Spanish, you must translate the site-specific information in the notice that is specific to your application, at your own expense. You may then insert the Spanish translation of your site-specific information into a Spanish template developed by the TCEQ. The Spanish templates are available on the TCEQ website at http://www.tceq.texas.gov/permitting/wastewater/review/wqspanish_nori.html. If you are required to publish notice in a language other than Spanish, you must translate the entire public notice, at your own expense.

4. **PUT THE APPLICATION IN A PUBLIC PLACE**

You must put a copy of the administratively complete application in the public place identified in the enclosed notice.

This copy must be accessible to the public for review and copying beginning on the first day of newspaper publication and remain in place for the publication's designated comment period.

During the technical review, you must update the publicly available application so that it includes all application revisions within 10 business days from the date the revision is transmitted to the TCEQ.

For confidential information contained in the application, you must indicate which specific portions of the application cannot be made available to the public. These portions of the application must be accompanied with the following statement: "Any request for portions of this application that are marked as confidential must be submitted in writing, pursuant to the Public Information Act, to the TCEQ Public Information Coordinator, MC 197, P.O. Box 13087, Austin, Texas 78711-3087."

5. **PROVIDE PROOF OF PUBLICATION**

For each newspaper in which you published, you must submit proof of publication. Proof of publication must include the following:

- a completed Publisher's Affidavit (enclosed); and
- a copy of the published notice which shows the notice, the date published, and the newspaper name. The copy must be on standard-size 8½ x 11" paper and must show the actual size of the published notice. Do not reduce the

image when making copies. Published notices longer than 11" must be copied onto multiple 8½ x 11" pages. Or you can submit the original newspaper clipping.

If you are required to publish notice in an alternative language and are unable to do so, complete and submit the Alternative Language Exemption form (enclosed).

6. PROVIDE PROOF OF APPLICATION VIEWING LOCATION

You must submit a completed Public Notice Verification Form (enclosed) which certifies that the administratively complete application was placed at the public place identified in the enclosed notice.

7. SUBMIT PROOFS TO TCEQ

The proof of publication documents (Step 5) and the completed Public Notice Verification Form (Step 6) must be submitted to TCEQ within 30 days of publication.

By email to: PROOFS@tceq.texas.gov

OR by mail at:
TCEQ
Office of the Chief Clerk, MC 105
Attn: Notice Team
P.O. Box 13087
Austin, Texas 78711-3087

NOTE: If proofs are submitted by email, you do not have to mail in the original documents.

Additional Information

If you fail to publish the notice or submit proofs within the timeframes noted above, the TCEQ may suspend further processing on your application or take other actions in accordance with 30 Tex. Admin. Code §39.405(a).

If you have any questions regarding publication requirements, please contact the Office of Legal Services at 512-239-0600. If you have any questions regarding the content of the notice, please contact the Wastewater Permitting Section at 512-239-4671. When contacting TCEQ regarding this application, please refer to the permit number at the top of the enclosed notice.

If you wish to obtain an electronic copy of the notice, please visit our web site at http://www.tceq.texas.gov/agency/cc/cc_db.html or http://www.tceq.texas.gov/agency/cc/eda.html. Please be aware that formatting codes may be lost and that any notices downloaded from these web sites must be reformatted by you so that your downloaded copy looks like the notice document you received from us.

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Kelly Keel, *Interim Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 1, 2023

Mr. Tyson Clark
Complex Environmental Manager
Pilgrim's Pride Corporation
P.O. Box 1268
Mount Pleasant, Texas 75456

RE: Declaration of Administrative Completeness
Applicant Name: Pilgrim's Pride Corporation (CN601276660)
Permit No.: WQ0003017000 (EPA I.D. No. TX0062936)
Site Name: Pilgrim's Pride Southwest WWTP (RN102184041)
Type of Application: Major Amendment with Renewal

Dear Mr. Clark:

The executive director has declared the above referenced application, received on May 1, 2023, administratively complete on August 1, 2023.

You are now required to publish notice of your proposed activity and make a copy of the application available for public review. The following items are included to help you meet the regulatory requirements associated with this notice:

- Instructions for Public Notice
- Notice for Newspaper Publication
- Public Notice Verification Form
- Publisher's Affidavits

You must follow all the directions in the enclosed instructions. The most common mistakes are the unauthorized changing of notice, wording, or font. If you fail to follow these instructions, you may be required to republish the notices.

The following requirements are also described in the enclosed instructions. However, due to their importance, they are highlighted here as well.

1. Publish the enclosed notice within **30 calendar days** after your application is declared administratively complete. (See this letter's first paragraph for the declaration date.) **You may be required to publish the notice in more than one newspaper, including a newspaper published in an alternative language, to satisfy all of the notice requirements.**

2. On or before the date you publish notice, place a copy of your permit application in a public place in the county where the facility is or will be located. This copy must be accessible to the public for review and copying, must be updated to reflect changes to the application, and must remain in place throughout the comment period.

3. For each publication, submit proof of publication of the notice that shows the publication date and newspaper name to the Office of the Chief Clerk within **30 calendar days** after notice is published in the newspaper.

4. Return the original enclosed Public Notice Verification and the Publisher's Affidavits to the Office of the Chief Clerk within **30 calendar days** after the notice is published in the newspaper.

If you do not comply with all the requirements described in the instructions, further processing of your application may be suspended, or the agency may take other actions.

If you have any questions regarding publication requirements, please contact the Office of Legal Services at (512) 239-0600. If you have any questions regarding the content of the notice, please contact Ms. Rachel Ximenez at (512) 239-4658.

Sincerely,

J E Bowers

Jennifer E. Bowers
Section Manager, Water Quality Division Support, MC 148
Office of Water Quality
Texas Commission on Environmental Quality
PO BOX 13087
Austin, TX 78711

JEB/rlx

Enclosures

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0003017000

APPLICATION. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, which owns a poultry slaughtering and processing facility, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0003017000 (EPA I.D. No. TX0062936) to authorize a reduction in sampling frequency for five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), five-day biochemical oxygen demand (BOD5), ammonia, total nitrogen, conductivity, oil and grease, and E.coli from three times per week to weekly sampling. The facility is located at 664 Farm-to-Market Road 127, Mount Pleasant, in Titus County, Texas 75455. The discharge route is from the plant site to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin. TCEQ received this application on May 1, 2023. The permit application will be available for viewing and copying at City of Mount Pleasant, Texas Public Library, 601 North Madison Avenue, Mount Pleasant, Texas prior to the date this notice is published in the newspaper. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.995555,33.138888&level=18

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/plain-language-summaries-and-public-notices.

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.**

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. 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 Pilgrim's Pride Corporation at the address stated above or by calling Mr. Tyson Clark, Complex Environmental Manager, at 903-575-3176.

Issuance Date: August 1, 2023

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Receipt of Application and Intent to Obtain Permit (NORI)
Water Quality Permit

All applicants must complete this page.

Applicant Name:

Site or Facility Name:

Water Quality Permit Number:

Regulated Entity Number: RN Customer Number: CN

PUBLIC VIEWING LOCATION

I certify that a copy of the complete water quality application, and all revisions, were placed at the following public place for public viewing and copying. I understand that the copy will remain available at the public place from the 1st day of publication of the NORI until the end of the designated comment period. I further understand that the copy will be updated with any revisions to the application.

Name of Public Place:

Address of Public Place:

Applicant or Applicant Representative Signature: _____

Title: _____ Date: _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Receipt of Application and Intent to Obtain Permit (NORI)
Water Quality Permit

Complete this page only if you are required to publish in an alternative language and are not able to do so.

Applicant Name:

Site or Facility Name:

Water Quality Permit Number:

Regulated Entity Number: RN Customer Number: CN

ALTERNATIVE LANGUAGE EXEMPTION

I certify that I have conducted a diligent search for a newspaper or publication of general circulation in both the municipality and county in which the facility is located or proposed to be located and was unable to publish the notice in the required alternative language because:

☐ A newspaper or publication could not be found in any of the alternative languages in which notice is required.

☐ The publishers of the newspapers listed below refused to publish the notice as requested, and another newspaper or publication in the same language and of general circulation could not be found in the municipality or county in which the facility is located or proposed to be located.

Newspaper Name:

Language:

Applicant or Applicant Representative Signature: _____

Title: _____ Date: _____

TCEQ-OFFICE OF THE CHIEF CLERK
MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

Applicant Name: Pilgrim's Pride Corporation
Permit No.: WQ0003017000

PUBLISHER'S AFFIDAVIT
FOR WATER QUALITY PERMITS

STATE OF TEXAS §
COUNTY OF _____§

Before me, the undersigned authority, on this day personally appeared

_____ who being by me duly sworn, deposes
(name of person representing newspaper)

and says that **(s)**he is the_____
(title of person representing newspaper)

of the _____; that this newspaper is a newspaper of
(name of newspaper)

largest circulation in _____ County, Texas or is
(name of county)

a newspaper of general circulation in _____,
(name of municipality)

Texas; and that the enclosed notice was published in said newspaper on the following date**(s)**:

_____

_____
(newspaper representative's signature)

Subscribed and sworn to before me this the _____ day of _____,

20____.

(Seal)

_____
Notary Public in and for the State of Texas

_____
Print or Type Name of Notary Public

My Commission Expires _____

TCEQ-OFFICE OF THE CHIEF CLERK
MC-105 Attn: Notice Team
P.O. BOX 13087
AUSTIN, TX 78711-3087

Applicant Name: Pilgrim's Pride Corporation
Permit No.: WQ0003017000

ALTERNATIVE LANGUAGE
PUBLISHER'S AFFIDAVIT

STATE OF TEXAS §
COUNTY OF _____ §

Before me, the undersigned notary public, on this day personally appeared

_____, who being by me duly sworn, deposes
(name of person representing newspaper)

and says that (s)he is the _____ of the
(title of person representing newspaper)

_____; that said newspaper is
(name of newspaper)

generally circulated in _____ County, Texas and
(same county as proposed facility)

is published primarily in _____ language; that the
(alternative language)

enclosed notice was published in said newspaper on the following date(s):

_____.

Subscribed and sworn to before me this the _____ day of _____,

20____, by _____
(newspaper representative's signature)

(Seal)

_____
Notary Public in and for the State of Texas

_____
Print or Type Name of Notary Public

My Commission Expires _____

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECEPCIÓN DE LA SOLICITUD Y LA INTENCIÓN DE OBTENER CALIDAD DEL AGUA PERMISO MODIFICACION

PERMISO NO. WQ0003017000

SOLICITUD. Pilgrim's Pride Corporation, 1770 Promontory Circle, Greeley, Colorado 80634, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para modificar el Permiso No. WQ0003017000 del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 3,500,000 galones por día. La planta está ubicada 664 Farm-to-Market Road 127 en el Condado de Titus, Texas 75455. La TCEQ recibió esta solicitud el día 1 de mayo de 2023. La solicitud para el permiso estará disponible para leerla y copiarla en 601 North Madison Avenue, Mount Pleasant, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.995555,33.138888&level=18

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

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

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

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

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

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia

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

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía http://www14.tceq.texas.gov/epic/eComment/ o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Pilgrim's Pride Corporation a la dirección indicada arriba o llamando a Tyson Clark al 903-575-3176.

Fecha de emisión 1 de agosto de 2023

Rachel Ximenez

From: Cole Gray
Sent: Monday, June 5, 2023 9:19 AM
To: Rachel Ximenez
Subject: RE: IND Maj Amend-WQ0003017000- Pilgrims Pride Corp.

Hello Rachel,

I can confirm that the change that the permittee is requesting is a major amendment since it will make their permit less stringent than the existing one. As for the portion that would go in the NORI, I believe it would read something like this:

"has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0003017000 (EPA I.D. No. TX0062936) to authorize a reduction in sampling frequency for five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), five-day biochemical oxygen demand (BOD5), ammonia, total nitrogen, conductivity, oil and grease, and *E. coli* from three times per week to weekly sampling."

I don't believe you need to include any of the explanation as to why they are requesting the decrease in sampling frequency in the NORI as this would be covered in the permit's Statement of Basis (SOB).

Thanks,
Cole Gray, DrPH, MPH
Environmental Permit Specialist
Industrial Wastewater Permitting – MC 148
Texas Commission on Environmental Quality
Work #: (512) 239 – 4736

From: Rachel Ximenez <Rachel.Ximenez@Tceq.Texas.Gov>
Sent: Monday, June 5, 2023 8:55 AM
To: Cole Gray <Cole.Gray@tceq.texas.gov>
Subject: IND Maj Amend-WQ0003017000- Pilgrims Pride Corp.

Good Morning Cole,

Can you please assist me with the amended summary to confirm it is a major amendment, and the portion that would go into the NORI?

I appreciate your assistance, thank you.

Rachel L Ximenez
Texas Commission on Environmental Quality
Water Quality Division
Application Review & Processing Team
Rachel.Ximenez@tceq.texas.gov

Rachel Ximenez

From: Jacob Cochran <jcochran@wheeinc.com>
Sent: Friday, June 16, 2023 7:54 AM
To: Rachel Ximenez
Cc: Tyson Clark (Tyson.Clark@Pilgrims.com); Dana Pierce (Dana.Pierce@pilgrims.com); Trent Samples
Subject: RE: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised
Attachments: Industrial and Stormwater TPDES and TLAP PLS Form (Spanish) - Mt. Pleasant WW NOD Response.docx; Industrial and Stormwater TPDES and TLAP PLS Form - Mt. Pleasant WW NOD Response.docx; Industrial Discharge Amendment Spanish NORI - Mt. Pleasant WW NOD Response.docx; Pilgrim's Mt. Pleasant WW Plant Notice of Deficiency (NOD) Revisions.pdf; WHEE Transmittal Letter to TCEQ.pdf

Ms. Ximenez, Please find attached on behalf of Pilgrim's Pride Corporation (Pilgrim's) an electronic (PDF) version of the Notice of Deficiency (NOD) revisions per TCEQ's request. These revisions are being provided via email per your request. At this time we are not sending hard copies of these revisions as we have been instructed that an electronic/email submittal is acceptable. However, we can mail hard copies of these revisions as needed.

Included with this submittal are the items indicated in the NOD with revisions made to the applicable maps, forms, etc. The specific items contained in this form are as follows:

- A revised Pilgrim's Pride Corporation Core Data Form
- A revised City of Mount Pleasant Core Data Form
- A revised Landowner's Map
- A revised Cross-Referenced Landowner's List
- Revised Address Labels
- A Spanish Language Translation of the Notice of Receipt of Application and Intent to Obtain a Water Quality Permit (NORI)
- A Plain Language Summary (PLS) in English
- A Plain Language Summary (PLS) in Spanish

A check (check no. 4262645; dated 6/9/2023) for the outstanding fees has already been submitted to TCEQ as requested. The requested Microsoft Word versions Spanish Language Translation NORI and English and Spanish Language Plain Language Summaries are also being provided with this submittal via email.

If you have any questions concerning the attached information or need further assistance, please contact Tyson Clark with Pilgrim's Pride Corporation at 903-575-3176 or myself.

Thank you,
Jacob Cochran, EIT
Project Engineer, WHEE
Office: 770-844-0037
Mobile: 678-231-3907

WHEE
WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.

June 16, 2023

ATTN: Rachel Ximenez
Applications Review and Processing Team, MC-148
Texas Commission on Environmental Quality
12100 Park 35 Circle
Austin, Texas 78753

Re: TPDES Permit Major Amendment with Renewal Application – Notice of Deficiency (NOD) Response
Pilgrim's Pride Southwest Wastewater Treatment Plant (RN102184041)
Mt. Pleasant, Titus County, Texas
TPDES Permit WQ0003017000

Dear Ms. Ximenez:

Please find attached on behalf of Pilgrim's Pride Corporation (Pilgrim's) an electronic (PDF) version of the Notice of Deficiency (NOD) revisions per TCEQ's request.

Included with this submittal are the items indicated in the NOD with revisions made to the applicable maps, forms, etc. The specific items contained in this form are as follows:

- A revised Pilgrim's Pride Corporation Core Data Form
- A revised City of Mount Pleasant Core Data Form
- A revised Landowner's Map
- A revised Cross-Referenced Landowner's List
- Revised Address Labels
- A Spanish Language Translation of the Notice of Receipt of Application and Intent to Obtain a Water Quality Permit (NORI)
- A Plain Language Summary (PLS) in English
- A Plain Language Summary (PLS) in Spanish

A check (check no. 4262645; dated 6/9/2023) for the outstanding fees has already been submitted to TCEQ as requested. The requested Microsoft Word versions Spanish Language Translation NORI and English and Spanish Language Plain Language Summaries are also being provided with this submittal via email.

If you have any questions concerning the attached information or need further assistance, please contact Tyson Clark with Pilgrim's Pride Corporation at Tyson.Clark@pilgrims.com or 903-575-3176 or Jacob Cochran with Woodruff and Howe Environmental Engineering, Inc. (WHEE) at jcochran@wheeinc.com or 770-844-0037.

Thank You,

Woodruff & Howe Environmental Engineering, Inc.

Jacob Cochran, E.I.T.
Project Manager

Trent Samples, P.E.
Senior Engineer

TCEQ Core Data Form

TCEQ Use Only

For detailed instructions regarding completion of 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.*)

☐ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☒ Renewal (*Core Data Form should be submitted with the renewal form*) ☐ 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 601276660		RN 102184041

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

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).

6. Customer Legal Name (*If an individual, print last name first: eg: Doe, John*) *If new Customer, enter previous Customer below:*

Pilgrim's Pride Corporation

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number *(if applicable)*
000709506	17512850714	751285071	053118386

11. Type of Customer: ☒ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees ☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☒ 501 and higher

13. Independently Owned and Operated? ☒ Yes ☐ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☐ Owner ☒ Operator ☐ Owner & Operator
☐ Occupational Licensee ☒ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:

15. Mailing Address: 1770 Promontory Circle

City	Greeley	State	CO	ZIP	80634	ZIP + 4	9039

16. Country Mailing Information (*if outside USA*) | **17. E-Mail Address** (*if applicable*)

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(970) 506-8000		( ) -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (*If 'New Regulated Entity" is selected below this form should be accompanied by a permit application*)

☐ New Regulated Entity ☒ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

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

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

Pilgrim's Pride Southwest Wastewater Treatment Plant

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	664 FM 127 West							
	City	Mt. Pleasant	**State**	TX	**ZIP**	75455	**ZIP + 4**	
24. County	Titus							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	On the north side of FM 127 approximately 0.25 miles west of intersection of FM 127 and HWY 271.

26. Nearest City	**State**	**Nearest ZIP Code**
Mt. Pleasant	TX	75455

27. Latitude (N) In Decimal:	33.138889	**28. Longitude (W) In Decimal:**	-94.995556

Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
33	8	20	94	59	44

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)
2015	2077	311615	311613

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

Wastewater treatment operations of discharges from poultry processing operations (SIC codes 2015 and 2077). Note that the SIC code for the Southwest Wastewater Treatment Plant is 4952.

34. Mailing Address:	**P.O. Box 1268**							
	City	**Mt. Pleasant**	**State**	**TX**	**ZIP**	**75456**	**ZIP + 4**	

35. E-Mail Address:	**Tyson.Clark@pilgrims.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(903) 575-3976		( ) -

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☒ Industrial Hazardous Waste
				31649
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☒ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
	TXR05EY85			
☐ Voluntary Cleanup	☒ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0003017000			

SECTION IV: Preparer Information

40. Name:	Jacob Cochran	**41. Title:**	Project Engineer

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(770) 844-0037		( ) -	jcochran@wheeinc.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:	Pilgrim's Pride Corporation	**Job Title:**	NETEX Complex Manager

Name *(in Print)*:	Raphael Boyd	**Phone:**	(903) 575-3221
Signature:		**Date:**	4-27-23

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of 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.*)

☐ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☒ Renewal (*Core Data Form should be submitted with the renewal form*) ☐ 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 600130926		RN 102184041

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

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).

6. Customer Legal Name (*If an individual, print last name first: eg: Doe, John*) *If new Customer, enter previous Customer below:*

City of Mount Pleasant

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: ☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☒ City ☐ County ☐ Federal ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees
☐ 0-20 ☒ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☐ Yes ☒ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☒ Owner ☐ Operator ☐ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:

15. Mailing Address:

501 N. Madison

City	Mt. Pleasant	State	TX	ZIP	75455	ZIP + 4	3650

16. Country Mailing Information (if outside USA)	17. E-Mail Address (if applicable)

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(903) 57-4000		( ) -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (*If 'New Regulated Entity" is selected below this form should be accompanied by a permit application*)

☐ New Regulated Entity ☒ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

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

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

Pilgrim's Pride Southwest Wastewater Treatment Plan

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	FM 127 West							
	City	Mt. Pleasant	**State**	TX	**ZIP**	75455	**ZIP + 4**	
24. County								

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	On the north side of FM 127 approximately 0.25 miles west of intersection of FM 127 and HWY 271.

26. Nearest City	**State**	**Nearest ZIP Code**
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27. Latitude (N) In Decimal:	33.138889	**28. Longitude (W) In Decimal:**	-94.995556

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2015	2077	311615	311613

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

Wastewater treatment operations of discharges from poultry processing operations (SIC codes 2015 and 2077). Note that the SIC code for the Southwest Wastewater Treatment Plant is 4952.

34. Mailing Address:	**501 N. Madison**							
	City	**Mt. Pleasant**	**State**	**TX**	**ZIP**	**75455**	**ZIP + 4**	
35. E-Mail Address:								

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

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☒ Industrial Hazardous Waste
				31649
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☒ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
	TXR05EY85			
☐ Voluntary Cleanup	☒ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0003017000			

SECTION IV: Preparer Information

40. Name:	Jacob Cochran	**41. Title:**	Project Engineer

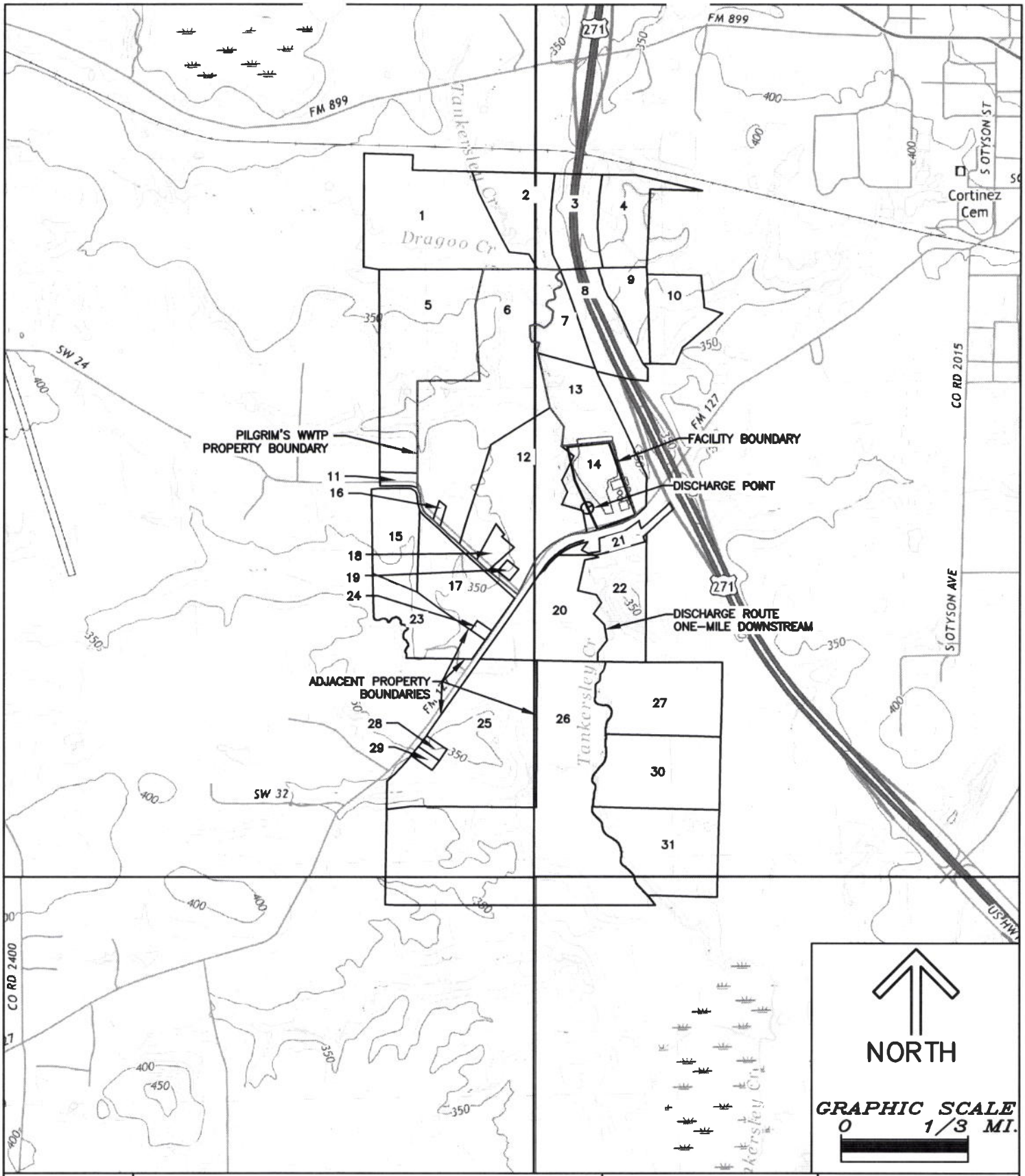
42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(770) 844-0037		( ) -	jcochran@wheeinc.com

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:	City of Mount Pleasant	**Job Title:**	City Mayor

Name *(In Print)*:	Tracy Craig, SR.	**Phone:**	(903) 575- **8436**
Signature:	Tracy Craig SR.	**Date:**	4/27/2023



JOB NO.	22-118
DRAWN BY.	JEC
CHECKED BY.	TTS
SCALE	1"=1/3 MI.
SHEET	FIGURE 7
DATE	6/7/2023
REV	

PILGRIM'S PRIDE CORPORATION
SOUTHWEST WW TREATMENT PLANT
664 FM 127 ROAD WEST
MT. PLEASANT, TX 75455
TITUS COUNTY, TEXAS

FIGURE 7 -
LANDOWNER MAP

WHEE
WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.
4405 CANTON HWY, SUITE 100
CUMMING, GEORGIA 30040
TEL: 770-844-0037

Cross-Referenced Landowners List

Landowner Map Property ID	Landowner Name	Landowner Mailing Address
1	GARRETSON JOHNNY M	947 FARM ROAD 899 MOUNT PLEASANT TX 75455-9229
2	MULTIPLE OWNER ACCOUNT	N/A
3	STATE OF TEXAS	TEXAS DEPT OF TRANSPORTATION 7600 WASHINGTON AVE HOUSTON, TX 77007
4	MULTIPLE OWNER ACCOUNT	N/A
5	DOUGLAS PEGGY JEAN & DANNY EDGAR DOUGLAS LTE	464 COUNTY ROAD 2120 MOUNT PLEASANT TX 75455-9111
6	PILGRIMS PRIDE CORPORATION	1770 PROMONTORY CIRCLE GREELEY, CO 80634
7	MENDOZA JOSE & GABRIELA	559 CR 1314 MOUNT PLEASANT TX 75455
8	TEXAS DEPT OF TRANSPORTATION	7600 WASHINGTON AVE HOUSTON TX 77007
9	VILLARREAL C&M FAMILY LTD	216 MARKET AV STE 115 BOERNE TX 78006
10	JORGE HUMBERTO PEREZ & PERLA RUIZ DE PEREZ	1522 SUGAR FORD WAY JOILET IL 60433
11	DOUGLAS PEGGY JEAN & DANNY EDGAR DOUGLAS LTE	464 COUNTY ROAD 2120 MOUNT PLEASANT TX 75455-9111
12	PILGRIMS PRIDE CORPORATION	1770 PROMONTORY CIRCLE GREELEY, CO 80634
13	RICHEY BIRDIE NELL	3054 VILLA SUR TRL DALLAS TX 75228
14	CITY OF MT PLEASANT TEXAS	501 N MADISON MOUNT PLEASANT TX 75455-3650
15	DYKE RANDALE & MCCALL	407 N MADISON AVENUE MOUNT PLEASANT, TX 75455-3948
16	LOPEZ GABRIEL	160 COUNTY ROAD 2120 MOUNT PLEASANT TX 75455
17	MCGUIRE DEBRA GLOVER	165 COUNTY ROAD 2120 MOUNT PLEASANT TX 75455
18	PILGRIMS PRIDE CORPORATION	1770 PROMONTORY CIRCLE GREELEY, CO 80634
19	PILGRIMS PRIDE CORPORATION	1770 PROMONTORY CIRCLE GREELEY, CO 80634
20	PMCI PROPERTIES II LP	PO BOX 1540 MT PLEASANT TX 75456-1540
21	PILGRIMS PRIDE CORPORATION	1770 PROMONTORY CIRCLE GREELEY, CO 80634
22	PMCI PROPERTIES II LP	PO BOX 1540 MT PLEASANT TX 75456-1540
23	GLOVER FRANK M ESTATE	165 COUNTY ROAD 2120 MOUNT PLEASANT TX 75456-0287
24	GLOVER FRANK M ESTATE	165 COUNTY ROAD 2120 MOUNT PLEASANT TX 75456-0287

25	PMCI PROPERTIES II LP	PO BOX 1540 MT PLEASANT TX 75456-1540
26	CALDWELL WILLIAM HARGROVE	408 REDBUD LN MOUNT PLEASANT TX 75455-5757
27	CALDWELL WILLIAM HARGROVE	408 REDBUD LN MOUNT PLEASANT TX 75455-5757
28	PMCI PROPERTIES II LP	PO BOX 1540 MT PLEASANT TX 75456-1540
29	PMCI PROPERTIES II LP	PO BOX 1540 MT PLEASANT TX 75456-1540
30	CALDWELL ALFRED MYLES	1024 VZCR 1923 FRUITVALE TX 75127
31	CALDWELL CHARLES SARGENT JR	2370 FM 127 MOUNT PLEASANT TX 75455

GARRETSON JOHNNY M
947 FARM ROAD 899
MOUNT PLEASANT TX 75455-9229

TEXAS DEPT OF
TRANSPORTATION
7600 WASHINGTON AVE
HOUSTON TX 77007

DOUGLAS PEGGY JEAN &
DANNY EDGAR DOUGLAS LTE
464 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455-9111

PILGRIMS PRIDE CORPORATION
1770 PROMONTORY CIRCLE
GREELEY CO 80634

MENDOZA JOSE & GABRIELA
559 CR 1314
MOUNT PLEASANT TX 75455

VILLARREAL C&M FAMILY LTD
216 MARKET AV STE 115
BOERNE TX 78006

JORGE HUMBERTO PEREZ &
PERLA RUIZ DE PEREZ
1522 SUGAR FORD WAY
JOILET IL 60433

RICHEY BIRDIE NELL
3054 VILLA SUR TRL
DALLAS TX 75228

CITY OF MT PLEASANT TEXAS
501 N MADISON
MOUNT PLEASANT TX 75455-3650

DYKE RANDALE & MCCALL
407 N MADISON AVENUE
MOUNT PLEASANT TX 75455-3948

LOPEZ GABRIEL
160 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455

MCGUIRE DEBRA GLOVER
165 COUNTY ROAD 2120
MOUNT PLEASANT TX 75455

PMCI PROPERTIES II LP
PO BOX 1540
MT PLEASANT TX 75456-1540

GLOVER FRANK M ESTATE
165 COUNTY ROAD 2120
MOUNT PLEASANT TX 75456-0287

CALDWELL WILLIAM HARGROVE
408 REDBUD LN
MOUNT PLEASANT TX 75455-5757

CALDWELL ALFRED MYLES
1024 VZCR 1923
FRUITVALE TX 75127

CALDWELL CHARLES SARGENT
JR
2370 FM 127
MOUNT PLEASANT TX 75455

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECEPCIÓN DE LA SOLICITUD Y LA INTENCIÓN DE OBTENER CALIDAD DEL AGUA PERMISO MODIFICACION

PERMISO NO. WQ00_____

SOLICITUD. Pilgrim's Pride Corporation, P.O. Box 1268, Mount Pleasant, Texas 75455, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) para modificar el Permiso No.WQ0003017000 del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 3,500,000 galones por día. La planta está ubicada 664 Farm-to-Market Road en el Condado de Titus, Texas. La TCEQ recibió esta solicitud el día 1 de mayo de 2023. La solicitud para el permiso estará disponible para leerla y copiarla en 601 North Madison, Mount Pleasant, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.995555,33.138888&level=18

Include the following non-italicized sentence if the facility is located in the Coastal Management Program boundary and is an application for a major amendment which will increase the pollutant loads to coastal waters or would result in relocation of an outfall to a critical areas, or a renewal with such a major amendment. The Coastal Management Program boundary is the area along the Texas Coast of the Gulf of México as depicted on the map in 31 TAC §503.1 and includes part or all of the following counties: Cameron, Willacy, Kenedy, Kleberg, Nueces, San Patricio, Aransas, Refugio, Calhoun, Victoria, Jackson, Matagorda, Brazoria, Galveston, Harris, Chambers, Jefferson y Orange. If the application is for amendment that does not meet the above description or a renewal without such a major amendment, do not include the sentence: El Director Ejecutivo de la TCEQ ha revisado esta medida para ver si está de acuerdo con los objetivos y las regulaciones del Programa de Administración Costero de Texas (CMP) de acuerdo con las regulaciones del Consejo Coordinador de la Costa (CCC) y ha determinado que la acción es conforme con las metas y regulaciones pertinentes del CMP.

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la

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

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

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

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

distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

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

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

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía http://www14.tceq.texas.gov/epic/eComment/ o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Pilgrim's Pride Corporation a la dirección indicada arriba o llamando a Tyson Clark al 903-575-3176.

Fecha de emisión _____ *[Date notice issued]*

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

This template is a guide to assist applicant's in developing a plain language summary as required by 30 Texas Administrative Code Chapter 39 Subchapter H. Applicant's may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the blanks below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements.

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

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

INDUSTRIAL WASTEWATER/STORMWATER

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

Pilgrim's Pride Corporation (CN601276660) operates the Pilgrim's Pride Southwest Wastewater Treatment Plant RN102184041. a wastewater treatment plant treating industrial wastewater from poultry processing operations and a number of private residences. The facility is located at 664 FM 127 W, in Mt. Pleasant, Titus County, Texas 75455.

This application is for a renewal of Wastewater Permit W0003017000 to discharge 3,500,000 gallons per day of treated effluent via Outfall 001

Discharges from the facility are expected to contain pollutants listed in 40 CFR Part 432 including: 5-day biochemical oxygen demand, fecal coliform, oil and grease, total suspended solids, ammonia, total nitrogen, pH, and temperature. Additional potential pollutants from this discharge are included in the Industrial Wastewater Application

Technical Report, Worksheet 2.0.Wastewater treated at this facility consists of a combination of process wastewaters from poultry first and further processing and protein conversion (rendering) operations along with industrial stormwater discharges from these operations and sanitary wastewater from a small number of private residences. Wastewater from these sources is treated by initial screening, biological treatment via anaerobic, anoxic/oxic, and aeration basins/lagoons, final clarification, tertiary filtration, chlorination, and dechlorination prior to discharge.

INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
3. Choose "operates" in this section for existing facility applications or choose "proposes to operate" for new facility applications.
4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
6. Choose the appropriate article (a or an) to complete the sentence.
7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
8. Choose "is" for an existing facility or "will be" for a new facility.
9. Enter the location of the facility in this section.
10. Enter the City nearest the facility in this section.
11. Enter the County nearest the facility in this section.
12. Enter the zip code for the facility address in this section.
13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
16. Choose the appropriate verb tense to complete the sentence.
17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with

the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Example

Individual Industrial Wastewater Application

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

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred as "previously monitored effluents" (low volume wastewater, metal cleaning waste, and stormwater (from diked oil storage area yards, and storm drains)) via Outfall 001. Low volume waste sources, metal cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low volume waste and metal cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility's potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam. Low volume wastewater from blowdown of boiler Units 1 and 2 and metal cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal cleaning waste from equipment cleaning is generally disposed of off-site.

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

AGUAS RESIDUALES INDUSTRIALES/AGUAS PLUVIALES

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

Pilgrim's Pride Corporation (CN601276660) opera la planta de tratamiento de aguas residuales de Pilgrim's Pride RN102184041, una planta de tratamiento de aguas residuales que trata las aguas residuales industriales de las operaciones de procesamiento de aves y varias residencias privadas. La instalación está ubicada en 664 FM 127 W, en Mt. Pleasant, condado de Titus, Texas 75455. Esta solicitud es para renovar el permiso de aguas residuales W0003017000 para descargar 3,500,000 galones por día de efluentes tratados a través del Outfall 001.

Se espera que las descargas de la instalación contengan contaminantes enumerados en 40 CFR Part 432, que incluyen: demanda bioquímica de oxígeno de 5 días, coliformes fecales, aceite y grasa, sólidos suspendidos totales, amoníaco, nitrógeno total, pH y temperatura. Los posibles contaminantes adicionales de esta descarga se incluyen en el Industrial Wastewater Application Technical Report, Worksheet 2.0. Las aguas residuales tratadas en esta instalación son una combinación de aguas residuales de proceso de las operaciones de conversión (rendimiento) de proteínas y primer procesamiento de aves de corral junto con descargas de aguas pluviales industriales de estas operaciones y aguas residuales sanitarias de una pequeña cantidad de residencias privadas. Las aguas residuales de estas fuentes son tratadas mediante procesos físicos/químicos y biológicos de tratamiento de aguas residuales.

Rachel Ximenez

From: Rachel Ximenez
Sent: Tuesday, July 18, 2023 3:19 PM
To: Jacob Cochran
Cc: Tyson Clark (Tyson.Clark@Pilgrims.com); Dana Pierce (Dana.Pierce@pilgrims.com); Trent Samples
Subject: RE: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

I confirmed the payment I will be moving forward with the process, thank you.

From: Jacob Cochran <jcochran@wheeinc.com>
Sent: Tuesday, July 11, 2023 7:40 AM
To: Rachel Ximenez <Rachel.Ximenez@Tceq.Texas.Gov>
Cc: Tyson Clark (Tyson.Clark@Pilgrims.com) <Tyson.Clark@Pilgrims.com>; Dana Pierce (Dana.Pierce@pilgrims.com) <Dana.Pierce@pilgrims.com>; Trent Samples <tsamples@wheeinc.com>
Subject: RE: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

Ms. Ximenez, did the forwarded information concerning the check submittal enable you to locate and confirm the completion of the fee payment for the Pilgrim's Mt. Pleasant Wastewater Treatment Plant? Please let me know if you are still unable to locate it and we will see what we can do on our end.

Thank you,
Jacob Cochran, EIT
Project Engineer, WHEE
Office: 770-844-0037
Mobile: 678-231-3907

From: Jacob Cochran
Sent: Wednesday, July 5, 2023 10:44 AM
To: Rachel Ximenez <Rachel.Ximenez@Tceq.Texas.Gov>
Cc: Tyson Clark (Tyson.Clark@Pilgrims.com) <Tyson.Clark@Pilgrims.com>; Dana Pierce (Dana.Pierce@pilgrims.com) <Dana.Pierce@pilgrims.com>; Trent Samples <tsamples@wheeinc.com>
Subject: FW: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

Rachel, please see the below email forwarded from Pilgrim's with details on the check that was submitted. My apologies that it has been so difficult to track this down.

Thank you,
Jacob Cochran, EIT
Project Engineer, WHEE
Office: 770-844-0037
Mobile: 678-231-3907

From: Clark, Tyson <Tyson.Clark@pilgrims.com>
Sent: Wednesday, July 5, 2023 10:31 AM
To: Jacob Cochran <jcochran@wheeinc.com>
Subject: FW: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

From: Holsopple, Joanna <Joanna.Holsopple@jbssa.com>
Sent: Wednesday, July 5, 2023 9:30 AM
To: Clark, Tyson <Tyson.Clark@pilgrims.com>
Subject: RE: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

$546.80 check number 4262645 payment date 6/9/23 check cashed 6/14/23

From: Clark, Tyson <Tyson.Clark@pilgrims.com>
Sent: Wednesday, July 5, 2023 9:23 AM
To: Holsopple, Joanna <Joanna.Holsopple@jbssa.com>
Subject: FW: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

From: Jacob Cochran <jcochran@wheeinc.com>
Sent: Wednesday, July 5, 2023 9:22 AM
To: Clark, Tyson <Tyson.Clark@pilgrims.com>; Pierce, Dana <Dana.Pierce@pilgrims.com>
Cc: Trent Samples <tsamples@wheeinc.com>
Subject: [Ext]- FW: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

Use caution before opening attachments or links!

Tyson, please see the below email from TCEQ. Can you provide the name the check to TCEQ for the outstanding fees was filed under?

Thank you,
Jacob Cochran, EIT
Project Engineer, WHEE
Office: 770-844-0037
Mobile: 678-231-3907

From: Rachel Ximenez <Rachel.Ximenez@Tceq.Texas.Gov>
Sent: Wednesday, July 5, 2023 10:20 AM
To: Jacob Cochran <jcochran@wheeinc.com>
Subject: RE: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

Good Morning Jacob,

I was unable to find the payment information under the 4262645 check number. Can you tell me who's name it's under, I can search that way as well? Thank you

From: Jacob Cochran <jcochran@wheeinc.com>
Sent: Monday, July 3, 2023 2:20 PM
To: Rachel Ximenez <Rachel.Ximenez@Tceq.Texas.Gov>
Cc: Tyson Clark (Tyson.Clark@Pilgrims.com) <Tyson.Clark@Pilgrims.com>; Dana Pierce (Dana.Pierce@pilgrims.com)

<Dana.Pierce@pilgrims.com>; Trent Samples <tsamples@wheeinc.com>
Subject: RE: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

Ms. Ximenez, I just wanted to check in to see if the payment made by Pilgrim's for the outstanding fees had been processed yet and if there were any additional steps we need to take in order for the application to be considered administratively complete.

Thank you,
Jacob Cochran, EIT
Project Engineer, WHEE
Office: 770-844-0037
Mobile: 678-231-3907

From: Rachel Ximenez <Rachel.Ximenez@Tceq.Texas.Gov>
Sent: Friday, June 16, 2023 5:33 PM
To: Jacob Cochran <jcochran@wheeinc.com>
Subject: RE: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

Jacob,
I appreciate that, I will just check the payment at a later date. Thank you and have a great weekend.

From: Jacob Cochran <jcochran@wheeinc.com>
Sent: Friday, June 16, 2023 1:42 PM
To: Rachel Ximenez <Rachel.Ximenez@Tceq.Texas.Gov>
Cc: Tyson Clark (Tyson.Clark@Pilgrims.com) <tyson.clark@pilgrims.com>; Dana Pierce (Dana.Pierce@pilgrims.com) <Dana.Pierce@pilgrims.com>; Trent Samples <tsamples@wheeinc.com>
Subject: RE: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

Ms. Ximenez, please find attached Word documents of the revised Address Labels and Cross-Referenced Landowners List as requested.

Pilgrim's has confirmed that check number 4262645 is the correct number. The payment may not have posted yet, but Tyson has confirmed that the check was mailed on June 9th.

Please let me know if the check has not posted in the next several business days or if there is anything else you need from us.

Thank you,
Jacob Cochran, EIT
Project Engineer, WHEE
Office: 770-844-0037
Mobile: 678-231-3907

From: Rachel Ximenez <Rachel.Ximenez@Tceq.Texas.Gov>
Sent: Friday, June 16, 2023 12:06 PM
To: Jacob Cochran <jcochran@wheeinc.com>
Subject: RE: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

Good morning Jacob,

Thank you for your response. Please attach the landowners list in MS Word if at all possible, in case the list has to be adjusted.
Also please double check the number 4262645 given for the check. I have tried to verify it, but I am not showing a payment posted. I just want to make sure I have the correct number. I can look it up again at a later date to see if it has been posted to the site.

Thank you for your assistance.

From: Jacob Cochran <jcochran@wheeinc.com>
Sent: Friday, June 16, 2023 7:54 AM
To: Rachel Ximenez <Rachel.Ximenez@Tceq.Texas.Gov>
Cc: Tyson Clark (Tyson.Clark@Pilgrims.com) <tyson.clark@pilgrims.com>; Dana Pierce (Dana.Pierce@pilgrims.com) <Dana.Pierce@pilgrims.com>; Trent Samples <tsamples@wheeinc.com>
Subject: RE: Application to Amend Permit No. WQ00003017000- Pilgrim's Pride Corporation - Revised

Ms. Ximenez, Please find attached on behalf of Pilgrim's Pride Corporation (Pilgrim's) an electronic (PDF) version of the Notice of Deficiency (NOD) revisions per TCEQ's request. These revisions are being provided via email per your request. At this time we are not sending hard copies of these revisions as we have been instructed that an electronic/email submittal is acceptable. However, we can mail hard copies of these revisions as needed.

Included with this submittal are the items indicated in the NOD with revisions made to the applicable maps, forms, etc. The specific items contained in this form are as follows:

- A revised Pilgrim's Pride Corporation Core Data Form
- A revised City of Mount Pleasant Core Data Form
- A revised Landowner's Map
- A revised Cross-Referenced Landowner's List
- Revised Address Labels
- A Spanish Language Translation of the Notice of Receipt of Application and Intent to Obtain a Water Quality Permit (NORI)
- A Plain Language Summary (PLS) in English
- A Plain Language Summary (PLS) in Spanish

A check (check no. 4262645; dated 6/9/2023) for the outstanding fees has already been submitted to TCEQ as requested. The requested Microsoft Word versions Spanish Language Translation NORI and English and Spanish Language Plain Language Summaries are also being provided with this submittal via email.

If you have any questions concerning the attached information or need further assistance, please contact Tyson Clark with Pilgrim's Pride Corporation at 903-575-3176 or myself.

Thank you,
Jacob Cochran, EIT
Project Engineer, WHEE
Office: 770-844-0037
Mobile: 678-231-3907

Disclaimer

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and delete the material from any computer. This email has been checked for viruses. However, JBS USA Food Company and its constituent companies cannot accept responsibility for loss or damages arising from use of this email or attachments and we recommend that you subject these to your virus checking procedures prior to use.

Pilgrims Pride Corporation / Southwest Plant

CHECKLIST FOR ADMIN REVIEW OF INDUSTRIAL INDIVIDUAL PERMIT APPLICATIONS

Permit No. WQ0003017000	**EPA ID** TX0062936	**MGD** ____
CN 601276660	**RN** 102184041	**County** Titus **Region No.** 5
EPA Class. ☑ **Major** ☐ **Minor**	**App Received Date** 5/1/23	**Expiration Date** 11/19/23
Status ☐ **Inactive** ☑ **Active**	**Segment No.** 0404	**Permit Type** ☑ **TPDES** ☐ **TLAP**
Authorization Type IND WW	**Application Type** Maj Amend Ren	

Note: A minor facility is generally one in which the final flow is less than 1.0 MGD.

Application Review Date: 6-1-23 review date, NOD 6/6/23

☐ A copy of the **groundwater review** was provided (for TLAP new, major amendment, SADD minor amendment, and all applications with (or proposing) Class B sludge provisions).

☐ For **new and major amendment applications that propose surface water discharge (TPDES)**, the standards review for RWA comments is included.

☑ Coastal Zone sheet is included.

Fees or Penalties Owed: ☐ No ☑ Yes Amount Owed: 546.80
Verified in Basis2 Report: Outstanding Past Due Transactions Detail Report by Customer Name

ADMINISTRATIVE REPORT 1.0 – FOR ALL APPLICATIONS

1. APPLICATION INFORMATION AND FEES

☑ Current version of form used
☑ Type of application is marked
☐ Reason for amendment or modification (if applicable) Also Check Tech Report 1.0, Section 13.

Application Fees: Correct item is checked **and** payment verified in Basis2 Report: Water Quality Receipt Report.
Note: copies of checks should be removed and shredded.

Industrial Application Fee Table

EPA Classification	New	Major Amend.	Renewal	Minor Amendment or Modification without Renewal
Minor, **not** subject to categ stds	☐ $350	☐ $350	☐ $315	☐ $150
Minor, subject to categ stds	☐ $1,250	☐ $1,250	☐ $1,215	☐ $150
Major facility	**N/A ***	☑ $2,050	☐ $2,015	☐ $450

* *All new industrial facilities are designated as minor.*

2015.00
4235943
4247559
35.00

2. APPLICANT INFORMATION

☑ CN is listed for existing customer. ~~Wrong CN #~~
☑ Legal name of applicant is listed (***the owner of the facility must apply for the permit***)
☑ Name and title of the person signing the application is listed and matches signature page.
☑ Indicated if applicant has overall financial responsibility

App
Raphael Boyd
Tracy Craig Co- / City of Mt. Pleasant

Notes: ____

Fees owed = 546.80 CDF #1 = Section II, Not filled ~~Application~~ Incomplete

✓ email for summary (Cole Gray)

3. CO-APPLICANT INFORMATION

☐ N/A – No Co-applicant.
☑ CN is listed for existing customer. Tracy Craig Sr.
☑ Legal name of co-applicant is listed
☑ Name and title of the person signing the application is listed and matches signature page.
☑ Indicated if co-applicant has overall financial responsibility
☑ Legal name of co-applicant is listed ***(if required)***

4. CORE DATA FORM

☑ Core Data Form (CDF) is provided. A separate CDF is required for each customer.

Section I – General Information
☑ Reason for submittal is marked.
☑ Customer (CN) and Regulated Entity (RN) Reference Nos. provided – verify with Central Registry

Section II – Customer Information
☐ Customer legal name is provided and it matches name on admin report
☐ Texas SOS/Filing number is provided – verify with SOS
☐ Texas State Tax ID is provided – verify with Texas Comptroller
☐ Type of customer is marked – refer to information below

- ☐ **Corporation:** Check with Secretary of State (SOS). Verify the entity status and charter number – print page. Verify correct legal spelling of applicant's name. Check spelling with SOS against the name listed in the application. (Permit must be issued in name as filed with SOS.) The applicant must be "**In existence and active**" before the application can be processed further.
- ☐ **Those entities subject to state franchise taxes:** If applicable, check with Comptroller of Public Accounts (CPA) Verify the tax identification number is correct. Note: Non-profit organizations and partnerships are not subject to the state franchise tax
- ☐ **Individual: Complete Attachment 1 of Admin Report 1.0** The complete legal name, including the middle name; and all other information is required. This info is required by Chapter 26.027C of the Texas Water Code. A separate attachment is required for each individual.
- ☐ **Utility District:** Check iWDD to verify that district is not dissolved (inactive is O.K. to process)
- ☐ **Trust**: A copy of an executed trust agreement is provided. Verify that applicant's name is the same as the name in the trust agreement. NOTE: Executed trust must show signatures of trustees or beneficiaries forming the trust and in which county it is recorded.
- ☐ **Partnership:** Verify with Secretary of State (SOS) that partnership is registered, active, and has a filing number. Check spelling with SOS against the name listed in admin report; Check that SOS # is correct; Print page from SOS website. OR if the partnership is not listed with the SOS, the applicant must provide a copy of the partnership agreement. The agreement must: give the name of the partnership as provided on the application for permit; list names of partners; bear signatures of the partners; and state the terms of the partnership.
- ☐ **Municipality/Governmental Agencies/School Districts:** City, County, ISD, Fed, etc. – applicable info is listed.
- ☐ Other _____

☐ Number of employees is marked
☐ Customer role is marked
☐ Mailing address for the applicant is provided - verify on USPS. This address is for mailing the permit.
☐ Email address is provided
☐ Telephone number is provided

Incomplete

Update RE

Pilgram's Pride Southwest WWTP

Section III – Regulated Entity Information

- ☐ Regulated Entity Name is provided and it matches name on admin report
- ☐ Street address or location description of facility is adequately described. If different from current permit, new permit may be required. Use GIS mapping to confirm street address.
- ☑ The county where the facility is located is provided Titus
- ☑ The name of the nearest city is provided Mt. Pleasant
- ☑ The zip code is provided
- ☑ The longitude and latitude of the facility is provided – check Map It link by searching for the Additional ID "AI" (WQ permit number) in Central Registry Internal Reporting Tool
- ☑ Primary SIC Code is provided
- ☑ Permit No. listed under TCEQ Programs and ID numbers - if not listed, add it
- ☐ **NOTE**: If other program ID numbers are listed and Update to Regulated Entity is checked in Section III, a copy of the CDF should be emailed to Central Registry EAMT at registry@tceq.texas.gov.

Section IV – Preparer Information

- ☑ Name, title, telephone number, and email address are provided

Section V – Authorized Signature

- ☑ Company name, title, printed name, phone number, signature, and date are provided

5. APPLICATION CONTACT INFORMATION

- ☑ Administrative and Technical contact name and address information is provided (must have at least one)

6. PERMIT CONTACT INFORMATION

- ☑ Permit (2) contact name(s) and address information is provided

7. BILLING CONTACT INFORMATION

- ☑ Billing contact name and address information is provided

8. DMR/MER CONTACT INFORMATION

- ☐ DMR contact name and address information is provided

9. NOTICE INFORMATION

- ☐ **Minor Amendment *without* Renewal** – NORI not required. Skip review of notice information.
- ☑ **N**ame, address and phone number of one person responsible for publishing NORI is provided.
- ☐ **M**ethod of sending NORI package is provided.
- ☑ **N**ame and phone number of contact to be in the NORI is provided.
- ☑ **L**ocation where application will be available is provided and is in the county where the facility is located - the location must be a building supported by taxpayer funds. Note: If discharge is directly into water body that borders two counties, application must be placed in a public facility in both counties and the notice must be published in both counties.
- ☑ Bilingual Items 1 – 5 are completed. If "Yes" to question 1 and "Yes" to either question 2, 3 or 4, then e.5 must be completed. Language: Spanish
- ☐ Plain Language Summary in English is provided for all applications. Verify the customer's name, facility name and location, type of facility, and flow are consistent with the application and notice.
- ☐ Plain Language Summary is provided for any alternative language listed in Section 9, Item E, No. 5, if applicable.

Public Involvement Plan (PIP) All New or Major Amendment Applications

For all PIP forms:

- ☑ Section 1 is completed.
- ☑ Section 2 is completed. All municipal new and major amendment applications require public notice. Verify the geographic location responses are correct using the statistical area map.

Attached

If ALL boxes in Section 2 are checked and verified:

Not necessary

- ☐ Sections 3, 6, and 7 are completed.
- ☐ Section 4 is completed, or plain language summary was provided by separate attachment for Section 15.
- ☐ Section 5 is completed. Any languages over 5% in items d and e will require alternative language notice and plain language summary.

10. REGULATED ENTITY and PERMITTED SITE INFORMATION

- ☐ Regulated Entity No. is listed. If not, it is not a deficiency. Verify with Central Registry and PARIS.
- ☐ Name of project or site is provided. Should match AI name (Alt RE name) in Central Registry and PARIS.
- ☑ Marked if location address of the facility in the existing permit the same
- ☑ Owner of the facility identified in the application is the same as the name given in Section 3.A **NOTE: THE OWNER OF THE FACILITY IS REQUIRED TO APPLY FOR THE PERMIT**
  (Refer to legal policy memo for complete definition and discussion of facility.)
- ☑ Marked whether ownership of the facility is public, private or both
- ☑ Owner of the land where permitted facility is or will be located is the **SAME** as the applicant. — City of Mt. Pleasant
- ☑ The owner of the land on which the facility is located is **DIFFERENT FROM** the owner of the facility: A copy of a lease agreement or easement, with a term for the duration of the permit, between applicant and landowner, has been provided. See Lease ~~Agreement/Easement~~ Memo dated 2/14/06, that states that a lease is sufficient for pond systems, and that details the provisions that a lease agreement or easement must contain. Lease must identify property by legal description or map.
  OR landowner can apply as a co-permittee. Attached lease agreement

Effluent Disposal Site Owner:

- ☑ N/A - (no effluent disposal proposed)
- ☐ If land disposal is authorized in permit or proposed, the applicant **OWNS** land on which site is located
- ☐ If applicant **DOES NOT OWN** land where site is located, a long-term lease agreement is provided which includes: a term of at least 5 years; is current or it includes an option to renew the term; is between the current applicant and the landowner; and includes description of property by legal description or map.
- ☐ ***(For new TLAP permits only***: A copy of an executed option to purchase agreement may be provided to show that applicant will have ownership of the land upon permit approval.)

Sewage Sludge Disposal Site Owner:

- ☑ N/A - (no sludge disposal proposed)
- ☐ If sludge is authorized in permit or proposed, the applicant **OWNS** land on which disposal site is located, otherwise lease is needed unless Class B sludge is land applied. Check the permit under Sludge Provisions to determine if sludge is authorized. Note: For BLU sludge application – lease is not needed; landowner just needs to sign sludge affidavit (if different from applicant).

11. DISCHARGE/DISPOSAL INFORMATION

- ☑ Identified whether or not facility or discharge are on Native American Land (If yes, we do not have permit authority.) NO
- ☐ An ORIGINAL or equivalent FULL-SIZED USGS 7.5-minute topographic map (8½ x 11 acceptable for amendment and renewal applications) is provided and labeled showing:
  - ☑ applicant's property boundary
  - ☑ treatment facility boundaries
  - ☑ point(s) of discharge (outfalls) —
  - ☑ discharge route for three miles downstream or until it reaches a classified segment
  - ☐ effluent disposal site(s)
  - ☐ pond(s)
  - ☑ sludge disposal/land application site
  - ☐ one-mile radius

All original or equivalent full-sized maps must show:

- ☑ Color map
- ☐ Clear contour lines
- ☐ Upper left corner must identify map as USGS
- ☑ Lower left corner, datum & project information
- ☐ Bottom, magnetic declination
- ☑ Bottom, must show scale
- ☐ Bottom, identify contour intervals
- ☑ Bottom, national map accuracy std.
- ☑ Bottom, show State of TX and quad location
- ☐ Around map, lat and long coordinates
- ☐ Bottom, quadrangle name
- ☐ Bottom, must identify map date

- ☐ For permits that allow sewage disposal the location description is adequately described. For an already-existing permit, check to see that the location has not changed.

Discharge Information:

☑ Checked if discharge info in permit is correct. If applicable, the discharge route description is adequately described and describes the discharge route to the nearest major watercourse. Changing the point of discharge and route from the current permit description requires a major amendment.

☑ The name of the city (or nearest city) where the outfall(s) is/will be located has been provided. Mt. Pleasant

☑ The county where the outfall is located is provided. Titus

☑ Marked item regarding authorization for discharge into a city, county, state or federal ditch. If applicable, correspondence is provided. Email TXDOT if discharge is to a **state** highway right-of-way or roadside ditch.

NS

☐ For a daily average flow of 5 MGD or more: the names of all counties in Texas that are located within 100 miles downstream from the point of discharge.

NA

Disposal Information:

☐ The written location description of the disposal site is adequately described. **(NOTE: A CHANGE IN LOCATION OR INCREASE IN ACREAGE REQUIRES A MAJOR AMENDMENT. A decrease in acreage may also be a major amendment (due to flow rate) - check with permit writer)**

☐ The name of the city (or nearest city) has been provided.

☐ The county where the disposal site is located is provided

☐ The longitude and latitude of the disposal site is provided.

☐ The written flow of effluent from the facility to the effluent disposal site is adequately described.

☐ The nearest watercourse to the disposal site is listed.

12. MISCELLANEOUS INFORMATION

☑ Indicates whether any former TCEQ employees who were paid for services regarding this application.

☑ Fees or Penalties Owed: ☐ No ☑ Yes - See page 1 of checklist 546.80

13. SIGNATURE PAGE

Note: The signature information below lists the proper signatories for the various entities; however, the current version of the application contains a paragraph referencing 30 TAC 305.44. The person signing the application verifies that he or she is authorized, under this rule, to sign the application. We must verify that the title meets the requirements or signatory authority has been delegated and proof has been provided.

☑ **Original Signature Page is required.**

☑ **Signature must be properly notarized – check that signature date and notarized date are the same.**

Applicant	Co-Applicant	
☐	☐	City - Elected official or principle executive officer of the city may be public works director.
☐	☐	Individual: only the individual signs for himself/herself.
☐	☐	Partnership: General Partner or exec officer
☐	☐	Corporation: at least the level of vice president (CEO, Chairman of Board, Secretary)
☐	☐	Utility District: at least the level of vice president, on Board of Directors or District Manager
☐	☐	Water Authority: Regional managers.
☐	☐	School Districts: at least level of the Assistant Superintendent or board members.
☐	☐	Governmental Agencies: Division Directors or Regional Directors.
☐	☐	Trust: The trustee that has been identified in the trust agreement.
☐	☐	Other: _____

X2 Signed SIG. PG's

ADMIN REPORT 1.1 For All New or Major Amendment Applications

1. AFFECTED LANDOWNER INFORMATION

Landowner Map:

☐ The applicant's complete property boundaries are delineated which includes boundaries of all contiguous property owned by the applicant and the co-applicant

☐ The property boundaries of the landowners surrounding the applicant's complete property boundaries have been clearly delineated on the map (for lignite mines, see below).

☐ The location of the facility within applicant's property is shown.

For TPDES applications:

☐ The point(s) of discharge is clearly identified on the map and the discharge route(s) is highlighted.

☐ The scale of map is provided to measure one mile downstream **or** if discharge is into a lake, bay estuary, or affected by tides, ½ mile up & down stream is measured.

☐ The property boundaries of landowners adjacent to the discharge route(s) for one mile downstream from the point of discharge have been clearly delineated and the route is clearly delineated. **OR** If discharge is into a lake, bay estuary, or affected by tides, the property boundaries of landowners ½ mile up & downstream and those property owners across the lake along the shore line that fall within a ½ mile radius of the point of discharge are clearly delineated on the map.

(Note 1) If the application is a major amendment for a **lignite mine**, the map shall include the property boundaries of all landowners within a ½ mile radius of the newly proposed pond(s)/outfall(s). If notice has previously been given to all landowners within the ½ mile radius of the newly proposed pond(s)/outfall(s), identification of landowners isn't required; however, a written statement confirming that notice was previously given is required. (Note 2) For all other mines, all landowner's adjacent to the property boundaries where the mine is located must be identified.

For TLAP - land disposal of effluent (i.e., irrigation, evaporation, etc.):

☐ The boundaries of the disposal site are clearly identified on the map.

☐ The boundaries of all landowners surrounding the disposal site.

For All New and Major Amendment

☐ Cross-referenced list of landowners is provided

☐ USB with Microsoft Word document formatted for mailing labels (Avery 5160) or four sets of mailing labels were provided.

☐ Source of landowners' info was provided.

☐ Provided response regarding permanent school fund land. If information filled out on General Land Office, then indicate so on the contact sheet.

For All TPDES Permit Applications

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

☐ SPIF is provided (TPDES only)

☐ SPIF Map is included or confirm USGS map is sufficient

TECHNICAL REPORT – INDUSTRIAL APPLICATIONS

☐ **Minor Amendment *without* Renewal.** Review not required. Just make sure report is provided.

☐ Description of type of activity and general nature of business.

☐ The flow volume for all outfalls is indicated in tables – Tech Report 1.0 Section 4
- ☐ Flow indicated is greater than permitted, a major amendment is required
- ☐ Flow indicated is less than permitted, confirm with applicant that they are requesting to reduce flow

☐ Amendment and Modification Requests in Tech Report 1.0 Section 13: Check to see if there are any amendment or modification requests.

☐ The permit authorizes irrigation/evaporation/subsurface disposal method, and the irrigation/evaporation/ subsurface information has been addressed in the technical report. If the acreage is more than is currently permitted, a major amendment is required.

The applicable worksheets must be completed:

- ☐ Worksheet 3.0 - required for land disposal of effluent
- ☐ Worksheet 3.1 - required for surface land disposal (new and major amendment only)
- ☐ Worksheet 3.2 - required for subsurface land disposal (new and major amendment only)
- ☐ Worksheet 3.3 - required for subsurface area drip dispersal systems (SADDS) (new and major amendment); may be required for renewal on a case-by-case basis.
- ☐ SADDS Applications: When the application is administratively complete, a copy of the application and a transmittal letter must be sent to the State Department of Health Services. See the folder titled "SADDS" (under the Individual Permit Review folder) for a template of the letter.

☐ Worksheet 9.0 – required for SADD applications

The Following Items Only Apply to Quarries in The John Graves Scenic Riverway

☐ Worksheet 10 must be completed

☐ Restoration plan must be submitted. Plan must be certified by a licensed Texas PE or a licensed Texas professional geoscientist.

☐ Reclamation plan must be submitted for a quarry located 200 - 1,500 feet from a perennial water body. Plan must be certified by a licensed Texas PE or a licensed Texas professional geoscientist.

☐ A technical demonstration document must be submitted for a quarry located 200 - 1,500 feet from a perennial water body.

☐ Financial Assurance documents must be submitted:
- ☐ Financial Assurance for the Restoration plan
- ☐ Financial Assurance for the Reclamation plan (if reclamation plan must be submitted)
- ☐ A copy of the original financial assurance documents (make a copy for our file) must be sent, via interoffice mail, to Jacob Engelke, of the Financial Assurance team. Accompanying the financial assurance documents, send the first 5 pages of the application, along with a copy of the restoration plan and a copy of the reclamation plan (if a reclamation plan is submitted). We must have confirmation from Jacob stating that the financial assurance is satisfactory, before we can declare the application administratively complete.

WHEN APPLICATION IS NOT ADMINISTRATIVELY COMPLETE:

☐ Complete NOD. See NOD SOP

WHEN APPLICATION IS ADMINISTRATIVELY COMPLETE:

NORI not required for minor amendment. Complete the Routing and Contact (list "n/a" for item about person responsible for publication of the notice) Blue sheets only.

☐ Complete NORI package. See NORI SOP

☐ Prepare SPIF forms (only for TPDES permits)
- ☐ checked application type
- ☐ entered county name
- ☐ entered administrative completeness date
- ☐ ensured permit number is on form
- ☐ *check agency receiving SPIF
  - ☐ **Minor amendments -** ALL agencies **BUT** Texas Historical Commission and Army Corps of Engineers
  - ☐ **Renewals –** All agencies **BUT** Texas Historical Commission
  - ☐ **New and Major Amendments –** All agencies
- ☐ check that the segment number (if known) is entered in receiving water body information.
- ☐ On the accompanying map, delineate the discharge route in such a way that copies will reflect the highlighted discharge route.

***NOTE:** Copy of SPIFs not required for Houston – US Fish and Wildlife and Galveston-US Army Corps of Engineers. Reference SPIF Routing Sheet.

Admin Complete PARIS Entry and Other Reminders

WQ Folder - Application Search

Application Summary Tab

- ☐ Verify application Summary and Details. Update as needed.

Admin Review Tab

- ☐ Admin Review Begin Date
- ☐ Admin Complete Date
- ☐ All NOD Sent, Response Received, Response Complete Dates
- ☐ SPIF Required (Yes/No)

☐ NORI Required (Yes/No)

Public Participation Tab –

- ☐ NORI – Date notice is filed with CCO
- ☐ Public Notice Details – Notice Contact Information

CR Folder – RE Search

AI Detail Screen – Verify AI Details and Physical Address. Update as needed.

View Contact List – Enter or Update Contact Information for these roles:

- ☑ Owner
- ☑ Applicant
- ☑ Technical
- ☑ Billing
- ☐ MER (TLAP only)
- ☐ Remove CN affiliation for MER contact (TLAP and TPDES)

View EPA ID from AI List

- ☐ View Customer List and verify CN is affiliated to EPA ID or add affiliation.

OTHER

- ☐ Copy notice (and labels for New and Major Amendments), to H:\EVERYONEWQ\Water Quality App Team\Notice of Receipts
- ☐ Copy NORI and PLS to H:\EVERYONEWQ\WQD Notices
- ☐ Copy contact sheet to H:\EVERYONEWQ\Blue Contact Sheets
- ☐ SADDS – Send letter and copy of complete application to Dept. of Health Services
- ☐ Email TXDOT if discharge is to a state highway right-of-way or roadside ditch

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ✓ Major Amendment ____Minor Amendment ____New

County: Titus Segment Number: 0404

Admin Complete Date: 8-1-23

Agency Receiving SPIF:

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

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

This form applies to TPDES permit applications only. (Instructions, Page 37)

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

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

The following applies to all applications:

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1. Permittee Name: Pilgrim's Pride Corporation
2. Permit No.: WQ 0003017000 EPA ID No.: TX0062936
3. Address of the project (location description that includes street/highway, city/vicinity, and county): 664 FM 127 W, Mt. Pleasant, Titus County, Texas 75455
4. Provide the name, address, phone and fax number, and email address of an individual that can be contacted to answer specific questions about the property.

   Full Name (First and Last): Tyson Clark

   Organization Name: Pilgrim's Pride Corporation Mailing Address: 1770 Promontory Circle

   City: Greeley State: Colorado Zip Code: 80634

   Phone No: (903) 575-3176 Fax No: Click to enter text. Email: Tyson.Clark@pilgrims.com
5. List the county in which the facility is located: Titus
6. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property: City of Mount Pleasant

7. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number: Tankersley Creek to Big Cypress Creek Below Lake Bob Sandlin (Segment No. 0404).

8. Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report.) Attachment: Figure 2 - Second USGS Map

9. Provide original photographs of any structures 50 years or older on the property. Attachment: Attachment B - Photographs of Structures Older than 50 Years

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

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

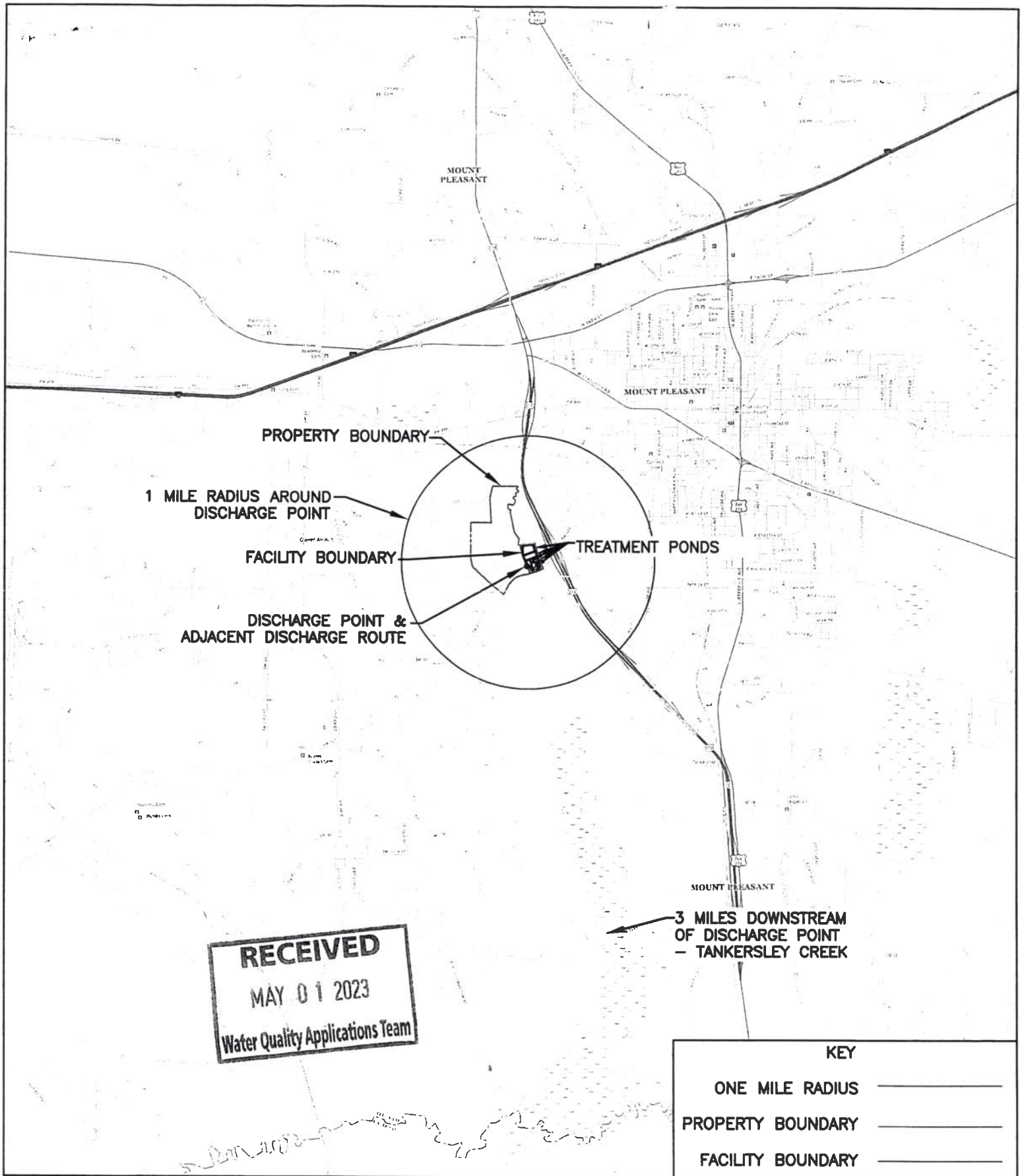
11. List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features): No construction planned.

12. Describe existing disturbances, vegetation, and land use: Wastewater treatment site consists of various concrete structures/buildings and wastewater treatment lagoons. Land use in the surrounding area is generally rural/agricultural in nature.

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

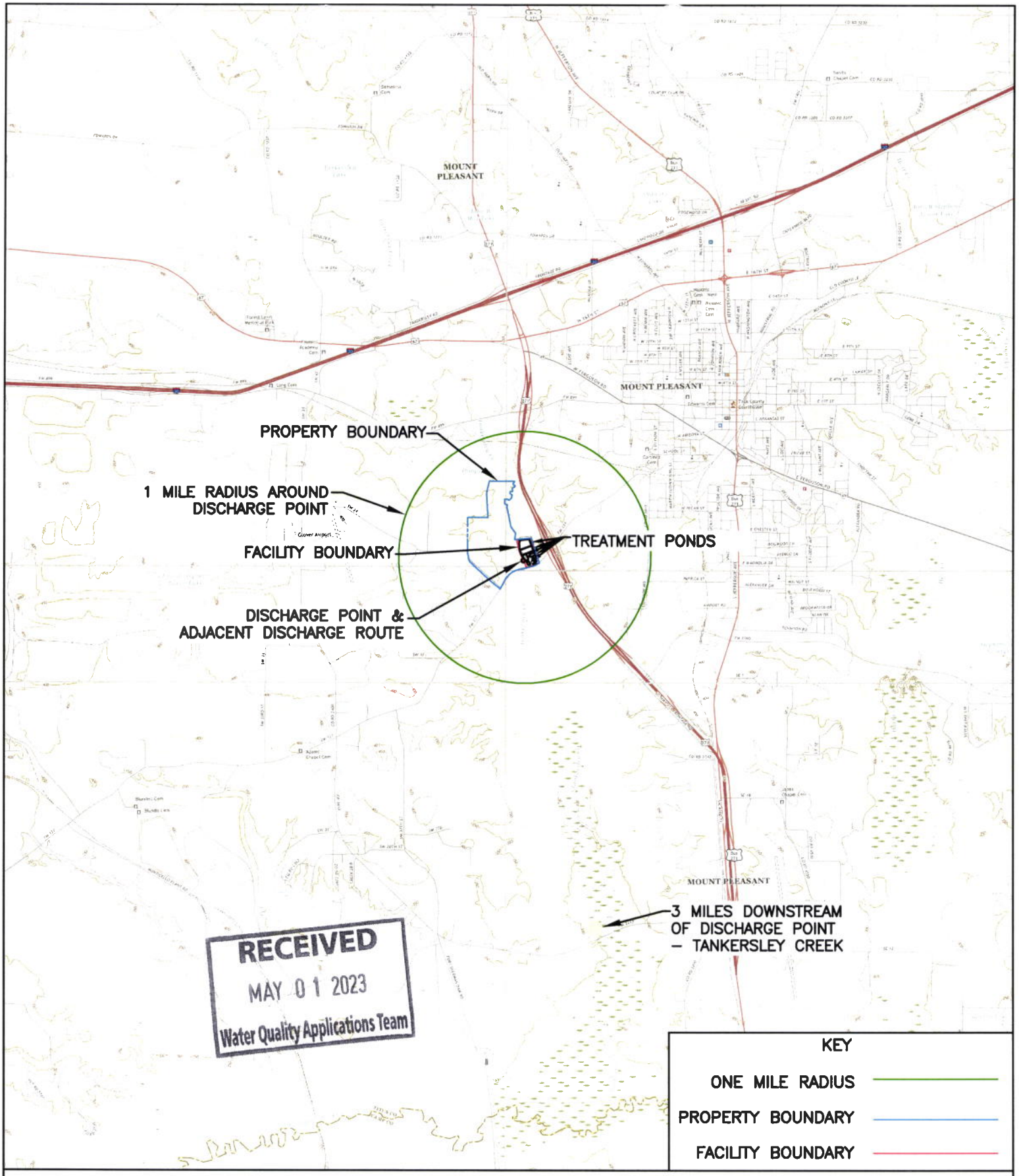
13. List construction dates of all buildings and structures on the property: Click to enter text.

14. Provide a brief history of the property, and name of the architect/builder, if known: Click to enter text.



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FIGURE 1 - USGS MAP



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FIGURE 1 - USGS MAP

Produced by the United States Geological Survey

SCALE 1:24 000

MOUNT PLEASANT, TX
2022


Location Mapper
664 FM 127, MOUNT PLEASAN
Show search results for 664 FM 127, ...
Search result
664 FM-127, Mount Pleasant, TX, 75455, USA
Zoom to
Farm Road 127
Farm Road 127
US 271 SBFR
127
271
Source:
200ft

Look Up a ZIP Code™ FAQs

Go to

ZIP Code™ by Address

You entered:

601 NORTH MADISON
MOUNT PLEASANT TX

If more than one address matches the information provided, try narrowing your search by entering a street address and, if applicable, a unit number. **Edit and search again. (zip-code-lookup.htm?byaddress)**

601 N MADISON AVE
MOUNT PLEASANT TX **75455-3601**

Look Up Another ZIP Code™

Edit and Search Again (/zip-code-lookup.htm?byaddress)

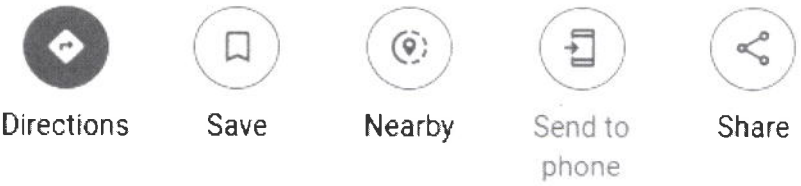
Feedback

Mt. Pleasant, TX Public Library

4.6 ★★★★☆ (45)

Public library

Overview Reviews About



601 N Madison, Mt Pleasant, TX 75455

Open now

Monday	**9 AM–6 PM**
Tuesday	9 AM–6 PM
Wednesday	9 AM–6 PM
Thursday	9 AM–8 PM
Friday	9 AM–6 PM
Saturday	10 AM–1 PM

Return to Sharenet

Central Registry Internal Reporting

Main Query Page | Program Area Search

Additional ID Detail

Additional ID Program	WWPERMIT		**Legacy System (Code)**	(WQ)	
Additional ID	WQ0003017000	**Status**	ACTIVE	**ID Type**	PERMIT
Name	PILGRIMS PRIDE SOUTHWEST WWTP			**Sec. Addn Id**	TX0062936, EPA ID
Physical Address	664 FM 127, MOUNT PLEASANT, TX 75455 5529				
Description	ON THE NORTH SIDE OF FM 127 APPROX 0.25 MILES WEST OF THE INTERSECTION OF FM 127 AND HWY 271				
County	TITUS	**Region**	REGION 05 - TYLER		
Nearest City	MOUNT PLEASANT	**State**	TX	**Nearest Zip**	75455
Latitude	33° 8 min 20 sec (33.138888)		**Longitude**	94° 59 min 44 sec (-94.995555)	

Map It | Copy Map It URL | Prior Names

Industry Types

Classification System	Code	Name	Primary Flag
NAICS	311615	Poultry Processing	Y
SIC	0254	Poultry Hatcheries	N
SIC	2015	Poultry Slaughtering and Processing	Y
SIC	2077	Animal and Marine Fats and Oils	N

Industry Type: (1-4 of 4 Records)

Site Classifications

Program	Site Classification	Begin Date	End Date	CMS Min Freq Qty
WASTEWATER	INDUSTRIAL MAJOR	01/1/1800	12/31/3000	0

Site Classification: (1-1 of 1 Record)

Customers

List All

CN Number	Name ▲	Role
CN601276660	PILGRIMS PRIDE CORPORATION	OWN

Customers: (1-1 of 1 Record)

Issued To

CN Number	Issued To Name	Start Date	'Issued To' History
CN601276660	PILGRIMS PRIDE CORPORATION	05/07/1991	View

Issued To: (1-1 of 1 Record)

Regulated Entity

Reference Number	RN102184041	**Name**	PILGRIMS PRIDE NORTHEAST TEXAS COMPLEX WWTP	**Stand-Alone**	N
Business Description	POULTRY PROCESSING PLANT				

Location

Address	1000 S OTYSON ST, MOUNT PLEASANT, TX 75455 5530				
Description	ON THE NORTH AND SOUTH SIDES OF FM 127, 0.5 MILE WEST OF INTERSECTION FM 127 AND HWY 271				
County	TITUS		**Region**	REGION 05 - TYLER	
Nearest City	MOUNT PLEASANT	**State**	TX	**Nearest Zip**	
Latitude			**Longitude**		

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Customer Name: PILGRIMS PRIDE CORPORATION
Account #: 20046037 Debtcollpath Stage: AGENCY:REFERRED,WHOLD:REFERRED Calls: NOTES

GPS	GPS0256257	SW WQ ANNUAL FEE	FY23	TXR05ED54	31-DEC-22	31-JAN-23	$200.00
GPS	SC00322200	LATE FEE - FEB 2023			10-FEB-23	10-FEB-23	$10.00
GPS	SC00325297	LATE FEE - MAR 2023			10-MAR-23	10-MAR-23	$10.00
GPS	SC00327373	LATE FEE - APR 2023			10-APR-23	10-APR-23	$1.70
GPS	GPS0256257	COLLECTION COST RECOVERY			05-MAY-23	05-MAY-23	$50.00
GPS	SC00329370	LATE FEE - MAY 2023			10-MAY-23	10-MAY-23	$1.70

Total of delinquent transactions (Account): $273.40

Account #: 20046213 Debtcollpath Stage: AGENCY:REFERRED,WHOLD:REFERRED Calls:

GPS	GPS0256369	SW WQ ANNUAL FEE	FY23	TXR05EH01	31-DEC-22	31-JAN-23	$200.00
GPS	SC00322267	LATE FEE - FEB 2023			10-FEB-23	10-FEB-23	$10.00
GPS	SC00325394	LATE FEE - MAR 2023			10-MAR-23	10-MAR-23	$10.00
GPS	SC00327587	LATE FEE - APR 2023			10-APR-23	10-APR-23	$1.70
GPS	GPS0256369	COLLECTION COST RECOVERY			05-MAY-23	05-MAY-23	$50.00
GPS	SC00329403	LATE FEE - MAY 2023			10-MAY-23	10-MAY-23	$1.70

Total of delinquent transactions (Account): $273.40

Total of delinquent transactions (Customer): $546.80

Customer Name: PILIE INC
Account #: 0821079 Debtcollpath Stage: WHOLD:REFERRED,UNCOL:EXHAUST Calls:

ILP	ILP0005314	INNOC LDOWN SEP17	FY18	61045	30-NOV-17	31-DEC-17	$201.25
ILP	ILP0005331	INNOC LDOWN OCT17	FY18	61045	31-DEC-17	31-JAN-18	$431.25
ILP	ILP0005346	INNOC LDOWN NOV17	FY18	61045	31-JAN-18	28-FEB-18	$115.00

Total of delinquent transactions (Account): $747.50

Total of delinquent transactions (Customer): $747.50

Customer Name: PIN OAK MOBILE HOME PARK 1
Account #: 91010524 Debtcollpath Stage: WHOLD:REFERRED Calls: CLOSED

PHS	PHS0073024	WATER SYSTEM FEE	FY03	0091010524	30-NOV-02	31-DEC-02	$150.00
PHS	PHS0073024	CORRECT NUMBER OF UNITS	FY03	1010524	19-DEC-02	19-JAN-03	$35.88
PHS	SC2305-001	LATE FEE FOR PHS0073024		0091010524	10-JAN-03	10-JAN-03	$7.50
PHS	SC2306-002	LATE FEE FOR PHS0073024		0091010524	10-FEB-03	10-FEB-03	$7.50
PHS	SC2306-001	LATE FEE FOR PHS0073024		1010524	10-FEB-03	10-FEB-03	$1.79
PHS	SC2307-002	LATE FEE FOR PHS0073024		0091010524	10-MAR-03	10-MAR-03	$.66
PHS	SC2307-001	LATE FEE FOR PHS0073024		1010524	10-MAR-03	10-MAR-03	$1.79
PHS	SC2308-002	LATE FEE FOR PHS0073024		0091010524	10-APR-03	10-APR-03	$.66
PHS	SC2308-001	LATE FEE FOR PHS0073024		1010524	10-APR-03	10-APR-03	$.16

Total of delinquent transactions (Account): $205.94

Total of delinquent transactions (Customer): $205.94

Customer Name: PINE BOUGH PUD
Account #: 89961020 Debtcollpath Stage: Calls: NOTES

RAF	RAF0013210	REGULATORY ASMT	FY23	P1020	28-FEB-23	31-MAR-23	$4.79

Total of delinquent transactions (Account): $4.79

Total of delinquent transactions (Customer): $4.79

Customer Name: PINE OAK FOREST WATER
Account #: 91010751 Debtcollpath Stage: AGENCY:REFERRED Calls:

PHS	PHS0173559	WATER SYSTEM FEE	FY18	1010751	30-NOV-17	31-DEC-17	$176.71
PHS	SC00215118	LATE FEE - DEC 2017			10-DEC-17	10-DEC-17	$.16
PHS	SC00216863	LATE FEE - JAN 2018			10-JAN-18	10-JAN-18	$10.16
PHS	SC00219068	LATE FEE - FEB 2018			10-FEB-18	10-FEB-18	$10.19
PHS	SC00221560	LATE FEE - MAR 2018			10-MAR-18	10-MAR-18	$1.11
PHS	SC00223357	LATE FEE - APR 2018			10-APR-18	10-APR-18	$1.11
PHS	SC00224696	LATE FEE - MAY 2018			10-MAY-18	10-MAY-18	$1.11

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

Pilgrim's Pride Corporation (CN601276660) opera la planta de tratamiento de aguas residuales de Pilgrim's Pride Southwest RN102184041, una planta de tratamiento de aguas residuales que trata las aguas residuales industriales de las operaciones de procesamiento de aves y varias residencias privadas. La instalación está ubicada en 664 FM 127 W, en Mt. Pleasant, condado de Titus, Texas 75455. Esta solicitud es para renovar el permiso de aguas residuales W0003017000 para descargar 3,500,000 galones por día de efluentes tratados a través del Outfall 001.

Se espera que las descargas de la instalación contengan contaminantes enumerados en 40 CFR Part 432, que incluyen: demanda bioquímica de oxígeno de 5 días, coliformes fecales, aceite y grasa, sólidos suspendidos totales, amoníaco, nitrógeno total, pH y temperatura. Los posibles contaminantes adicionales de esta descarga se incluyen en el Industrial Wastewater Application Technical Report, Worksheet 2.0. Las aguas residuales tratadas en esta instalación son una combinación de aguas residuales de proceso de las operaciones de conversión (rendimiento) de proteínas y primer procesamiento de aves de corral junto con descargas de aguas pluviales industriales de estas operaciones y aguas residuales sanitarias de una pequeña cantidad de residencias privadas. Las aguas residuales de estas fuentes son tratadas mediante procesos físicos/químicos y biológicos de tratamiento de aguas residuales.

INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
3. Choose "operates" in this section for existing facility applications or choose "proposes to operate" for new facility applications.
4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
6. Choose the appropriate article (a or an) to complete the sentence.
7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
8. Choose "is" for an existing facility or "will be" for a new facility.
9. Enter the location of the facility in this section.
10. Enter the City nearest the facility in this section.
11. Enter the County nearest the facility in this section.
12. Enter the zip code for the facility address in this section.

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Water Quality Applications Team

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

This template is a guide to assist applicant's in developing a plain language summary as required by 30 Texas Administrative Code Chapter 39 Subchapter H. Applicant's may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

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

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

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

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

Pilgrim's Pride Corporation (CN601276660) operates the Pilgrim's Pride Southwest Wastewater Treatment Plant RN102184041, a wastewater treatment plant treating industrial wastewater from poultry processing operations and a number of private residences. The facility is located at 664 FM 127 W, in Mt. Pleasant, Titus County, Texas 75455. This application is for a renewal of Wastewater Permit W0003017000 to discharge 3,500,000 gallons per day of treated effluent via Outfall 001.

Discharges from the facility are expected to contain pollutants listed in 40 CFR Part 432 including: 5-day biochemical oxygen demand, fecal coliform, oil and grease, total suspended solids, ammonia, total nitrogen, pH, and temperature. Additional potential pollutants from this discharge are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.Wastewater treated at this facility consists of a combination of process wastewaters from poultry first and further processing and protein conversion (rendering) operations along with industrial stormwater discharges from these operations and sanitary wastewater from a small number of private residences. Wastewater from these sources is treated by initial screening, biological treatment via anaerobic, anoxic/oxic, and aeration basins/lagoons, final clarification, tertiary filtration, chlorination, and dechlorination prior to discharge.

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

AGUAS RESIDUALES INDUSTRIALES/AGUAS PLUVIALES

Water Quality Receipt Report

JUN-01-23 09:00 PM

Paid In By: PERMITTING SERVICES LLC

Acct.Name	Fee	Endorse. #	Ref#2	PayTyp	Check#	Card#	Tran.Date	Rec.Amnt
WATER QUALITY PERMIT APPLICATION	WQP	M217516A	15545001	CK	1503		25-MAY-22	-$300.00
NOTICE FEES WQP WATER QUALITY PMT	PTGQ	N217516B	15545001	CK	1503		25-MAY-22	-$15.00
WATER QUALITY PERMIT APPLICATION	WQP	M310268A	10181002	CK	1504		25-JAN-23	-$1200.00
NOTICE FEES WQP WATER QUALITY PMT	PTGQ	M310268B	10181002	CK	1504		25-JAN-23	-$15.00
WATER QUALITY PERMIT APPLICATION	WQP	M316972A	1002001	CK	1566		30-MAY-23	-$800.00
WATER QUALITY PERMIT APPLICATION	WQP	M316971A		CK	1567		30-MAY-23	-$300.00
NOTICE FEES WQP WATER QUALITY PMT	PTGQ	M316971B		CK	1567		30-MAY-23	-$50.00
NOTICE FEES WQP WATER QUALITY PMT	PTGQ	M316972B	1002001	CK	1566		30-MAY-23	-$15.00

Paid In By: PETITT & ASSOCIATES LLC

Acct.Name	Fee	Endorse. #	Ref#2	PayTyp	Check#	Card#	Tran.Date	Rec.Amnt
WATER QUALITY PERMIT APPLICATION	WQP	M220548	14803001	CK	7648		22-AUG-22	-$1500.00

Paid In By: PFLUGERVILLE, CITY OF

Acct.Name	Fee	Endorse. #	Ref#2	PayTyp	Check#	Card#	Tran.Date	Rec.Amnt
WATER QUALITY PERMIT APPLICATION	WQP	M208530A	11845005	CK	258104		06-JAN-22	-$100.00
NOTICE FEES WQP WATER QUALITY PMT	PTGQ	M208530B	11845005	CK	258104		06-JAN-22	-$50.00

Paid In By: PHAU LOCKHART 450 LLC

Acct.Name	Fee	Endorse. #	Ref#2	PayTyp	Check#	Card#	Tran.Date	Rec.Amnt
WATER QUALITY PERMIT APPLICATION	WQP	M211444A		CK	5010		02-FEB-22	-$1200.00
NOTICE FEES WQP WATER QUALITY PMT	PTGQ	M211444B		CK	5010		02-FEB-22	-$50.00

Paid In By: PILGRIMS

Acct.Name	Fee	Endorse. #	Ref#2	PayTyp	Check#	Card#	Tran.Date	Rec.Amnt
WATER QUALITY PERMIT APPLICATION	WQP	M314357A	0301700	CK	4235943		27-MAR-23	-$2000.00
NOTICE FEES WQP WATER QUALITY PMT	PTGQ	M314357B	0301700	CK	4235943		27-MAR-23	-$15.00
NOTICE FEES WQP WATER QUALITY PMT	PTGQ	M316091	03017000	CK	4247559		01-MAY-23	-$35.00

Paid In By: PINE QUEST LTD

Acct.Name	Fee	Endorse. #	Ref#2	PayTyp	Check#	Card#	Tran.Date	Rec.Amnt
WATER QUALITY PERMIT APPLICATION	WQP	M303344A		CK	71		14-NOV-22	-$1200.00
NOTICE FEES WQP WATER QUALITY PMT	PTGQ	M303344B		CK	71		14-NOV-22	-$50.00

Look Up a ZIP Code™ FAQs (https://www.usps.com/faqs.htm)

Go to

ZIP Code™ by Address

You entered:

1770 PROMONTORY CIRCLE
GREELEY CO

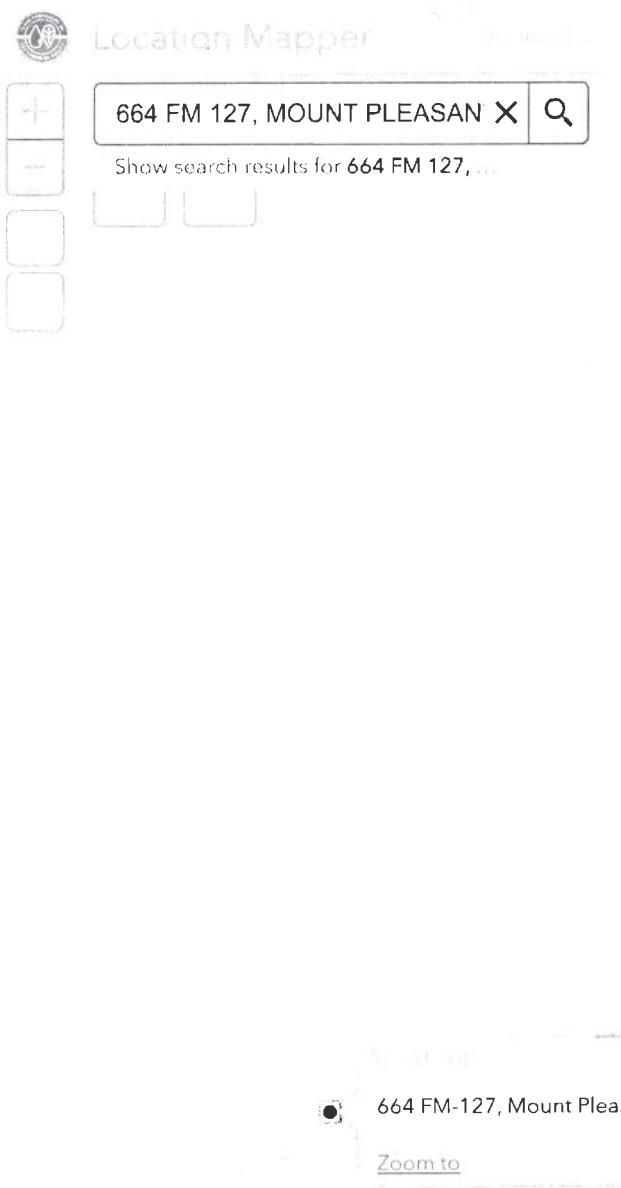
If more than one address matches the information provided, try narrowing your search by entering a street address and, if applicable, a unit number. **Edit and search again. (zip-code-lookup.htm?byaddress)**

1770 PROMONTORY CIR
GREELEY CO **80634-9039**

Look Up Another ZIP Code™

Edit and Search Again (/zip-code-lookup.htm?byaddress)

Feedback


Location Mapper
664 FM 127, MOUNT PLEASAN
Show search results for 664 FM 127, ...
664 FM-127, Mount Pleasant, TX, 75455, USA
Zoom to
100ft

Receiving Water Assessment Determination Form for new and amended TPDES permit applications

Submit to Standards Implementation Team for review.

WQ Permit Number 03017-000

Applicant Pilgrim's Pride Corp.

Region 5

County Titus

() New Application **(X) Major Amendment**

Discharge route for 1 (one) mile from point of discharge does contain water affected by tidal?

() Yes **(X) No**

Receiving Water Assessment Required **() Yes** **(X) No**

Segment 0404

Discharge route description: to Tankersley Creek, thence to Big Cypress Creek Below Lake Bob Sandlin (Seg. 0404).

Additional Comments Tankersley Creek is perennial per App. D. See previous review. Amending to reduce sampling frequency of CBOD, TSS, BOD, ammonia, TN, conductivity, oil and grease, and *E. coli*.

Outfall: previously plotted, no change.

Discharge map and Landowner list/map and labels are complete.

M. A. Wallace, PhD; 5/4/23

IINDUSTRIAL/MUNICIPAL APPLICATIONS ROUTE SHEET

New_____

Major Amend X

Minor Amend___

Renewal X

Major Facility___

Application Reviewer ✓ ***Technical Reviewer***__ __

Final Flow ≥ ***1MGD***____

DATE APPLICATION RECEIVED 05/01/2023

PERMIT NUMBER 0003017000

PRE PREVIEW BY STANDARDS (RWA) 05/01/23 **N/A**_____
Route original application of new and major amendments, discharge only. The original application must be returned to the applications team within 4 hours of receipt.

PRE PREVIEW BY GROUNDWATER _____ **N/A** X
TLAP Only: Route copy of new and major amend.

PRE TECH REVIEW REQUIRED _____ **N/A** X
Route copy of new, major amendments, major facilities or final flow ≥ 1MGD for Municipal.

COASTAL ZONE DETERMINATION _____ **N/A** X
Route copy of new application or major amendment when the facility is located in the noted county

COMMENTS ARE DUE TO APPLICATIONS TEAM BY CLOSING ON 05/10/2023

PRE TECH REVIEW PERFORMED BY_____

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

Coastal Zone Determination

(To Be Verified Upon Receipt Of The Application)

Permit Number 0003017000 **County** Titus

Indicate Type of Application:

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

Is the facility on the Coastal Zone list?

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

☒ NO (Do not include statement in any notice)

☐ **New** ☐ **Major Amendment**

Is the facility located in one of the following counties?

☐ Aransas	☐ Galveston	☐ Kleberg	☐ San Patricio
☐ Brazoria	☐ Harris	☐ Matagorda	☐ Victoria
☐ Calhoun	☐ Jackson	☐ Nueces	☐ Willacy
☐ Cameron	☐ Jefferson	☐ Orange	
☐ Chambers	☐ Kenedy	☐ Refugio	

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

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

Water Quality Assessment Team's determination:

Is the discharge in the Coastal Zone?

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

☐ NO Do not include statement in the Admin Complete Notice

Return to Applications Team by _____

TCEQ Core Data Form

TCEQ Use Only

For detailed instructions regarding completion of 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.*)

☐ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☒ Renewal (*Core Data Form should be submitted with the renewal form*) ☐ 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 600130926		RN 102184041

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership

☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

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).

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: ☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited

Government: ☐ City ☐ County ☐ Federal ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees ☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated? ☐ Yes ☐ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☒ Owner ☐ Operator ☐ Owner & Operator

☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:

15. Mailing Address:

City		State		ZIP		ZIP + 4	

16. Country Mailing Information (if outside USA)	17. E-Mail Address (if applicable)

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
( ) -		( ) -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (*If 'New Regulated Entity" is selected below this form should be accompanied by a permit application*)

☐ New Regulated Entity ☒ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

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

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

Pilgrim's Pride Southwest Wastewater Treatment Plan

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Water Quality Applications Team

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	FM 127 West							
	City	Mt. Pleasant	**State**	TX	**ZIP**	75455	**ZIP + 4**	
24. County								

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	On the north side of FM 127 approximately 0.25 miles west of intersection of FM 127 and HWY 271.

26. Nearest City	**State**	**Nearest ZIP Code**
Mt. Pleasant	TX	75455

27. Latitude (N) In Decimal:	33.138889		**28. Longitude (W) In Decimal:**	-94.995556	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
33	8	20	94	59	44

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)
2015	2077	311615	311613

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

Wastewater treatment operations of discharges from poultry processing operations (SIC codes 2015 and 2077). Note that the SIC code for the Southwest Wastewater Treatment Plant is 4952.

34. Mailing Address:	**501 N. Madison**							
	City	**Mt. Pleasant**	**State**	**TX**	**ZIP**	**75455**	**ZIP + 4**	
35. E-Mail Address:								

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

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☒ Industrial Hazardous Waste
				31649
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☒ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
	TXR05EY85			
☐ Voluntary Cleanup	☒ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0003017000			

SECTION IV: Preparer Information

40. Name:	Jacob Cochran	**41. Title:**	Project Engineer

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(770) 844-0037		( ) -	jcochran@wheeinc.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:	City of Mount Pleasant	**Job Title:**	City Mayor

Name *(In Print)*:	Tracy Craig, SR.	**Phone:**	(903) 575- **8436**
Signature:	Tracy Craig Sr.	**Date:**	4/27/202:

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Water Quality Applications Team

April 28, 2023

Executive Director
Applications Review and Processing Team, MC-148
Texas Commission on Environmental Quality
12100 Park 35 Circle
Austin, Texas 78753

Re: TPDES Permit Major Amendment with Renewal Application
Pilgrim's Pride Southwest Wastewater Treatment Plant (RN102184041)
Mt. Pleasant, Titus County, Texas
TPDES Permit WQ0003017000

Dear Director:

Please find attached as required a TPDES permit major amendment with renewal application (one unbound original application and two copies as required) for TPDES Permit WQ0003017000 which is set to expire November 19, 2023. **A major amendment request is being made with this permit renewal application to reduce the required sampling frequency of certain parameters. Additional details relating to this request are contained herein.**

Included with this application are the required forms and associated attachments necessary for the completed application, including:

- Industrial Administrative Form 1.0
- TCEQ Core Data Form for the Pilgrim's Pride Corporation
- TCEQ Core Data Form for the City of Mount Pleasant
- Public Involvement Plan Form
- Technical Report 1.0 – Industrial (and associated required worksheets).

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A check for $2,015 has already been submitted to and accepted by the TCEQ to cover the permit renewal fee (check no. 4235943). An additional $35 check is included with this application to cover the remaining balance required to satisfy the major amendment application fee of $2,050. An electronic version of the application has also been uploaded to the WQD FTP Site.

If you have any questions concerning the attached permit application and information or need further assistance, contact me at Tyson.Clark@pilgrims.com or 903-575-3176 or Jacob Cochran with Woodruff and Howe Environmental Engineering, Inc. (WHEE) at jcochran@wheeinc.com or 770-844-0037.

Thank You,

Pilgrim's Pride Corporation

Tyson Clark, Complex Environmental Manager

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tel +903 575 3507
www.pilgrims.com

P.O. Box 1268
Mt. Pleasant, TX 75456

Dykes, Joleeanna

From: Clark, Tyson
Sent: Thursday, April 27, 2023 1:04 PM
To: Dykes, Joleeanna
Subject: Fwd: WQ000301700 permit

Please print this email and put on my desk

Get Outlook for iOS

From: Holsopple, Joanna <Joanna.Holsopple@jbssa.com>
Sent: Thursday, April 27, 2023 10:06:40 AM
To: Clark, Tyson <Tyson.Clark@pilgrims.com>
Subject: WQ000301700 permit

Check number 4235943 for $2015.00 sent to Austin office

Check number 4247559 for $35.00 sent to Austin office

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NPDES Permit Renewal Application

NPDES Permit No. WQ0003017000

Pilgrim's Pride Corporation
Mount Pleasant Southwest Wastewater Treatment Plant

Mount Pleasant, Texas
Titus County

April 12, 2023

Prepared by
Woodruff & Howe Environmental Engineering, Inc.
4405 Canton Hwy, Suite 100
Cumming, Georgia 30040
(770) 844-0037

WHEE
WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.

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- Worksheet 2.0
- Worksheet 4.0
- Worksheet 7.0

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Figure 3 – Mt. Pleasant WW Plant
Figure 4 – Pilgrim's Mt. Pleasant Poultry Complex Facility Map
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Attachments
Attachment A – Long Term Lease Agreement
Attachment B – Photographs of Structures Older than 50 Years
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Attachment F – TCEQ Sampling Waiver Request Approval
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General Information

Pilgrim's Pride Corporation (Pilgrim's) operates a wastewater treatment plant in Mount Pleasant, Texas. The majority of the wastewater treated in this wastewater treatment plant is generated at a nearby Pilgrim's owned poultry processing complex (also known as the NETEX – Northeast Texas Complex). This poultry processing complex includes two poultry first processing plants (East and West Plants), a poultry further processing plant, a rendering/pet food plant, a truck/fleet maintenance shop, and wastewater pretreatment operations. Approximately 65 nearby residences also discharge sanitary wastewater to the wastewater treatment. The property and wastewater treatment plant itself are owned by the City of Mount Pleasant. However, Pilgrim's Pride Corporation has an extended lease agreement with the City of Mount Pleasant to manage and operate the treatment plant to aid in the operation of the nearby poultry processing complex. This facility and the associated direct discharge have been operational since the 1950's, and various plant modifications and upgrades to the wastewater treatment system have occurred over the years.

Wastewater and limited stormwater impacted by industrial activities is treated via pretreatment operations (initial screening and oil and grease removal via dissolved air floatation) at the poultry processing complex before being conveyed via underground piping to the headworks of the treatment plant where it is comingled with sanitary wastewater from nearby residences. Sanitary wastewater from the NETEX Complex is also discharged to the treatment plant. Wastewater is treated at the treatment plant via a combination of physical/chemical and biological processes to remove various pollutants from the water before discharging via wastewater outfall 001 into Tankersley Creek, which is located immediately to the west of the treatment plant.

During the treatment process, biosolids/sludge is generated, and this sludge is first aerobically digested onsite and then passed through a belt press onsite to aid in the solidification of the sludge. This pressed sludge is then hauled offsite by a properly permitted biosolids hauler and land applied on properly permitted agricultural properties by the biosolids hauler for beneficial use.

This permit application is being submitted to renew TDPES Permit No. WQ0003017000. The current permit is set to expire on November 19, 2023. **This permit application is also being submitted to request a reduction in the sampling frequency of the following parameters from three (3) times/week to one (1) time/week: CBOD5, TSS, BOD5, ammonia, total nitrogen, conductivity, oil and grease, and E. coli. This request is being made to ease the financial/economic and labor-related burdens this additional sampling places on the Facility while also ensuring sampling is conducted at a frequency that will ensure the Facility remains in compliance with permit limits.** Modifying the sampling frequency is generally considered a "major amendment." More details regarding why this request is being made are contained herein.

The Complex utilizes boilers for steam and hot water production. Boiler blowdown is generated and is discharged to the NETEX pretreatment systems prior to being conveyed to the Southwest Wastewater Treatment Plant for treatment and then discharged at the Outfall. Cooling water is used, which is potable water from the City of Mt. Pleasant, in cooling towers and condensers onsite at the NETEX Complex. This water is also conveyed through the NETEX pretreatment systems prior to discharging to the Southwest Wastewater Treatment Plant prior to discharging at the Outfall. Boiler blowdown and cooling water constitute a small percentage of overall wastewater flow as shown herein.

INDUSTRIAL ADMINISTRATIVE REPORT 1.0

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Water Quality Applications Team

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

TCEQ INDUSTRIAL WASTEWATER PERMIT APPLICATION

INDUSTRIAL ADMINISTRATIVE REPORT 1.0

This report is required for all applications for TPDES permits and TLAPs. Contact the Applications Review and Processing Team at 512-239-4671 with any questions about completing this report

Item 1. Application Information and Fees (Instructions, Page 26)

a. Complete each field with the requested information, if applicable.

Applicant Name: Pilgrim's Pride Corporation EPA ID No.: TX00062936

Permit No.: WQ0003017000 Expiration Date: 11/19/2023

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

☒ Industrial Wastewater (wastewater and stormwater)

☐ Industrial Stormwater (stormwater only)

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

☒ Active ☐ Inactive

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Water Quality Applications Team

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

☒ TPDES Permit ☐ TLAP

e. Check the box next to the appropriate application type.

☐ New

☐ Renewal with changes ☐ Renewal without changes

☒ Major amendment with renewal ☐ Major amendment without renewal

☐ Minor amendment without renewal ☐ Minor modification without renewal

f. If applying for an amendment or modification, describe the request: This permit application is also being submitted to request a reduction in the sampling frequency of the following parameters from three (3) times/week to one (1) time/week: CBOD5, TSS, BOD5, ammonia, total nitrogen, conductivity, oil and grease, and E. coli. This request is being made to ease the financial/economic and labor-related burdens this additional sampling places on the Facility while also ensuring sampling is conducted at a frequency that will ensure the Facility remains in compliance with permit limits.

g. Application Fee

EPA Classification	New	Major Amend. (with or without renewal)	Renewal (with or without changes)	Minor Amend. / Minor Mod. (without renewal)
Minor facility not subject to EPA categorical effluent guidelines (*40 CFR Parts 400-471*)	☐ $350	☐ $350	☐ $315	☐ $150
Minor facility subject to EPA categorical effluent guidelines (*40 CFR Parts 400-471*)	☐ $1,250	☐ $1,250	☐ $1,215	☐ $150

EPA Classification	New	Major Amend. (with or without renewal)	Renewal (with or without changes)	Minor Amend. / Minor Mod. (without renewal)
Major facility	N/A [1]	☒ $2,050	☐ $2,015	☐ $450

For TCEQ Use Only

Segment Number 0404 County Titus
Expiration Date 11/19/2023 Region 05-Tyler
Permit Number 0003017000

h. Payment Information

Mailed

Check or money order No.: 4235943 ($2,015 check); $35 check no. will be provided to TCEQ at a later date Check or money order amt.: $2,015 and $35

Named printed on check or money order: Texas Commission on Environmental Quality - Financial Administration Division

Epay

Voucher number: NA Copy of voucher attachment: NA

Item 2. Applicant Information (Instructions, Pages 26)

a. Customer Number, if applicant is an existing customer: CN601276660

Note: Locate the customer number using the TCEQ's Central Registry Customer Search[2].

b. Legal name of the entity (applicant) applying for this permit: Pilgrim's Pride Corporation

Note: The owner of the facility must apply for the permit. The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

☒ Mr. ☐ Ms. First/Last Name: Raphael Boyd

Title: Complex Manager Credential: Click to enter text.

d. Will the applicant have overall financial responsibility for the facility?

☒ Yes ☐ No

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 3. Co-applicant Information (Instructions, Page 27)

☐ Check this box if there is no co-applicant.; otherwise, complete the below questions.

a. Legal name of the entity (co-applicant) applying for this permit: City of Mount Pleasant

Note: The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

[1] All facilities are designated as minors until formally classified as a major by EPA.

[2] https://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch

b. Customer Number (if applicant is an existing customer): CN600130926

Note: Locate the customer number using the TCEQ's Central Registry Customer Search.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

☐ Mr. ☐ Ms. First/Last Name: Tracy Craig, Sr.

Title: City Mayor Credential: Click to enter text.

d. Will the co-applicant have overall financial responsibility for the facility?

☐ Yes ☒ No

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 4. Core Data Form (Instructions, Pages 27)

a. Complete one Core Data Form (TCEQ Form 10400) for each customer (applicant and co-applicant(s)) and include as an attachment. If the customer type selected on the Core Data Form is Individual, complete Attachment 1 of the Administrative Report. Attachment: Pilgrim's Pride Corporation Core Data Form and City of Mount Pleasant Core Data Form

Item 5. Application Contact Information (Instructions, Page 27)

Provide names of two individuals who can be contact for additional information about this application. Indicate if the individual can be contact about administrative or technical information, or both.

a. ☒ Administrative Contact . ☒ Technical Contact

☒ Mr. ☐ Ms. Full Name (First and Last): Tyson Clark

Title: Complex Environmental Manager Credential: Click to enter text.

Organization Name: Pilgrim's Pride Corporation

Mailing Address: P.O. Box 1268

City: Mt. Pleasant State: Texas Zip Code: 75456

Phone No: (903) 575-3176 Fax No: Click to enter text. Email: Tyson.Clark@pilgrims.com

b. ☒ Administrative Contact . ☒ Technical Contact

☒ Mr. ☐ Ms. Full Name (First and Last): Jacob Cochran

Title: Project Engineer Credential: EIT

Organization Name: Woodruff & Howe Environmental Engineering, Inc.

Mailing Address: 4405 Canton Hwy

City: Cumming State: GA Zip Code: 30040

Phone No: (770) 844-0037 Fax No: Click to enter text. Email: jcochran@wheeinc.com

Attachment: Click to enter text.

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Item 6. Permit Contact Information (Instructions, Pages 28)

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

a. ☒ Mr. ☐ Ms. Full Name (First and Last): Tyson Clark

Title: Complex Environmental Manager Credential: Click to enter text.

Organization Name: Pilgrim's Pride Corporation

Mailing Address: P.O. Box 1268

City: Mt. Pleasant State: Texas Zip Code: 75456

Phone No: (903) 575-3176 Fax No: Click to enter text. Email: Tyson.Clark@pilgrims.com

b. ☒ Mr. ☐ Ms. Full Name (First and Last): Raphael Boyd

Title: Complex Manager Credential:

Organization Name: Pilgrim's Pride Corporation

Mailing Address: P.O. Box 1268

City: Mt. Pleasant State: Texas Zip Code: 75456

Phone No: (770) 844-0037 Fax No: Click to enter text. Email: raphael.boyd@pilgrims.com

Attachment:

Item 7. Billing Contact Information (Instructions, Page 28)

The permittee is responsible for paying the annual fee. The annual fee will be assessed for 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 (form TCEQ-20029).

Provide the complete mailing address where the annual fee invoice should be mailed and the name and phone number of the permittee's representative responsible for payment of the invoice.

☒ Mr. ☐ Ms. Full Name (First and Last): Tyson Clark

Title: Complex Environmental Manager Credential: Click to enter text.

Organization Name: Pilgrim's Pride Corporation

Mailing Address: P.O. Box 1268

City: Mt. Pleasant State: Texas Zip Code: 75456

Phone No: (903) 575-3176 Fax No: Click to enter text. Email: Tyson.Clark@pilgrims.com

Item 8. DMR/MER Contact Information (Instructions, Page 28)

Provide the name and mailing address of the person delegated to receive and submit DMRs or MERs. **Note:** DMR data must be submitted through the NetDMR system. An electronic reporting account can be established once the facility has obtained the permit number.

☒ Mr. ☐ Ms. Full Name (First and Last): Tyson Clark

Title: Complex Environmental Manager Credential: Click to enter text.

Organization Name: Pilgrim's Pride Corporation

Mailing Address: P.O. Box 1268

City: Mt. Pleasant State: Texas Zip Code: 75456

Phone No: (903) 575-3176 Fax No: Click to enter text. Email: Tyson.Clark@pilgrims.com

Item 9. NOTICE INFORMATION (Instructions, Pages 28

a. Individual Publishing the Notices

☒ Mr. ☐ Ms. Full Name (First and Last): Tyson Clark

Title: Complex Environmental Manager Credential: Click to enter text.

Organization Name: Pilgrim's Pride Corporation

Mailing Address: P.O. Box 1268

City: Mt. Pleasant State: Texas Zip Code: 75456

Phone No: (903) 575-3176 Fax No: Click to enter text. Email: Tyson.Clark@pilgrims.com

b. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package (only for NORI, NAPD will be sent via regular mail)

☒ E-mail: Tyson.Clark@pilgrims.com

☐ Fax: Click to enter text.

☐ Regular Mail (USPS)

Mailing Address: Click to enter text.

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

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c. Contact in the Notice

☒ Mr. ☐ Ms Full Name (First and Last): Tyson Clark

Title: Complex Environmental Manager Credential: Click to enter text.

Organization Name: Pilgrim's Pride Corporation

Phone No: (903) 575-3176 Fax No: Click to enter text. Email: Tyson.Clark@pilgrims.com

d. Public Viewing Location Information

Note: If the facility or outfall is located in more than one county, provide a public viewing place for each county.

Public building name: City of Mt. Pleasant, TX Public Library Location within the building: Reference Table

Physical Address of Building: 601 North Madison Avenue

City: Mt. Pleasant County: Titus

e. Bilingual Notice Requirements

This information is required for new, major amendment, and renewal applications. It is not required for minor amendment or minor modification 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 ☐ N/A (Minor amendment or modification)

   If no, publication of an alternative language notice is not required; skip to Item 8 (Regulated Entity and Permitted Site Information.)

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 ☐ N/A (Minor amendment or modification)

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

   ☐ Yes ☒ No ☐ N/A (Minor amendment or modification)

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 ☐ N/A (Minor amendment or modification)

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? Spanish

f. Plain Language Summary Template - Complete the Plain Language Summary at the end of this application.

Item 10. Regulated Entity and Permitted Site Information (Instructions Pages 29-30)

a. TCEQ issued Regulated Entity Number (RN), if available: RN102184041

Note: If your business site is part of a larger business site, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search the TCEQ's

Central Registry to determine the RN or to see if the larger site may already be registered as a Regulated Entity. If the site is found, provide the assigned RN.

b. Name of project or site (the name known by the community where located): Pilgrim's Pride Northeast Texas Complex WWTP (also known as the Pilgrim's Pride Southwest Wastewater Treatment Plant)

c. Is the location address of the facility in the existing permit the same?

☒ Yes ☐ No ☐ N/A (new permit)

Note: If the facility is located in Bexar, Comal, Hays, Kinney, Medina, Travis, Uvalde, or Williamson County, additional information concerning protection of the Edwards Aquifer may be required.

d. Owner of treatment facility:

☐ Mr. ☐ Ms. Full Name (First and Last): Click to enter text.

or Organization Name: City of Mount Pleasant

Mailing Address: 501 N. Madison

City: Mt. Pleasant State: Texas Zip Code: 75455

Phone No: (903) 575-4000 Fax No: Click to enter text. Email: mayor@mpcity.org

e. Ownership of facility: ☒ Public ☐ Private ☐ Both ☐ Federal

f. Owner of land where treatment facility is or will be: Click to enter text.

☐ Mr. ☐ Ms. Full Name (First and Last): Click to enter text.

or Organization Name: City of Mt. Pleasant Texas

Mailing Address: 501 N. Madison

City: Mount Pleasant State: Texas Zip Code: 75455

Phone No: (903) 575-4000 Fax No: Click to enter text. Email: mayor@mpcity.org

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years (In some cases, a lease may not suffice - see instructions). Attachment: Attachment A – Long Term Lease Agreement

g. Owner of effluent TLAP disposal site (if applicable): N/A

☐ Mr. ☐ Ms. Full Name (First and Last): Click to enter text.

or Organization Name: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No: Click to enter text. Fax No: Click to enter text. Email: Click to enter text.

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: Click to enter text.

h. Owner of sewage sludge disposal site (if applicable):

☐ Mr. ☐ Ms. Full Name (First and Last): Click to enter text.

or Organization Name: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No: Click to enter text. Fax No: Click to enter text. Email: Click to enter text.

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Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: Click to enter text.

Item 11. TDPES Discharge/TLAP Disposal Information (Instructions, Pages 31-32)

a. Is the facility located on or does the treated effluent cross Native American Land?

☐ Yes ☒ No

b. Attach an original full size USGS Topographic Map (or an 8.5"×11" reproduced portion for renewal or amendment applications) with all required information. Check the box next to each item below to confirm it has been included on the map.

☒ One-mile radius
☒ Applicant's property boundaries
☒ Labeled point(s) of discharge
☐ Effluent disposal site boundaries
☐ Sewage sludge disposal site
☒ Three-miles downstream information
☒ Treatment facility boundaries
☒ Highlighted discharge route(s)
☒ All wastewater ponds
☐ New and future construction

Attachment: Figure 1 - USGS Map

c. Is the location of the sewage sludge disposal site in the existing permit accurate?

☒ Yes ☐ No or New Permit

If no, or a new application, provide an accurate location description: Click to enter text.

d. Are the point(s) of discharge in the existing permit correct?

☒ Yes ☐ No or New Permit

If no, or a new application, provide an accurate location description: Click to enter text.

e. Are the discharge route(s) in the existing permit correct?

☒ Yes ☐ No or New Permit

If no, or a new permit, provide an accurate description of the discharge route: Click to enter text.

f. City nearest the outfall(s): Mt. Pleasant

g. County in which the outfalls(s) is/are located: Titus

h. 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, attach copies of letters that show proof of contact and provide the approval letter upon receipt. Attachment: Click to enter text.

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: NA

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

☐ Yes ☐ No or New Permit

If no, or a new application, provide an accurate location description: Click to enter text.

Item 13. SIGNATURE PAGE (Instructions, Pages 33-34)

Permit No: WQ0003017000

Applicant Name: Pilgrim's Pride Corporation

Certification: I, Raphael Boyd, 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): Raphael Boyd

Signatory title: Complex Manager

Signature: _____ Date: 4-27-23
(Use blue ink)

Subscribed and Sworn to before me by the said State of Texas

on this 27th day of April, 20 23.

My commission expires on the 16th day of October, 20 24.

Carmella Roberts
Notary Public

Titus
County, Texas

Carmella Anne Roderte
My Commission Expires
10/06/2024
ID No 132713401

[SEAL]

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

j. City nearest the disposal site: Click to enter text.

k. County in which the disposal site is located: Click to enter text.

l. Disposal Site Latitude: Click to enter text. Longitude: Click to enter text.

m. For TLAPs, describe how effluent is/will be routed from the treatment facility to the disposal site: Click to enter text.

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

Item 12. MISCELLANEOUS INFORMATION (Instructions, Page 33)

a. 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: Click to enter text.

b. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the account no.: Click to enter text. and total amount due: Click to enter text.

c. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, provide the enforcement order no.: Click to enter text. and amount due: Click to enter text.

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Item 13 SIGNATURE PAGE (Instructions, Pages 33-34)

Permit No: WQ0003017000

Applicant Name: Pilgrim's Pride Corporation

Certification: I, Tracy Craig, Sr., 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): Tracy Craig, Sr.

Signatory title: City of Mount Pleasant Mayor

Signature: Tracy Craig Sr (Use blue ink) Date: 4/27/2023

Subscribed and Sworn to before me by the said State of Texas

on this 27th day of April, 20 23.

My commission expires on the 6th day of October, 20 23.

Carmella Rodarte
Notary Public

Carmella Anne Rodarte
My Commission Expires
10/06/2024
ID No. 132713401

[SEAL]

Titus
County, Texas

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

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INDUSTRIAL ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

Item 1. AFFECTED LANDOWNER INFORMATION (Instructions, Pages 35-36)

a. Attach a landowner map or drawing, with scale, as applicable. Check the box next to each item to confirm it has been provided.

☒ 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 (e.g., irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property.

☐ The property boundaries of all landowners surrounding the applicant's property boundaries where the effluent disposal site is located.

☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners within one-quarter mile of 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 (e.g., sludge surface disposal site or sludge monofil) is located.

Attachment: Figure 7 - Landowner Map

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b. Check the box next to the format of the landowners list:

☐ Readable/Writeable CD ☒ Four sets of labels

Attachment: Attachment G - Adjacent Owner's Mailing Labels

d. Provide the source of the landowners' names and mailing addresses: Titus County Appraisal District

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.

Item 2. ORIGINAL PHOTOGRAPHS (Instructions, Page 37)

Provide original ground level photographs. Check the box next to each of the following items to indicate it is included.

☐ 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.

Attachment: Attachment H - Upstream and Downstream Photographs; Figure 3

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if mailing the payment. (Instructions, Page 37)

- 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 **Permit No:** WQ0003017000

1. Check or Money Order Number: 4235943 ($2,015 check); $35 check no. will be provided to TCEQ at a later date
2. Check or Money Order Amount: $2,015 and $35
3. Date of Check or Money Order:
4. Name on Check or Money Order: Texas Commission on Environmental Quality - Financial Administration Division
5. APPLICATION INFORMATION

   Name of Project or Site: Pilgrim's Pride Southwest Wastewater Treatment Plant

   Physical Address of Project or Site: 664 FM 127 West; Mt. Pleasant, TX, 75455

   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. Attachment: Click to enter text.

Staple Check or Money Order in This Space

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ATTACHMENT 1

INDIVIDUAL INFORMATION

Item 1. Individual information (Instructions, Page 38)

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., or Miss): Click to enter text.

Full legal name (first, middle, and last): 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 No.: Click to enter text.

Fax No.: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

Checklist of Common Deficiencies

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

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

☒ Correct and Current Industrial Wastewater Permit Application Forms
(TCEQ Form Nos. 10055 and 10411. Version dated 5/10/2019 or later.)

☒ Water Quality Permit Payment Submittal Form (Page 14)
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)

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



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

☐ N/A ☒ Landowners Map
(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.

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

☐ N/A ☒ Landowners Labels or CD-RW attached
(See instructions for landowner requirements.)

☒ Original signature per 30 TAC § 305.44 – Blue Ink Preferred
(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

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

This template is a guide to assist applicant's in developing a plain language summary as required by 30 Texas Administrative Code Chapter 39 Subchapter H. Applicant's may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

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

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

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

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

Pilgrim's Pride Corporation (CN601276660) operates the Pilgrim's Pride Southwest Wastewater Treatment Plant RN102184041, a wastewater treatment plant treating industrial wastewater from poultry processing operations and a number of private residences. The facility is located at 664 FM 127 W, in Mt. Pleasant, Titus County, Texas 75455. This application is for a renewal of Wastewater Permit W0003017000 to discharge 3,500,000 gallons per day of treated effluent via Outfall 001.

Discharges from the facility are expected to contain pollutants listed in 40 CFR Part 432 including: 5-day biochemical oxygen demand, fecal coliform, oil and grease, total suspended solids, ammonia, total nitrogen, pH, and temperature. Additional potential pollutants from this discharge are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.Wastewater treated at this facility consists of a combination of process wastewaters from poultry first and further processing and protein conversion (rendering) operations along with industrial stormwater discharges from these operations and sanitary wastewater from a small number of private residences. Wastewater from these sources is treated by initial screening, biological treatment via anaerobic, anoxic/oxic, and aeration basins/lagoons, final clarification, tertiary filtration, chlorination, and dechlorination prior to discharge.

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

AGUAS RESIDUALES INDUSTRIALES/AGUAS PLUVIALES

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

Pilgrim's Pride Corporation (CN601276660) opera la planta de tratamiento de aguas residuales de Pilgrim's Pride Southwest RN102184041, una planta de tratamiento de aguas residuales que trata las aguas residuales industriales de las operaciones de procesamiento de aves y varias residencias privadas. La instalación está ubicada en 664 FM 127 W, en Mt. Pleasant, condado de Titus, Texas 75455. Esta solicitud es para renovar el permiso de aguas residuales W0003017000 para descargar 3,500,000 galones por día de efluentes tratados a través del Outfall 001.

Se espera que las descargas de la instalación contengan contaminantes enumerados en 40 CFR Part 432, que incluyen: demanda bioquímica de oxígeno de 5 días, coliformes fecales, aceite y grasa, sólidos suspendidos totales, amoníaco, nitrógeno total, pH y temperatura. Los posibles contaminantes adicionales de esta descarga se incluyen en el Industrial Wastewater Application Technical Report, Worksheet 2.0. Las aguas residuales tratadas en esta instalación son una combinación de aguas residuales de proceso de las operaciones de conversión (rendimiento) de proteínas y primer procesamiento de aves de corral junto con descargas de aguas pluviales industriales de estas operaciones y aguas residuales sanitarias de una pequeña cantidad de residencias privadas. Las aguas residuales de estas fuentes son tratadas mediante procesos físicos/químicos y biológicos de tratamiento de aguas residuales.

INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
3. Choose "operates" in this section for existing facility applications or choose "proposes to operate" for new facility applications.
4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
6. Choose the appropriate article (a or an) to complete the sentence.
7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
8. Choose "is" for an existing facility or "will be" for a new facility.
9. Enter the location of the facility in this section.
10. Enter the City nearest the facility in this section.
11. Enter the County nearest the facility in this section.
12. Enter the zip code for the facility address in this section.

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13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
16. Choose the appropriate verb tense to complete the sentence.
17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Example

Individual Industrial Wastewater Application

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

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred as "previously monitored effluents" (low volume wastewater, metal cleaning waste, and stormwater (from diked oil storage area yards, and storm drains)) via Outfall 001. Low volume waste sources, metal cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low volume waste and metal cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility's potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam. Low volume wastewater from blowdown of boiler Units 1 and 2 and metal cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal cleaning waste from equipment cleaning is generally disposed of off-site.

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PILGIRM'S PRIDE CORPORATION CORE DATA FORM

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of 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.*)

☐ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☒ Renewal (*Core Data Form should be submitted with the renewal form*) ☐ 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 601276660		RN 102184041

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

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).

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: ☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees
☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☐ Yes ☐ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☐ Owner ☒ Operator ☐ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:

15. Mailing Address:

City		State		ZIP		ZIP + 4	

16. Country Mailing Information *(if outside USA)*	17. E-Mail Address *(if applicable)*

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
( ) -		( ) -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (*If 'New Regulated Entity" is selected below this form should be accompanied by a permit application*)

☐ New Regulated Entity ☒ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

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

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

Pilgrim's Pride Southwest Wastewater Treatment Plant

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23. Street Address of the Regulated Entity: ***(No PO Boxes)***	664 FM 127 West							
	City	Mt. Pleasant	**State**	TX	**ZIP**	75455	**ZIP + 4**	
24. County	Titus							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	On the north side of FM 127 approximately 0.25 miles west of intersection of FM 127 and HWY 271.

26. Nearest City	**State**	**Nearest ZIP Code**
Mt. Pleasant	TX	75455

27. Latitude (N) In Decimal:	33.138889		**28. Longitude (W) In Decimal:**	-94.995556	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
33	8	20	94	59	44

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)
2015	2077	311615	311613

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

Wastewater treatment operations of discharges from poultry processing operations (SIC codes 2015 and 2077). Note that the SIC code for the Southwest Wastewater Treatment Plant is 4952.

34. Mailing Address:	**P.O. Box 1268**							
	City	**Mt. Pleasant**	**State**	**TX**	**ZIP**	**75456**	**ZIP + 4**	

35. E-Mail Address:	**Tyson.Clark@pilgrims.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(903) 575-3976		( ) -

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☒ Industrial Hazardous Waste
				31649
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☒ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
	TXR05EY85			
☐ Voluntary Cleanup	☒ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0003017000			

SECTION IV: Preparer Information

40. Name:	Jacob Cochran	**41. Title:**	Project Engineer

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(770) 844-0037		( ) -	jcochran@wheeinc.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:	Pilgrim's Pride Corporation	**Job Title:**	NETEX Complex Manager

Name *(In Print)*:	Raphael Boyd	**Phone:**	(903) 575- 3221
Signature:		**Date:**	4-27-23

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CITY OF MOUNT PLEASANT CORE DATA FORM

PUBLIC INVOLVEMENT PLAN FORM

Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

☐ New Permit or Registration Application

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

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

Section 2. Secondary Screening

☒ Requires public notice,

☒ Considered to have significant public interest, **and**

☐ Located within any of the following geographical locations:

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

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

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

A Public Involvement Plan is not applicable to this application as the Facility is not located in any of the locations specified as requiring a Public Involvement Plan.

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Section 3. Application Information

Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V

Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire
☐ Radioactive Material Licensing ☐ Underground Injection Control

Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)

☐ Texas Land Application Permit (TLAP)

☐ State Only Concentrated Animal Feeding Operation (CAFO)

☐ Water Treatment Plant Residuals Disposal Permit

☐ Class B Biosolids Land Application Permit

☐ Domestic Septage Land Application Registration

Water Rights New Permit

☐ New Appropriation of Water

☐ New or existing reservoir

Amendment to an Existing Water Right

☐ Add a New Appropriation of Water

☐ Add a New or Existing Reservoir

☐ Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

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

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

(City)

(County)

(Census Tract)
Please indicate which of these three is the level used for gathering the following information.

☐ City ☐ County ☐ Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

(b) Per capita income for population near the specified location

(c) Percent of minority population and percent of population by race within the specified location

(d) Percent of Linguistically Isolated Households by language within the specified location

(e) Languages commonly spoken in area by percentage

(f) Community and/or Stakeholder Groups

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(g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

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

☐ Yes ☒ No

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

☐ Yes ☐ No

If Yes, please describe.

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

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

☐ Yes ☐ No

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

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

☐ Publish in alternative language newspaper
☐ Posted on Commissioner's Integrated Database Website
☐ Mailed by TCEQ's Office of the Chief Clerk
☐ Other (specify)

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

☐ TCEQ Regional Office ☐ TCEQ Central Office
☐ Public Place (specify)

Section 7. Voluntary Submittal

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

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

☐ Yes ☐ No

What types of notice will be provided?

☐ Publish in alternative language newspaper
☐ Posted on Commissioner's Integrated Database Website
☐ Mailed by TCEQ's Office of the Chief Clerk
☐ Other (specify)

TECHNICAL REPORT 1.0 INDUSTRIAL

TECHNICAL REPORT 1.0
INDUSTRIAL

The following information **is required** for all applications for a TLAP or an individual TPDES discharge permit.

For additional information or clarification on the requested information, refer to the Instructions for Completing the Industrial Wastewater Permit Application[1] available on the TCEQ website.

If more than one outfall is included in the application, provide applicable information for each individual outfall. **If an item does not apply to the facility, enter N/A** to indicate that the item has been considered. Include separate reports or additional sheets as **clearly cross-referenced attachments** and provide the attachment number in the space provided for the item the attachment addresses.

NOTE: This application is for an industrial wastewater permit only. Additional authorizations from the TCEQ Waste Permits Division or the TCEQ Air Permits Division may be needed.

1. FACILITY/SITE INFORMATION (Instructions, Pages 39-40)

a. Describe the general nature of the business and type(s) of industrial and commercial activities. Include all applicable SIC codes (up to 4).

Wastewater treatment operations of discharges from first and further poultry processing and rendering operations. SIC Codes: 4952 – Sewerage systems; 2015 – Poultry Slaughtering and Processing; 2099 – Food Preparations; 2077 – Animal and Marine Fats and Oils

b. Describe all wastewater-generating processes at the facility.

There are no significant wastewater generating activities at the wastewater treatment plant itself. Wastewater generating activities at the poultry processing complex include various activities relating to poultry fresh and further processing, including slaughter, bleeding, scalding, defeathering, whole bird wash, eviscerating, final bird wash, chilling, refrigeration, and packing. Wastewater is also generated in rendering/protein conversion activities and includes cooling water, decant water, condensate wastewater, stick water, and wastewater generated during byproducts conversion activities. Water utilized in sanitation/cleanup activities (from equipment, cage, etc. washdown) is also routed to wastewater and is generated from fresh and further poultry processing activities and rendering activities. Sanitary wastewater is also generated at the facility and is routed to the wastewater treatment system. Sanitary wastewater from 65 nearby residences is also discharged to the wastewater treatment system.

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[1] https://www.tceq.texas.gov/permitting/wastewater/industrial/TPDES_industrial_wastewater_steps.html

c. Provide a list of raw materials, major intermediates, and final products handled at the facility.

Materials List

Raw Materials	Intermediate Products	Final Products
Live broilers (chickens)		Edible poultry products for human consumption (both raw and cooked)
Poultry processing by-products		Protein meals and fats for animal feed ingredients

Attachment:

d. Attach a facility map (drawn to scale) with the following information:

- Production areas, maintenance areas, materials-handling areas, waste-disposal areas, and water intake structures.
- The location of each unit of the WWTP including the location of wastewater collection sumps, impoundments, outfalls, and sampling points, if significantly different from outfall locations.

Attachment: Figure 3 – Mt. Pleasant WW Plant and Figure 4 - Pilgrim's Mt. Pleasant Poultry Complex Facility Map

e. Is this a new permit application for an existing facility?

☐ Yes ☒ No

If **yes**, provide background discussion:

f. Is/will the treatment facility/disposal site be located above the 100-year frequency flood level.

☐ Yes ☒ No

List source(s) used to determine 100-year frequency flood plain: FEMA National Flood Hazard Layer Map 48449C0265D

If **no**, provide the elevation of the 100-year frequency flood plain and describe what protective measures are used/proposed to prevent flooding (including tail water and rainfall run-on controls) of the treatment facility and disposal area: - The elevation of the 100-year frequency flood plain is approximately 325 feet. Levees at the facility are constructed at elevations above the 100-year frequency flood plain (at heights of 330-337 feet) such that 100-year flood events would not overtop the levees and flow into the wastewater treatment system/ponds.

Attachment: Figure 5 – Topography and Treatment System Layout

g. For **new** or **major amendment** permit applications, will any construction operations result in a discharge of fill material into a water in the state?

☐ Yes ☒ No ☐ N/A (renewal only)

h. If **yes** to Item 1.g, has the applicant applied for a USACE CWA Chapter 404 Dredge and Fill permit?

☐ Yes ☐ No

If **yes**, provide the permit number:

If **no**, provide an approximate date of application submittal to the USACE:

2. TREATMENT SYSTEM (Instructions, Page 40)

a. List any physical, chemical, or biological treatment process(es) used/proposed to treat wastewater at this facility. Include a description of each treatment process, starting with initial treatment and finishing with the outfall/point of disposal.

Process and sanitary wastewater from the East and West Poultry Processing Plants, Further Processing Plant, and Rendering Plant is combined with boiler and cooling tower blowdown at the Pilgrim's Mt. Pleasant Poultry Processing Complex. This facility has a wastewater pretreatment system that consists of primary and secondary screens followed by a dissolved air floatation system primarily designed to remove solids and oil and grease. Pretreated wastewater from the processing complex is then piped to the headworks of the Southwest Wastewater Treatment Plant. Sanitary wastewater from approximately 65 residences in the area is also conveyed to the headworks of the Southwest Wastewater Treatment Plant. The influent wastewater to the wastewater plant is screened at the headworks and conveyed to a biological system consisting of an anaerobic lagoon, oxic/anoxic activated sludge basin, primary clarifier, biotower (trickling filter), and aeration basin. From the aeration basin water is conveyed to a set of final clarifiers before receiving final treatment through a tertiary filtration system and a chlorination/ dechlorination system. Treated wastewater is then discharged to the receiving stream (i.e., Tankersley Creek).

b. Attach a flow schematic **with a water balance** showing all sources of water and wastewater flow into the facility, wastewater flow into and from each treatment unit, and wastewater flow to each outfall/point of disposal.

Attachment: Figure 6 – Wastewater Flow Schematic

3. IMPOUNDMENTS (Instructions, Pages 40-42)

Does the facility use or plan to use any wastewater impoundments (e.g., lagoons or ponds?)

☒ Yes ☐ No

If **no**, proceed to Item 4. If **yes**, complete **Item 3.a** for **existing** impoundments and **Items 3.a - 3.e** for **new or proposed** impoundments. **NOTE:** See instructions, Pages 40-42, for additional information on the attachments required by Items 3.a – 3.e.

a. Complete the table with the following information for each existing, new, or proposed impoundment:

Use Designation: Indicate the use designation for each impoundment as Treatment (**T**), Disposal (**D**), Containment (**C**), or Evaporation (**E**).

Associated Outfall Number: Provide an outfall number if a discharge occurs or will occur.

Liner Type: Indicate the liner type as Compacted clay liner (**C**), In-situ clay liner (**I**), Synthetic/plastic/rubber liner (**S**), or Alternate liner (**A**). **NOTE:** See instructions for further detail on liner specifications. If an alternate liner (A) is selected, include an attachment that provides a description of the alternate liner and any additional technical information necessary for an evaluation.

Leak Detection System: If any leak detection systems are in place/planned, enter **Y** for yes. Otherwise, enter **N** for no.

Groundwater Monitoring Wells and Data: If groundwater monitoring wells are in place/planned, enter **Y** for yes. Otherwise, enter **N** for no. Attach any existing groundwater monitoring data.

Dimensions: Provide the dimensions, freeboard, surface area, storage capacity of the impoundments, and the maximum depth (not including freeboard). For impoundments with irregular shapes, submit surface area instead of length and width.

Compliance with 40 CFR Part 257, Subpart D: If the impoundment is required to be in compliance with 40 CFR Part 257, Subpart D, enter **Y** for yes. Otherwise, enter **N** for no.

Date of Construction: Enter the date construction of the impoundment commenced (mm/dd/yy).

Impoundment Information

Parameter	Pond # 1 – Anaerobic Lagoon	Pond # 2 – Oxic/Anoxic Basin	Pond # 3 – Sludge Lagoon	Pond # 4 – Decant Lagoon
Use Designation: (T) (D) (C) or (E)	T	T	C	C
Associated Outfall Number	001	001	NA	NA
Liner Type (C) (I) (S) or (A)	S	S	C	I
Alt. Liner Attachment Reference				
Leak Detection System, Y/N	Y	Y	N	N
Groundwater Monitoring Wells, Y/N	N	N	N	N
Groundwater Monitoring Data Attachment	N/A	N/A	N/A	N/A
Pond Bottom Located Above The Seasonal High-Water Table, Y/N	Y	Y	Y	Y
Length (ft)	N/A	517	N/A	N/A
Width (ft)	N/A	203	N/A	N/A
Max Depth From Water Surface (ft), Not Including Freeboard	20	18	13	6
Freeboard (ft)	2	2	2	2
Surface Area (acres)	3.66	2.4	1.14	0.47
Storage Capacity (gallons)	21,710,000	10,814,000	4,700,000	966,000
40 CFR Part 257, Subpart D, Y/N	N	N	N	N
Date of Construction	March 2015	March 2015	March 2015	March 2015

Attachment:

The following information (**Items 3.b – 3.e**) is required only for **new or proposed** impoundments.

b. For new or proposed impoundments, attach any available information on the following items. If attached, check **yes** in the appropriate box. Otherwise, check **no** or **not yet designed**.

i. Liner data

☐ Yes ☐ No ☐ Not yet designed

ii. Leak detection system or groundwater monitoring data

☐ Yes ☐ No ☐ Not yet designed

iii. Groundwater impacts

☐ Yes ☐ No ☐ Not yet designed

NOTE: Item b.iii is required if the bottom of the pond is not above the seasonal high-water table in the shallowest water-bearing zone.

Attachment:

For TLAP applications: Items 3.c – 3.e are **not required**, continue to Item 4.

c. Attach a USGS map or a color copy of original quality and scale which accurately locates and identifies all known water supply wells and monitor wells within ½-mile of the impoundments.

Attachment: Not applicable – no known water supply or monitoring wells within ½ mile radius of the impoundments.

d. Attach copies of State Water Well Reports (e.g., driller's logs, completion data, etc.), and data on depths to groundwater for all known water supply wells including a description of how the depths to groundwater were obtained.

Attachment: Not applicable – no known water supply or monitoring wells within ½ mile radius of the impoundments.

e. Attach information pertaining to the groundwater, soils, geology, pond liner, etc. used to assess the potential for migration of wastes from the impoundments or the potential for contamination of groundwater or surface water.

Attachment:

4. OUTFALL/DISPOSAL METHOD INFORMATION (Instructions, Pages 42-43)

Complete the following tables to describe the location and wastewater discharge or disposal operations for each outfall for discharge operations, and for each point of disposal for TLAP operations.

If there are more outfalls/points of disposal at the facility than the spaces provided, copies of pages 6 and/or numbered accordingly (i.e., page 6a, 6b, etc.) may be used to provide information on the additional outfalls.

For TLAP applications: Indicate the disposal method and each individual irrigation area **I**, evaporation pond **E**, or subsurface drainage system **S** by providing the appropriate letter designation for the disposal method followed by a numerical designation for each disposal area in the space provided for **Outfall** number (e.g. **E1** for evaporation pond 1, **I2** for irrigation area No. 2, etc.).

Outfall Latitude and Longitude

Outfall Number	Latitude-decimal degrees	Longitude-decimal degrees
001	33.139278	-94.997500

Outfall Location Description

Outfall Number	Location Description
001	Outfall 001 is on the west side of the wastewater treatment plant and flows directly into Tankersley Creek. The outfall is located approximately 325 feet north of the bridge on FM 127.

Description of Sampling Points (if different from Outfall location)

Outfall Number	Description of Sampling Point
001	Sampling is conducted at the discharge of the chlorination/dechlorination basin/contact chamber. This basin/chamber is across from the Sludge Lagoon and is adjacent to Tankersley Creek.

Outfall Flow Information – Permitted and Proposed

Outfall Number	Permitted Daily Avg Flow (MGD)	Permitted Daily Max Flow (MGD)	Proposed Daily Avg Flow (MGD)	Proposed Daily Max Flow (MGD)	Anticipated Discharge Date (mm/dd/yy)
001	3.5	5.0	3.5	5.0	Ongoing

Outfall Discharge – Method and Measurement

Outfall Number	Pumped Discharge? Y/N	Gravity Discharge? Y/N	Type of Flow Measurement Device Used
001	N*	Y	v-notch weir
*Discharge can be pumped in the event of high water levels in the receiving stream.			

Outfall Discharge – Flow Characteristics

Outfall Number	Intermittent Discharge? Y/N	Continuous Discharge? Y/N	Seasonal Discharge? Y/N	Discharge Duration (hrs/day)	Discharge Duration (days/mo)	Discharge Duration (mo/yr)
001	N	Y	N	24	31	12

Wastestream Contributions

Outfall No.: 001

Contributing Wastestreams	Volume (MGD)	% of Total Flow
East and West Poultry Processing Plants Wastewater	2.14	60.9
Further Processing Plant Wastewater	0.77	21.9
Rendering Plant Wastewater	0.48	13.7
Boiler and Cooling Tower Blowdown	0.1	2.8
Private Residences	0.0244	0.7
Stormwater (captured in capture zones at Processing Complex)	Varies (Average daily flow = 0 MGD)	Varies

Attachment:

5. BLOWDOWN AND ONCE-THROUGH COOLING WATER DISCHARGES (Instructions, Page 44)

a. Does the facility use/propose to use any cooling towers which discharge blowdown or other wastestreams to the outfall(s)?

☒ Yes ☐ No

NOTE: If the facility uses or plans to use cooling towers, Item 12 **is required**.

b. Does the facility use or plan to use any boilers that discharge blowdown or other wastestreams to the outfall(s)?

☒ Yes ☐ No

c. Does or will the facility discharge once-through cooling water to the outfall(s)?

☒ Yes ☐ No

NOTE: If the facility uses or plans to use once-through cooling water, Item 12 **is required**.

d. If **yes** to Items 5.a, 5.b, **or** 5.c, attach the SDS with the following information for each chemical additive.

- Manufacturers Product Identification Number
- Product use (e.g., biocide, fungicide, corrosion inhibitor, etc.)
- Chemical composition including CASRN for each ingredient
- Classify product as non-persistent, persistent, or bioaccumulative
- Product or active ingredient half-life
- Frequency of product use (e.g., 2 hours/day once every two weeks)
- Product toxicity data specific to fish and aquatic invertebrate organisms
- Concentration of whole product or active ingredient, as appropriate, in wastestream.

Attach a summary of this information in addition to the submittal of the SDS for each specific wastestream and the associated chemical additives and specify which outfalls are affected.

Attachment: Attachment C – Boiler and Cooling Tower Chemical SDS Information; Attachment D – Boiler and Cooling Tower Chemical Usage Summary – Note: No chemicals are used in the condensers at the Processing Complex.

e. Cooling Towers and Boilers

If **yes** to either Item 5.a **or** 5.b, complete the following table.

Cooling Towers and Boilers

Type of Unit	Number of Units	Dly Avg Blowdown (gallons/day)	Dly Max Blowdown (gallons/day)
Cooling Towers	13 (1 cooling tower, 12 condensers)	50,000	100,000
Boilers	10	50,000	100,000

6. STORMWATER MANAGEMENT (Instructions, Page 44)

Are there any existing/proposed outfalls which discharge stormwater associated with industrial activities, as defined at *40 CFR § 122.26(b)(14)*, commingled with any other wastestream?

☒ Yes ☐ No

If **yes**, briefly describe the industrial processes and activities that occur outdoors or in some manner which may result in exposure of the activities or materials to stormwater: Stormwater is collected from areas of potentially "high-impact" industrial activities at the poultry processing complex. These areas include locations where live poultry is received/unloaded from trucks/cages, areas where finished products are loaded onto refrigerated trailers, areas where loaded refrigerated trailers are parked, areas where offal trailers are dewatered, areas where rendering/protein conversion activities are taking place, and various other locations where materials and equipment are stored in outdoor areas.

7. DOMESTIC SEWAGE, SEWAGE SLUDGE, AND SEPTAGE MANAGEMENT AND DISPOSAL (Instructions, Page 45)

Domestic Sewage - Waste and wastewater from humans or household operations that is discharged to a wastewater collection system or otherwise enters a treatment works.

a. Check the box next to the appropriate method of domestic sewage and domestic sewage sludge treatment or disposal. Complete Worksheet 5.0 or Item 7.b if directed to do so.

- ☐ Domestic sewage is routed (i.e., connected to or transported to) to a WWTP permitted to receive domestic sewage for treatment, disposal, or both. **Complete Item 7.b.**
- ☐ Domestic sewage disposed of by an on-site septic tank and drainfield system. **Complete Item 7.b.**
- ☒ Domestic and industrial treatment sludge **ARE commingled** prior to use or disposal.
- ☐ Industrial wastewater and domestic sewage are treated separately, and the respective sludge **IS NOT commingled** prior to sludge use or disposal. **Complete Worksheet 5.0.**
- ☐ Facility is a POTW. **Complete Worksheet 5.0.**
- ☐ Domestic sewage is not generated on-site.
- ☐ Other (e.g., portable toilets), specify and **Complete Item 7.b**:

b. Provide the name and TCEQ, NPDES, or TPDES Permit No. of the waste-disposal facility which receives the domestic sewage/septage. If hauled by motorized vehicle, provide the name and TCEQ Registration No. of the hauler.

Domestic Sewage Plant/Hauler Name

Plant/Hauler Name	Permit/Registration No.

8. IMPROVEMENTS OR COMPLIANCE/ENFORCEMENT REQUIREMENTS (Instructions, Page 45)

a. Is the permittee currently required to meet any implementation schedule for compliance or enforcement?

☐ Yes ☒ No

b. Has the permittee completed or planned for any improvements or construction projects?

☐ Yes ☒ No

c. If **yes** to either 8.a **or** 8.b, provide a brief summary of the requirements and a status update:

9. TOXICITY TESTING (Instructions, Page 45)

Have any biological tests for acute or chronic toxicity been made on any of the discharges or on a receiving water in relation to the discharge within the last three years?

☒ Yes ☐ No

If **yes**, identify the tests and describe their purposes: WET tests are performed on a quarterly basis as a requirement of the current permit. These tests are completed to ensure there are no sources of toxicity in wastewater effluent undetected by other monitoring.

Additionally, attach a copy of all tests performed which **have not** been submitted to the TCEQ or EPA.

Attachment:

10. OFF-SITE/THIRD PARTY WASTES (Instructions, Page 45)

a. Does or will the facility receive wastes from off-site sources for treatment at the facility, disposal on-site via land application, or discharge via a permitted outfall?

☐ Yes ☒ No

If **yes**, provide responses to Items 10.b through 10.d below.

If **no**, proceed to Item 11.

b. Attach the following information to the application:

- List of wastes received (including volumes, characterization, and capability with on-site wastes).
- Identify the sources of wastes received (including the legal name and addresses of the generators).
- Description of the relationship of waste source(s) with the facility's activities.

Attachment:

c. Is or will wastewater from another TCEQ, NPDES, or TPDES permitted facility commingled with this facility's wastewater after final treatment and prior to discharge via the final outfall/point of disposal?

☐ Yes ☐ No

If **yes**, provide the name, address, and TCEQ, NPDES, or TPDES permit number of the contributing facility and a copy of any agreements or contracts relating to this activity.

Attachment:

d. Is this facility a POTW that accepts/will accept process wastewater from any SIU and has/is required to have an approved pretreatment program under the NPDES/TPDES program?

☐ Yes ☐ No

If **yes**, **Worksheet 6.0** of this application **is required**.

11. RADIOACTIVE MATERIALS (Instructions, Pages 46)

a. Are/will radioactive materials be mined, used, stored, or processed at this facility?

☐ Yes ☒ No

If **yes**, use the following table to provide the results of one analysis of the effluent for all radioactive materials that may be present. Provide results in pCi/L.

Radioactive Materials Mined, Used, Stored, or Processed

Radioactive Material	Concentration (pCi/L)

b. Does the applicant or anyone at the facility have any knowledge or reason to believe that radioactive materials may be present in the discharge, including naturally occurring radioactive materials in the source waters or on the facility property?

☐ Yes ☒ No

If **yes**, use the following table to provide the results of one analysis of the effluent for all radioactive materials that may be present. Provide results in pCi/L. Do not include information provided in response to Item 11.a.

Radioactive Materials Present in the Discharge

Radioactive Material	Concentration (pCi/L)

12. COOLING WATER (Instructions, Pages 46-47)

a. Does the facility use or propose to use water for cooling purposes?

☒ Yes ☐ No

If **no**, stop here. If **yes**, complete Items 12.b thru 12.f.

b. Cooling water is/will be obtained from a groundwater source (e.g., on-site well).

☐ Yes ☒ No

If **yes**, stop here. If **no**, continue.

c. Cooling Water Supplier

i. Provide the name of the owner(s) and operator(s) for the CWIS that supplies or will supply water for cooling purposes to the facility.

Cooling Water Intake Structure(s) Owner(s) and Operator(s)

CWIS ID	NA			
Owner				
Operator				

ii. Cooling water is/will be obtained from a Public Water Supplier (PWS)

☒ Yes ☐ No

If **no**, continue. If **yes**, provide the PWS Registration No. and stop here: PWS No. TX2250001

iii. Cooling water is/will be obtained from a reclaimed water source?

☐ Yes ☐ No

If **no**, continue. If **yes**, provide the Reuse Authorization No. and stop here:

iv. Cooling water is/will be obtained from an Independent Supplier

☐ Yes ☐ No

If **yes**, provide the actual intake flow of the Independent Supplier's CWIS that is/will be used to provide water for cooling purposes to the facility and proceed:

If **no**, proceed to Item 12.d.

d. 316(b) General Criteria

i. The CWIS(s) used to provide water for cooling purposes to the facility has or will have a cumulative design intake flow of 2 MGD or greater.

☐ Yes ☐ No

ii. At least 25% of the total water withdrawn by the CWIS is/will be used at the facility exclusively for cooling purposes on an annual average basis.

☐ Yes ☐ No

iii. The CWIS(s) withdraw(s)/propose(s) to withdraw water for cooling purposes from surface waters that meet the definition of Waters of the United States in *40 CFR § 122.2*.

☐ Yes ☐ No

If **no**, provide an explanation of how the waterbody does not meet the definition of Waters of the United States in *40 CFR § 122.2*:

If **yes** to all three questions in Item 12.d, the facility **meets** the minimum criteria to be subject to the full requirements of Section 316(b) of the CWA. Proceed to **Item 12.f**.

If **no** to any of the questions in Item 12.d, the facility **does not meet** the minimum criteria to be subject to the full requirements of Section 316(b) of the CWA; however, a determination is required based upon BPJ. Proceed to **Item 12.e**.

e. The facility does not meet the minimum requirements to be subject to the fill requirements of Section 316(b) **and uses/proposes to use cooling towers**.

☐ Yes ☐ No

If **yes**, stop here. If **no**, complete Worksheet 11.0, Items 1(a), 1(b)(i-iii) and (vi), 2(b)(i), and 3(a) to allow for a determination based upon BPJ.

f. Oil and Gas Exploration and Production

i. The facility is subject to requirements at 40 CFR Part 435, Subparts A or D.

☐ Yes ☐ No

If **yes**, continue. If **no**, skip to Item 12.g.

ii. The facility is an existing facility as defined at 40 CFR § 125.92(k) or a new unit at an existing facility as defined at 40 CFR § 125.92(u).

☐ Yes ☐ No

If **yes**, complete Worksheet 11.0, Items 1(a), 1(b)(i-iii) and (vi), 2(b)(i), and 3(a) to allow for a determination based upon BPJ. If **no**, skip to Item 12.g.iii.

g. Compliance Phase and Track Selection

i. Phase I – New facility subject to 40 CFR Part 125, Subpart I

☐ Yes ☐ No

If **yes**, check the box next to the facility's compliance track selection, attach the requested information, and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.

☐ Track I – AIF greater than 2 MGD, but less than 10 MGD
- Attach information required by *40 CFR §§ 125.86(b)(2)-(4)*.

☐ Track I – AIF greater than 10 MGD
- Attach information required by *40 CFR § 125.86(b)*.

☐ Track II
- Attach information required by *40 CFR § 125.86(c)*.

Attachment:

ii. Phase II – Existing facility subject to 40 CFR Part 125, Subpart J

☐ Yes ☐ No

If **yes**, complete Worksheets 11.0 through 11.3, as applicable.

iii. Phase III – New facility subject to 40 CFR Part 125, Subpart N

☐ Yes ☐ No

If **yes**, check the box next to the facility's compliance track selection and provide the requested information.

☐ Track I – Fixed facility
- Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.

☐ Track I – Not a fixed facility
- Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Item 2 (except the CWIS latitude and longitude under Item 2.a).

☐ Track II – Fixed facility
- Attach information required by 40 CFR § 125.136(c) and complete Worksheet 11.0, Items 2 and 3.

Attachment:

NOTE: Item 13 is required only for existing permitted facilities.

13. PERMIT CHANGE REQUESTS (Instructions, Pages 49-50)

a. Is the facility requesting a **major amendment** of an existing permit?

☒ Yes ☐ No

If **yes**, list each request individually and provide the following information: 1) detailed information regarding the scope of each request and 2) a justification for each request. Attach any supplemental information or additional data to support each request.

A major amendment is being requested to reduce the sampling frequency of the following parameters from three (3) times/week to one (1) time/week: CBOD5, TSS, BOD5, ammonia, total nitrogen, conductivity, oil and grease, and E. coli. This request is being made to ease the financial/economic and labor-related burdens this additional sampling places on the Facility while also ensuring sampling is conducted at a frequency that will ensure the Facility remains in compliance with permit limits. Various changes have been implemented at the Facility since the last Permit issuance that have improved the compliance history of the Facility, and as such it is the Facility's belief that reduced sampling frequency from 3 times/week to 1 time/week for the above parameters would ensure permit compliance is maintained while simultaneously alleviating the financial and manpower burden imposed by the increased sampling requirement.

b. Is the facility requesting any **minor amendments** to the permit?

☐ Yes ☒ No

If **yes**, list and discuss the requested changes.

c. Is the facility requesting any **minor modifications** to the permit?

☐ Yes ☒ No

If **yes**, list and discuss the requested changes.

WORKSHEET 1.0
EPA CATEGORICAL EFFLUENT GUIDELINES

This worksheet **is required** for all applications for TPDES permits for discharges of wastewaters subject to EPA categorical effluent limitation guidelines (ELGs).

1. CATEGORICAL INDUSTRIES (Instructions, Pages 50-52)

Is this facility subject to any of the 40 CFR categorical ELGs outlined on page 53 of the instructions?

☒ Yes ☐ No

If **no**, this worksheet is not required. If **yes**, provide the appropriate information in the table below.

40 CFR Effluent Guidelines

Industry	40 CFR Part
Meat Products -Poultry First Processing	432 Subpart K

2. PRODUCTION/PROCESS DATA (Instructions, Page 54)

NOTE: For all TPDES permit applications requesting individual permit coverage for discharges of oil and gas exploration and production wastewater (discharges into or adjacent to water in the state, falling under the Oil and Gas Extraction Effluent Guidelines – 40 CFR Part 435), see Worksheet 12.0, Item 2 instead.

a. **Production Data**

Provide the appropriate data for effluent guidelines with production-based effluent limitations.

Production Data

Subcategory	Actual Quantity/Day	Design Quantity/Day	Units
The ELG for Poultry First Processing, which also includes the further processing and rendering activities at the poultry processing complex, establishes concentrations limits on wastewater discharged from these activities. These limits are not production based, and as a result no production data is needed to establish these limits.			

b. **Organic Chemicals, Plastics, and Synthetic Fibers Manufacturing Data (40 CFR Part 414)**

Provide each applicable subpart and the percent of total production. Provide data for metal-bearing and cyanide-bearing wastestreams, as required by *40 CFR Part 414, Appendices A and B*.

Percentages of Total Production

Subcategory	Percent of Total Production	Appendix A and B - Metal	Appendix A – Cyanide

c. **Refineries (40 CFR Part 419)**

Provide the applicable subcategory and a brief justification.

3. PROCESS/NON-PROCESS WASTEWATER FLOWS (Instructions, Page 54)

Provide a breakdown of wastewater flow(s) generated by the facility, including both process and non-process wastewater flow(s). Specify which wastewater flows are to be authorized for discharge under this permit and the disposal practices for wastewater flows, excluding domestic, which are not to be authorized for discharge under this permit.

Each of these processes are to be authorized for discharge under this permit: Poultry First Processing Plants/ Activities: ≈ 2.14 MGD (average); Poultry Further Processing Plant/Activities: ≈ 0.77 MGD (average); Poultry Rendering Plant/Activities: ≈ 0.48 MGD (average) Cooling tower blowdown: ≈ 0.05 MGD; Boiler blowdown: ≈ 0.05 MGD; Domestic sanitary wastewater flows ≈ 0.0244 MGD (sanitary flows from the NETEX Complex are included in the flows listed for the Plants above).

4. NEW SOURCE DETERMINATION (Instructions, Page 54)

Provide a list of all wastewater-generating processes subject to EPA categorical ELGs, identify the appropriate guideline Part and Subpart, and provide the date the process/construction commenced.

Wastewater-generating Processes Subject to Effluent Guidelines

Process	EPA Guideline: Part	EPA Guideline: Subpart	Date Process/ Construction Commenced
Poultry first processing and associated further and rendering activities	432	K	Rendering – 1940's First processing – 1950's Further processing – 1970's

WORKSHEET 2.0
POLLUTANT ANALYSES REQUIREMENTS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

1. LABORATORY ACCREDITATION (Instructions, Page 56)

Effective July 1, 2008, all laboratory tests performed must meet the requirements of *30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification* with the following general exemptions:

a. The laboratory is an in-house laboratory and is:
   i. periodically inspected by the TCEQ; or
   ii. located in another state and is accredited or inspected by that state; or
   iii. performing work for another company with a unit located in the same site; or
   iv. performing pro bono work for a governmental agency or charitable organization.

b. The laboratory is accredited under federal law.

c. The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not available.

d. The laboratory supplies data for which the TCEQ does not offer accreditation.

Review *30 TAC Chapter 25* for specific requirements. The following certification statement shall be signed and submitted with every application. See Instructions, Page 34, for a list of approved signatories.

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

(Signature)

2. GENERAL TESTING REQUIREMENTS (Instructions, Pages 56-58)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 1/17/2023-2/8/2023

b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which includes the name, contact information, and pollutants analyzed for each laboratory/firm. **Attachment:** Attachment E – Contract Laboratory Sampling Information

3. SPECIFIC TESTING REQUIREMENTS (Instructions, Pages 58-69)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. **Attachment:** Attachment F – TCEQ Sampling Waiver Request Approval

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 **is required** for **all external outfalls** for all TPDES permit applications.

Table 1 for Outfall No.: 001 – Sample Dates: 1/17; 1/24; 1/31; 2/8; Note: Temperature, pH, DO, and O&G are grab samples. The rest of the samples are composite.

Samples are (check one): ☒ **Composite** ☒ **Grab**

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	11	7	3	14
CBOD (5-day)	6	4	< 2	6
Chemical oxygen demand	19.1	<18.4	< 18.4	21.1
Total organic carbon	9.59	7.28	9.31	11.5
Dissolved oxygen	7.9	7.6	8.4	7.1
Ammonia nitrogen	0.14	0.24	0.35	0.14
Total suspended solids	34	14	6	27
Nitrate nitrogen	29.7	36.1	30.6	39.1
Total organic nitrogen	4.45	3.73	3.54	7.68
Total phosphorus	8.93	8.53	6.75	5.18
Oil and grease	< 7	< 7	< 7	< 7
Total residual chlorine	0.03	0.01	0.05	0.03
Total dissolved solids	816	818	836	816
Sulfate	162	150	154	145
Chloride	134	116	122	111
Fluoride	< 0.100	< 0.100	0.164	< 0.100
Total alkalinity (mg/L as $CaCO_3$)	168	158	164	94
Temperature (°F)	63	73	43	63
pH (standard units)	7.6	7.6	7.7	7.5

821
153
121

Table 2 for Outfall No.: 001 – Sample Dates: 1/17; 3/1

Samples are (check one): ☒ **Composites** ☐ **Grabs**

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	651	441	Only two samples required per sampling waiver request approved by TCEQ (see Attachment F).		2.5
Antimony, total	<1.05	2.19			5
Arsenic, total	1.07	0.968			0.5
Barium, total	5.26	3.23			3
Beryllium, total	<0.148	<0.148			0.5
Cadmium, total	<0.0850	<0.0850			1
Chromium, total	0.719	0.325			3
Chromium, hexavalent	<2.80	<2.39			3
Chromium, trivalent	<2.39	<2.39			N/A
Copper, total	14	7.98			2
Cyanide, available	4.28	3.46			2/10
Lead, total	<0.140	0.171			0.5
Mercury, total	0.00528	0.00261			0.005/0.0005
Nickel, total	4.82	3.47			2
Selenium, total	1.25	0.829			5

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Silver, total	<0.118	<0.118			0.5
Thallium, total	<0.0960	<0.0960			0.5
Zinc, total	31	94			5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 3 for Outfall No.: 001 – Sample Date: 1/17

Samples are (check one): ☒ **Composites** ☐ **Grabs**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile	<7.80	Only one sample required per sampling waiver request approved by TCEQ (see Attachment F).			50
Anthracene	<7.50				10
Benzene	<0.496				10
Benzidine	<24				50
Benzo(a)anthracene	<0.867				5
Benzo(a)pyrene	<1.82				5
Bis(2-chloroethyl)ether	<10.8				10
Bis(2-ethylhexyl)phthalate	<1.39				10
Bromodichloromethane [Dichlorobromomethane]	1.70				10
Bromoform	<1.33				10
Carbon tetrachloride	<1.26				2
Chlorobenzene	<0.945				10
Chlorodibromomethane [Dibromochloromethane]	<1.75				10
Chloroform	8.78				10
Chrysene	<1.11				5
m-Cresol [3-Methylphenol]	<13.1				10
o-Cresol [2-Methylphenol]	<8.10				10
p-Cresol [4-Methylphenol]	<13.1				10
1,2-Dibromoethane	<0.631				10
m-Dichlorobenzene [1,3-Dichlorobenzene]	<1.08				10
o-Dichlorobenzene [1,2-Dichlorobenzene]	<0.603				10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<0.637				10
3,3'-Dichlorobenzidine	<1.71				5
1,2-Dichloroethane	<1.53				10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
1,1-Dichloroethene [1,1-Dichloroethylene]	<0.575				10
Dichloromethane [Methylene chloride]	<0.829				20
1,2-Dichloropropane	<1.55				10
1,3-Dichloropropene [1,3-Dichloropropylene]	<1.78				10
2,4-Dimethylphenol	<3.25				10
Di-n-Butyl phthalate	<1.26				10
Ethylbenzene	<0.878				10
Fluoride	<100				500
Hexachlorobenzene	<1.53				5
Hexachlorobutadiene	<1.19				10
Hexachlorocyclopentadiene	<22.9				10
Hexachloroethane	<2.63				20
Methyl ethyl ketone	<4.53				50
Nitrobenzene	<8.29				10
N-Nitrosodiethylamine	<8.75				20
N-Nitroso-di-n-butylamine	<7.44				20
Nonylphenol	<50				333
Pentachlorobenzene	<5.36				20
Pentachlorophenol	<1.17	Only two samples required per sampling waiver request approved by TCEQ (see Attachment F).			5
Phenanthrene	<7.08				10
Polychlorinated biphenyls (PCBs) (**)	<0.1				0.2
Pyridine	<13.2				20
1,2,4,5-Tetrachlorobenzene	<6.62				20
1,1,2,2-Tetrachloroethane	<1.45				10
Tetrachloroethene [Tetrachloroethylene]	<1.71				10
Toluene	<1.61				10
1,1,1-Trichloroethane	<1.45				10
1,1,2-Trichloroethane	<0.747				10
Trichloroethene [Trichloroethylene]	<1.69				10
2,4,5-Trichlorophenol	<9.98				50
TTHM (Total trihalomethanes)	10.5				10
Vinyl chloride	<0.592				10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. Tributyltin

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

☐ Manufacturers and formulators of tributyltin or related compounds.
☐ Painting of ships, boats and marine structures.
☐ Ship and boat building and repairing.
☐ Ship and boat cleaning, salvage, wrecking and scaling.
☐ Operation and maintenance of marine cargo handling facilities and marinas.
☐ Facilities engaged in wood preserving.
☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. Enterococci (discharge to saltwater)

i. This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

ii. Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

i. This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☒ Yes ☐ No

ii. Domestic wastewater is/will be discharged.

☒ Yes ☐ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 4 for Outfall No.: 001 – Sample Dates: 1/17; 2/23; 3/3; 3/7

Samples are (check one): ☐ **Composites** ☒ **Grabs**

Pollutant	Sample 1	Sample 2	Sample 3	Sample 4	MAL
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
E. coli (cfu or MPN/100 mL)	5	1	3	< 1.00	N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters which may contain pesticides or herbicides, check N/A.

☒ N/A

Table 5 for Outfall No.:

Samples are (check one): ☐ **Composites** ☐ **Grabs**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (*alpha*)					0.01
Endosulfan II (*beta*)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (*alpha*)					0.05
Hexachlorocyclohexane (*beta*)					0.05
Hexachlorocyclohexane (*gamma*) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 **is required** for all **external outfalls**.

Table 6 for Outfall No.: 001 – Sample Date: 1/17

Samples are (check one): ☒ **Composites** ☐ **Grabs**

Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (µg/L)*
Bromide	☒	☐	0.46	Only one sample required.			400
Color (PCU)	☒	☐	15				–
Nitrate-Nitrite (as N)	☒	☐	34.9				–
Sulfide (as S)	☒	☐	<0.04				–
Sulfite (as SO_3)	☒	☐	<5				–
Surfactants	☒	☐					–
Boron, total	☒	☐	0.0653				20
Cobalt, total	☒	☐	0.00216				0.3
Iron, total	☒	☐	0.153				7
Magnesium, total	☒	☐	44.9				20
Manganese, total	☒	☐	0.0894				0.5
Molybdenum, total	☒	☐	0.00345				1
Tin, total	☒	☐	<0.000333				5
Titanium, total	☒	☐	0.00247				30

* Indicate units if different from µg/L.

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 7 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 8 for Outfall No.: Not Applicable **: Volatile Compounds**

Samples are (check one): ☐ **Composites** ☐ **Grabs**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acrolein					50
Acrylonitrile					50
Benzene					10
Bromoform					10
Carbon tetrachloride					2
Chlorobenzene					10
Chlorodibromomethane					10
Chloroethane					50
2-Chloroethylvinyl ether					10
Chloroform					10
Dichlorobromomethane [Bromodichloromethane]					10
1,1-Dichloroethane					10
1,2-Dichloroethane					10
1,1-Dichloroethylene [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 9 for Outfall No.: Not Applicable **: Acid Compounds**

Samples are (check one): ☐ **Composites** ☐ **Grabs**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
2-Chlorophenol					10
2,4-Dichlorophenol					10
2,4-Dimethylphenol					10
4,6-Dinitro-o-cresol					50
2,4-Dinitrophenol					50
2-Nitrophenol					20
4-Nitrophenol					50
p-Chloro-m-cresol					10
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 10 for Outfall No.: Not Applicable **: Base/Neutral Compounds**

Samples are (check one): ☐ **Composites** ☐ **Grabs**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					10
Benzo(ghi)perylene					20
Benzo(k)fluoranthene					5
Bis(2-chloroethoxy)methane					10
Bis(2-chloroethyl)ether					10
Bis(2-chloroisopropyl)ether					10
Bis(2-ethylhexyl)phthalate					10
4-Bromophenyl phenyl ether					10
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [p-Dichlorobenzene]					10
3,3'-Dichlorobenzidine					5

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Diethyl phthalate					10
Dimethyl phthalate					10
Di-n-butyl phthalate					10
2,4-Dinitrotoluene					10
2,6-Dinitrotoluene					10
Di-n-octyl phthalate					10
1,2-Diphenylhydrazine (as Azobenzene)					20
Fluoranthene					10
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10
Hexachlorocyclopentadiene					10
Hexachloroethane					20
Indeno(1,2,3-cd)pyrene					5
Isophorone					10
Naphthalene					10
Nitrobenzene					10
N-Nitrosodimethylamine					50
N-Nitrosodi-n-propylamine					20
N-Nitrosodiphenylamine					20
Phenanthrene					10
Pyrene					10
1,2,4-Trichlorobenzene					10

* Indicate units if different from µg/L.

Table 11 for Outfall No.: Not Applicable **: Pesticides**

Samples are (check one): ☐ **Composites** ☐ **Grabs**

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-Hexachlorocyclohexane]					0.05
Chlordane					0.2
4,4'-DDT					0.02
4,4'-DDE					0.1
4,4'-DDD					0.1
Dieldrin					0.02
Endosulfan I (alpha)					0.01
Endosulfan II (beta)					0.02
Endosulfan sulfate					0.1

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Endrin					0.02
Endrin aldehyde					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
PCB 1242					0.2
PCB 1254					0.2
PCB 1221					0.2
PCB 1232					0.2
PCB 1248					0.2
PCB 1260					0.2
PCB 1016					0.2
Toxaphene					0.3

* Indicate units if different from µg/L.

Attachment:

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 60-61)

a. Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

- ☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5
- ☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1
- ☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4
- ☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnel) CASRN 299-84-3
- ☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4
- ☐ hexachlorophene (HCP) CASRN 70-30-4
- ☒ None of the above

Description:

b. Does the applicant or anyone at the facility know or have any reason to believe that 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) or any congeners of TCDD may be present in the effluent proposed for discharge?

☐ Yes ☒ No

Description:

If **yes** to either Items a **or** b, complete Table 12 as instructed.

WORKSHEET 4.0
RECEIVING WATERS

This worksheet **is required** for all TPDES permit applications.

1. DOMESTIC DRINKING WATER SUPPLY (Instructions, Page 81)

a. There is a surface water intake for domestic drinking water supply located within 5 (five) miles downstream from the point/proposed point of discharge.

☐ Yes ☒ No

If **no**, stop here and proceed to Item 2. If **yes**, provide the following information:

i. The legal name of the owner of the drinking water supply intake:

v. The distance and direction from the outfall to the drinking water supply intake:

b. Locate and identify the intake on the USGS 7.5-minute topographic map provided for Administrative Report 1.0.

☐ Check this box to confirm the above requested information is provided.

2. DISCHARGE INTO TIDALLY INFLUENCED WATERS (Instructions, Page 81)

If the discharge is to tidally influenced waters, complete this section. Otherwise, proceed to Item 3.

a. Width of the receiving water at the outfall: feet

b. Are there oyster reefs in the vicinity of the discharge?

☐ Yes ☐ No

If **yes**, provide the distance and direction from the outfall(s) to the oyster reefs:

c. Are there sea grasses within the vicinity of the point of discharge?

☐ Yes ☐ No

If **yes**, provide the distance and direction from the outfall(s) to the grasses:

3. CLASSIFIED SEGMENT (Instructions, Page 81)

The discharge is/will be directly into (or within 300 feet of) a classified segment.

☐ Yes ☒ No

If **yes**, stop here. It is not necessary to complete Items 4 and 5 of this worksheet or Worksheet 4.1.

If **no**, complete Items 4 and 5 and Worksheet 4.1 may be required.

Table 12 for Outfall No.: Not Applicable

Samples are (check one): ☐ **Composites** ☐ **Grabs**

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					50
2,3,7,8-HxCDDs	0.1					50
1,2,3,4,6,7,8-HpCDD	0.01					50
2,3,7,8-TCDF	0.1					10
1,2,3,7,8-PeCDF	0.03					50
2,3,4,7,8-PeCDF	0.3					50
2,3,7,8-HxCDFs	0.1					50
2,3,4,7,8-HpCDFs	0.01					50
OCDD	0.0003					100
OCDF	0.0003					100
PCB 77	0.0001					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 **is required** for all **external outfalls** as directed below. (Instructions, Page 61)

a. Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

b. Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 13 for Outfall No.: Not Applicable

Samples are (check one): ☐ **Composites** ☐ **Grabs**

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

4. DESCRIPTION OF IMMEDIATE RECEIVING WATERS (Instructions, Page 82)

a. Name of the immediate receiving waters: Tankersley Creek

b. Check the appropriate description of the immediate receiving waters:

- ☐ Lake or Pond
  - Surface area (acres):
  - Average depth of the entire water body (feet):
  - Average depth of water body within a 500-foot radius of the discharge point (feet):
- ☐ Man-Made Channel or Ditch
- ☒ Stream or Creek
- ☐ Freshwater Swamp or Marsh
- ☐ Tidal Stream, Bayou, or Marsh
- ☐ Open Bay
- ☐ Other, specify:

If **Man-Made Channel or Ditch** or **Stream or Creek** were selected above, provide responses to Items 4.c – 4.g below:

c. For **existing discharges**, check the description below that best characterizes the area **upstream** of the discharge.

For **new discharges**, check the description below that best characterizes the area **downstream** of the discharge.

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

Check the source(s) of the information used to characterize the area upstream (existing discharge) or downstream (new discharge):

- ☒ USGS flow records
- ☒ personal observation
- ☐ historical observation by adjacent landowner(s)
- ☐ other, specify:

d. List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point: N/A – No named streams join receiving water within 3-miles downstream.

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

☐ Yes ☒ No

If **yes**, describe how:

f. General observations of the water body during normal dry weather conditions: Normally flowing

Date and time of observation: 1/25/2022 – 12:15 PM

g. The water body was influenced by stormwater runoff during observations.

☒ Yes ☐ No

If **yes**, describe how: Approximately 1.8" of rainfall fell at the facility the day before the water body observation occurred. There was some evidence of stormwater influence in the stream upstream of the facility including discoloration of the water, increased turbidity, etc.

5. GENERAL CHARACTERISTICS OF WATER BODY (Instructions, Page 82)

a. Is the receiving water upstream of the existing discharge or proposed discharge site influenced by any of the following (check all that apply):

☐	oil field activities	☐	urban runoff
☒	agricultural runoff	☒	septic tanks
☐	upstream discharges	☐	other, specify:

b. Uses of water body observed or evidence of such uses (check all that apply):

☒	livestock watering	☒	fishing	☐	picnic/park activities
☒	non-contact recreation	☐	industrial water supply	☐	other, specify:
☐	domestic water supply	☐	irrigation withdrawal		
☐	contact recreation	☐	navigation		

c. Description which best describes the aesthetics of the receiving water and the surrounding area (check only one):

☐ **Wilderness:** outstanding natural beauty; usually wooded or un-pastured area: water clarity exceptional

☒ **Natural Area:** trees or native vegetation common; some development evident (from fields, pastures, dwellings); water clarity discolored

☐ **Common Setting:** not offensive, developed but uncluttered; water may be colored or turbid

☐ **Offensive:** stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

WORKSHEET 7.0
STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITIES

This worksheet **is required** for all TPDES permit applications requesting individual permit coverage for discharges consisting of **either**: 1) solely of stormwater discharges associated with industrial activities, as defined in *40 CFR § 122.26(b)(14)(i-xi)*, **or** 2) stormwater discharges associated with industrial activities and any of the listed allowable non-stormwater discharges, as defined in the MSGP (TXR05000), Part II, Section A, Item 6.

Discharges of stormwater as defined in *40 CFR § 122.26 (b)(13)* are not required to obtain authorization under a TPDES permit (see exceptions at *40 CFR §§ 122.26(a)(1)* and *(9)*). Authorization for discharge may be required from a local municipal separate storm sewer system.

1. APPLICABILITY (Instructions, Page 90)

Do discharges from any of the existing/proposed outfalls consist either 1) solely of stormwater discharges associated with industrial activities **or** 2) stormwater discharges associated with industrial activities and any of the allowable non-stormwater discharges?

☒ Yes ☐ No

If **no**, stop here. If **yes**, proceed as directed.

2. STORMWATER OUTFALL COVERAGE (Instructions, Page 91)

List each existing/proposed stormwater outfall at the facility and indicate which type of authorization covers or is proposed to cover discharges.

Authorization coverage

Outfall	Authorized Under MSGP	Authorized Under Individual Permit
SW Outfall 001	☒	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐

If **all** existing/proposed outfalls which discharge stormwater associated with industrial activities (and any of the allowable non-stormwater discharges) are **authorized under the MSGP**, **stop** here.

If **seeking authorization** for any outfalls which discharge stormwater associated with industrial activities (and any of the allowable non-stormwater discharges) **under an individual permit**, **proceed**.

NOTE: The following information is required for each existing/proposed stormwater outfall for which the facility is seeking individual permit authorization under this application.

3. SITE MAP (Instructions, Page 91)

Attach a site map or maps (drawn to scale) of the entire facility with the following information.

- the location of each stormwater outfall to be covered by the permit
- an outline of the drainage area that is within the facility's boundary and that contributes stormwater to each outfall to be covered by the permit
- connections or discharge points to municipal separate storm sewer systems
- locations of all structures (e.g. buildings, garages, storage tanks)
- structural control devices that are designed to reduce pollution in discharges of stormwater associated with industrial activities
- process wastewater treatment units (including ponds)
- bag house and other air treatment units exposed to stormwater (stormwater runoff, snow melt runoff, and surface runoff and drainage)
- landfills; scrapyards; surface water bodies (including wetlands)
- vehicle and equipment maintenance areas
- physical features of the site that may influence discharges of stormwater associated with industrial activities or contribute a dry weather flow
- locations where spills or leaks of reportable quality (as defined in *30 TAC § 327.4*) have occurred during the three years before this application was submitted to obtain coverage under an individual permit
- processing areas, storage areas, material loading/unloading areas, and other locations where significant materials are exposed to stormwater (stormwater runoff, snow melt runoff, and surface runoff and drainage)

☐ Check the box to confirm all the above information was provided on the facility site map(s).

Attachment:

4. FACILITY/SITE INFORMATION (Instructions, Pages 91-92)

a. Provide the area of impervious surface and the total area drained by each stormwater outfall requested for authorization by this permit application.

Impervious Surfaces

Outfall	Area of Impervious Surface (include units)	Total Area Drained (include units)

b. Provide the following local area rainfall information and the source of the information.

Wettest month:

Average rainfall for wettest month (total inches):

25-year, 24-hour rainfall (inches):

Source:

c. Attach an inventory, or list, of materials currently handled at the facility that may be exposed to precipitation. **Attachment:**

d. Attach narrative descriptions of the industrial processes and activities involving the materials in the above-listed inventory that occur outdoors or in some manner that may result in exposure of the materials to precipitation or runoff (see instructions for guidance). **Attachment:**

e. Describe any BMPs and controls the facility uses/proposes to prevent or effectively reduce pollution in stormwater discharges from the facility:

5. LABORATORY ACCREDITATION CERTIFICATION (Instructions, Page 92)

Effective July 1, 2008, all laboratory tests performed must meet the requirements of *30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification* with the following general exemptions:

a. The laboratory is an in-house laboratory and is:
   i. periodically inspected by the TCEQ; or
   ii. located in another state and is accredited or inspected by that state; or
   iii. performing work for another company with a unit located in the same site; or
   vi. performing pro bono work for a governmental agency or charitable organization.

b. The laboratory is accredited under federal law.

c. The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not available.

d. The laboratory supplies data for which the TCEQ does not offer accreditation.

Review *30 TAC Chapter 25* for specific requirements. The following certification statement shall be signed and submitted with every application. See Instructions, Page 32, for a list of approved signatories.

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

_____

(Signature)

6. POLLUTANT ANALYSIS (Instructions, Pages 92-93)

a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018):

b. ☐ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.

c. Complete Table 17 as directed on page 92 of the Instructions.

Table 17 Pollutant Analysis for Outfall No.:

Pollutant	Grab Sample* Maximum (mg/L)	Composite Sample** Maximum (mg/L)	Grab Sample* Average (mg/L)	Composite Sample** Average (mg/L)	Number of Storm Events Sampled	MAL (mg/L)
pH (standard units)	(max)	—	(min)	—		—
Total suspended solids						—
Chemical oxygen demand						—
Total organic carbon						—
Oil and grease						—
Arsenic, total						0.0005
Barium, total						0.003
Cadmium, total						0.001
Chromium, total						0.003
Chromium, trivalent						—
Chromium, hexavalent						0.003
Copper, total						0.002
Lead, total						0.0005
Mercury, total						0.000005
Nickel, total						0.002
Selenium, total						0.005
Silver, total						0.0005
Zinc, total						0.005

* Taken during first 30 minutes of storm event
** Flow-weighted composite sample

d. Complete Table 18 as directed on pages 92-94 of the Instructions.

Table 18 Pollutant Analysis for Outfall No.:

Pollutant	Grab Sample* Maximum (mg/L)	Composite Sample** Maximum (mg/L)	Grab Sample* Average (mg/L)	Composite Sample** Average (mg/L)	Number of Storm Events Sampled

* Taken during first 30 minutes of storm event
** Flow-weighted composite sample

Attachment:

7. STORM EVENT DATA (Instructions, Page 94)

Provide the following data for the storm event(s) which resulted in the maximum values for the analytical data submitted:

Date of storm event:

Duration of storm event (minutes):

Total rainfall during storm event (inches):

Number of hours the between beginning of the storm measured and the end of the previous measurable storm event (hours):

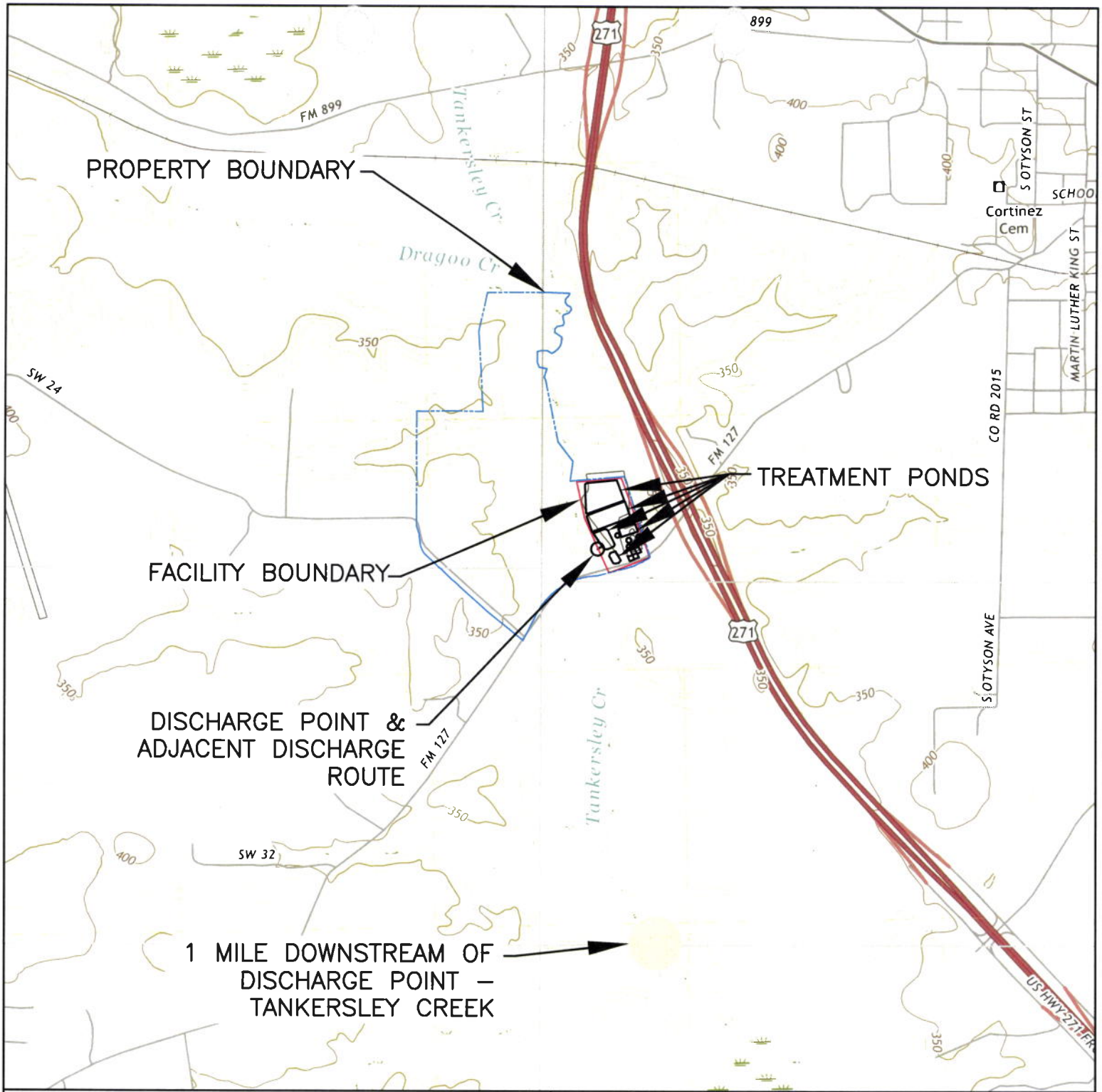
Maximum flow rate during rain event (gallons/minute):

Total stormwater flow from rain event (gallons):

Provide a description of the method of flow measurement or estimate:

FIGURE 1 USGS MAP

FIGURE 2
SECOND USGS MAP



GRAPHIC SCALE
0 1/3 MI.

NORTH

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KEY

PROPERTY BOUNDARY

FACILITY BOUNDARY

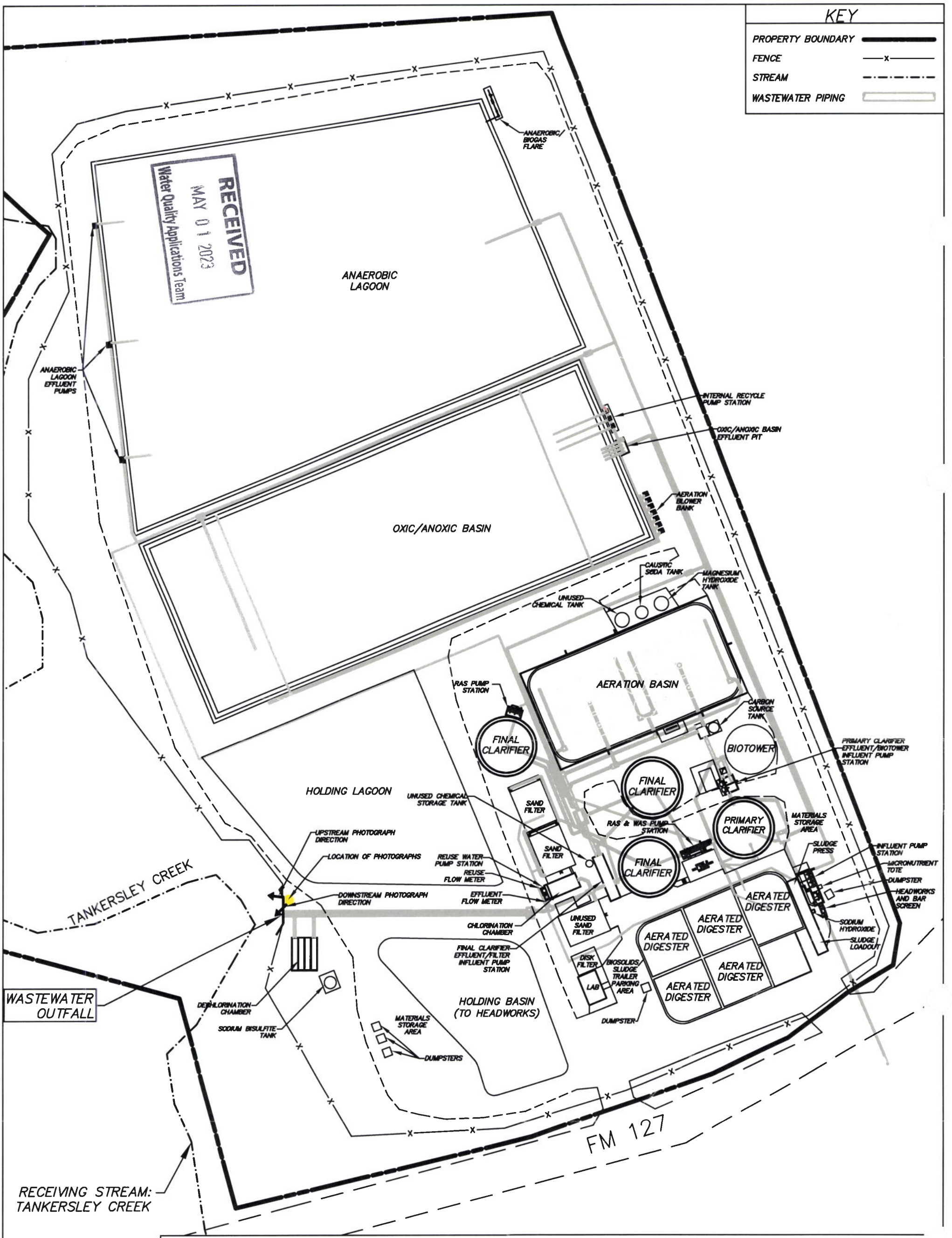
JOB NO 22–118	
DRAWN BY JEC	CHECKED BY TTS
SCALE 1"=1/3 MI.	SHEET FIGURE 2
DATE 4/12/2023	REV

PILGRIM'S PRIDE CORPORATION
SOUTHWEST WW TREATMENT PLANT 664
FM 127 ROAD WEST
MT. PLEASANT, TX 75455
TITUS COUNTY, TEXAS

FIGURE 2 - SECOND USGS MAP

WHEE
WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.
4405 CANTON HWY, SUITE 100
CUMMING, GEORGIA 30040
TEL: 770–844–0037

FIGURE 3
MT. PLEASANT
WW PLANT



NOTES:
1. LOCATION OF UNDERGROUND STORM SEWER PIPING IS APPROXIMATE.
2. THE GENERAL TOPOGRAPHIC AND ELEVATION DATA SHOWN HERON WAS OBTAINED FROM ON-SITE OBSERVATIONS AND IS NOT CERTIFIED AS CORRECT BY THIS ENGINEER. USERS OF THIS DATA DO SO AT THEIR OWN RISK.
3. ALL WATER, SPILLS, ETC. IN "COMPLETE CAPTURE" CONTAINMENT ZONES IS ROUTED TO THE ONSITE WASTEWATER PRETREATMENT SYSTEM.

NORTH

GRAPHIC SCALE 0 100

JOB NO	22–118
DRAWN BY	JEC
CHECKED BY	TTS
SCALE	1"=100'
SHEET	FIGURE 3
DATE	4/12/23
REV	

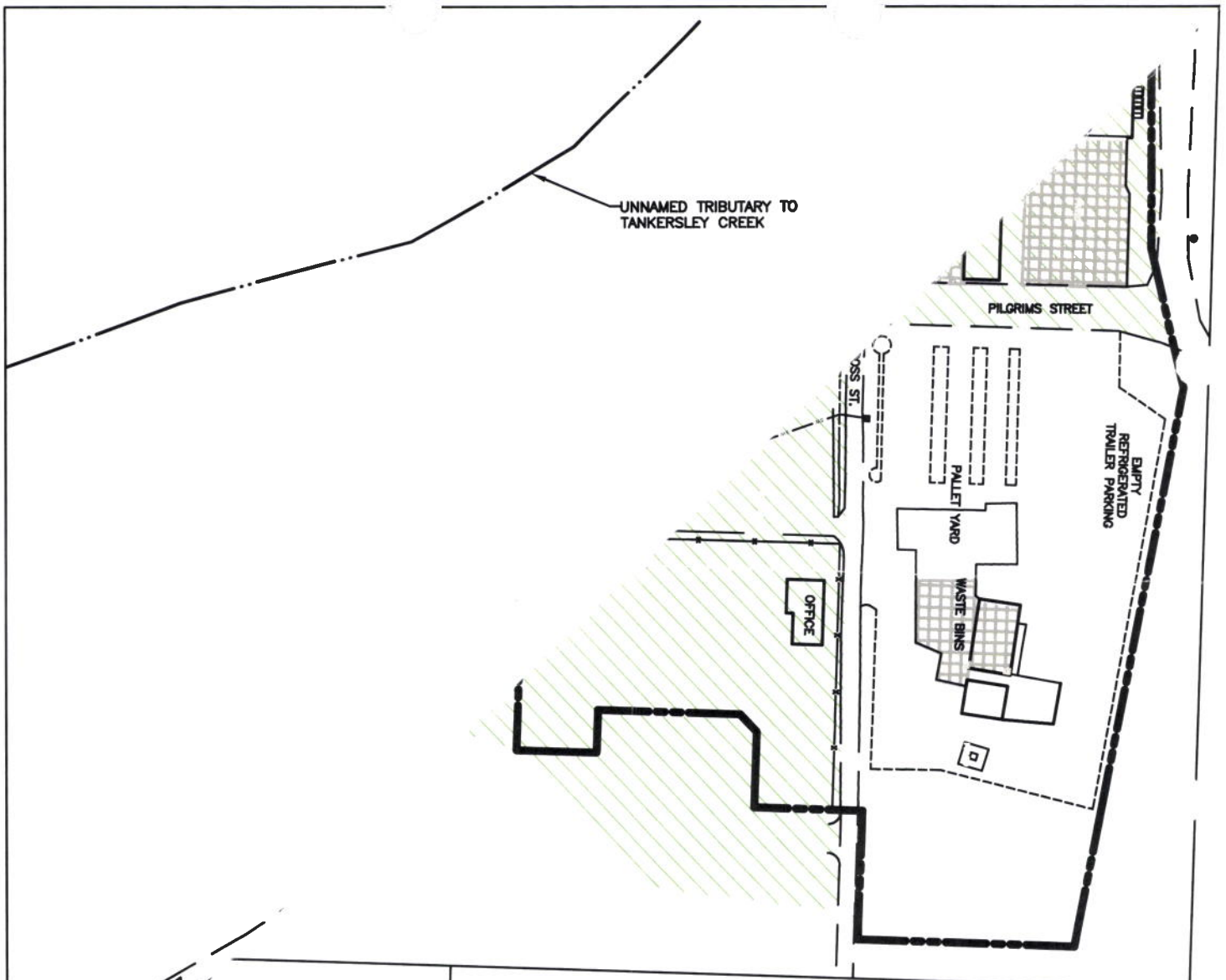
Pilgrim's

PILGRIM'S PRIDE CORPORATION
SOUTHWEST WW TREATMENT PLANT
664 FM 127 ROAD WEST
MT. PLEASANT, TX 75455
TITUS COUNTY, TEXAS

FIGURE 3 - PILGRIM'S WASTEWATER TREATMENT PLANT FACILITY MAP

WHEE
WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.
4405 CANTON HWY, SUITE 100
CUMMING, GEORGIA 30040
TEL: 770–844–0037

FIGURE 4
PILGIRM'S MT. PLEASANT POULTRY COMPLEX FACILITY MAP



E CORPORATION
. PLEASANT
ESSING COMPLEX
S O'TYSON AVENUE MT.
PLEASANT, TX 75455
TITUS COUNTY

FIGURE 4 -
PILGRIM'S MT. PLEASANT
POULTRY NETEX
COMPLEX FACILITY MAP

WHEE
WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.
4405 CANTON HWY, SUITE 100
CUMMING, GEORGIA 30040
TEL: 770-844-0037

FIGURE 5
TOPOGRAPHY
AND
TREATMENT
SYSTEM LAYOUT

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KEY

PROPERTY BOUNDARY

FENCE

STREAM

WASTEWATER PIPING

ANAEROBIC/ BIOGAS FLARE

ANAEROBIC LAGOON

ANAEROBIC LAGOON EFFLUENT PUMPS

INTERNAL RECYCLE PUMP STATION

OXIC/ANOXIC BASIN EFFLUENT PIT

AERATION BLOWER BANK

OXIC/ANOXIC BASIN

CAUSTIC SODA TANK

MAGNESIUM HYDROXIDE TANK

UNUSED CHEMICAL TANK

AERATION BASIN

RAS PUMP STATION

CARBON SOURCE TANK

FINAL CLARIFIER

BIOTOWER

PRIMARY CLARIFIER EFFLUENT/BIOTOWER INFLUENT PUMP STATION

FINAL CLARIFIER

HOLDING LAGOON

UNUSED CHEMICAL STORAGE TANK

SAND FILTER

RAS & WAS PUMP STATION

PRIMARY CLARIFIER

MATERIALS STORAGE AREA

SLUDGE PRESS

INFLUENT PUMP STATION

MICRONUTRIENT TOTE

DUMPSTER

HEADWORKS AND BAR SCREEN

UPSTREAM PHOTOGRAPH DIRECTION

LOCATION OF PHOTOGRAPHS

REUSE WATER PUMP STATION

REUSE FLOW METER

SAND FILTER

FINAL CLARIFIER

AERATED DIGESTER

TANKERSLEY CREEK

DOWNSTREAM PHOTOGRAPH DIRECTION

EFFLUENT FLOW METER

UNUSED SAND FILTER

SODIUM HYDROXIDE

SLUDGE LOADOUT

CHLORINATION CHAMBER

AERATED DIGESTER

AERATED DIGESTER

FINAL CLARIFIER EFFLUENT/FILTER INFLUENT PUMP STATION

DISK FILTER

BIOSOLIDS SLUDGE TRAILER PARKING AREA

LAB

AERATED DIGESTER

AERATED DIGESTER

WASTEWATER OUTFALL

HOLDING BASIN (TO HEADWORKS)

DUMPSTER

DECHLORINATION CHAMBER

SODIUM BISULFITE TANK

MATERIALS STORAGE AREA

DUMPSTERS

FM 127

RECEIVING STREAM: TANKERSLEY CREEK

NOTES:
1. LOCATION OF UNDERGROUND STORM SEWER PIPING IS APPROXIMATE.
2. THE GENERAL TOPOGRAPHIC AND ELEVATION DATA SHOWN HERON WAS OBTAINED FROM ON-SITE OBSERVATIONS AND IS NOT CERTIFIED AS CORRECT BY THIS ENGINEER. USERS OF THIS DATA DO SO AT THEIR OWN RISK.
3. ALL WATER, SPILLS, ETC. IN "COMPLETE CAPTURE" CONTAINMENT ZONES IS ROUTED TO THE ONSITE WASTEWATER PRETREATMENT SYSTEM.

NORTH

GRAPHIC SCALE
0 100

JOB NO.	22–118
DRAWN BY	JEC
CHECKED BY	TTS
SCALE	1"=100'
SHEET	FIGURE 3
DATE	4/12/23
REV	

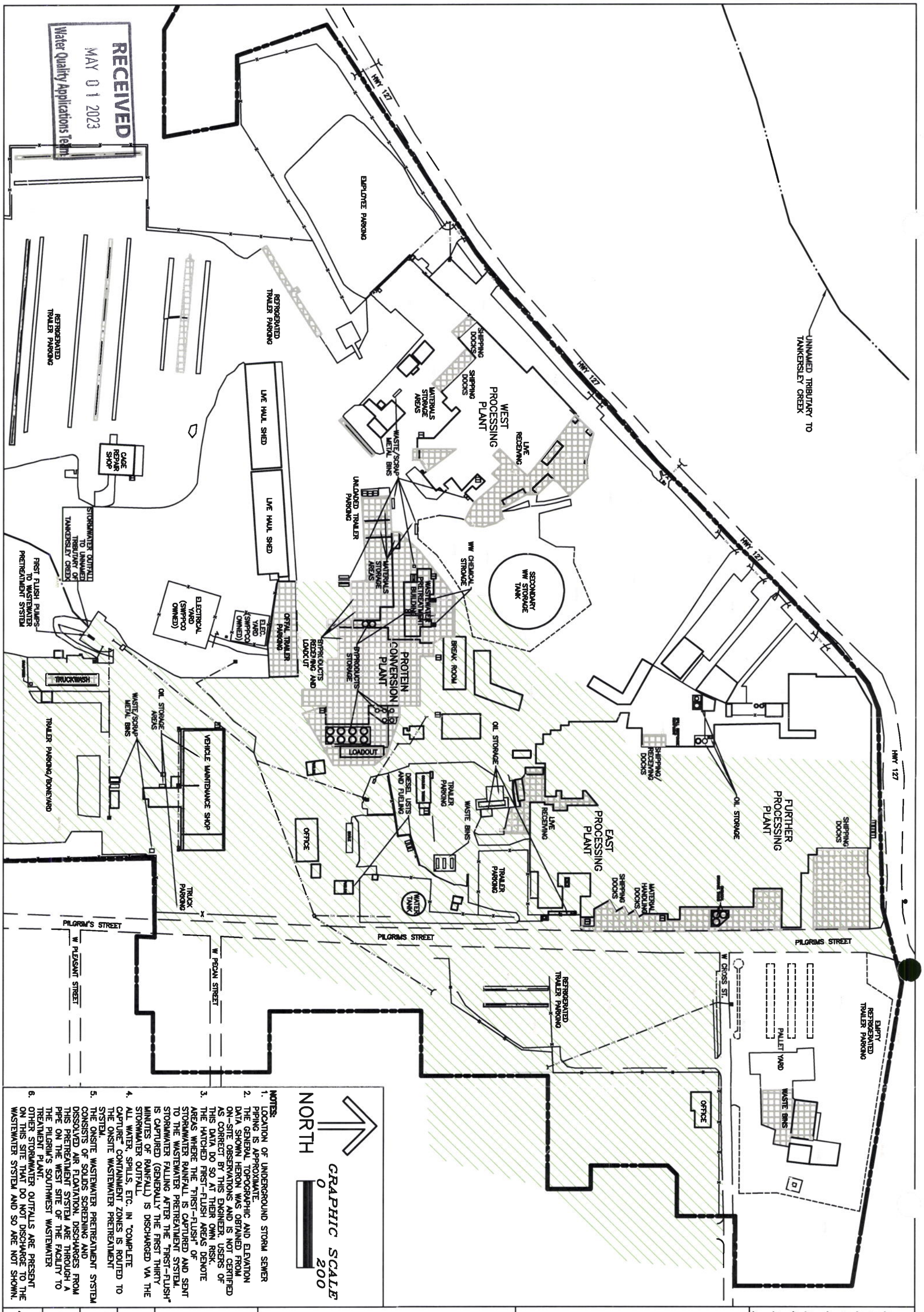
PILGRIM'S PRIDE CORPORATION
SOUTHWEST WW TREATMENT PLANT
664 FM 127 ROAD WEST
MT. PLEASANT, TX 75455
TITUS COUNTY, TEXAS

FIGURE 3 - PILGRIM'S WASTEWATER TREATMENT PLANT FACILITY MAP

WHEE
WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.
4405 CANTON HWY, SUITE 100
CUMMING, GEORGIA 30040
TEL: 770–844–0037

FIGURE 4
PILGIRM'S MT. PLEASANT POULTRY COMPLEX FACILITY MAP

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NOTES:
1. LOCATION OF UNDERGROUND STORM SEWER PIPING IS APPROXIMATE.
2. THE GENERAL TOPOGRAPHIC AND ELEVATION DATA SHOWN HERON WAS OBTAINED FROM ON-SITE OBSERVATIONS AND IS NOT CERTIFIED AS CORRECT BY THIS ENGINEER. USERS OF THIS DATA DO SO AT THEIR OWN RISK.
3. THE HATCHED FIRST-FLUSH AREAS DENOTE AREAS WHERE THE "FIRST-FLUSH" OF STORMWATER RAINFALL IS CAPTURED AND SENT TO THE WASTEWATER PRETREATMENT SYSTEM. STORMWATER FALLING AFTER THE "FIRST-FLUSH" IS CAPTURED (GENERALLY THE FIRST THIRTY MINUTES OF RAINFALL) IS DISCHARGED VIA THE STORMWATER OUTFALL.
4. ALL WATER, SPILLS, ETC. IN "COMPLETE CAPTURE" CONTAINMENT ZONES IS ROUTED TO THE ONSITE WASTEWATER PRETREATMENT SYSTEM.
5. THE ONSITE WASTEWATER PRETREATMENT SYSTEM CONSISTS OF SOLIDS SCREENING AND DISSOLVED AIR FLOATATION. DISCHARGES FROM THIS PRETREATMENT SYSTEM ARE THROUGH A PIPE ON THE WEST SITE OF THE FACILITY TO THE PILGRIM'S SOUTHWEST WASTEWATER TREATMENT PLANT.
6. OTHER STORMWATER OUTFALLS ARE PRESENT ON THIS SITE THAT DO NOT DISCHARGE TO THE WASTEWATER SYSTEM AND SO ARE NOT SHOWN.

NORTH

GRAPHIC SCALE
0 200

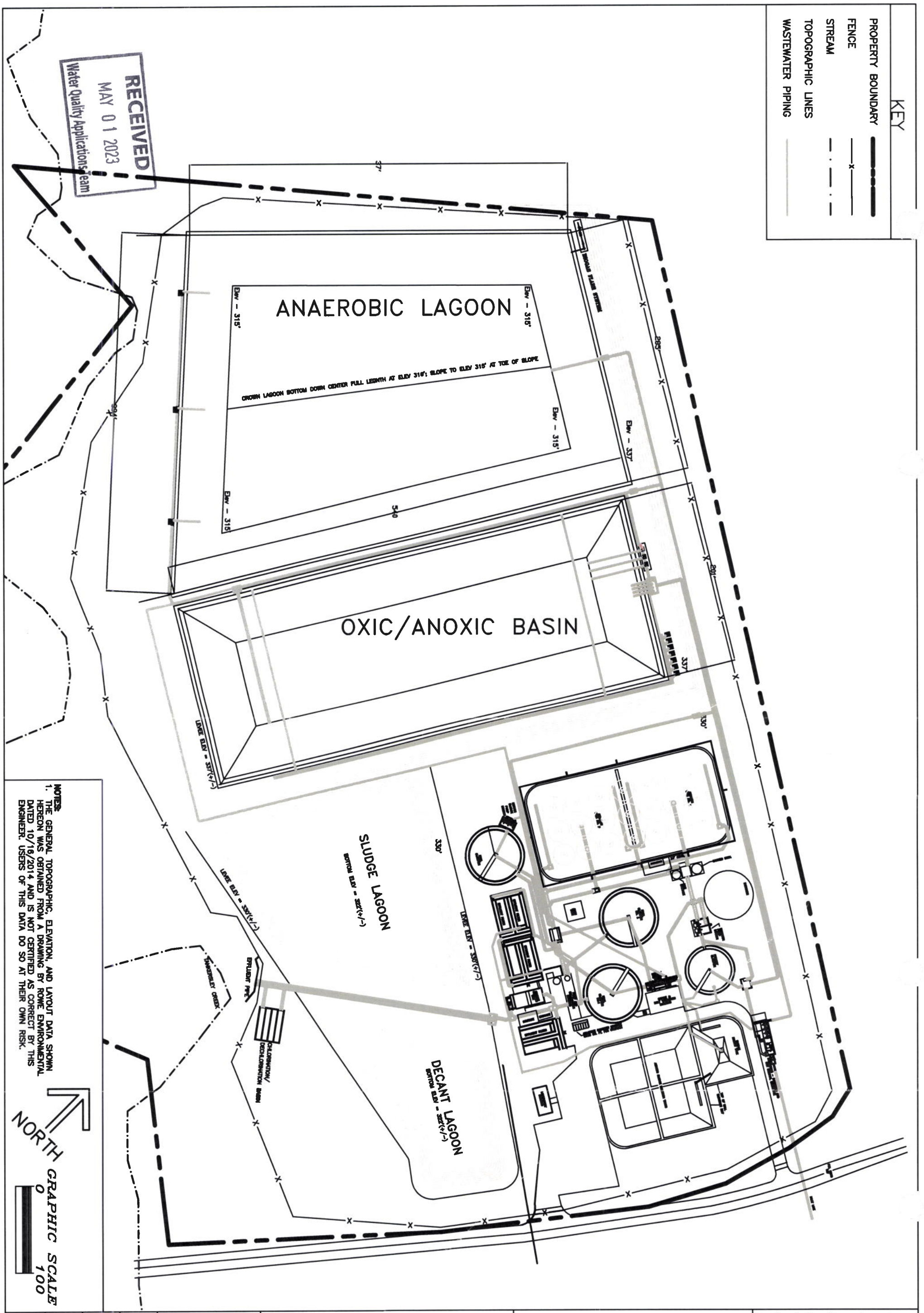
DRAWN BY	JEC
CHECKED BY	TTS
SCALE	1"=200'
SHEET	FIGURE 4
DATE	4/12/2023
REV	
JOB NO.	22-118

PILGRIMS PRIDE CORPORATION
MT. PLEASANT
PROCESSING COMPLEX
1000 S O'TYSON AVENUE MT.
PLEASANT, TX 75455
TITUS COUNTY

FIGURE 4 - PILGRIM'S MT. PLEASANT POULTRY NETEX COMPLEX FACILITY MAP

WHEE
WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.
4405 CANTON HWY, SUITE 100
CUMMING, GEORGIA 30040
TEL: 770-844-0037

FIGURE 5
TOPOGRAPHY
AND
TREATMENT
SYSTEM LAYOUT



JOB NO. 22-118	PILGRIM'S PRIDE CORPORATION SOUTHWEST WW TREATMENT PLANT 664 FM 127 ROAD WEST MT. PLEASANT, TX 75455 TITUS COUNTY, TEXAS	FIGURE 5 - TOPOGRAPHY AND TREATMENT SYSTEM LAYOUT	WHEE WOODRUFF & HOWE ENVIRONMENTAL ENGINEERING, INC. 4405 CANTON HWY, SUITE 100 CUMMING, GEORGIA 30040 TEL: 770-844-0037

DRAWN BY	CHECKED BY	SCALE	SHEET	DATE	REV
JEC	TTS	1"=100'	FIGURE 5	4/12/2023	

FIGURE 6
WASTEWATER FLOW SCHEMATIC

NOTES:
1. FLOW VALUES FOR THE AVERAGE AND MAXIMUM AMOUNT OF POTABLE WATER SUPPLIED TO THE FACILITY ARE DERIVED FROM WATER BILLS FOR THE COMPLEX DATED FROM JANUARY 2021 – DECEMBER 2022. APPROXIMATELY 0.8 MGD OF REUSE WATER IS SUPPLIED TO THE FACILITY FROM THE SOUTHWEST WASTEWATER TREATMENT PLANT DAILY TO SUPPLEMENT THE POTABLE WATER SUPPLY. SOME WATER IS LOST IN PROCESSING OPERATIONS (CARRIED OUT IN PRODUCT, ETC.), SO THE AVERAGE AMOUNT OF WATER SUPPLIED TO THE COMPLEX IS GREATER THAN THE AVERAGE AMOUNT OF WASTEWATER TREATED IN THE WASTEWATER TREATMENT PLANT. DISCHARGES FROM THE PROCESSING COMPLEX WERE ESTIMATED BY ASSUMING THE PROPORTION OF POTABLE WATER DELIVERED TO EACH PLANT (COMPARED TO THE TOTAL AMOUNT OF POTABLE WATER DELIVERED TO THE COMPLEX) IS ROUGHLY THE SAME AS THE PROPORTION OF THE ACTUAL WASTEWATER DISCHARGED FROM EACH PLANT AT THE COMPLEX COMPARED TO THE TOTAL AMOUNT OF WASTEWATER DISCHARGED FROM THE COMPLEX. ALSO NOTE THAT THE MAXIMUM EFFLUENT FLOW DISCHARGED FROM THE WASTEWATER PLANT (AND EACH ASSOCIATED FACILITY) IS GREATER THAN THE MAXIMUM AMOUNT OF POTABLE WATER SUPPLIED TO THE FACILITY. THIS IS BECAUSE STORMWATER IS COLLECTED FROM "COMPLETE CAPTURE" AND "FIRST-FLUSH" AREAS AT THE PROCESSING COMPLEX AND TREATED IN THE WASTEWATER SYSTEM. HEAVY RAIN EVENTS CAN SUPPLY SIGNIFICANT ADDITIONAL WATER TO THE WASTEWATER PROCESSING PLANT THAT IS NOT REFLECTED IN POTABLE WATER FLOWS BUT IS REFLECTED IN THE DISCHARGE.
2. AVERAGE AND MAXIMUM WASTEWATER FLOWS FOR PRIVATE RESIDENCES ARE EXPECTED TO BE APPROXIMATELY THE SAME. DAILY FLOW IS CALCULATED ASSUMING EACH HOME IS ON AVERAGE A FOUR BEDROOM HOME USING AN AVERAGE OF 375 GALLONS/DAY. WATER USAGE RATE PER HOME IS TAKEN FROM TABLE III "WASTEWATER USAGE RATE" IN THE TCEQ ON-SITE SEWAGE FACILITY RULES COMPILATION.
3. APPROXIMATELY 0.8 MGD OF TREATED WASTEWATER IS RECYCLED BACK TO THE PROCESSING COMPLEX FOR REUSE EACH DAY. THE REMAINDER OF THE FLOW IS DISCHARGED TO WASTEWATER OUTFALL 001. THE AVERAGE AND MAXIMUM OBSERVED FLOWS LISTED WERE OBTAINED FROM EFFLUENT MEASUREMENTS TAKEN FROM JANUARY 2021 – NOVEMBER 2022.
4. SLUDGE CAN BE TEMPORARILY DIVERTED TO TWO ONSITE HOLDING LAGOONS IN THE EVENT THE SLUDGE PRESS IS NOT OPERATIONAL. WATER FROM THESE LAGOONS IS PERIODICALLY DECANTED AND PUMPED TO THE HEADWORKS OF THE TREATMENT PLANT AS NEEDED, AND SLUDGE FROM THE BOTTOM OF THE POND CAN BE PUMPED BACK TO THE DIGESTER FOR EVENTUAL DISPOSAL OFFSITE VIA PERMITTED LAND APPLICATION.

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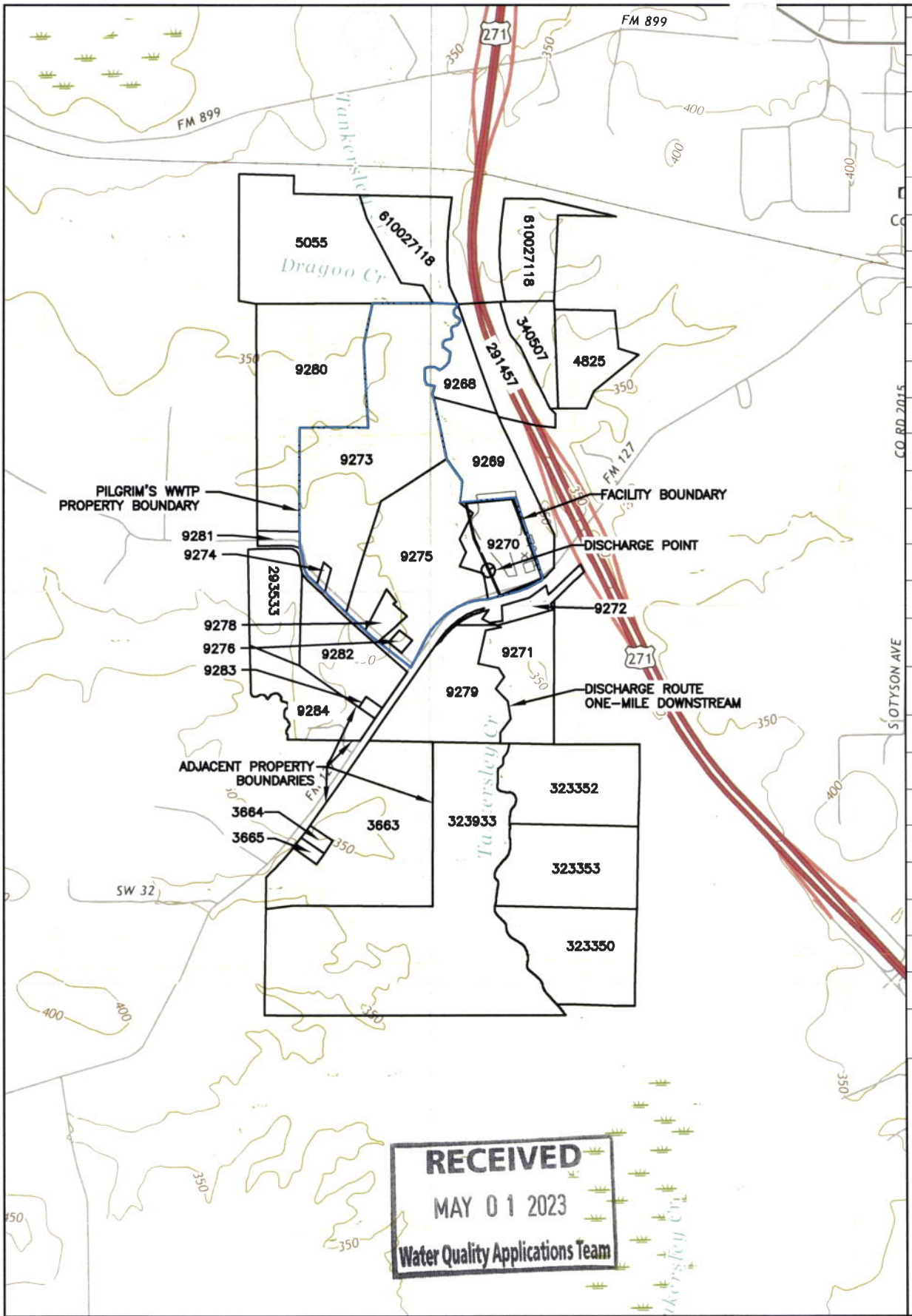
JOB NO.	22-118
DRAWN BY	JEC
CHECKED BY	TTS
SCALE	NTS
SHEET	FIGURE 6
DATE	4/12/2023
REV	

PILGRIM'S PRIDE CORPORATION
SOUTHWEST WW TREATMENT PLANT
664 FM 127 ROAD WEST
MT. PLEASANT, TX 75455
TITUS COUNTY, TEXAS

FIGURE 6 - WASTEWATER FLOW SCHEMATIC

WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.
4405 CANTON HWY, SUITE 100
CUMMING, GEORGIA 30040
TEL: 770-844-0037

FIGURE 7
LANDOWNER MAP



PROPERTY ID	OWNER'S INFORMATION
3663	PMCI PROPERTIES II LP PO BOX 1540 MT PLEASANT, TX 75456-1540
3664	PMCI PROPERTIES II LP PO BOX 1540 MT PLEASANT, TX 75456-1540
3665	PMCI PROPERTIES II LP PO BOX 1540 MT PLEASANT, TX 75456-1540
4825	JORGE HUMBERTO PEREZ & PERLA RUIZ DE PEREZ 1522 SUGAR FORD WAY JOLIET, IL 60433
5055	GARRETSON JOHNNY M 947 FARM ROAD 899 MOUNT PLEASANT, TX 75455-9229
9268	MENDOZA JOSE & GABRIELA 559 CR 1314 MOUNT PLEASANT, TX 75455
9269	RICHEY BIRDIE NELL 3054 VILLA SUR TRL DALLAS, TX 75228
9270	CITY OF MT PLEASANT TEXAS 501 N MADISON MOUNT PLEASANT, TX 75455-3650
9271	PMCI PROPERTIES II LP PO BOX 1540 MT PLEASANT, TX 75456-1540
9272	PILGRIMS PRIDE CORP 1770 PROMONTORY CIRCLE GREELEY, CO 80634
9273	PILGRIMS PRIDE CORP 1770 PROMONTORY CIRCLE GREELEY, CO 80634
9274	LOPEZ GABRIEL 160 COUNTY ROAD 2120 MOUNT PLEASANT, TX 75455
9275	PILGRIMS PRIDE CORP 1770 PROMONTORY CIRCLE GREELEY, CO 80634
9276	PILGRIMS PRIDE CORP 1770 PROMONTORY CIRCLE GREELEY, CO 80634
9278	PILGRIMS PRIDE CORP 1770 PROMONTORY CIRCLE GREELEY, CO 80634
9279	PMCI PROPERTIES II LP PO BOX 1540 MT PLEASANT, TX 75456-1540
9280	DOUGLAS PEGGY JEAN & DANNY EDGAR DOUGLAS LIE 464 COUNTY ROAD 2120 MOUNT PLEASANT, TX 75455-9111
9281	DOUGLAS PEGGY JEAN & DANNY EDGAR DOUGLAS LIE 464 COUNTY ROAD 2120 MOUNT PLEASANT, TX 75455-9111
9282	MCGUIRE DEBRA GLOVER 165 COUNTY ROAD 2120 MOUNT PLEASANT, TX 75455
9283	GLOVER FRANK M ESTATE 165 COUNTY ROAD 2120 MOUNT PLEASANT, TX 75456-0287
9284	GLOVER FRANK M ESTATE 165 COUNTY ROAD 2120 MOUNT PLEASANT, TX 75456-0287
291457	TEXAS DEPT OF TRANSPORTATION 7600 WASHINGTON AVE HOUSTON, TX 77007
323350	CALDWELL CHARLES SARGENT JR 2370 FM 127 MOUNT PLEASANT, TX 75455
323352	CALDWELL WILLIAM HARGROVE 408 REDBUD LN MOUNT PLEASANT, TX 75455-5757
323353	CALDWELL ALFRED MYLES 1024 VZCR 1923 FRUITVALE, TX 75127
323933	CALDWELL WILLIAM HARGROVE 408 REDBUD LN MOUNT PLEASANT, TX 75455-5757
340507	VILLARREAL C&M FAMILY LIMITED PARTNERSHIP LTD 216 MARKET AV STE 115 BOERNE, TX 78006

NORTH

GRAPHIC SCALE
0 1/3 MI.

JOB NO. 22-118	
DRAWN BY: JEC	CHECKED BY: TTS
SCALE: 1"=1/3 MI.	SHEET: FIGURE 7
DATE: 4/14/2023	REV:

PILGRIM'S PRIDE CORPORATION
SOUTHWEST WW TREATMENT PLANT
664 FM 127 ROAD WEST
MT. PLEASANT, TX 75455
TITUS COUNTY, TEXAS

FIGURE 7 -
LANDOWNER MAP

WHEE
WOODRUFF & HOWE
ENVIRONMENTAL ENGINEERING, INC.
4405 CANTON HWY, SUITE 100
CUMMING, GEORGIA 30040
TEL: 770-844-0037

ATTACHMENT A
LONG TERM
LEASE
AGREEMENT

Attachment A – Long Term Lease Agreement

CITY OF MT. PLEASANT, TEXAS
SOUTHWEST SEWER PLANT
OPERATING AND PERMITTING AGREEMENT

THE STATE OF TEXAS

COUNTY OF TITUS

This Agreement made by and between **PILGRIM'S PRIDE CORPORATION**,, a corporation organized under the laws of the State of Texas (herein called "**PILGRIM**") and the **CITY OF MT. PLEASANT, TEXAS**, a municipal corporation (herein called "**CITY**")

W I T N E S S E T H :

WHEREAS, the **CITY** is the owner of a sewer treatment plant located on State Highway 127, Southwest of the City of Mt. Pleasant, in Titus County, Texas, known as the Southwest Sewer Plant, which is presently being operated by **PILGRIM**, under an operating agreement dated September 30, 1982; and

WHEREAS, the plant is presently being operated under a permit issued by the Texas Water Commission. No. 10575-03, and NPDES permit No. TX0062936, which are currently held by the City of Mt. Pleasant, Texas; and

WHEREAS, both parties are desirous of **PILGRIM'S** continued operation of the plant and of transferring the permit for its

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operation from the various regulatory agencies to PILGRIM as soon as approval is received from the various regulatory agencies involved

The terms, conditions, and provisions of this operating and permitting agreement are:

1. Exclusive Right to Operate.

The CITY grants to PILGRIM the exclusive right to operate said sewer plant for the terms shown in Paragraph 10 of this agreement.

2. Maintenance and Personnel.

PILGRIM shall pay all expenses of maintaining, repairing, and operating said sewer plant and all connecting lines (except for residential lines), during the term of this agreement. PILGRIM expressly agrees to provide adequate and trained personnel to operate this type of facility and among whom shall be a certified operator who is licensed by the appropriate regulatory agency of the State of Texas, and any other governmental agency having jurisdiction over the operation of a sewer plant. The personnel provided by PILGRIM shall be employees of PILGRIM, and in no manner shall they be considered as employees of CITY. PILGRIM shall be responsible for maintaining liability insurance coverage and occupational injury coverage that PILGRIM normally provides for its employees.

3. Capital Improvements.

Any item of repair, addition, or capital improvement to said sewer plant shall be paid by PILGRIM. Expenditures for capital improvements exceeding ONE HUNDRED THOUSAND AND NO/100 ($100,000) DOLLARS shall be presented to the CITY for its approval, along with the approval of PILGRIM. The approval of the CITY shall not be unreasonably withheld and any approval shall be granted as soon as possible. A decision on the approval or disapproval by the CITY shall be made within thirty (30) calendar days from the receipt of such request from PILGRIM, and shall be communicated to PILGRIM. For any modification or addition of a major component of the plant on a specific project where expenditures shall not exceed $100,000.00, PILGRIM shall provide all plans and specifications to the CITY, but shall not require CITY approval prior to making such modifications or alterations. PILGRIM shall

comply with all applicable regulations, as issued by the Texas Water Commission and Environmental Protection Agency, as well as any compliance or administrative orders issued by those agencies. In the event **PILGRIM** should fail to comply with any compliance order issued by the Water Commission or the Environmental Protection Agency and fails to timely object to and appeal such order, the **CITY** shall have the right to terminate this agreement upon verification from such agency that **PILGRIM** has failed to comply with any such order and fails to timely object to and appeal such order.

4. Payment of Debt Service.

CITY shall be responsible for the payment of interest and principal of the debt service owing on the plant and lines, and **PILGRIM** shall reimburse **CITY** on the first of each October and April, beginning October 15, 1988, in the amounts shown on the schedule attached hereto called PRINCIPAL & INTEREST PAYMENTS BONDS FOR SOUTHWEST SEWAGE DISPOSAL PLANT.

Should **PILGRIM** fail to make any payment required herein, **CITY** shall give **PILGRIM** notice of cancellation to be effective after thirty (30) days from the date of the notice, and **CITY** may cancel if **PILGRIM** fails to make the payment within the thirty (30) days.

All payments made by **PILGRIM** to the **CITY** hereunder shall be deemed rental considerations.

5. Disposition of Plant.

Should this agreement be terminated by either party according to the terms of this agreement, or any provision in the laws of the State of Texas which might render any part of the agreement void, the **CITY** may, at its option, dispose of the sewage plant in accordance with the laws of the State of Texas in force at that time.

In the event the plant is purchased by any entity other than **PILGRIM**, any purchaser shall, as a part of the consideration, reimburse **PILGRIM** for any capital improvements, less depreciation, as determined by Generally Accepted Accounting Principles, made to the plant by **PILGRIM**, plus any payments made by **PILGRIM** on the bond indebtedness. Should **PILGRIM** enter a bid on the purchase of the plant as required by any applicable municipal statutes, then **PILGRIM** shall be given credit on such bid for any capital improvements less depreciation, as determined by Generally Accepted Accounting Principles, plus any payments made by **PILGRIM** on the bond indebtedness. Such payments on bond indebtedness shall include principal only and not include any payments of interest.

6. Hold Harmless Clause.

PILGRIM shall carry, at its expense, public liability insurance for the plant premises and operators in not less than ONE MILLION AND NO/100 ($1,000,000) DOLLARS, and occupational injury coverage that **PILGRIM** normally provides for its employees.

In addition to the insurance requirements, **PILGRIM** agrees and binds itself to hold **CITY** harmless against all claims, demands, fees, and costs growing out of its operation of said sewer plant.

7 Existing and Additional Connections to Plant

At the effective date of this contract, there are residences and businesses other than **PILGRIM** connected to the Southwest Sewer Plant. These connections will continue with **CITY** making the charges and collecting for the sewer service and will remit these funds to **PILGRIM** each month. During the life of this contract, additional connections can be made only by consent of **PILGRIM** and **CITY**, and the monies collected for these connections will be paid to **PILGRIM**.

8. Independent Contractor.

Parties realize that said sewer plant must be operated in accordance with the rules and regulations made and enforced by the Texas Water Commission and the Environmental Protection Agency, as well as the Health Department of the State of Texas, and perhaps other governmental bodies that may have jurisdiction over such plant operations. **PILGRIM** agrees that it will comply with all such rules and regulations as expeditiously as can be done, and **CITY** agrees that it will cooperate with **PILGRIM** in providing advise and counsel regarding **PILGRIM'S** compliance with such rules and regulations.

9. Sewerage and Garbage Collection Fees.

From and after September 30, 1982 and during **PILGRIM'S** operation of said plant, **PILGRIM** shall not be responsible to **CITY** for the payment of any sewerage fees on any of its businesses served by this plant.

10. Term.

The term of this agreement shall be for a period of twenty (20) years from and after the effective date of June 1, 1988, and in addition thereto, **PILGRIM** shall have three (3) consecutive ten (10) year option periods should it desire to continue as the

operator of said plant for any or all of the option periods. The option shall be automatically renewed unless terminated in writing.

11. Transfer of Permit to Operate

It is expressly agreed by the parties that PILGRIM will make all necessary applications to transfer the permit for the operation of the plant from the name of the City of Mt. Pleasant, Texas, to the name of Pilgrim's Pride Corporation. Such transfer shall be subject to approval of the Texas Water Commission and the Environmental Protection Agency, and will cause the plant to be operated under an industrial permit rather than a municipal permit. The parties agree that should either of the regulatory agencies require changes in this agreement, both parties will use their best efforts to comply with those requirements.

12. Entire Agreement.

This agreement constitutes the entire agreement of the parties as to the matters contained herein, and shall supersede all prior agreements entered into by the parties, and shall render those operating agreements null and void.

This contract signed on this the 4th day of MAY 1988, by parties duly authorized by their governing bodies to execute same.

CITY OF MT. PLEASANT, TEXAS

By _____
Mayor

ATTEST:
City Secretary

_____
City Manager

PILGRIM'S PRIDE CORPORATION

By _____
Vice-Chairman

ATTEST:
Asst. Secretary

STATE OF TEXAS

COUNTY OF TITUS

The foregoing instrument was acknowledged before me on the 4 day of May, 1988, by VAN JAMES, City Manager of the City of Mt. Pleasant, Texas, for and on behalf of said City, for the purposes set forth, and in the capacity stated.

OFFICIAL SEAL
KERRY WOOTTEN
NOTARY PUBLIC
STATE OF TEXAS
My Comm Expires June 16, 1992

Kerry Wootten
NOTARY PUBLIC in and for
THE STATE OF T E X A S

STATE OF TEXAS

COUNTY OF TITUS

The foregoing instrument was acknowledged before me on the 4th day of May, 1988, by CLIFF BUTLER, Vice-Chairman of PILGRIM'S PILGRIM PRIDE CORPORATION, for and on behalf of said Corporation, for the purposes set forth, and in the capacity stated.

Wanda L. Harwell
NOTARY PUBLIC in and for
THE STATE OF T E X A S

PRINCIPAL & INTEREST PAYMENTS BONDS
FOR SOUTHWEST SEWAGE DISPOSAL PLANT

DATE	PRINCIPAL	INTEREST	DATE	INTEREST	YR. TOTAL
10-15-88	55,000.00	8,606.25	4-15-89	6,853.13	70,459.38
10-15-89	60,000.00	6,853.13	4-15-90	4,940.62	71,793.75
10-15-90	75,000.00	4,940.62	4-15-91	2,550.00	82,490.62
10-15-91	80,000.00	2,550.00	4-15-91	0.00	82,550.00

EXHIBIT 4

ATTACHMENT B
PHOTOGRAPHS OF STRUCTURES OLDER THAN 50 YEARS

Attachment B – Photographs of Structures Older than 50 Years





The only structures at the facility that are over 50 year old are concrete basins that were constructed in the 1950s when the plant was originally built. There are no historic buildings on the site.

ATTACHMENT C
BOILER AND COOLING TOWER CHEMICAL SDS INFORMATION

FURTHER PROCESSING PLANT SAFETY DATA SHEETS

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NALCO® BC1011

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NALCO® BC1011
Other means of identification	:	Not applicable.
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630)305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	10/27/2016

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Precautionary Statements :

Prevention:
Wash hands thoroughly after handling.
Response:
Specific measures: consult SDS Section 4.
Storage:
Store in accordance with local regulations. Protect product from freezing.

Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Chemical Name	CAS-No.	Concentration: (%)
Sodium Bisulfite	7631-90-5	1 - 5

Section: 4. FIRST AID MEASURES

In case of eye contact	:	Rinse with plenty of water. Get medical attention if symptoms occur.
In case of skin contact	:	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
If swallowed	:	Rinse mouth. Get medical attention if symptoms occur.
If inhaled	:	Get medical attention if symptoms occur.

Protection of first-aiders	:	In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.
Notes to physician	:	Treat symptomatically.
Most important symptoms and effects, both acute and delayed	:	See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known.
Specific hazards during firefighting	:	Not flammable or combustible.
Hazardous combustion products	:	Decomposition products may include the following materials: Sulphur oxides
Special protective equipment for firefighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	No special environmental precautions required.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	For personal protection see section 8. Wash hands after handling.
Conditions for safe storage	:	Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers. Protect product from freezing.

Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use.
Unsuitable material	:	not determined

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Sodium Bisulfite	7631-90-5	TWA	5 mg/m3	ACGIH
		TWA	5 mg/m3	NIOSH REL

Engineering measures	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Eye protection	:	Safety glasses
Hand protection	:	Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	:	Wear suitable protective clothing.
Respiratory protection	:	No personal respiratory protective equipment normally required.
Hygiene measures	:	Wash hands before breaks and immediately after handling the product.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	colourless
Odour	:	Pungent
Flash point	:	> 93.3 °C
pH	:	7.0 - 7.5, 100 %
Odour Threshold	:	no data available
Melting point/freezing point	:	no data available
Initial boiling point and boiling range	:	> 100.0 °C
Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available

Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	1.14 - 1.24,
Density	:	no data available
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition temperature	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	0 %, Calculation method

Section: 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	None known.
Incompatible materials	:	Acids Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors. Contains Sulfite. SO2 may react with vapors from neutralizing amines and may produce a visible cloud of amine salt particles.
Hazardous decomposition products	:	Decomposition products may include the following materials: Sulphur oxides

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Health injuries are not known or expected under normal use.
Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.

Inhalation	:	Health injuries are not known or expected under normal use.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	No symptoms known or expected.
Skin contact	:	No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
Inhalation	:	No symptoms known or expected.

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	no data available
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	Result: Contains an ingredient that can cause asthmatic-like reactions in sulfite-sensitive individuals.
Carcinogenicity		
IARC		No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA		No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP		No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects	:	This product has no known ecotoxicological effects.

Product

Toxicity to fish	:	LC50 Fathead Minnow: > 10,000 mg/l Exposure time: 48 hrs Test substance: Product LC50 Fathead Minnow: > 10,000 mg/l Exposure time: 96 hrs Test substance: Product NOEC Fathead Minnow: 10,000 mg/l Exposure time: 96 hrs Test substance: Product
Toxicity to daphnia and other aquatic invertebrates	:	LC50 Ceriodaphnia dubia: 1,507 mg/l Exposure time: 48 hrs Test substance: Product NOEC Ceriodaphnia dubia: 467 mg/l Exposure time: 48 hrs Test substance: Product

Persistence and degradability

Greater than 95% of this product consists of inorganic substances for which a biodegradation value is not applicable.

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	50 - 70%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

Disposal methods	:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

The presence of an RQ component (Reportable Quantity for U.S. DOT) in this product causes it to be regulated with an additional description of RQ for road, or as Environmentally hazardous for road and air, ONLY when the net weight in the package exceeds the calculated RQ for the product.

Land transport (DOT)

Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name(s)	:	Sodium Bisulfite
UN/ID No.	:	UN 3082
Transport hazard class(es)	:	9
Packing group	:	III
Reportable Quantity (per package)	:	164,951 lbs
RQ Component	:	SODIUM BISULFITE

Air transport (IATA)

Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name(s)	:	Sodium Bisulfite
UN/ID No.	:	UN 3082
Transport hazard class(es)	:	9
Packing group	:	III
Reportable Quantity (per package)	:	164,951 lbs
RQ Component	:	SODIUM BISULFITE

Sea transport (IMDG/IMO)

Proper shipping name	:	PRODUCT IS NOT REGULATED DURING TRANSPORTATION

Section: 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium Bisulfite	7631-90-5	5000	164951

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

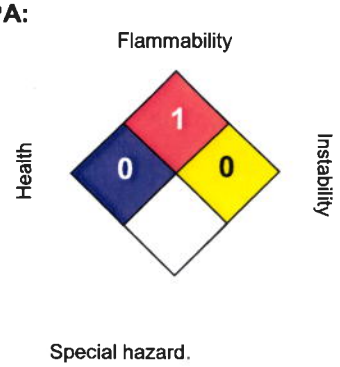
INTERNATIONAL CHEMICAL CONTROL LAWS :

TOXIC SUBSTANCES CONTROL ACT (TSCA)
The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	10/27/2016
Version Number	:	1.2
Prepared By	:	Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality

specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NALCO® BC2036T

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NALCO® BC2036T
Other means of identification	:	Not applicable.
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630) 305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	05/15/2020

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Precautionary Statements	:	**Prevention:** Wash hands thoroughly after handling. **Response:** Get medical advice/ attention if you feel unwell. **Storage:** Store in accordance with local regulations.
Other hazards	:	None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture	:	Mixture

No hazardous ingredients

Section: 4. FIRST AID MEASURES

In case of eye contact	:	Rinse with plenty of water. Get medical attention if symptoms occur.
In case of skin contact	:	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
If swallowed	:	Rinse mouth. Get medical attention if symptoms occur.
If inhaled	:	Get medical attention if symptoms occur.
Protection of first-aiders	:	In event of emergency assess the danger before taking action. Do not put

		yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.
Notes to physician	:	Treat symptomatically.
Most important symptoms and effects, both acute and delayed	:	See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known.
Specific hazards during firefighting	:	Not flammable or combustible.
Hazardous combustion products	:	Decomposition products may include the following materials: Carbon oxides Sulphur oxides
Special protective equipment for firefighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	No special environmental precautions required.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	For personal protection see section 8. Wash hands after handling.
Conditions for safe storage	:	Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.

Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Shipping and long term storage compatibility with construction materials can vary; we therefore recommend that compatibility is tested prior to use.
Unsuitable material	:	not determined

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Eye protection	:	Safety glasses
Hand protection	:	Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	:	Wear suitable protective clothing.
Respiratory protection	:	No personal respiratory protective equipment normally required.
Hygiene measures	:	Wash hands before breaks and immediately after handling the product.

The Personal Protective Equipment (PPE) recommendations provided above have been made in good faith based on typical expected conditions of use. PPE selection should always be completed in conjunction with a proper risk assessment and in accordance with a PPE management program.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	green
Odour	:	odourless
Flash point	:	> 93.3 °C
pH	:	10.5 - 11.5,(100 %), (25 °C)
Odour Threshold	:	no data available
Melting point/freezing point	:	no data available
Initial boiling point and boiling range	:	no data available
Evaporation rate	:	no data available

Flammability (solid, gas)	:	Not applicable.
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	1.15, (25 °C),
Density	:	no data available
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	no data available

Section: 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Extremes of temperature None known.
Incompatible materials	:	Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.
Hazardous decomposition products	:	In case of fire, hazardous decomposition products may be produced such as: Carbon oxides Sulphur oxides

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Health injuries are not known or expected under normal use.

Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.
Inhalation	:	Health injuries are not known or expected under normal use.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	No symptoms known or expected.
Skin contact	:	No symptoms known or expected.
		No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
		No symptoms known or expected.
Inhalation	:	No symptoms known or expected.
		No symptoms known or expected.

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	no data available
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects	:	This product has no known ecotoxicological effects.

Product

Toxicity to fish	:	LC50 Fathead Minnow: 3,089 mg/l Exposure time: 48 h Test substance: Product LC50 Fathead Minnow: 3,089 mg/l Exposure time: 96 h Test substance: Product
Toxicity to daphnia and other aquatic invertebrates	:	LC50 Ceriodaphnia dubia: 1,716 mg/l Exposure time: 48 h Test substance: Product NOEC Ceriodaphnia dubia: 1,296 mg/l Exposure time: 48 h Test substance: Product

Persistence and degradability

no data available

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	10 - 30%
Soil	:	70 - 90%

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

Disposal methods	:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

The presence of an RQ component (Reportable Quantity for U.S. DOT) in this product causes it to be regulated with an additional description of RQ for road, or as Environmentally hazardous for road and air, ONLY when the net weight in the package exceeds the calculated RQ for the product.

Land transport (DOT)

Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name(s)	:	Sodium Tripolyphosphate
UN/ID No.	:	UN 3082
Transport hazard class(es)	:	9
Packing group	:	III
Reportable Quantity (per package)	:	67,750 lbs
RQ Component	:	Sodium Tripolyphosphate

Air transport (IATA)

Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name(s)	:	Sodium Tripolyphosphate
UN/ID No.	:	UN 3082
Transport hazard class(es)	:	9
Packing group	:	
Reportable Quantity (per package)	:	67,750 lbs
RQ Component	:	Sodium Tripolyphosphate

Sea transport (IMDG/IMO)

Proper shipping name	:	PRODUCT IS NOT REGULATED DURING TRANSPORTATION

Section: 15. REGULATORY INFORMATION

TSCA list	:	No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium Tripolyphosphate	7758-29-4	5000	67750

CERCLA Reportable Quantity

This product does not contain a RQ substance, or this product contains a substance with a RQ, however the calculated RQ exceeds the reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : This material does not contain any components with a section 302 EHS TPQ.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

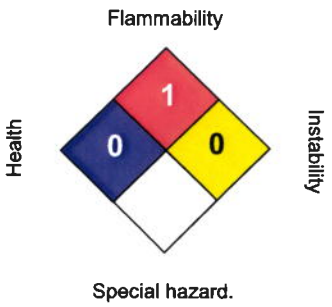
INTERNATIONAL CHEMICAL CONTROL LAWS :

Canadian Domestic Substances List (DSL)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

United States TSCA Inventory
On or in compliance with the active portion of the TSCA inventory

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date : 05/15/2020
Version Number : 1.3
Prepared By : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use,

processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NALCO® 2B11

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NALCO® 2B11
Other means of identification	:	Not applicable.
Recommended use	:	ALKALINITY CONTROL
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630)305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	03/19/2018

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion	:	Category 1A
Serious eye damage	:	Category 1

GHS Label element

Hazard pictograms :



Signal Word	:	Danger
Hazard Statements	:	Causes severe skin burns and eye damage.
Precautionary Statements	:	**Prevention:** Keep only in original container. Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. **Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse.Absorb spillage to prevent material damage. **Storage:** Store in corrosive resistant stainless steel container with a resistant inner liner.

Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Concentration: (%)
Sodium Hydroxide	1310-73-2	30 - 60

Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

Protection of first-aiders : In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.

Notes to physician : Treat symptomatically.

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

Specific hazards during firefighting : Not flammable or combustible.

Hazardous combustion products : Carbon oxides metal oxides

Special protective equipment for firefighters : Use personal protective equipment.

Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation.
Conditions for safe storage	:	Do not store near acids. Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.
Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Stainless Steel 304, Stainless Steel 316L, HDPE (high density polyethylene), MDPE, EPDM, Neoprene, Nitrile, Perfluoroelastomer, PTFE, TFE, FEP (encapsulated), Fluoroelastomer
Unsuitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Carbon steel

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Sodium Hydroxide	1310-73-2	Ceiling	2 mg/m3	ACGIH
		Ceiling	2 mg/m3	NIOSH REL
		TWA	2 mg/m3	OSHA Z1

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection : Safety goggles
Face-shield

Hand protection : Wear the following personal protective equipment:
Standard glove type.

		Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	:	Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing
Respiratory protection	:	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	Colorless
Odour	:	None
Flash point	:	Not applicable.
pH	:	14,(100 %), Method: ASTM E 70
Odour Threshold	:	no data available
Melting point/freezing point	:	FREEZING POINT: 14 °C, ASTM D-1177
Initial boiling point and boiling range	:	143 °C, Method: ASTM D 86
Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	1.5 mm Hg, (20 °C), ASTM D 323,
Relative vapour density	:	no data available
Relative density	:	1.48 - 1.54, (25 °C), ASTM D-1298
Density	:	1.48 - 1.54 g/cm3 , 12.6 lb/gal
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	100 mPa.s (20 °C), Method: ASTM D-2983
Viscosity, kinematic	:	40 mm2/s (20 °C)
Molecular weight	:	no data available

VOC	:	0 %, 0 g/l, EPA Method 24

Section: 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	None known.
Incompatible materials	:	Contact with strong acids (e.g. sulfuric, phosphoric, nitric, hydrochloric, chromic, sulfonic) may generate heat, splattering or boiling and toxic vapors. Contact with reactive metals (e.g. aluminum) may result in the generation of flammable hydrogen gas.
Hazardous decomposition products	:	Carbon oxides metal oxides

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Causes serious eye damage.
Skin	:	Causes severe skin burns.
Ingestion	:	Causes digestive tract burns.
Inhalation	:	May cause nose, throat, and lung irritation.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	Redness, Pain, Corrosion
Skin contact	:	Redness, Pain, Corrosion
Ingestion	:	Corrosion, Abdominal pain
Inhalation	:	Respiratory irritation, Cough

Toxicity

Product

Acute oral toxicity	:	no data available
Acute inhalation toxicity	:	no data available

Acute dermal toxicity	:	no data available
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects : This product has no known ecotoxicological effects.

Product

Toxicity to fish : LC50 Fathead Minnow: > 10,000 mg/l
Exposure time: 48 hrs
Test substance: Product

LC50 Fathead Minnow: > 10,000 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Fathead Minnow: 10,000 mg/l
Exposure time: 96 hrs
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Ceriodaphnia dubia: 2,332 mg/l
Exposure time: 48 hrs
Test substance: Product

NOEC Ceriodaphnia dubia: 1,296 mg/l
Exposure time: 48 hrs
Test substance: Product

Persistence and degradability

Greater than 95% of this product consists of inorganic substances for which a biodegradation value is not applicable.

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input

and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	50 - 70%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it could meet the criteria of a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Before disposal, it should be determined if the waste meets the criteria of a hazardous waste.

Hazardous Waste:	:	D002
Disposal methods	:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

The presence of an RQ component (Reportable Quantity for U.S. DOT) in this product causes it to be regulated with an additional description of RQ for road, or as Environmentally hazardous for road and air, ONLY when the net weight in the package exceeds the calculated RQ for the product.

Land transport (DOT)

Proper shipping name	:	SODIUM HYDROXIDE SOLUTION
Technical name(s)	:	
UN/ID No.	:	UN 1824
Transport hazard class(es)	:	8
Packing group	:	II
Reportable Quantity (per package)	:	2,000 lbs

RQ Component : SODIUM HYDROXIDE

Air transport (IATA)

Proper shipping name : SODIUM HYDROXIDE SOLUTION
Technical name(s) :
UN/ID No. : UN 1824
Transport hazard class(es) : 8
Packing group : II
Reportable Quantity (per package) : 2,000 lbs
RQ Component : SODIUM HYDROXIDE

Sea transport (IMDG/IMO)

Proper shipping name : SODIUM HYDROXIDE SOLUTION
Technical name(s) :
UN/ID No. : UN 1824
Transport hazard class(es) : 8
Packing group : II

Section: 15. REGULATORY INFORMATION

TSCA list : Not relevant

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium Hydroxide	1310-73-2	1000	2000

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL CHEMICAL CONTROL LAWS :

United States TSCA Inventory

The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

Australia. Industrial Chemical (Notification and Assessment) Act
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

Canadian Domestic Substances List (DSL)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

Japan. ENCS - Existing and New Chemical Substances Inventory
All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

Korea. Korean Existing Chemicals Inventory (KECI)
All substances in this product comply with the Chemical Control Act (CCA) and are listed on the Existing Chemicals List (ECL)

Philippines Inventory of Chemicals and Chemical Substances (PICCS)
All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

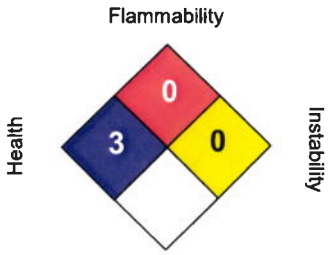
China Inventory of Existing Chemical Substances
All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on or exempt from the Inventory of Existing Chemical Substances China (IECSC).

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand
All substances in this product comply with the Hazardous Substances and New Organisms (HSNO) Act 1996,and are listed on or are exempt from the New Zealand Inventory of Chemicals.

Taiwan Chemical Substance Inventory
All substances in this product comply with the Taiwan Existing Chemical Substances Inventory (ECSI).

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	03/19/2018
Version Number	:	1.4
Prepared By	:	Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NALCO® 359

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NALCO® 359
Other means of identification	:	Not applicable.
Recommended use	:	CORROSION INHIBITOR
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630)305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	03/15/2018

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids	:	Category 4
Acute toxicity (Inhalation)	:	Category 4
Skin corrosion	:	Category 1B
Serious eye damage	:	Category 1
Specific target organ toxicity - single exposure	:	Category 3 (Respiratory system)

GHS Label element

Hazard pictograms :



Signal Word : Danger

Hazard Statements : Combustible liquid
Harmful if swallowed or in contact with skin
Causes severe skin burns and eye damage.
Toxic if inhaled.
May cause respiratory irritation.

Precautionary Statements : **Prevention:**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:

IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:
Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Disposal:
Dispose of contents/ container to an approved waste disposal plant.

Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Concentration: (%)
Diethylethanolamine	100-37-8	30 - 60

Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention immediately.

Protection of first-aiders : In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.

Notes to physician : Treat symptomatically.

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Foam
Carbon dioxide
Dry powder
Other extinguishing agent suitable for Class B fires
For large fires, use water spray or fog, thoroughly drenching the burning

material.

Unsuitable extinguishing media	:	None known.
Specific hazards during firefighting	:	Fire Hazard Keep away from heat and sources of ignition. Flash back possible over considerable distance.
Hazardous combustion products	:	Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) Sulphur oxides Oxides of phosphorus
Special protective equipment for firefighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Remove all sources of ignition. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	:	Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Do not ingest. Keep away from fire, sparks and heated surfaces. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation.
Conditions for safe storage	:	Keep away from heat and sources of ignition. Do not store near acids. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.
Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use.
Unsuitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Copper, Brass, Bronze, and their alloys

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Diethylethanolamine	100-37-8	TWA	2 ppm	ACGIH
		TWA	10 ppm 50 mg/m3	NIOSH REL
		TWA	10 ppm 50 mg/m3	OSHA Z1

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection : Safety goggles
Face-shield

Hand protection : Wear the following personal protective equipment:
Standard glove type.
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid
Colour : colourless
Odour : amine-like
Flash point : 89 °C, Method: ASTM D 93, Pensky-Martens closed cup
pH : 11.7,(100 %), Method: ASTM E 70
Odour Threshold : no data available
Melting point/freezing point : FREEZING POINT: -12 °C, ASTM D-1177
Initial boiling point and boiling range : no data available
Evaporation rate : no data available
Flammability (solid, gas) : no data available

Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	0.98 - 0.99, (15.6 °C), ASTM D-1298
Density	:	0.98 - 0.99 g/cm3 , 8.1 - 8.2 lb/gal
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	8.1 mPa.s (25 °C), Method: ASTM D 2983
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	39.8 %, Calculation method

Section: 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Strong oxidizing agents Strong acids
Hazardous decomposition products	:	Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) Sulphur oxides Oxides of phosphorus

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Causes serious eye damage.
Skin	:	Harmful in contact with skin. Causes severe skin burns.

Ingestion	:	Harmful if swallowed. Causes digestive tract burns.
Inhalation	:	Toxic if inhaled. May cause respiratory tract irritation. Harmful if inhaled. May cause nose, throat, and lung irritation.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	Redness, Pain, Corrosion
Skin contact	:	Redness, Pain, Corrosion
Ingestion	:	Corrosion, Abdominal pain
Inhalation	:	Respiratory irritation, Cough

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: 3,266 mg/kg
Acute inhalation toxicity	:	Acute toxicity estimate: 11.56 mg/l Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	Acute toxicity estimate: 2,764 mg/kg
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects	:	This product has no known ecotoxicological effects.

Product

Toxicity to fish	:	LC50 Oncorhynchus mykiss (rainbow trout): 100 - 1,000 mg/l Exposure time: 96 hrs Test substance: Product

LC50 Lepomis macrochirus (Bluegill sunfish): 100 - 1,000 mg/l
Exposure time: 96 hrs
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Daphnia magna: 402 mg/l
Exposure time: 48 hrs
Test substance: Product

EC50 Daphnia magna: 325 mg/l
Exposure time: 48 hrs
Test substance: Product

NOEC Daphnia magna: 125 mg/l
Exposure time: 48 hrs
Test substance: Product

Components

Toxicity to algae : Diethylethanolamine
EC50 : 44 mg/l
Exposure time: 72 h

Persistence and degradability

The organic portion of this preparation is expected to be readily biodegradable.

Chemical Oxygen Demand (COD): 141,000 mg/l

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	50 - 70%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

Disposal methods	:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

Proper shipping name	:	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name(s)	:	DIETHYLAMINOETHANOL
UN/ID No.	:	UN 2735
Transport hazard class(es)	:	8
Packing group	:	II

Air transport (IATA)

Proper shipping name	:	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name(s)	:	DIETHYLAMINOETHANOL
UN/ID No.	:	UN 2735
Transport hazard class(es)	:	8
Packing group	:	II

Sea transport (IMDG/IMO)

Proper shipping name	:	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name(s)	:	DIETHYLAMINOETHANOL
UN/ID No.	:	UN 2735
Transport hazard class(es)	:	8
Packing group	:	II

Section: 15. REGULATORY INFORMATION

TSCA list	:	No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	:	Flammable (gases, aerosols, liquids, or solids) Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Specific target organ toxicity (single or repeated exposure)
SARA 302	:	This material does not contain any components with a section 302 EHS TPQ.
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL CHEMICAL CONTROL LAWS :

United States TSCA Inventory
The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

Canadian Domestic Substances List (DSL)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

Korea. Korean Existing Chemicals Inventory (KECI)
All substances in this product comply with the Chemical Control Act (CCA) and are listed on the Existing Chemicals List (ECL)

Japan. ENCS - Existing and New Chemical Substances Inventory
This product contains substance(s) which are not in compliance with the Law Regulating the Manufacture and Importation Of Chemical Substances and are not listed on the Existing and New Chemical Substances list (ENCS).

Australia. Industrial Chemical (Notification and Assessment) Act
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

Philippines Inventory of Chemicals and Chemical Substances (PICCS)
All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

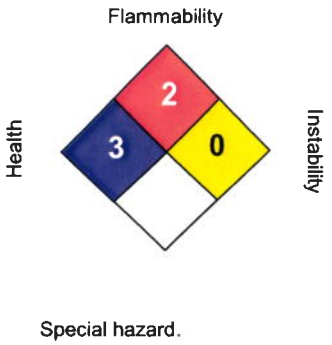
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand
not determined

China Inventory of Existing Chemical Substances
All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on or exempt from the Inventory of Existing Chemical Substances China (IECSC).

Taiwan Chemical Substance Inventory
not determined

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	2
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	03/15/2018
Version Number	:	1.1
Prepared By	:	Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

STABREX™ ST70

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	STABREX™ ST70
Other means of identification	:	Not applicable.
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630) 305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	09/11/2019

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral)	:	Category 4
Acute toxicity (Inhalation)	:	Category 4
Skin corrosion	:	Category 1
Serious eye damage	:	Category 1

GHS Label element

Hazard pictograms :



Signal Word : Danger

Hazard Statements : Harmful if swallowed or if inhaled
Causes severe skin burns and eye damage.

Precautionary Statements :

Prevention:
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.
Disposal:
Dispose of contents/ container to an approved waste disposal plant.

Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Chemical Name	CAS-No.	Concentration: (%)
Sodium Bromide	7647-15-6	9.23
Sodium Hypochlorite	7681-52-9	6.36
Sodium Chloride	7647-14-5	1 - 5
Sodium Hydroxide	1310-73-2	1 - 5

Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention.

Protection of first-aiders : In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.

Notes to physician : Treat symptomatically.

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

Specific hazards during firefighting : Not flammable or combustible.

Special protective equipment for firefighters : Use personal protective equipment.

Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	This product is toxic to fish and other aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. DO NOT discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. The requirements of applicable laws should be determined before using the product.
Methods and materials for containment and cleaning up	:	Clean-up methods - small spillage Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean-up methods - large spillage For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water. Contact an approved waste hauler for disposal of contaminated recovered material. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation. Mixing this product with acid or ammonia releases chlorine gas.
Conditions for safe storage	:	Do not store near acids. Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.
Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Polyethylene, Polypropylene, Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use., HDPE (high density polyethylene), Neoprene, PVC, Polyurethane, Chlorosulfonated polyethylene rubber, Fluoroelastomer
Unsuitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Brass, Buna-N, EPDM, Stainless Steel 316L, Stainless Steel 304, 100% phenolic resin liner, Epoxy phenolic resin, Mild steel

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Sodium Hypochlorite	7681-52-9	STEL	2 mg/m3	AIHA WEEL

Sodium Hydroxide	1310-73-2	Ceiling	2 mg/m3	ACGIH
		Ceiling	2 mg/m3	NIOSH REL
		TWA	2 mg/m3	OSHA Z1

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection : Safety goggles
Face-shield

Hand protection : Wear the following personal protective equipment:
butyl-rubber
Neoprene gloves
Nitrile rubber
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Combined particulates and inorganic gas/vapour type

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	light yellow
Odour	:	odourless
Flash point	:	Not applicable.
pH	:	13.0
Odour Threshold	:	no data available
Melting point/freezing point	:	-8.2 °C, ASTM D-1177
Initial boiling point and boiling range	:	no data available
Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	7.7 mm Hg, (25 °C), ASTM D 2879-86, 27 mm Hg, (46 °C), ASTM D 2879-86,

Relative vapour density	:	no data available
Relative density	:	1.305 - 1.380, (25 °C), ASTM D-1298
Density	:	11.0 - 11.3 lb/gal
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	7 mPa.s
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	0 %, EPA Method 24

Section: 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Mixing this product with acid or ammonia releases chlorine gas.
Conditions to avoid	:	Avoid extremes of temperature. Heat and light which can accelerate decomposition. Freezing temperatures.
Incompatible materials	:	None known.

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Causes serious eye damage.
Skin	:	Causes severe skin burns.
Ingestion	:	Harmful if swallowed. Causes digestive tract burns.
Inhalation	:	Harmful if inhaled. May cause nose, throat, and lung irritation.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	Redness, Pain, Corrosion
Skin contact	:	Redness, Pain, Corrosion
Ingestion	:	Corrosion, Abdominal pain
Inhalation	:	Respiratory irritation, Cough

Toxicity

Product

Acute oral toxicity	:	LD50 rat: 1,500 mg/kg
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Skin corrosion/irritation	:	Species: rabbit Result: 7.9 Method: Draize Test Test substance: Similar Product
Serious eye damage/eye irritation	:	Species: rabbit Result: Corrosive Method: Draize Test Test substance: Similar Product
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects	:	Toxic to aquatic life.

Product

Toxicity to fish	:	LC50 Oncorhynchus mykiss (rainbow trout): 4.5 mg/l Exposure time: 96 hrs Test substance: Product LC50 Cyprinodon variegatus (sheepshead minnow): 16 mg/l Exposure time: 96 hrs Test substance: Product

LC50 Pimephales promelas (fathead minnow): 8.3 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Oncorhynchus mykiss (rainbow trout): 1.3 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Cyprinodon variegatus (sheepshead minnow): 8 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Pimephales promelas (fathead minnow): 3.6 mg/l
Exposure time: 96 hrs
Test substance: Product

LC50 Pimephales promelas (fathead minnow): 7.1 mg/l
Exposure time: 48 hrs
Test substance: Product

NOEC Pimephales promelas (fathead minnow): 5.0 mg/l
Exposure time: 48 hrs
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Daphnia magna (Water flea): 4.3 mg/l
Exposure time: 48 hrs
Test substance: Product

LC50 Mysid Shrimp (Mysidopsis bahia): 27 mg/l
Exposure time: 96 hrs
Test substance: Product

LC50 Ceriodaphnia dubia: 1.6 mg/l
Exposure time: 48 hrs
Test substance: Product

EC50 Daphnia magna (Water flea): 4.2 mg/l
Exposure time: 48 hrs
Test substance: Product

NOEC Daphnia magna (Water flea): 2.2 mg/l
Exposure time: 48 hrs
Test substance: Product

NOEC Mysid Shrimp (Mysidopsis bahia): 13 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Ceriodaphnia dubia: 0.63 mg/l
Exposure time: 48 hrs
Test substance: Product

Toxicity to algae : LC50 Green Algae (Pseudokirchneriella subcapitata, previously Selenastrum capricornutum): 3.66 mg/l
Exposure time: 72 hrs

		Test substance: Product NOEC Green Algae (Pseudokirchneriella subcapitata, previously Selenastrum capricornutum): 2.5 mg/l Exposure time: 72 hrs Test substance: Product
Toxicity to fish (Chronic toxicity)	:	EC25 / IC25: 3.34 mg/l Exposure time: 7 Days Species: Fathead Minnow Test substance: Product LOEC: 5 mg/l Exposure time: 7 Days Species: Fathead Minnow Test substance: Product NOEC: 2.5 mg/l Exposure time: 7 Days Species: Fathead Minnow Test substance: Product
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	EC25 / IC25: 15.6 mg/l Species: Ceriodaphnia dubia Test substance: Product Test Type: 3 Brood NOEC: 2.5 mg/l Species: Ceriodaphnia dubia Test substance: Product Test Type: 3 Brood LOEC: 5.0 mg/l Species: Ceriodaphnia dubia Test substance: Product Test Type: 3 Brood NOEC: 20.0 mg/l Species: Ceriodaphnia dubia Test substance: Product Test Type: 3 Brood LOEC: 40.0 mg/l Species: Ceriodaphnia dubia Test substance: Product Test Type: 3 Brood

Persistence and degradability

Chemical Oxygen Demand (COD): 89,900 mg/l

Biochemical Oxygen Demand (BOD):This material is an oxidizing biocide and is not expected to persist in the environment.

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	30 - 50%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it could meet the criteria of a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Before disposal, it should be determined if the waste meets the criteria of a hazardous waste.

Hazardous Waste:	:	D002
Disposal methods	:	The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

Proper shipping name	:	SODIUM HYDROXIDE SOLUTION
Technical name(s)	:	
UN/ID No.	:	UN 1824
Transport hazard class(es)	:	8
Packing group	:	II
Reportable Quantity (per	:	15,625 lbs

package)
RQ Component : Sodium Hydroxide

Air transport (IATA)

Proper shipping name	:	SODIUM HYDROXIDE SOLUTION
Technical name(s)	:	
UN/ID No.	:	UN 1824
Transport hazard class(es)	:	8
Packing group	:	II
Reportable Quantity (per package)	:	15,625 lbs
RQ Component	:	Sodium Hydroxide

Sea transport (IMDG/IMO)

Proper shipping name	:	SODIUM HYDROXIDE SOLUTION
Technical name(s)	:	
UN/ID No.	:	UN 1824
Transport hazard class(es)	:	8
Packing group	:	II

Section: 15. REGULATORY INFORMATION

TSCA list : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

EPA Reg. No. : 1706-179

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium Hydroxide	1310-73-2	1000	15625

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute toxicity (any route of exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL CHEMICAL CONTROL LAWS :

United States TSCA Inventory
This product is exempted under TSCA and regulated under FIFRA. The inerts are on the Inventory List.

Canadian Domestic Substances List (DSL)
Substances regulated under the Pest Control Products Act are exempt from CEPA New Substance Notification requirements.

Japan. ENCS - Existing and New Chemical Substances Inventory
All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

Korea. Korean Existing Chemicals Inventory (KECI)
All substances in this product comply with the Chemical Control Act (CCA) and are listed on the Existing Chemicals List (ECL)

Philippines Inventory of Chemicals and Chemical Substances (PICCS)
All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

China Inventory of Existing Chemical Substances
All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on or exempt from the Inventory of Existing Chemical Substances China (IECSC).

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand
All substances in this product comply with the Hazardous Substances and New Organisms (HSNO) Act 1996,and are listed on or are exempt from the New Zealand Inventory of Chemicals.

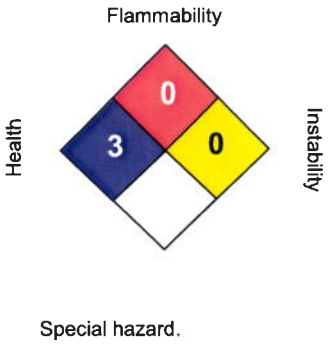
Australia. Industrial Chemical (Notification and Assessment) Act
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

Taiwan Chemical Substance Inventory
All substances in this product comply with the Taiwan Existing Chemical Substances Inventory (ECSI).

Section: 16. OTHER INFORMATION

STABREX™ ST70

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	09/11/2019
Version Number	:	1.6
Prepared By	:	Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

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For additional copies of an SDS visit www.nalco.com and request access.

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

3D TRASAR™ 3DT230

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	3D TRASAR™ 3DT230
Other means of identification	:	Not applicable.
Recommended use	:	COOLING WATER INHIBITOR
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630) 305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	01/17/2020

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion	:	Category 1A
Serious eye damage	:	Category 1

GHS Label element

Hazard pictograms :



Signal Word : Danger

Hazard Statements : Causes severe skin burns and eye damage.

Precautionary Statements :

Prevention:
Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. Do not mix with bleach or other chlorinated products – will cause chlorine gas.
Response:
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse.
Storage:
Store locked up.
Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Other hazards : Do not mix with bleach or other chlorinated products – will cause chlorine gas.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Chemical Name	CAS-No.	Concentration: (%)
Phosphoric Acid	7664-38-2	1 - 5
Sulfuric Acid	7664-93-9	1 - 5
Benzotriazole	95-14-7	1 - 5

Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

Protection of first-aiders : In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.

Notes to physician : Treat symptomatically.

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

Specific hazards during firefighting : Not flammable or combustible.

Hazardous combustion products : Decomposition products may include the following materials: Carbon oxides Oxides of phosphorus

Special protective equipment : Use personal protective equipment.

for firefighters

Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation. Do not mix with bleach or other chlorinated products – will cause chlorine gas.
Conditions for safe storage	:	Keep away from strong bases. Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.
Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use.
Unsuitable material	:	not determined

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Phosphoric Acid	7664-38-2	TWA	1 mg/m3	ACGIH
		STEL	3 mg/m3	ACGIH
		TWA	1 mg/m3	NIOSH REL
		STEL	3 mg/m3	NIOSH REL
		TWA	1 mg/m3	OSHA Z1
Sulfuric Acid	7664-93-9	TWA (Thoracic fraction)	0.2 mg/m3	ACGIH
		TWA	1 mg/m3	NIOSH REL

		TWA	1 mg/m3	OSHA Z1

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection : Safety goggles
Face-shield

Hand protection : Wear the following personal protective equipment:
Standard glove type.
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

The Personal Protective Equipment (PPE) recommendations provided above have been made in good faith based on typical expected conditions of use. PPE selection should always be completed in conjunction with a proper risk assessment and in accordance with a PPE management program.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	Clear to slightly hazy yellow to brown
Odour	:	Organic
Flash point	:	does not flash
pH	:	0.8,(100 %)
Odour Threshold	:	no data available
Melting point/freezing point	:	Freezing Point: -3.6 °C, ASTM D-1177
Initial boiling point and boiling range	:	no data available
Evaporation rate	:	no data available
Flammability (solid, gas)	:	Not applicable.
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	7.5 hPa, (0 °C), ASTM D-2879, 25.3 hPa, (20 °C),

		64.0 hPa, (37.8 °C), 240 hPa, (65.6 °C), 706 hPa, (93.3 °C), 1,010 hPa, (103.3 °C),
Relative vapour density	:	no data available
Relative density	:	1.1, (15.5 °C),
Density	:	1.10 g/cm3 , 9.2 lb/gal
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	4.23 mPa.s (20 °C)
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	0 %, EPA Method 24

Section: 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Do not mix with bleach or other chlorinated products -- will cause chlorine gas.
Conditions to avoid	:	Extremes of temperature
Incompatible materials	:	Strong bases
Hazardous decomposition products	:	Decomposition products may include the following materials: Carbon oxides Oxides of phosphorus

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Causes serious eye damage.
Skin	:	Causes severe skin burns.
Ingestion	:	Causes digestive tract burns.

Inhalation	:	May cause nose, throat, and lung irritation.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	Redness, Pain, Corrosion
Skin contact	:	Redness, Pain, Corrosion
Ingestion	:	Corrosion, Abdominal pain
Inhalation	:	Respiratory irritation, Cough

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	:	Acute toxicity estimate: > 40 mg/l Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	no data available
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Components

Acute dermal toxicity	:	Phosphoric Acid LD50 rabbit: > 2,000 mg/kg Benzotriazole LD50 rabbit: > 10,000 mg/kg

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects	:	This product has no known ecotoxicological effects.

Product

Toxicity to fish	:	LC50 Pimephales promelas (fathead minnow): 3,415 mg/l Exposure time: 96 h Test substance: Product NOEC Pimephales promelas (fathead minnow): 2,500 mg/l Exposure time: 96 h Test substance: Product LC50 Oncorhynchus mykiss (rainbow trout): 1,472 mg/l Exposure time: 96 h Test substance: Product NOEC Oncorhynchus mykiss (rainbow trout): 1,200 mg/l Exposure time: 96 h Test substance: Product
Toxicity to daphnia and other aquatic invertebrates	:	NOEC Ceriodaphnia dubia: 1,250 mg/l Exposure time: 48 h Test substance: Product LC50 Ceriodaphnia dubia: 1,768 mg/l Exposure time: 48 h Test substance: Product

Components

Toxicity to algae	:	Phosphoric Acid EC50 Desmodesmus subspicatus (green algae): > 100 mg/l Exposure time: 72 h Benzotriazole EC50 algae: 15.4 mg/l Exposure time: 72 h

Components

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	Benzotriazole NOEC: 0.97 mg/l Exposure time: 21 d

Persistence and degradability

The organic portion of this preparation is expected to be inherently biodegradable.

Total Organic Carbon (TOC) : 46,000 mg/l

Chemical Oxygen Demand (COD): 150,000 mg/l

Biochemical Oxygen Demand (BOD):

Incubation Period	Value	Test Descriptor
	300 mg/l	

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	50 - 70%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

Disposal methods	:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

The presence of an RQ component (Reportable Quantity for U.S. DOT) in this product causes it to be regulated with an additional description of RQ for road, or as Environmentally hazardous for road and air, ONLY when the net weight in the package exceeds the calculated RQ for the product.

Land transport (DOT)

Proper shipping name	:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Technical name(s)	:	PHOSPHORIC ACID, SULFURIC ACID
UN/ID No.	:	UN 3264
Transport hazard class(es)	:	8
Packing group	:	III
Reportable Quantity (per package)	:	53,642 lbs
RQ Component	:	SULFURIC ACID

Air transport (IATA)

Proper shipping name	:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.

Technical name(s)	:	PHOSPHORIC ACID, SULFURIC ACID
UN/ID No.	:	UN 3264
Transport hazard class(es)	:	8
Packing group	:	III
Reportable Quantity (per package)	:	53,642 lbs
RQ Component	:	SULFURIC ACID

Sea transport (IMDG/IMO)

Proper shipping name	:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Technical name(s)	:	PHOSPHORIC ACID, SULFURIC ACID
UN/ID No.	:	UN 3264
Transport hazard class(es)	:	8
Packing group	:	III

Section: 15. REGULATORY INFORMATION

TSCA list : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sulfuric Acid	7664-93-9	1000	53642

SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sulfuric Acid	7664-93-9	1000	53642

SARA 311/312 Hazards : Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 302 : The following components are subject to reporting levels established by SARA Title III, Section 302:

Sulfuric Acid 7664-93-9

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

Sulfuric Acid 7664-93-9 1.8642 %

California Prop. 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL CHEMICAL CONTROL LAWS :

United States TSCA Inventory
On or in compliance with the active portion of the TSCA inventory

Canadian Domestic Substances List (DSL)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

Korea. Korean Existing Chemicals Inventory (KECI)
All substances in this product comply with the Chemical Control Act (CCA) and are listed on the Existing Chemicals List (ECL)

Japan. ENCS - Existing and New Chemical Substances Inventory
All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

Australia. Industrial Chemical (Notification and Assessment) Act
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

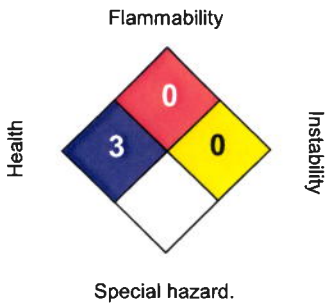
China Inventory of Existing Chemical Substances
All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on or exempt from the Inventory of Existing Chemical Substances China (IECSC).

Philippines Inventory of Chemicals and Chemical Substances (PICCS)
This product contains substance(s) which are not in compliance with the Republic Act 6969 (RA 6969) and may require additional review.

Taiwan Chemical Substance Inventory
All substances in this product comply with the Taiwan Existing Chemical Substances Inventory (ECSI).

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	01/17/2020
Version Number	:	1.9
Prepared By	:	Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

EAST PROCESSING PLANT SAFETY DATA SHEETS

NALCO Water
An Ecolab Company

NALCO® BC1011

Tyson Clark

Oxygen Scavenger

PRODUCT DESCRIPTION AND APPLICATION

NALCO BC1011 is a liquid catalyzed sulfite oxygen scavenger. This is a neutral, non-volatile, inorganic scavenger designed to provide protection from oxygen corrosion in boiler and feedwater systems. Lower corrosion rates will extend the useful life of the equipment and minimize unscheduled outages and downtime. Catalyzed sulfite reacts more rapidly (at least 10x) with oxygen than uncatalyzed commercial sulfite formulations, which provides protection from oxygen corrosion. **NALCO BC1011** is in compliance with FDA regulations pertaining to boiler water additives (21 CFR 173.310).

This product can be used in boiler systems operating at pressures up to 900 psig (62 barg). **NALCO BC1011** cannot be used in systems utilizing spray attemperation due to the dissolved solids content of the product.

NALCO BC1011 is the product of choice for applications where relatively large amounts of dissolved oxygen must be removed rapidly. Such applications include boiler systems that use relatively colder boiler feedwater, systems with open boiler feedwater tanks, and systems that do not use mechanical deaeration. For system passivation it is recommended that product NALCO 1700 be fed in parallel.

PHYSICAL & CHEMICAL PROPERTIES

These properties are typical. Refer to the Safety Data Sheet (SDS) for the most current data.

Physical state:	Liquid (Product is sold ready to use)
Flash point:	> 100°C (>212°F) (Product does not support combustion)
Color:	Colorless to light yellow
Odor:	Pungent
pH:	7 to 7.5 [Conc. (% w/w): 100%]
Boiling/Condensation point:	>100°C (>212°F)
Specific gravity:	1.14 to 1.24
Solubility:	Easily soluble in the following materials: cold water and hot water
Freeze Point:	<40°F (<5°C) **Will begin to precipitate around 54 deg F**
Freeze-Thaw Recovery:	Incomplete, do not freeze

ACTIVE CONSTITUENTS

Catalyzed sodium metabisulfite, sodium erythorbate.

Nalco Water, an Ecolab Company
1601 West Diehl Road
Naperville, Illinois 60563 USA

Europe
Asia Pacific
Greater China
Latin America
Middle East and Africa

ecolab.com/nalco-water

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STORAGE

NALCO BC1011 has a maximum recommended in-plant storage life of one year in factory-sealed containers. Keep container closed when not in use. The maximum storage temperature is 120°F (49°C). Keep **NALCO BC1011** from freezing.

IMPORTANT

This product must be kept above **40°F (4°C) to avoid precipitate formation** which may be difficult to redissolve into solution

REMARKS

If you need assistance or more information on this product, please call your nearest Nalco Water representative.

For **Medical and Transportation Emergencies** involving Nalco Water products, please see the Safety Data Sheet for the phone number.

ADDITIONAL INFORMATION

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Naperville, Illinois 60563 USA

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REGULATORY APPROVALS

Refer to the Regulatory Certifications (RCR) document for the most up to date information.

U.S. Federal regulations

TSCA 8(b) Inventory : All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

SARA 313 Product name CAS number Concentration

Form R --Reporting requirements : No listed substance

California Prop. 65: No listed substance

NALCO BC1011 is in compliance with Food & Drugs Administration (FDA) regulations pertaining to Boiler Water Additives (21 CFR 173.310). The Canadian Food Inspection Agency (CFIA) has authorized the use of **NALCO BC1011** under the category W1.

The Canadian Food Inspection Agency (CFIA) has authorized the use of **NALCO BC1011** under the category W1.

NALCO BC1011 is Kosher approved for year-round use excluding Passover.

MATERIALS OF COMPATIBILITY

Compatible	Not Compatible
316 SS	304 SS
CPVC, Chlorinated Polyvinylchloride	Brass - Admirality
HDPE, High Density Polyethylene	Mild Steel
LLDPE, PORTA-FEED™ Liner	CR, Neoprene
PP, Polypropylene	Viton A, Flouroelastomer
PTFE, Polytetraflouroethylene	NBR, Buna-N, Nitrile
PVC, Polyvinylchloride – Type 1	Liner Epoxy phenolic
UHMWPE, Ultra High Molecular Weight PE	
EPDM, Ethylene-propylene diamine rubber	
FFKM Kalrez 1050	
PVDF, Kynar, Polyvinyil Flouride	

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Stainless steel compatibility is noted as non-compatible primarily due to potential problems with bulk storage. Condensation within the bulk storage tank has potential for unsubmerged surfaces to rust. The condensing water vapor on the sides will contain SO_3 and create a low pH sufficient to cause corrosion in the vapor space. The rust can then potentially contaminate the product.

In general compatibility with 316 SS(Non-Welded) is not an issue. The product is not compatible with 304L SS (Non-Welded) due to pitting in the vapor space.

DOSAGE AND FEEDING

The feedwater dosage of **NALCO BC1011** must be calculated based upon water characteristics and operating conditions. **NALCO BC1011** can be fed neat. Do not agitate day tank solutions excessively. Contact your local Nalco Water representative for the appropriate feeding and dosage recommendations for your particular application.

Underfeed of **NALCO BC1011** will result in serious oxygen corrosion to the boiler and feedwater system. Underfeed may also significantly increase the specific risk of very damaging pitting corrosion. The greatest damage will occur in the economizer or feedwater preheaters. Oxygen corrosion will also increase iron levels in the feedwater, which may result in iron deposits and subsequent boiler tube failures in high heat flux areas of the boiler.

Overfeed of **NALCO BC1011** will increase the cost of your chemical treatment program and add unnecessary solids to the boiler water which can reduce your cycles of concentration, resulting in increased energy costs.

NALCO BC1011 can be used in systems operating at pressures up to 900 psig (62.1 barg). **NALCO BC1011** begins to break down at pressures of 600 psig (41.4 barg) and breakdown is complete at 900 psig (62.1 barg). The decomposition products are sulfur dioxide and hydrogen sulfide, both highly corrosive gases. These gases flash off with the steam and can cause corrosion in downstream equipment. They may also poison downstream catalyst systems. **NALCO BC1011** cannot be fed prior to steam attemperation take-off point or to attemperation water, due to the dissolved solids content of the product.

ENVIRONMENTAL AND TOXICITY DATA

Refer to the Safety Data Sheet (SDS) for all aquatic and mammalian information.

SAFETY AND HANDLING

Read the label and Safety Data Sheet (SDS) for complete safety and handling information before using this product.

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NALCO® BC1011

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NALCO®BC1011
Other means of identification	:	Not applicable.
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630)305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	10/27/2016

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Precautionary Statements	:	**Prevention:** Wash hands thoroughly after handling. **Response:** Specific measures: consult SDS Section 4. **Storage:** Store in accordance with local regulations. Protect product from freezing.
Other hazards	:	None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Chemical Name	CAS-No.	Concentration: (%)
Sodium Bisulfite	7631-90-5	1 - 5

Section: 4. FIRST AID MEASURES

In case of eye contact	:	Rinse with plenty of water. Get medical attention if symptoms occur.
In case of skin contact	:	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
If swallowed	:	Rinse mouth. Get medical attention if symptoms occur.
If inhaled	:	Get medical attention if symptoms occur.

Protection of first-aiders	:	In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.
Notes to physician	:	Treat symptomatically.
Most important symptoms and effects, both acute and delayed	:	See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known.
Specific hazards during firefighting	:	Not flammable or combustible.
Hazardous combustion products	:	Decomposition products may include the following materials: Sulphur oxides
Special protective equipment for firefighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	No special environmental precautions required.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/ national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	For personal protection see section 8. Wash hands after handling.
Conditions for safe storage	:	Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers. Protect product from freezing.

Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use.
Unsuitable material	:	not determined

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Sodium Bisulfite	7631-90-5	TWA	5 mg/m3	ACGIH
		TWA	5 mg/m3	NIOSH REL

Engineering measures	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Eye protection	:	Safety glasses
Hand protection	:	Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	:	Wear suitable protective clothing.
Respiratory protection	:	No personal respiratory protective equipment normally required.
Hygiene measures	:	Wash hands before breaks and immediately after handling the product.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	colourless
Odour	:	Pungent
Flash point	:	> 93.3 °C
pH	:	7.0-7.5, 100 %
Odour Threshold	:	no data available
Melting point/freezing point	:	no data available
Initial boiling point and boiling range	:	> 100.0 °C
Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available

Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	1.14-1.24,
Density	:	no data available
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition temperature	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	0 %, Calculation method

Section: 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	None known.
Incompatible materials	:	Acids Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors. Contains Sulfite. SO2 may react with vapors from neutralizing amines and may produce a visible cloud of amine salt particles.
Hazardous decomposition products	:	Decomposition products may include the following materials: Sulphur oxides

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Health injuries are not known or expected under normal use.
Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.

Inhalation	:	Health injuries are not known or expected under normal use.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	No symptoms known or expected.
Skin contact	:	No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
Inhalation	:	No symptoms known or expected.

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	no data available
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	Result: Contains an ingredient that can cause asthmatic-like reactions in sulfite-sensitive individuals.
Carcinogenicity		
IARC		No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA		No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP		No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects : This product has no known ecotoxicological effects.

Product

Toxicity to fish : LC50 Fathead Minnow:> 10,000 mg/l
Exposure time: 48 hrs
Test substance: Product

LC50 Fathead Minnow:> 10,000 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Fathead Minnow: 10,000 mg/l
Exposure time: 96 hrs
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Ceriodaphnia dubia: 1,507 mg/l
Exposure time: 48 hrs
Test substance: Product

NOEC Ceriodaphnia dubia: 467 mg/l
Exposure time: 48 hrs
Test substance: Product

Persistence and degradability

Greater than 95% of this product consists of inorganic substances for which a biodegradation value is not applicable.

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air : <5%
Water : 30-50%
Soil : 50-70%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

Disposal methods : Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

The presence of an RQ component (Reportable Quantity for U.S. DOT) in this product causes it to be regulated with an additional description of RQ for road, or as Environmentally hazardous for road and air, ONLY when the net weight in the package exceeds the calculated RQ for the product.

Land transport (DOT)

Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name(s)	: Sodium Bisulfite
UN/ID No.	: UN 3082
Transport hazard class(es)	: 9
Packing group	: II
Reportable Quantity (per package)	: 164,951 lbs
RQ Component	: SODIUM BISULFITE

Air transport (IATA)

Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name(s)	: Sodium Bisulfite
UN/ID No.	: UN 3082
Transport hazard class(es)	: 9
Packing group	: III
Reportable Quantity (per package)	: 164,951 lbs
RQ Component	: SODIUM BISULFITE

Sea transport (IMDG/IMO)

Proper shipping name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

Section: 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium Bisulfite	7631-90-5	5000	164951

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

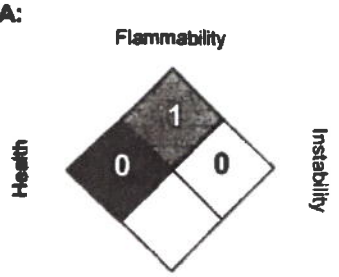
INTERNATIONAL CHEMICAL CONTROL LAWS :

TOXIC SUBSTANCES CONTROL ACT (TSCA)
The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

Section: 16. OTHERINFORMATION

NFPA:



HMIS III:

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date : 10/27/2016
Version Number : 1.2
Prepared By : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality

specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

NALCO Water
An Ecolab Company

PRODUCT DESCRIPTION AND APPLICATION

Nalco BC2036T *Hybrid* Residual Phosphate program with NexGuard™ Technology and **TRASAR™ #3** Technology for Boiler Scale Protection. **BC2036T** was designed to treat watertube or firetube boilers with mild scale build up (>1/32inch or 0.79mm) under high stress conditions. **BC2036T** also provides additional OH alkalinity reducing the need for supplemental caustic for pH control.

TRASAR #3 Technology provides:

- Quick easy feed rate checks
- Better feed control
- Easier trouble shooting and diagnostics.

PHYSICAL & CHEMICAL PROPERTIES

Physical state	Liquid
Appearance	Clear, Orange, Green
pH	11 @ (100%)
Solubility	Complete
Odor	None
Specific Gravity	1.15 @ 77°F (25°C)
Freeze/Thaw Recovery	Complete
Freeze Point (°F/°C)	28°F /-2°C
Product Factor:	35.0

ACTIVE CONSTITUENTS

Active	**Function**
Sodium Tripolyphosphate	Residual Phosphate scale inhibitor and corrosion inhibitor
Proprietary Blend of NexGuard Polymer	Scale inhibitor, particulate and sludge dispersant
Inactive	**Function**
TRASAR#3	Diagnostics, feed and control

Nalco Water, an Ecolab Company
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Naperville, Illinois 60563 USA

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8934 Wallasten
Switzerland

Asia Pacific
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The Strategy Tower 2
Singapore 609930

Greater China
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Latin America
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Middle East and Africa
Street 1010
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ecolab.com/nalco-water

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REGULATORY APPROVALS

Refer to the Regulatory Certifications & Registrations (RCR) document for most recent information on approvals.

MATERIALS OF COMPATIBILITY

Material compatibility data are only valid for product storage and feed systems.

Compatible	NOT Compatible
304 Stainless Steel	Mild Steel
316 Stainless Steel	Neoprene CR
Polyethylene-HDPE, High Density	EPDM, Ethylene-propylene diene rubber
LLDPE, PORTA-FEED™ Liner	Liner EHD0045, Epoxy phenolic
Polypropylene, PP	Liner HXG0009, Phenolic
PVC, Polyvinylchloride - Type 1	Plasite 7122, Epoxy phenolic (x-linked)
PVDF, Kynar®- Polyvinylidene Fluoride	
PTFE, Fluoropolymer, Polytetrafluoroethylene	
Schuetz Bottle-Fluorinated HDPE (SMP)	
FKM, Viton® synthetic rubber A, Fluoroelastomer	
Nitrile - NBR, Buna-N,	
Kalrez- FFKM 1050	

DOSAGE AND FEEDING

The dosage requirements for **BC2036T** are based on the feedwater hardness and required phosphate residual in the boiler water.

For your specific application, your local Nalco Water sales engineer will provide your dosage requirements.

Application:

- Watertube or Firetube boilers
- Less than 600 psig boiler drum pressure
- Maximum feedwater Ca as CaCO3 = 38.5/Boiler Cycles.

BC2036T can be used in watertube or firetube package boilers operating up to 600 psig. It should ***not*** be used in higher pressure boilers (>600psig) with high purity feedwater or heat recovery steam generators.

Best Practice:

The best practice option will always be to correct the root cause of the hardness issues.

ASME guildlines requires Total Feedwater Hardness of less then 1.0 ppm as $CaCO_3$ for <300 psig Firetube boilers and <0.2ppm as $CaCO_3$ for <600 psig Watertube boilers.

Feedpoint:

BC2036T can be fed to the boiler feedwater or to the boiler drum. Injection should be via a stainless steel quill that extends into the line so that neat product does not contact the mild steel lines directly before dilution. Push water or a day tank must be used to dilute the product if it is injected into the mild steel chemical distribution line built into the steam drum of many boilers.

ENVIRONMENTAL AND TOXICITY DATA

Refer to the Safety Data Sheet (SDS) for all aquatic and mammalian information.

SAFETY AND HANDLING

The product label and Safety Data Sheet should be read prior to using for complete safety and handling information. Please refer to the SDS for proper personal protective equipment (PPE) and for health effects.

STORAGE

BC2036T must be protected from exposure to sunlight and any sources of UV/VIS radiation. Use of storage containers (including bulk storage tanks) allowing transmission of light will result in reduced product integrity. These containers should be protected from sunlight or not be used.

BC2036T should be stored in a location where the product temperature can be kept in a range between 30°F [0°C] and 130°F [54°C].

For **BC2036T**, the recommended in-plant storage limit is 2 year. Refer to the Safety Data Sheet (SDS) for the most current data.

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NALCO Water
An Ecolab Company

REMARKS

If you need assistance or more information on this product, please call your nearest Nalco Water representative.

For **Medical and Transportation Emergencies** involving Nalco Water products, please see the Safety Data Sheet for the phone number.

ADDITIONAL INFORMATION

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1601West Diehl Road
Naperville, Illinois 60563 USA

ecolab.com/nalco-water

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NALCO® BC2036T

Section:1.PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NALCO® BC2036T
Other means of identification	:	Not applicable.
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630) 305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	05/15/2020

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Precautionary Statements	:	**Prevention:** Wash hands thoroughly after handling. **Response:** Get medical advice/ attention if you feel unwell. **Storage:** Store in accordance with local regulations.
Other hazards	:	None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture	:	Mixture

No hazardous ingredients

Section: 4. FIRST AID MEASURES

In case of eye contact	:	Rinse with plenty of water. Get medical attention if symptoms occur.
In case of skin contact	:	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
If swallowed	:	Rinse mouth. Get medical attention if symptoms occur.
If inhaled	:	Get medical attention if symptoms occur.
Protection of first-aiders	:	In event of emergency assess the danger before taking action. Do not put

		yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.
Notes to physician	:	Treat symptomatically.
Most important symptoms and effects, both acute and delayed	:	See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known.
Specific hazards during firefighting	:	Not flammable or combustible.
Hazardous combustion products	:	Decomposition products may include the following materials: Carbon oxides Sulphur oxides
Special protective equipment for firefighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	No special environmental precautions required.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/ national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	For personal protection see section 8. Wash hands after handling.
Conditions for safe storage	:	Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.

Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Shipping and long term storage compatibility with construction materials can vary; we therefore recommend that compatibility is tested prior to use.
Unsuitable material	:	not determined

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Eye protection	:	Safety glasses
Hand protection	:	Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	:	Wear suitable protective clothing.
Respiratory protection	:	No personal respiratory protective equipment normally required.
Hygiene measures	:	Wash hands before breaks and immediately after handling the product.

The Personal Protective Equipment (PPE) recommendations provided above have been made in good faith based on typical expected conditions of use. PPE selection should always be completed in conjunction with a proper risk assessment and in accordance with a PPE management program.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	green
Odour	:	odourless
Flash point	:	> 93.3 °C
pH	:	10.5-11.5,(100 %), (25 °C)
Odour Threshold	:	no data available
Melting point/freezing point	:	no data available
Initial boiling point and boiling range	:	no data available
Evaporation rate	:	no data available

Flammability (solid, gas)	:	Not applicable.
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	1.15, (25 °C),
Density	:	no data available
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	no data available

Section: 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Extremes of temperature None known.
Incompatible materials	:	Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.
Hazardous decomposition products	:	In case of fire, hazardous decomposition products may be produced such as: Carbon oxides Sulphur oxides

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Health injuries are not known or expected under normal use.

Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.
Inhalation	:	Health injuries are not known or expected under normal use.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	No symptoms known or expected.
Skin contact	:	No symptoms known or expected.
		No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
		No symptoms known or expected.
Inhalation	:	No symptoms known or expected.
		No symptoms known or expected.

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	no data available
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section:12. ECOLOGICALINFORMATION

Ecotoxicity

Environmental Effects : This product has no known ecotoxicological effects.

Product

Toxicity to fish :

LC50 Fathead Minnow: 3,089 mg/l
Exposure time: 48 h
Test substance: Product

LC50 Fathead Minnow: 3,089 mg/l
Exposure time: 96 h
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Ceriodaphnia dubia: 1,716 mg/l
Exposure time: 48 h
Test substance: Product

NOEC Ceriodaphnia dubia: 1,296 mg/l
Exposure time: 48 h
Test substance: Product

Persistence and degradability

no data available

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	10-30%
Soil	:	70-90%

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

Disposal methods : Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

The presence of an RQ component (Reportable Quantity for U.S. DOT) in this product causes it to be regulated with an additional description of RQ for road, or as Environmentally hazardous for road and air, ONLY when the net weight in the package exceeds the calculated RQ for the product.

Land transport (DOT)

Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name(s)	:	Sodium Tripolyphosphate
UN/ID No.	:	UN 3082
Transport hazard class(es)	:	9
Packing group	:	III
Reportable Quantity (per package)	:	67,750 lbs
RQ Component	:	Sodium Tripolyphosphate

Air transport (IATA)

Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name(s)	:	Sodium Tripolyphosphate
UN/ID No.	:	UN 3082
Transport hazard class(es)	:	9
Packing group	:	
Reportable Quantity (per package)	:	67,750 lbs
RQ Component	:	Sodium Tripolyphosphate

Sea transport (IMDG/IMO)

Proper shipping name	:	PRODUCT IS NOT REGULATED DURING TRANSPORTATION

Section: 15. REGULATORY INFORMATION

TSCA list	:	No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium Tripolyphosphate	7758-29-4	5000	67750

CERCLA Reportable Quantity

This product does not contain a RQ substance, or this product contains a substance with a RQ, however the calculated RQ exceeds the reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : This material does not contain any components with a section 302 EHSTPQ.

SARA313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

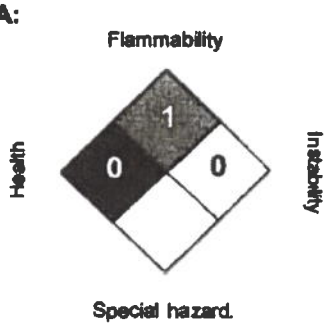
INTERNATIONAL CHEMICAL CONTROL LAWS :

Canadian Domestic Substances List (DSL)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

United States TSCA Inventory
On or in compliance with the active portion of the TSCA inventory

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	: 05/15/2020
Version Number	: 1.3
Prepared By	: Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use,

processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
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WEST PROCESSING PLANT SAFETY DATA SHEETS

West Processing Plant Boiler Chemical SDS Information

Safety Data Sheet: CHEMAQUA 10270

Supercedes Date 02/27/2019 **Issuing Date** 08/19/2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name CHEMAQUA 10270
Recommended use Water treatment chemical - oxygen scavenger
Information on Manufacturer
CHEM-AQUA, INC
BOX 152170
IRVING, TEXAS 75015

Product Code TZ50
Chemical nature Mixture of inorganic salts
Emergency Telephone
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Purple Pink - Light orange **Physical state** Liquid **Odor** Strong Acrid

GHS Classification

Physical Hazards
None

Health Hazard
Respiratory Sensitization Category 1B

Other hazards
None

Labeling
Signal Word
DANGER



Hazard statements
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary Statements
Avoid breathing mist
P285 - In case of inadequate ventilation wear respiratory protection
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P342 + P311 - If experiencing respiratory symptoms, call a physician.
P501 - Dispose of contents and container in accordance with applicable local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Sodium bisulfite	7631-90-5	15-40
Sodium sulfite	7757-83-7	3-7

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice Avoid contact with skin, eyes and clothing. Avoid breathing mist.
Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Remove and wash contaminated clothing before re-use.
Inhalation Move to fresh air. In case of shortness of breath, give oxygen. If breathing has stopped, apply artificial respiration. Get medical attention immediately.
Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
Notes to physician May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Flash Point Does not flash **Method** No data available
Flammability Limits in Air %: Not applicable. **Upper:** No data available **Lower:** No data available
Suitable Extinguishing Media
Foam. Carbon dioxide (CO2). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical
Material can create slippery conditions.
Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA	**Health** 2	**Flammability** 0	**Instability** 0
HMIS -	**Health** 2	**Flammability** 0	**Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up	Pick up and transfer to properly labeled containers.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing mist.					
Storage	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.					
Storage Temperature	**Minimum**	35 °F / 2 °C		**Maximum**	120 °F / 49 °C	
Storage Conditions	**Indoor**	X	**Outdoor**	**Heated**		**Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Sodium bisulfite	TWA: 5 mg/m^3	No data available	TWA: 5 mg/m^3

Engineering Measures Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Minimize exposure by partial enclosure of the operation or equipment and provide extract ventilation at openings.

Personal Protective Equipment

Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	Wear suitable protective clothing, Impervious gloves.
Respiratory Protection	In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations Remove and wash contaminated clothing before re-use. Ensure that eyewash stations and safety showers are close to the workstation location. Wear protective gloves/clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Viscosity**	Non viscous
Color	Purple Pink - Light orange	**Odor**	Strong Acrid
Odor Threshold	Not applicable	**Appearance**	Transparent - Hazy
pH	5.9	**Specific Gravity**	1.295
Evaporation Rate	0.41 (Butyl acetate=1)	**Percent Volatile (Volume)**	77
VOC Content (%)	0	**VOC Content (g/L)**	0
Vapor pressure	12.5 mmHg @ 70°F	**Vapor Density**	0.6 (Air = 1.0)
Solubility	Completely soluble	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	> 212 °F / 100 °C	**Flammability (solid, gas)**	No data available
Flash Point	Does not flash	**Method**	No data available
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Not applicable	**Upper:** No data available **Lower:** No data available	

10. STABILITY AND REACTIVITY

Chemical Stability Stable. Hazardous polymerization does not occur.

Conditions to Avoid	None known.
Incompatible Products	Strong oxidizing agents, Acids, Metal nitrates, Metals, Alkalis.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides, Sulfur oxides, Sodium oxides, Potassium oxides, Oxides of phosphorus.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available
Principle Route of Exposure	Skin contact, Eye contact, Inhalation.
Primary Routes of Entry	Skin contact, Skin Absorption, Ingestion.
Acute Effects:	
Eyes	Low hazard for usual industrial or commercial handling.
Skin	Low hazard for usual industrial or commercial handling.
Inhalation	May cause irritation of respiratory tract. May cause sensitization by inhalation.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	May cause sensitization of susceptible persons.
Target Organ Effects:	Respiratory system, Eyes, Skin, Immune system.
Aggravated Medical Conditions	Respiratory disorders, Skin disorders.

Component Information

Acute Toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Sodium bisulfite 7631-90-5	= 1310 mg/kg (Rat)	no data available	No data available	No data available	No data available
Sodium sulfite 7757-83-7	= 5680 mg/kg (Rat)	no data available	> 22 mg/L (Rat) 1 h	No data available	No data available

Chronic Toxicity

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Sodium bisulfite 7631-90-5	No data available	No data available	No data available	No data available	Skin; Eyes; Respiratory system
Sodium sulfite 7757-83-7	No data available	No data available	No data available	No data available	Immune system

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA	Other
Sodium bisulfite 7631-90-5	Not applicable	Group 3	Not applicable	Not applicable	Not applicable
Sodium sulfite 7757-83-7	Not applicable	Group 3	Not applicable	Not applicable	Not applicable

12. ECOLOGICAL INFORMATION

Product Information

Additional Ecological Information: Toxicity data will be furnished on request.

Component Information

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficien
Sodium bisulfite	No information available.	LC50 = 240 mg/L Gambusia affinis 96 h	No information available	119: 48 h Daphnia magna mg/L EC50	N/A
Sodium sulfite	No information available.	LC50 220 - 460 mg/L Leuciscus idus 96 h	EC50 = 770 mg/L 17 h	330: 24 h Psammechinus miliaris mg/L LC50	-4

Persistence and Degradability	No information available.
Bioaccumulation	No information available.
Mobility	No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories
TSCA Complies
DSL Complies
U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization
See Section 2

CERCLA

Chemical name	Hazardous Substances RQs	CERCLA EHS RQs
Sodium bisulfite	5000 lb	Not applicable

16. OTHER INFORMATION

Prepared By Kim Franklin
Supercedes Date 02/27/2019
Issuing Date 08/19/2019
Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

CHEM-AQUA, INCassumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Safety Data Sheet CHEMAQUA 12800

Supercedes Date 01/11/2016 **Issuing Date** 06/23/2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name CHEMAQUA 12800
Recommended use Water treatment chemical - alkalinity builder
Information on Manufacturer
CHEM-AQUA, INC
BOX 152170
IRVING, TEXAS 75015

Product Code C274
Chemical nature Aqueous solution
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone Inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Colorless - Straw **Physical state** Liquid **Odor** Odorless

GHS Classification

Physical Hazards
None

Health Hazard

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2A

Other hazards
None

Labeling
Signal Word
WARNING



Hazard statements
H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary Statements
P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs, get medical attention.
P362 - Take off contaminated clothing and wash before reuse.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Potassium hydroxide	1310-58-3	1-5

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.
Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.
Skin Contact Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.
Inhalation If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point Does not flash **Method** No data available
Flammability Limits in Air %: No information available. **Upper:** No data available **Lower:** No data available
Suitable Extinguishing Media
Carbon dioxide (CO2). Dry chemical. Water spray. Foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical
Material can create slippery conditions.
Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA	**Health** 2	**Flammability** 0	**Instability** 0
HMIS -	**Health** 2	**Flammability** 0	**Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental Precautions Do not flush into surface water or sanitary sewer system.
Methods for Containment Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.
Storage Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.
Storage Temperature **Minimum** 32 °F / 0 °C **Maximum** 120 °F / 49 °C
Storage Conditions **Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Potassium hydroxide	Ceiling: 2 mg/m^3	No data available	Ceiling: 2 mg/m^3

Engineering Measures Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Personal Protective Equipment
Eye/Face Protection Tightly fitting safety goggles.
Skin Protection For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.
Respiratory Protection In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General Hygiene Considerations Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Viscosity**	Non viscous
Color	Colorless - Straw	**Odor**	Odorless
Odor Threshold	Not applicable	**Appearance**	Transparent
pH	9.5	**Specific Gravity**	1.29
Evaporation Rate	0.41 (Butyl acetate=1)	**Percent Volatile (Volume)**	76.3
VOC Content (%)	0	**VOC Content (g/L)**	0
Vapor Pressure	13.31 mmHg @ 70°F	**Vapor Density**	0.6 (Air = 1.0)
Solubility	Completely soluble	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	Not applicable	**Flammability (solid, gas)**	No data available
Flash Point	Does not flash	**Method**	No data available
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	No information available	**Upper:** No data available **Lower:** No data available	

10. STABILITY AND REACTIVITY

Chemical Stability Stable. Hazardous polymerization does not occur.
Conditions to Avoid None known.

Incompatible Products	Strong acids, Metals.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides, Nitrogen oxides (NOx), Oxides of phosphorus, Sodium oxides.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available
Principle Route of Exposure	Skin contact, Eye contact, Inhalation.
Primary Routes of Entry	None known.
Acute Effects:	
Eyes	Causes serious eye irritation.
Skin	Causes skin irritation.
Inhalation	Low hazard for usual industrial or commercial handling.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	None known.
Target Organ Effects	Skin, Eyes, Respiratory system.
Aggravated Medical Conditions	Skin disorders, Respiratory disorders.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Potassium hydroxide 1310-58-3	= 284 mg/kg (Rat)	no data available	No data available	No data available	No data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Potassium hydroxide 1310-58-3	No data available	No data available	No data available	No data available	Skin; Eyes; Respiratory system

Carcinogenicity There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficien
Potassium hydroxide	No information available.	No information available.	No information available	No information available.	0.83

Persistence and Degradability	No information available.
Bioaccumulation	No information available.
Mobility	No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal	Dispose of in accordance with local regulations.
Container Disposal	Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

ICAO Not regulated

IATA	Not regulated
IMDG/IMO	Not regulated

15. REGULATORY INFORMATION

Inventories

TSCA	Complies
DSL	Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Potassium hydroxide	1000 lb	Not applicable

16. OTHER INFORMATION

Prepared By	Samantha Purvis
Supercedes Date	01/11/2016
Issuing Date	06/23/2017
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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Safety Data Sheet: CHEMAQUA 18104

Supercedes Date: 12/06/2021 **Issuing Date:** 04/04/2022

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CHEMAQUA 18104
Recommended use Water treatment chemical - amine
Information on Manufacturer
CHEM-AQUA, INC
BOX 152170
IRVING, TEXAS 75015

Product Code: 0879
Chemical nature Amines solution
Emergency Telephone
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Colorless to Amber **Physical state** Liquid **Odor** Fishy ammonia

GHS Classification

Physical Hazards

Flammable liquids	Category 4
Corrosive to metals	Category 1

Health Hazard

Acute Inhalation Toxicity - Gas	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin Corrosion/Irritation	Category 1
Serious Eye Damage/Eye Irritation	Category 1
Reproductive Toxicity	Category 2

Other hazards
None

Labeling
Signal Word
DANGER



Hazard statements
H227 - Combustible liquid
H314 - Causes severe skin burns and eye damage
H332 - Harmful if inhaled
H361 - Suspected of damaging fertility or the unborn child
H290 - May be corrosive to metals

Precautionary Statements
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, sparks, open flames or hot surfaces.
P280 - Wear protective gloves, protective clothing, eye protection and face protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P260 - Do not breathe mist and vapor.
P271 - Use in a well-ventilated area.
P270 - Do not eat, drink or smoke when using this product
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P332 + P313 - If skin irritation occurs, get medical attention.
P363 - Wash contaminated clothing before reuse
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a physician.
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P342 + P311 - If experiencing respiratory symptoms, call a physician.
P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.
P403 + P235 - Store in a well-ventilated place. Keep cool
P406 - Store in a corrosion-resistant container.
P390 - Absorb spillage to prevent damage.
P501 - Dispose of contents and container in accordance with applicable regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Diethyl ethanolamine	100-37-8	10-30
Cyclohexylamine	108-91-8	7-13
Morpholine	110-91-8	7-13

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice Do not get in eyes, on skin or on clothing. Do not breathe vapors or spray mist.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.

Skin Contact Remove immediately all contaminated clothing. Wash off immediately with plenty of water for at least least 15 minutes. Get medical attention immediately.

Inhalation Move to fresh air. In case of shortness of breath, give oxygen. If breathing has stopped, apply artificial artificial respiration. Get medical attention immediately.

Ingestion Rinse mouth. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

Notes to physician The product causes burns of eyes, skin and mucous membranes. Control of circulatory system, shock therapy if needed.

5. FIRE-FIGHTING MEASURES

Flash Point 153 °F / 67 °C **Method** Pensky Marten Closed Tester

Flammability Limits in Air %: Mixture. **Upper:** 75 **Lower:** 1.4

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO2). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

Combustible Liquid. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions. Contact with metals may evolve flammable hydrogen gas.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA **Health** 3 **Flammability** 2 **Instability** 0

HMIS - **Health** 3 **Flammability** 2 **Physical Hazard** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment. Ensure adequate ventilation. Take precautionary measures against static discharges. Remove all sources of ignition. Materials can create slippery conditions.

Environmental precautions Do not flush into surface water or sanitary sewer system.

Methods for Containment Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning Up Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.

Neutralizing Agent Acetic acid, diluted.

7. HANDLING AND STORAGE

Handling Do not get in eyes, on skin or on clothing. Do not breathe vapors or spray mist.

Storage Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Metal containers must be lined. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

Storage Temperature **Minimum** 40 °F / 4 °C **Maximum** 120 °F / 49 °C

Storage Conditions **Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical name	CAL/OSHA PEL	ACGIH TLV	OSHA PEL	NIOSH
Diethyl ethanolamine	2 ppm	TWA: 2 ppm Skin	TWA: 10 ppm TWA: 50 mg/m^3 Skin	100 ppm TWA: 10 ppm TWA: 50 mg/m^3
Cyclohexylamine	10 ppm	TWA: 10 ppm	No data available	TWA: 10 ppm TWA: 40 mg/m^3

Morpholine	20 ppm	TWA: 20 ppm Skin	TWA: 20 ppm TWA: 70 mg/m^3 Skin	1400 ppm STEL 30 ppm STEL 105 mg/m^3 TWA: 20 ppm TWA: 70 mg/m^3

Engineering Measures Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

Eye/Face Protection Tightly fitting safety goggles. Face-shield.

Skin Protection Wear suitable protective clothing, Impervious gloves.

Respiratory Protection In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Viscosity**	Non viscous
Color	Colorless to Amber	**Odor**	Fishy ammonia
Odor Threshold	Not applicable	**Appearance**	Transparent
pH	12.18	**Specific Gravity**	0.988
Evaporation Rate	No data available	**Percent Volatile (Volume)**	100
VOC Content (%)	39.97	**VOC Content (g/L)**	395
Vapor pressure	16.43 mmHg @ 70°F	**Vapor Density**	No data available
Solubility	Soluble	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	No data available °F / 99 °C	**Flammability (solid, gas)**	No data available
Flash Point	153 °F / 67 °C	**Method**	Pensky Marten Closed Tester
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Mixture	**Upper:** 75 **Lower:** 1.4	

10. STABILITY AND REACTIVITY

Chemical Stability Stable. Hazardous polymerization does not occur.

Conditions to Avoid Keep away from open flames, hot surfaces, and sources of ignition. Protect from direct sunlight and extremes of temperatures.

Incompatible Products Strong oxidizing agents, Nitrous acid and other nitrosating agents, Strong acids, Metals, Strong bases, Contact with metals liberates hydrogen gas.

Decomposition Temperature No data available

Hazardous Decomposition Products Carbon oxides, Nitrogen oxides (NOx), Ammonia, Aldehydes, Hydrocarbons, Ketones, Hydrogen, by reaction with metals.

Possibility of Hazardous Reactions None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 No information available

Dermal LD50 No information available

Inhalation LC50

Gas No information available

Mist No information available

Vapor No information available

Principle Route of Exposure Skin contact, Eye contact, Inhalation.

Primary Routes of Entry Skin contact, Skin Absorption.

Acute Effects:

Eyes Corrosive to the eyes and may cause severe damage including blindness.

Skin Causes skin burns.

Inhalation Causes burns. Harmful by inhalation.

Ingestion If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity Liver and kidney injuries may occur. Inhaled corrosive substances can lead to a toxic edema of the lungs. Repeated or prolonged exposure may cause central nervous system damage. Contains a

known or suspected reproductive toxin.

Target Organ Effects: Central nervous system, Liver, Kidney, Respiratory system, Eyes, Skin.

Aggravated Medical Conditions Kidney disorders, Skin disorders, Neurological disorders, Respiratory disorders, Liver disorders.

Component Information

Acute Toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Diethyl ethanolamine 100-37-8	= 1320 mg/kg (Rat)	= 1 mL/kg (Rabbit)	= 4.6 mg/L (Rat) 4 h	No data available	No data available
Cyclohexylamine 108-91-8	303 mg/kg (Rat)	= 277 mg/kg (Rabbit)	= 1000 ppm (Rat) 16 h	No data available	No data available
Morpholine 110-91-8	= 1050 mg/kg (Rat)	310 - 810 mg/kg Rabbit)	= 8 mg/l (Rat) 4 h	No data available	No data available

Chronic Toxicity

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Diethyl ethanolamine 100-37-8	No data available	No data available	No data available	No data available	Skin; Eyes; Respiratory system
Cyclohexylamine 108-91-8	No data available	No data available	No data available	X	Skin; Central nervous system; Eyes; Respiratory system
Morpholine 110-91-8	No data available	No data available	No data available	No data available	Skin; Eyes; Respiratory system; Liver; Kidney

Carcinogenicity

Chemical name	ACGIH	IARC	NTP	OSHA	Other
Cyclohexylamine 108-91-8	Not applicable	Group 3	Not applicable	Not applicable	Not applicable
Morpholine 110-91-8	Not applicable	Group 3	Not applicable	Not applicable	Not applicable

12. ECOLOGICAL INFORMATION

Product Information

Toxicity to fish
Pimephales promelas (fathead minnow) 72 hour algae value 330.1 mg/L 96h

Additional Ecological Information: Toxicity data will be furnished on request.

Component Information

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Diethyl ethanolamine	EC50 = 30 mg/L Desmodesmus subspicatus 72 h	LC50 1660 - 1920 mg/L Pimephales promelas 96 h	No information available	83.6: 48 h Daphnia magna Straus mg/L EC50	0.21
Cyclohexylamine	EC50 = 20 mg/L Pseudokirchneriella subcapitata 96 h	LC50 44 - 90 mg/L Oncorhynchus mykiss 96 h LC50 = 470 mg/L Brachydanio rerio 96 h	EC50 = 120 mg/L 30 min	No information available.	1.2
Morpholine	EC50 = 28 mg/L Pseudokirchneriella subcapitata 96 h	LC50 375 - 460 mg/L Oncorh Oncorhynchus mykiss 96 h LC50 = 350 mg/L Lepomis macrochirus 96 h LC50 > 1000 mg/L Brachydanio rerio 96 h	EC50 = 57.0 mg/L 30 min	No information available.	-2.55

Persistence and Degradability No information available.

Bioaccumulation No information available.

Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.

Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name Corrosive liquids, flammable, n.o.s.

Hazard Class	8
Subsidiary Hazard Class	3
UN-No	UN2920
Packing Group	II
Description	UN2920, Corrosive liquids, flammable, n.o.s.,(Morpholine, Cyclohexylamine),8(3),PG II

TDG

Proper shipping name	Corrosive liquids, flammable, n.o.s.
Hazard Class	8
Subsidiary Hazard Class	3
UN-No	UN2920
Packing Group	II
Description	UN2920, Corrosive liquids, flammable, n.o.s.,(Morpholine, Cyclohexylamine),8(3),PG II

ICAO

UN-No	UN2920
Proper Shipping Name	Corrosive liquids, flammable, n.o.s.
Hazard Class	8
Subsidiary Hazard Class	3
Packing Group	II
Shipping Description	UN2920, Corrosive liquids, flammable, n.o.s.,(Morpholine, Cyclohexylamine),8(3),PG II

IATA

UN-No	UN2920
Proper Shipping Name	Corrosive liquids, flammable, n.o.s.
Hazard Class	8
Subsidiary hazard class	3
Packing Group	II
ERG-Code	8L
Shipping Description	UN2920, Corrosive liquids, flammable, n.o.s.,(Morpholine, Cyclohexylamine),8(3),PG II

IMDG/IMO

UN proper shipping name	Corrosive liquids, flammable, n.o.s.
Hazard Class	8
Subsidiary Hazard Class	3
UN Number	UN2920
Packing Group	II
EmS No.	F-A, S-B
Description	UN2920, Corrosive liquids, flammable, n.o.s.,(Morpholine, Cyclohexylamine),8(3),PG II

15. REGULATORY INFORMATION

Inventories	
TSCA	Listed
DSL / NDSL	Listed

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

See Section 2

CERCLA

Chemical name	Hazardous Substances RQs	CERCLA EHS RQs
Cyclohexylamine	Not applicable	10000 lb TPQ 10000 lb

16. OTHER INFORMATION

Prepared By	Pamela Starkey
Supercedes Date:	12/06/2021
Issuing Date:	04/04/2022
Reason for Revision	Change to physical properties
Glossary	No information available.
List of References.	No information available.

CHEM-AQUA, INCassumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at

the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Safety Data Sheet CHEMAQUA 31005

Supercedes Date 06/23/2013 **Issuing Date** 07/13/2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name CHEMAQUA 31005
Recommended use Water treatment chemical
Information on Manufacturer
CHEM-AQUA, INC
BOX 152170
IRVING, TEXAS 75015

Product Code C814
Chemical nature Aqueous solution
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Amber **Physical state** Liquid **Odor** Sweet

GHS Classification
Physical Hazards
None

Health Hazard
None

Other hazards
None

Labeling
Signal Word
Not classified

3. COMPOSITION / INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

General advice Avoid contact with skin, eyes and clothing. Avoid breathing mist.
Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.
Inhalation If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point Does not flash **Method** No data available
Flammability Limits in Air %: Not applicable. **Upper:** No data available **Lower:** No data available
Suitable Extinguishing Media
Water spray. Foam. Carbon dioxide (CO2). Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical
Material can create slippery conditions.
Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA	**Health** 0	**Flammability** 0	**Instability** 0
HMIS	**Health** 0	**Flammability** 0	**Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing mist.
Storage	Store in original container. Keep away from direct sunlight. Keep containers tightly closed in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.
Storage Temperature	**Minimum** 40 °F / 4 °C **Maximum** 110 °F / 43 °C
Storage Conditions	**Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Engineering Measures	Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.
Respiratory Protection	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General Hygiene Considerations	Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Viscosity**	Non viscous
Color	Amber	**Odor**	Sweet
Odor Threshold	Not applicable	**Appearance**	Transparent - Hazy
pH	10	**Specific Gravity**	1.211
Evaporation Rate	0.45 (Butyl acetate=1)	**Percent Volatile (Volume)**	84.1
VOC Content (%)	0	**VOC Content (g/L)**	0
Vapor Pressure	14.28 mmHg @ 70°F	**Vapor Density**	0.6 (Air = 1.0)
Solubility	Completely soluble	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	> 212 °F / 100 °C	**Flammability (solid, gas)**	No data available
Flash Point	Does not flash	**Method**	No data available
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Not applicable	**Upper:** No data available **Lower:** No data available	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Extremes of temperature and direct sunlight.
Incompatible Products	Acids, Bases, Oxidizing agents, Reducing agents.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides, Oxides of phosphorus, Nitrogen oxides (NOx).
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure	Skin contact, Eye contact, Inhalation.
Primary Routes of Entry	None known.
Acute Effects:	
Eyes	Low hazard for usual industrial or commercial handling.
Skin	Low hazard for usual industrial or commercial handling.
Inhalation	Low hazard for usual industrial or commercial handling.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	None known.
Target Organ Effects	None known.
Aggravated Medical Conditions	No information available.
Component Information	
Acute Toxicity	None known
Carcinogenicity	There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information	No information available.
Component Information	
Persistence and Degradability	No information available.
Bioaccumulation	No information available.
Mobility	No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal	Dispose of in accordance with local regulations.
Container Disposal	Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT	Not regulated
TDG	Not regulated
ICAO	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

15. REGULATORY INFORMATION

Inventories	
TSCA	Complies
DSL	Complies
U.S. Federal Regulations	

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
No	No	No	No	No

CERCLA

16. OTHER INFORMATION

Prepared By	Adrienne McKee
Supercedes Date	06/23/2013
Issuing Date	07/13/2016
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

CHEM-AQUA, INCassumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Safety Data Sheet: CHECKMARK 40224 CM

Supercedes Date: 08/29/2017 **Issuing Date:** 09/03/2021

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CHECKMARK 40224 CM
Recommended use Biocidal product
Information on Manufacturer
CHEM-AQUA, INC
BOX 152170
IRVING, TEXAS 75015

Product Code: C807
Chemical nature Aqueous solution
Emergency Telephone
CHEMTREC® 800-424-9300
Telephone Inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Colorless - Red - Brown **Physical state** Liquid **Odor** Odorless - Mild

GHS Classification

Physical Hazards
None

Health Hazard

Acute Oral Toxicity	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin Corrosion/Irritation	Category 1
Serious Eye Damage/Eye Irritation	Category 1
Skin sensitization	Category 1

Other hazards
None

Labeling
Signal Word
DANGER



Hazard statements
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H332 - Harmful if inhaled
H302 - Harmful if swallowed

Precautionary Statements
P280 - Wear protective gloves, protective clothing, eye protection and face protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace
P260 - Do not breathe mist
P271 - Use in a well-ventilated area.
P270 - Do not eat, drink or smoke when using this product
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P333 - If skin irritation or rash occurs get medical attention.
P363 - Wash contaminated clothing before reuse
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a physician.
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P342 + P311 - If experiencing respiratory symptoms, call a physician.
P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.
P501 - Dispose of contents and container in accordance with applicable regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Polyethylene glycol	25322-68-3	45-70
2,2-Dibromo-3-nitrilopropionamide	10222-01-2	10-30

Sodium bromide	7647-15-6	3-7
Dibromoacetonitrile	3252-43-5	0.1-1.0

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice Do not get in eyes, on skin or on clothing. Do not breathe vapors or spray mist.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.

Skin Contact Remove immediately all contaminated clothing. Wash off immediately with plenty of water for at least least 15 minutes. Call a physician or poison control center immediately.

Inhalation Move to fresh air. In case of shortness of breath, give oxygen. If breathing has stopped, apply artificial artificial respiration. Get medical attention immediately.

Ingestion Call a physician or poison control center immediately. Give small amounts of water to drink. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Notes to physician The product causes burns of eyes, skin and mucous membranes. Control of circulatory system, shock therapy if needed. May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Flash Point > 360 °F / > 182 °C **Method** Cleveland Open cup

Flammability Limits in Air %: Mixture. **Upper:** 75 **Lower:** 4

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO2). Foam. Alcohol-resistant foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA **Health** 3 **Flammability** 1 **Instability** 0

HMIS - **Health** 3 **Flammability** 1 **Physical Hazard** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment. Ensure adequate ventilation. Prevent further leakage or spillage spillage if safe to do so. Material can create slippery conditions.

Environmental precautions Do not flush into surface water or sanitary sewer system.

Methods for Containment Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning Up Pick up and transfer to properly labeled containers.

Neutralizing Agent Attempt to neutralize by adding materials such as Sodium bisulphite.

7. HANDLING AND STORAGE

Handling Do not get in eyes, on skin or on clothing. Do not breathe vapors or spray mist.

Storage Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Metal containers must be lined. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

Storage Temperature **Minimum** 35 °F / 2 °C **Maximum** 95 °F / 35 °C

Storage Conditions **Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
2,2-Dibromo-3-nitrilopropionamide	C, 5mg/m^3, Cianeto	No data available	No data available

Engineering Measures Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

Eye/Face Protection Tightly fitting safety goggles. Face-shield.

Skin Protection Wear suitable protective clothing, Impervious gloves.

Respiratory Protection In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Viscosity**	Non viscous
Color	Colorless - Red - Brown	**Odor**	Odorless - Mild
Odor Threshold	Not applicable	**Appearance**	Transparent
pH	1.5	**Specific Gravity**	1.25
Evaporation Rate	No data available	**Percent Volatile (Volume)**	>87.3
VOC Content (%)	9.7	**VOC Content (g/L)**	121.25
Vapor pressure	18.9 mmHg @ 70°F	**Vapor Density**	No information available
Solubility	Soluble	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	> 158 °F / 70 °C	**Flammability (solid, gas)**	No data available
Flash Point	> 360 °F / > 182 °C	**Method**	Cleveland Open cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Mixture	**Upper:** 75 **Lower:** 4	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Heat, flames, and sparks.
Incompatible Products	Oxidizing agents, Strong bases, Metals, Aluminium.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides, Bromine, cyanogen bromide, dibromoacetonitrile, Nitrogen oxides (NOx), Hydrogen bromide.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information

LD50 Oral	LD50 Dermal	LC50 Inhalation
510 mg/kg Rat	>2000 mg/kg Rabbit	1.25 mg/L 4 h, Aerosol Rat, Female

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	510
Dermal LD50	> 2000
Inhalation LC50	
Gas	No information available
Mist	1.25
Vapor	No information available

Principle Route of Exposure	Skin contact, Eye contact, Inhalation.
Primary Routes of Entry	None known.
Acute Effects:	
Eyes	Corrosive to the eyes and may cause severe damage including blindness.
Skin	Causes skin burns. May cause allergic skin reaction.
Inhalation	Harmful by inhalation. Causes burns. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Ingestion	Harmful if swallowed. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.
Chronic Toxicity	Inhaled corrosive substances can lead to a toxic edema of the lungs. May cause sensitization by skin contact. Contains a known or suspected carcinogen.
Target Organ Effects:	No information available.
Aggravated Medical Conditions	No information available.

Component Information

Acute Toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Polyethylene glycol 25322-68-3	22000 mg/kg (Rat)	> 20 mL/kg (Rabbit)	No data available	No data available	No data available
2,2-Dibromo-3-nitrilopropionamide 10222-01-2	= 178 mg/kg (Rat) = 23 235 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 0.32 mg/L (Rat) 4 h	No data available	No data available
Sodium bromide 7647-15-6	= 3500 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	No data available	No data available	No data available
Dibromoacetonitrile 3252-43-5	= 245 mg/kg (Rat)	no data available	No data available	No data available	No data available

Chronic Toxicity

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
2,2-Dibromo-3-nitrilopropionamide	No data available	skin sensitizatioin	No data available	No data available	No data available

10222-01-2					

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA	Other
Dibromoacetonitrile 3252-43-5	Not applicable	Group 2B	Not applicable	X	Not applicable

12. ECOLOGICAL INFORMATION

Product Information Toxic to aquatic organisms

Toxicity to algae	Toxicity to fish	Daphnia magna (Water flea)
ErC50, Pseudokirchneriella subcapitata(green algae), 72 Hour, Growth rate inhibition, 1.5 mg/l	LC50, Oncorhynchus mykiss (rainbow trout) 3.6 mg/L 96h	Aquatic Invertebrate Acute Toxicity EC50, water flea Daphnia magna, static, 48 h, immobil immobilization: 2.5 mg/l

Additional Ecological Information: No information available

Persistence and Degradability Considered to be rapidly degradable.

Component Information

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Polyethylene glycol	No information available.	LC50 > 5000 mg/L Carassius auratus 24 h	EC50 = 100000 mg/L 15 min	No information available.	N/A
2,2-Dibromo-3-nitrilopropionamide	CE50r, Pseudokirchneriella subcaptata (alga verde), 72h, inibição à taxa de crescimento, 0,50 mg/L	CL50, Oncorhynchus mykiss (truta arco-íris), 96h, 1 mg/L	CE50, lodo ativado, 3,1 mg/L	CE50, Daphnia magna (pulga d'água ou dáfnia), 48h, 0,60 mg/L	0,79
Sodium bromide	EC50 5800 - 24000 mg/L Scenedesmus pannonicus 96 h	LC50 = 24000 mg/L Oryzias latipes 96 h LC50 24000 - 96000 mg/L Oryzias latipes 96 h LC50 15614 - 17428 mg/L Pimephales promelas 96 h LC50 > 1000 mg/L Lepomis macrochirus 96 h LC50 0.054 - 0.081 mg/L Oncorhynchus mykiss 96 h LC50 16000 - 24000 mg/L Poecilia reticulata 96 h LC50 = 16000 mg/L Poecilia reticulata 96 h LC50 > 1000 mg/L Oncorhynchus mykiss 96 h	No information available	5800 - 48000: 48 h Daphnia magna mg/L EC50 5700 - 10800: 48 h Daphnia magna mg/L EC50 Static	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of contents/container in accordance with local regulation. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency.

Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal. Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.,(2,2-DIBROMO-3-NITRILOPROPIONAMIDE)
Hazard Class 8
UN-No UN3265
Packing Group III
Description UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.,(2,2-DIBROMO-3-NITRILOPROPIONAMIDE), 8, PG III

TDG

Proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.,(2,2-DIBROMO-3-NITRILOPROPIONAMIDE)
Hazard Class	8
UN-No	UN3265
Packing Group	III
Description	UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.,(2,2-DIBROMO-3-NITRILOPROPIONAMIDE), 8, PG III

ICAO

UN-No	UN3265
Proper Shipping Name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.,(2,2-DIBROMO-3-NITRILOPROPIONAMIDE)
Hazard Class	8
Packing Group	III
Shipping Description	UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.,(2,2-DIBROMO-3-NITRILOPROPIONAMIDE), 8, PG III

IATA

UN-No	UN3265
Proper Shipping Name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.,(2,2-DIBROMO-3-NITRILOPROPIONAMIDE)
Hazard Class	8
Packing Group	III
ERG-Code	8L
Shipping Description	UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.,(2,2-DIBROMO-3-NITRILOPROPIONAMIDE), 8, PG III

IMDG/IMO

UN proper shipping name	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.,(2,2-DIBROMO-3-NITRILOPROPIONAMIDE)
Hazard Class	8
UN Number	UN3265
Packing Group	III
EmS No.	F-A, S-B
Description	UN3265, CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.,(2,2-DIBROMO-3-NITRILOPROPIONAMIDE), 8, PG III

15. REGULATORY INFORMATION

Inventories

TSCA	Complies
DSL	Does not Comply

U.S. Federal Regulations

FIFRA

This chemical is a pesticide product registered by the US EPA and is subject to certain labeling requirements under federal pesticide laws. These requirements differ from the classification criteria and hazard information required for SDSs, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

DANGER
Corrosive - causes irreversible eye damage
May be fatal if swallowed
Causes skin irritation
Harmful if inhaled or absorbed through skin

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

See Section 2

CERCLA None

16. OTHER INFORMATION

Prepared By	Adrienne McKee
Supercedes Date:	08/29/2017
Issuing Date:	09/03/2021
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Safety Data Sheet: MB38

Supercedes Date 05/13/2019 **Issuing Date** 08/22/2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: MB38
Recommended use Biocidal product
Information on Manufacturer
CHEM-AQUA, INC
BOX 152170
IRVING, TEXAS 75015

Product Code: C517
Chemical nature Alkaline Aqueous solution
Emergency Telephone
CHEMTREC® 800-424-9300
Telephone Inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Pale yellow - Green **Physical state** Liquid **Odor** Chlorine

GHS Classification

Physical Hazards

Substances/mixtures corrosive to metal	Category 1

Health Hazard

Skin Corrosion/Irritation	Category 1
Serious Eye Damage/Eye Irritation	Category 1

Other hazards
None

Labeling
Signal Word
DANGER



Hazard statements
H314 - Causes severe skin burns and eye damage
H290 - May be corrosive to metals

Precautionary Statements
P280 - Wear protective gloves, protective clothing, eye protection and face protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P260 - Do not breathe mist
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P363 - Wash contaminated clothing before reuse
P333 + P313 - If skin irritation or rash occurs, get medical attention
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a physician.
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P342 + P311 - If experiencing respiratory symptoms, call a physician.
P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.
P390 - Absorb spillage to prevent damage.
P406 - Store in a corrosion-resistant container.
P501 - Dispose of contents and container in accordance with applicable regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Sodium hypochlorite	7681-52-9	10-30
Sodium hydroxide	1310-73-2	1-5

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice	Do not get in eyes, on skin or on clothing. Do not breathe mist.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a physician or poison control center immediately.
Skin Contact	Remove immediately all contaminated clothing. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.
Inhalation	Move to fresh air. In case of shortness of breath, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.
Ingestion	Call a physician or poison control center immediately. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth.
Notes to physician	The product causes burns of eyes, skin and mucous membranes. Control of circulatory system, shock therapy if needed.

5. FIRE-FIGHTING MEASURES

Flash Point Does not flash **Method** No data available
Flammability Limits in Air %: Hydrogen, by reaction with metals. **Upper:** 75 **Lower:** 4
Suitable Extinguishing Media
Water spray. Foam. Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards arising from the chemical
Contact with metals may evolve flammable hydrogen gas. Material can create slippery conditions.
Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

NFPA	**Health** 3	**Flammability** 0	**Instability** 1
HMIS -	**Health** 3	**Flammability** 0	**Instability** 1

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Neutralizing Agent	Acetic acid, diluted.

7. HANDLING AND STORAGE

Handling	Do not get in eyes, on skin or on clothing. Do not breathe mist.
Storage	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Metal containers must be lined.

Storage Temperature	**Minimum**	35 °F / 2 °C		**Maximum**	70 °F / 21 °C		
Storage Conditions	**Indoor**	X	**Outdoor**	**Heated**		**Refrigerated**	

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Sodium hydroxide	Ceiling: 2 mg/m^3	TWA: 2 mg/m^3	10 mg/m^3 Ceiling: 2 mg/m^3

Engineering Measures	Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Personal Protective Equipment	
Eye/Face Protection	Tightly fitting safety goggles. Face-shield.
Skin Protection	Wear suitable protective clothing, Impervious gloves.
Respiratory Protection	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General Hygiene Considerations	Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Viscosity**	Non viscous

Color	Pale yellow - Green	**Odor**	Chlorine
Odor Threshold	Not applicable	**Appearance**	Transparent
pH	12	**Specific Gravity**	1.224
Evaporation Rate	No data available	**Percent Volatile (Volume)**	0
VOC Content (%)	0	**VOC Content (g/L)**	0
Vapor pressure	No data available	**Vapor Density**	No data available
Solubility	Soluble	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	> 104 °F / > 40 °C	**Flammability (solid, gas)**	No data available
Flash Point	Does not flash	**Method**	No data available
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Hydrogen, by reaction with metals	**Upper:** 75 **Lower:** 4	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition, Extremes of temperature and direct sunlight.
Incompatible Products	Reducing agents, Acids, Metals, Amines, Ammonia, Ammonium salts, Alcohols, Cyanides, Flammable materials, Combustible material.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Hydrogen chloride gas, Sodium oxides, Phosgene, Contact with metals liberates hydrogen gas.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available
Principle Route of Exposure	Skin contact, Eye contact, Inhalation.
Primary Routes of Entry	None known.
Acute Effects:	
Eyes	Corrosive to the eyes and may cause severe damage including blindness.
Skin	Causes skin burns.
Inhalation	Harmful by inhalation. Causes burns.
Ingestion	If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.
Chronic Toxicity	Inhaled corrosive substances can lead to a toxic edema of the lungs.
Target Organ Effects:	Respiratory system, Eyes, Skin.
Aggravated Medical Conditions	Skin disorders, Respiratory disorders.

Component Information

Acute Toxicity

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Sodium hypochlorite 7681-52-9	= 8.91 g/kg (Rat)	> 10000 mg/kg (Rabbit)	No data available	No data available	No data available
Sodium hydroxide 1310-73-2	= 325 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	No data available	No data available	No data available

Chronic Toxicity

Chemical name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Sodium hydroxide 1310-73-2	No data available	No data available	No data available	No data available	Skin; Eyes; Respiratory system

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA	Other
Sodium hypochlorite 7681-52-9	Not applicable	Group 3	Not applicable	Not applicable	Not applicable

12. ECOLOGICAL INFORMATION

Product Information

Additional Ecological Information: Toxicity data will be furnished on request.

Component Information

Chemical name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficien
Sodium hypochlorite	EC50 = 0.095 mg/L Skeletonema costatum 24 h	LC50 0.06 - 0.11 mg/L Pimephales promelas 96 h LC50 0.4 - 0.8 mg/L Lepomis macrochirus 96 h LC50 0.05 - 0.771 mg/L Oncorhynchus mykiss 96 h LC50 0.18 - 0.22 mg/L Oncorhynchus mykiss 96 h LC50 4.5 - 7.6 mg/L Pimephales promelas 96 h LC50 0.28 - 1 mg/L Lepomis macrochirus 96 h LC50 0.03 - 0.19 mg/L Oncorhynchus mykiss 96 h	No information available	0.033 - 0.044: 48 h Daphnia magna mg/L EC50 Static 2.1: 96 h Daphnia magna mg/L EC50	N/A
Sodium hydroxide	No information available.	LC50 = 45.4 mg/L Oncorhynchus mykiss 96 h	No information available	No information available.	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency.

Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name HYPOCHLORITE SOLUTIONS
Hazard Class 8
UN-No UN1791
Packing Group III
Reportable Quantity (RQ) SODIUM HYPOCHLORITE, RQ kg = 363.20
Marine Pollutant This product contains a chemical which is listed as a marine pollutant according to DOT.
Description UN1791, HYPOCHLORITE SOLUTIONS, 8, PG III

TDG

Proper shipping name HYPOCHLORITE SOLUTIONS
Hazard Class 8
UN-No UN1791
Packing Group III
Description HYPOCHLORITE SOLUTION,8,UN1791,PG III

ICAO

UN-No UN1791
Proper Shipping Name HYPOCHLORITE SOLUTIONS
Hazard Class 8
Packing Group III
Shipping Description UN1791, HYPOCHLORITE SOLUTIONS,8,PG III

IATA

UN-No UN1791
Proper Shipping Name HYPOCHLORITE SOLUTIONS
Hazard Class 8
Packing Group III
ERG-Code 8L
Shipping Description UN1791,HYPOCHLORITE SOLUTIONS,8,PG III

IMDG/IMO

UN proper shipping name	HYPOCHLORITE SOLUTION
Hazard Class	8
UN Number	UN1791
Packing Group	III
EmS No.	F-A, S-B
Marine Pollutant	This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO
Description	UN1791, HYPOCHLORITE SOLUTION,8,PG III

15. REGULATORY INFORMATION

Inventories

TSCA	Complies
DSL	Complies

U.S. Federal Regulations

FIFRA

This chemical is a pesticide product registered by the US EPA and is subject to certain labeling requirements under federal pesticide laws. These requirements differ from the classification criteria and hazard information required for SDSs, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Corrosive
May cause severe skin and eye irritation or chemical burns to broken skin.
Causes eye damage

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

See Section 2

CERCLA

Chemical name	Hazardous Substances RQs	CERCLA EHS RQs
Sodium hypochlorite	100 lb	Not applicable
Sodium hydroxide	1000 lb	Not applicable

16. OTHER INFORMATION

Prepared By	Adrienne McKee
Supercedes Date	05/13/2019
Issuing Date	08/22/2019
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

CHEM-AQUA, INCassumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

RENDERING PLANT SAFETY DATA SHEETS

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

3D TRASAR™ 3DT230

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	3D TRASAR™ 3DT230
Other means of identification	:	Not applicable.
Recommended use	:	COOLING WATER INHIBITOR
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630) 305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	01/17/2020

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion	:	Category 1A
Serious eye damage	:	Category 1

GHS Label element

Hazard pictograms :



Signal Word	:	Danger
Hazard Statements	:	Causes severe skin burns and eye damage.
Precautionary Statements	:	**Prevention:** Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. Do not mix with bleach or other chlorinated products – will cause chlorine gas. **Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse. **Storage:** Store locked up. **Disposal:**

Dispose of contents/ container to an approved waste disposal plant.

Other hazards : Do not mix with bleach or other chlorinated products – will cause chlorine gas.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Chemical Name	CAS-No.	Concentration: (%)
Phosphoric Acid	7664-38-2	1 - 5
Sulfuric Acid	7664-93-9	1 - 5
Benzotriazole	95-14-7	1 - 5

Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

Protection of first-aiders : In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.

Notes to physician : Treat symptomatically.

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

Specific hazards during firefighting : Not flammable or combustible.

Hazardous combustion products : Decomposition products may include the following materials: Carbon oxides Oxides of phosphorus

Special protective equipment : Use personal protective equipment.

for firefighters

Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation. Do not mix with bleach or other chlorinated products – will cause chlorine gas.
Conditions for safe storage	:	Keep away from strong bases. Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.
Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use.
Unsuitable material	:	not determined

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Phosphoric Acid	7664-38-2	TWA	1 mg/m3	ACGIH
		STEL	3 mg/m3	ACGIH
		TWA	1 mg/m3	NIOSH REL
		STEL	3 mg/m3	NIOSH REL
		TWA	1 mg/m3	OSHA Z1
Sulfuric Acid	7664-93-9	TWA (Thoracic fraction)	0.2 mg/m3	ACGIH
		TWA	1 mg/m3	NIOSH REL

		TWA	1 mg/m3	OSHA Z1

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection : Safety goggles
Face-shield

Hand protection : Wear the following personal protective equipment:
Standard glove type.
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

The Personal Protective Equipment (PPE) recommendations provided above have been made in good faith based on typical expected conditions of use. PPE selection should always be completed in conjunction with a proper risk assessment and in accordance with a PPE management program.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	Clear to slightly hazy yellow to brown
Odour	:	Organic
Flash point	:	does not flash
pH	:	0.8,(100 %)
Odour Threshold	:	no data available
Melting point/freezing point	:	Freezing Point: -3.6 °C, ASTM D-1177
Initial boiling point and boiling range	:	no data available
Evaporation rate	:	no data available
Flammability (solid, gas)	:	Not applicable.
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	7.5 hPa, (0 °C), ASTM D-2879, 25.3 hPa, (20 °C),

		64.0 hPa, (37.8 °C), 240 hPa, (65.6 °C), 706 hPa, (93.3 °C), 1,010 hPa, (103.3 °C),
Relative vapour density	:	no data available
Relative density	:	1.1, (15.5 °C),
Density	:	1.10 g/cm3 , 9.2 lb/gal
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	4.23 mPa.s (20 °C)
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	0 %, EPA Method 24

Section: 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Do not mix with bleach or other chlorinated products – will cause chlorine gas.
Conditions to avoid	:	Extremes of temperature
Incompatible materials	:	Strong bases
Hazardous decomposition products	:	Decomposition products may include the following materials: Carbon oxides Oxides of phosphorus

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Causes serious eye damage.
Skin	:	Causes severe skin burns.
Ingestion	:	Causes digestive tract burns.

Inhalation	:	May cause nose, throat, and lung irritation.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	Redness, Pain, Corrosion
Skin contact	:	Redness, Pain, Corrosion
Ingestion	:	Corrosion, Abdominal pain
Inhalation	:	Respiratory irritation, Cough

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	:	Acute toxicity estimate: > 40 mg/l Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	no data available
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Components

Acute dermal toxicity	:	Phosphoric Acid LD50 rabbit: > 2,000 mg/kg Benzotriazole LD50 rabbit: > 10,000 mg/kg

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects	:	This product has no known ecotoxicological effects.

Product

Toxicity to fish : LC50 Pimephales promelas (fathead minnow): 3,415 mg/l
Exposure time: 96 h
Test substance: Product

NOEC Pimephales promelas (fathead minnow): 2,500 mg/l
Exposure time: 96 h
Test substance: Product

LC50 Oncorhynchus mykiss (rainbow trout): 1,472 mg/l
Exposure time: 96 h
Test substance: Product

NOEC Oncorhynchus mykiss (rainbow trout): 1,200 mg/l
Exposure time: 96 h
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : NOEC Ceriodaphnia dubia: 1,250 mg/l
Exposure time: 48 h
Test substance: Product

LC50 Ceriodaphnia dubia: 1,768 mg/l
Exposure time: 48 h
Test substance: Product

Components

Toxicity to algae : Phosphoric Acid
EC50 Desmodesmus subspicatus (green algae): > 100 mg/l
Exposure time: 72 h

Benzotriazole
EC50 algae: 15.4 mg/l
Exposure time: 72 h

Components

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Benzotriazole
NOEC: 0.97 mg/l
Exposure time: 21 d

Persistence and degradability

The organic portion of this preparation is expected to be inherently biodegradable.

Total Organic Carbon (TOC) : 46,000 mg/l

Chemical Oxygen Demand (COD): 150,000 mg/l

Biochemical Oxygen Demand (BOD):

Incubation Period	Value	Test Descriptor
	300 mg/l	

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	50 - 70%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

Disposal methods	:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

The presence of an RQ component (Reportable Quantity for U.S. DOT) in this product causes it to be regulated with an additional description of RQ for road, or as Environmentally hazardous for road and air, ONLY when the net weight in the package exceeds the calculated RQ for the product.

Land transport (DOT)

Proper shipping name	:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Technical name(s)	:	PHOSPHORIC ACID, SULFURIC ACID
UN/ID No.	:	UN 3264
Transport hazard class(es)	:	8
Packing group	:	III
Reportable Quantity (per package)	:	53,642 lbs
RQ Component	:	SULFURIC ACID

Air transport (IATA)

Proper shipping name	:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.

Technical name(s)	:	PHOSPHORIC ACID, SULFURIC ACID
UN/ID No.	:	UN 3264
Transport hazard class(es)	:	8
Packing group	:	III
Reportable Quantity (per package)	:	53,642 lbs
RQ Component	:	SULFURIC ACID

Sea transport (IMDG/IMO)

Proper shipping name	:	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Technical name(s)	:	PHOSPHORIC ACID, SULFURIC ACID
UN/ID No.	:	UN 3264
Transport hazard class(es)	:	8
Packing group	:	III

Section: 15. REGULATORY INFORMATION

TSCA list : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sulfuric Acid	7664-93-9	1000	53642

SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sulfuric Acid	7664-93-9	1000	53642

SARA 311/312 Hazards : Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 302 : The following components are subject to reporting levels established by SARA Title III, Section 302:

Sulfuric Acid 7664-93-9

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

Sulfuric Acid 7664-93-9 1.8642 %

California Prop. 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL CHEMICAL CONTROL LAWS :

United States TSCA Inventory
On or in compliance with the active portion of the TSCA inventory

Canadian Domestic Substances List (DSL)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

Korea. Korean Existing Chemicals Inventory (KECI)
All substances in this product comply with the Chemical Control Act (CCA) and are listed on the Existing Chemicals List (ECL)

Japan. ENCS - Existing and New Chemical Substances Inventory
All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

Australia. Industrial Chemical (Notification and Assessment) Act
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

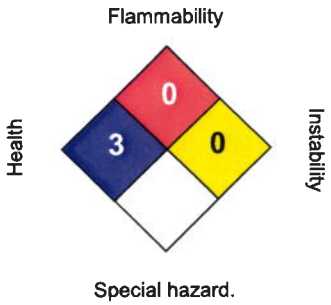
China Inventory of Existing Chemical Substances
All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on or exempt from the Inventory of Existing Chemical Substances China (IECSC).

Philippines Inventory of Chemicals and Chemical Substances (PICCS)
This product contains substance(s) which are not in compliance with the Republic Act 6969 (RA 6969) and may require additional review.

Taiwan Chemical Substance Inventory
All substances in this product comply with the Taiwan Existing Chemical Substances Inventory (ECSI).

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	01/17/2020
Version Number	:	1.9
Prepared By	:	Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NALCO® 750

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NALCO® 750
Other means of identification	:	Not applicable.
Recommended use	:	BOILER ANTIFOAM
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630) 305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	08/07/2020

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Precautionary Statements	:	**Prevention:** Wash hands thoroughly after handling. **Response:** Get medical advice/ attention if you feel unwell. **Storage:** Store in accordance with local regulations.
Other hazards	:	None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

No hazardous ingredients

Section: 4. FIRST AID MEASURES

In case of eye contact	:	Rinse with plenty of water. Get medical attention if symptoms occur.
In case of skin contact	:	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
If swallowed	:	Rinse mouth. Get medical attention if symptoms occur.
If inhaled	:	Get medical attention if symptoms occur.
Protection of first-aiders	:	In event of emergency assess the danger before taking action. Do not put

		yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.
Notes to physician	:	Treat symptomatically.
Most important symptoms and effects, both acute and delayed	:	See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known.
Specific hazards during firefighting	:	Not flammable or combustible.
Hazardous combustion products	:	Decomposition products may include the following materials: Carbon oxides
Special protective equipment for firefighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	No special environmental precautions required.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	For personal protection see section 8. Wash hands after handling.
Conditions for safe storage	:	Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.

Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Stainless Steel 304, Stainless Steel 316L, Copper, Brass, HDPE (high density polyethylene), Polypropylene, PTFE, Fluoroelastomer, Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use.
Unsuitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Carbon Steel C1018

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Eye protection	:	Safety glasses
Hand protection	:	Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	:	Wear suitable protective clothing.
Respiratory protection	:	No personal respiratory protective equipment normally required.
Hygiene measures	:	Wash hands before breaks and immediately after handling the product.

The Personal Protective Equipment (PPE) recommendations provided above have been made in good faith based on typical expected conditions of use. PPE selection should always be completed in conjunction with a proper risk assessment and in accordance with a PPE management program.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	yellow
Odour	:	Somewhat sweet
Flash point	:	does not flash
pH	:	7.0 - 10.0,(100 %)
Odour Threshold	:	no data available
Melting point/freezing point	:	MELTING POINT: 0 °C Freezing Point: -1.66 °C, ASTM D-1177
Initial boiling point and boiling range	:	100 °C
Evaporation rate	:	similar to water
Flammability (solid, gas)	:	Not applicable.

Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	1.03 - 1.04, (25 °C), ASTM D-1298
Density	:	8.6 - 8.7 lb/gal
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	13 mPa.s (18 °C)
Viscosity, kinematic	:	8.37 mm2/s
Molecular weight	:	no data available
VOC	:	no data available

Section: 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	None known.
Incompatible materials	:	Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.
Hazardous decomposition products	:	Decomposition products may include the following materials: Carbon oxides

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Health injuries are not known or expected under normal use.
Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.

Inhalation	:	Health injuries are not known or expected under normal use.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	No symptoms known or expected.
Skin contact	:	No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
Inhalation	:	No symptoms known or expected.
		No symptoms known or expected.

Toxicity

Product

Acute oral toxicity	:	LD50 rat: > 5,000 mg/kg Test substance: Active Substance
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	LD50 rabbit: > 20,000 mg/kg Test substance: Product
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects	:	This product has no known ecotoxicological effects.

Product

Toxicity to fish	:	LC50 Lepomis macrochirus (Bluegill sunfish): > 1,000 mg/l Exposure time: 96 hrs Test substance: Product

LC50 Oncorhynchus mykiss (rainbow trout): > 1,000 mg/l
Exposure time: 96 hrs
Test substance: Product

LC50 Pimephales promelas (fathead minnow): > 1,000 mg/l
Exposure time: 96 hrs
Test substance: Product

LC50 Inland Silverside: > 5,000 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Oncorhynchus mykiss (rainbow trout): 1,000.000 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Pimephales promelas (fathead minnow): 1,000 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Inland Silverside: 5,000 mg/l
Exposure time: 96 hrs
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Daphnia magna (Water flea): > 1,000 mg/l
Exposure time: 48 hrs
Test substance: Product

LC50 Mysid Shrimp (Mysidopsis bahia): > 5,000 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Daphnia magna (Water flea): 1,000.000 mg/l
Exposure time: 48 hrs
Test substance: Product

NOEC Mysid Shrimp (Mysidopsis bahia): 5,000 mg/l
Exposure time: 96 hrs
Test substance: Product

Persistence and degradability

The organic portion of this preparation is expected to be inherently biodegradable.

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	50 - 70%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

Component substances have a low potential to bioconcentrate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

Disposal methods	:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

Proper shipping name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

Air transport (IATA)

Proper shipping name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

Sea transport (IMDG/IMO)

Proper shipping name : PRODUCT IS NOT REGULATED DURING TRANSPORTATION

Section: 15. REGULATORY INFORMATION

TSCA list : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This product does not contain a RQ substance, or this product contains a substance with a RQ, however the calculated RQ exceeds the reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	:	No SARA Hazards
SARA 302	:	This material does not contain any components with a section 302 EHS TPQ.
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL CHEMICAL CONTROL LAWS :

United States TSCA Inventory
The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

Australia. Industrial Chemical (Notification and Assessment) Act
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

Canadian Domestic Substances List (DSL)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

Japan. ENCS - Existing and New Chemical Substances Inventory
All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

Korea. Korean Existing Chemicals Inventory (KECI)
All substances in this product comply with the Chemical Control Act (CCA) and are listed on the Existing Chemicals List (ECL)

Philippines Inventory of Chemicals and Chemical Substances (PICCS)
All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

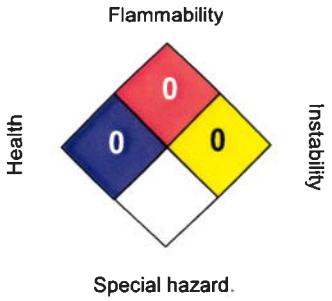
China Inventory of Existing Chemical Substances
All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on or exempt from the Inventory of Existing Chemical Substances China (IECSC).

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand
All substances in this product comply with the Hazardous Substances and New Organisms (HSNO) Act 1996,and are listed on or are exempt from the New Zealand Inventory of Chemicals.

Taiwan Chemical Substance Inventory
All substances in this product comply with the Taiwan Existing Chemical Substances Inventory (ECSI).

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	08/07/2020
Version Number	:	1.4
Prepared By	:	Regulatory Affairs

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NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NALCO® BC1011

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NALCO® BC1011
Other means of identification	:	Not applicable.
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630)305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	10/27/2016

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Precautionary Statements	:	**Prevention:** Wash hands thoroughly after handling. **Response:** Specific measures: consult SDS Section 4. **Storage:** Store in accordance with local regulations. Protect product from freezing.
Other hazards	:	None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture	:	Mixture

Chemical Name	CAS-No.	Concentration: (%)
Sodium Bisulfite	7631-90-5	1 - 5

Section: 4. FIRST AID MEASURES

In case of eye contact	:	Rinse with plenty of water. Get medical attention if symptoms occur.
In case of skin contact	:	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
If swallowed	:	Rinse mouth. Get medical attention if symptoms occur.
If inhaled	:	Get medical attention if symptoms occur.

Protection of first-aiders	:	In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.
Notes to physician	:	Treat symptomatically.
Most important symptoms and effects, both acute and delayed	:	See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known.
Specific hazards during firefighting	:	Not flammable or combustible.
Hazardous combustion products	:	Decomposition products may include the following materials: Sulphur oxides
Special protective equipment for firefighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	No special environmental precautions required.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	For personal protection see section 8. Wash hands after handling.
Conditions for safe storage	:	Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers. Protect product from freezing.

Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use.
Unsuitable material	:	not determined

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Sodium Bisulfite	7631-90-5	TWA	5 mg/m3	ACGIH
		TWA	5 mg/m3	NIOSH REL

Engineering measures	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Eye protection	:	Safety glasses
Hand protection	:	Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	:	Wear suitable protective clothing.
Respiratory protection	:	No personal respiratory protective equipment normally required.
Hygiene measures	:	Wash hands before breaks and immediately after handling the product.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	colourless
Odour	:	Pungent
Flash point	:	> 93.3 °C
pH	:	7.0 - 7.5, 100 %
Odour Threshold	:	no data available
Melting point/freezing point	:	no data available
Initial boiling point and boiling range	:	> 100.0 °C
Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available

Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	1.14 - 1.24,
Density	:	no data available
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition temperature	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	0 %, Calculation method

Section: 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	None known.
Incompatible materials	:	Acids Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors. Contains Sulfite. SO2 may react with vapors from neutralizing amines and may produce a visible cloud of amine salt particles.
Hazardous decomposition products	:	Decomposition products may include the following materials: Sulphur oxides

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Health injuries are not known or expected under normal use.
Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.

Inhalation	:	Health injuries are not known or expected under normal use.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	No symptoms known or expected.
Skin contact	:	No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
Inhalation	:	No symptoms known or expected.

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	no data available
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	Result: Contains an ingredient that can cause asthmatic-like reactions in sulfite-sensitive individuals.
Carcinogenicity		
IARC		No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA		No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP		No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects	:	This product has no known ecotoxicological effects.

Product

Toxicity to fish	:	LC50 Fathead Minnow: > 10,000 mg/l Exposure time: 48 hrs Test substance: Product LC50 Fathead Minnow: > 10,000 mg/l Exposure time: 96 hrs Test substance: Product NOEC Fathead Minnow: 10,000 mg/l Exposure time: 96 hrs Test substance: Product
Toxicity to daphnia and other aquatic invertebrates	:	LC50 Ceriodaphnia dubia: 1,507 mg/l Exposure time: 48 hrs Test substance: Product NOEC Ceriodaphnia dubia: 467 mg/l Exposure time: 48 hrs Test substance: Product

Persistence and degradability

Greater than 95% of this product consists of inorganic substances for which a biodegradation value is not applicable.

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	50 - 70%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

Disposal methods	:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

The presence of an RQ component (Reportable Quantity for U.S. DOT) in this product causes it to be regulated with an additional description of RQ for road, or as Environmentally hazardous for road and air, ONLY when the net weight in the package exceeds the calculated RQ for the product.

Land transport (DOT)

Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name(s)	:	Sodium Bisulfite
UN/ID No.	:	UN 3082
Transport hazard class(es)	:	9
Packing group	:	III
Reportable Quantity (per package)	:	164,951 lbs
RQ Component	:	SODIUM BISULFITE

Air transport (IATA)

Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name(s)	:	Sodium Bisulfite
UN/ID No.	:	UN 3082
Transport hazard class(es)	:	9
Packing group	:	III
Reportable Quantity (per package)	:	164,951 lbs
RQ Component	:	SODIUM BISULFITE

Sea transport (IMDG/IMO)

Proper shipping name	:	PRODUCT IS NOT REGULATED DURING TRANSPORTATION

Section: 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium Bisulfite	7631-90-5	5000	164951

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

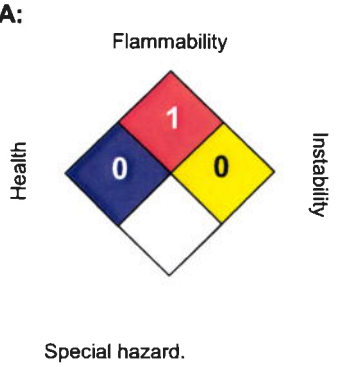
INTERNATIONAL CHEMICAL CONTROL LAWS :

TOXIC SUBSTANCES CONTROL ACT (TSCA)
The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	10/27/2016
Version Number	:	1.2
Prepared By	:	Regulatory Affairs

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specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NALCO® BC2036T

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NALCO® BC2036T
Other means of identification	:	Not applicable.
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630) 305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	05/15/2020

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Precautionary Statements	:	**Prevention:** Wash hands thoroughly after handling. **Response:** Get medical advice/ attention if you feel unwell. **Storage:** Store in accordance with local regulations.
Other hazards	:	None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture	:	Mixture

No hazardous ingredients

Section: 4. FIRST AID MEASURES

In case of eye contact	:	Rinse with plenty of water. Get medical attention if symptoms occur.
In case of skin contact	:	Wash off with soap and plenty of water. Get medical attention if symptoms occur.
If swallowed	:	Rinse mouth. Get medical attention if symptoms occur.
If inhaled	:	Get medical attention if symptoms occur.
Protection of first-aiders	:	In event of emergency assess the danger before taking action. Do not put

		yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.
Notes to physician	:	Treat symptomatically.
Most important symptoms and effects, both acute and delayed	:	See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	:	None known.
Specific hazards during firefighting	:	Not flammable or combustible.
Hazardous combustion products	:	Decomposition products may include the following materials: Carbon oxides Sulphur oxides
Special protective equipment for firefighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	No special environmental precautions required.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	For personal protection see section 8. Wash hands after handling.
Conditions for safe storage	:	Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.

Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Shipping and long term storage compatibility with construction materials can vary; we therefore recommend that compatibility is tested prior to use.
Unsuitable material	:	not determined

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures	:	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protective equipment

Eye protection	:	Safety glasses
Hand protection	:	Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Wear protective gloves. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	:	Wear suitable protective clothing.
Respiratory protection	:	No personal respiratory protective equipment normally required.
Hygiene measures	:	Wash hands before breaks and immediately after handling the product.

The Personal Protective Equipment (PPE) recommendations provided above have been made in good faith based on typical expected conditions of use. PPE selection should always be completed in conjunction with a proper risk assessment and in accordance with a PPE management program.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	green
Odour	:	odourless
Flash point	:	> 93.3 °C
pH	:	10.5 - 11.5,(100 %), (25 °C)
Odour Threshold	:	no data available
Melting point/freezing point	:	no data available
Initial boiling point and boiling range	:	no data available
Evaporation rate	:	no data available

Flammability (solid, gas)	:	Not applicable.
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	1.15, (25 °C),
Density	:	no data available
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	no data available

Section: 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Extremes of temperature None known.
Incompatible materials	:	Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.
Hazardous decomposition products	:	In case of fire, hazardous decomposition products may be produced such as: Carbon oxides Sulphur oxides

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Health injuries are not known or expected under normal use.

Skin	:	Health injuries are not known or expected under normal use.
Ingestion	:	Health injuries are not known or expected under normal use.
Inhalation	:	Health injuries are not known or expected under normal use.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	No symptoms known or expected.
Skin contact	:	No symptoms known or expected.
		No symptoms known or expected.
Ingestion	:	No symptoms known or expected.
		No symptoms known or expected.
Inhalation	:	No symptoms known or expected.
		No symptoms known or expected.

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	no data available
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects : This product has no known ecotoxicological effects.

Product

Toxicity to fish :

LC50 Fathead Minnow: 3,089 mg/l
Exposure time: 48 h
Test substance: Product

LC50 Fathead Minnow: 3,089 mg/l
Exposure time: 96 h
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Ceriodaphnia dubia: 1,716 mg/l
Exposure time: 48 h
Test substance: Product

NOEC Ceriodaphnia dubia: 1,296 mg/l
Exposure time: 48 h
Test substance: Product

Persistence and degradability

no data available

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	10 - 30%
Soil	:	70 - 90%

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

Disposal methods : Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

The presence of an RQ component (Reportable Quantity for U.S. DOT) in this product causes it to be regulated with an additional description of RQ for road, or as Environmentally hazardous for road and air, ONLY when the net weight in the package exceeds the calculated RQ for the product.

Land transport (DOT)

Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name(s)	:	Sodium Tripolyphosphate
UN/ID No.	:	UN 3082
Transport hazard class(es)	:	9
Packing group	:	III
Reportable Quantity (per package)	:	67,750 lbs
RQ Component	:	Sodium Tripolyphosphate

Air transport (IATA)

Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical name(s)	:	Sodium Tripolyphosphate
UN/ID No.	:	UN 3082
Transport hazard class(es)	:	9
Packing group	:	
Reportable Quantity (per package)	:	67,750 lbs
RQ Component	:	Sodium Tripolyphosphate

Sea transport (IMDG/IMO)

Proper shipping name	:	PRODUCT IS NOT REGULATED DURING TRANSPORTATION

Section: 15. REGULATORY INFORMATION

TSCA list	:	No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium Tripolyphosphate	7758-29-4	5000	67750

CERCLA Reportable Quantity

This product does not contain a RQ substance, or this product contains a substance with a RQ, however the calculated RQ exceeds the reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : This material does not contain any components with a section 302 EHS TPQ.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

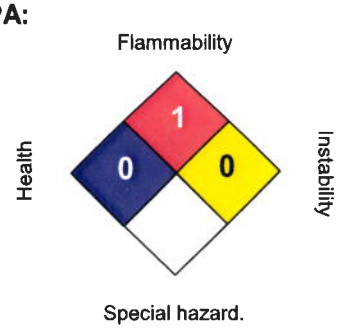
INTERNATIONAL CHEMICAL CONTROL LAWS :

Canadian Domestic Substances List (DSL)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

United States TSCA Inventory
On or in compliance with the active portion of the TSCA inventory

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date : 05/15/2020
Version Number : 1.3
Prepared By : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use,

processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NALCO® 359

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NALCO® 359
Other means of identification	:	Not applicable.
Recommended use	:	CORROSION INHIBITOR
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630)305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	03/15/2018

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids	:	Category 4
Acute toxicity (Inhalation)	:	Category 4
Skin corrosion	:	Category 1B
Serious eye damage	:	Category 1
Specific target organ toxicity - single exposure	:	Category 3 (Respiratory system)

GHS Label element

Hazard pictograms :



Signal Word : Danger

Hazard Statements : Combustible liquid
Harmful if swallowed or in contact with skin
Causes severe skin burns and eye damage.
Toxic if inhaled.
May cause respiratory irritation.

Precautionary Statements : **Prevention:**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:

IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Storage:
Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Disposal:
Dispose of contents/ container to an approved waste disposal plant.

Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Concentration: (%)
Diethylethanolamine	100-37-8	30 - 60

Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention immediately.

Protection of first-aiders : In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.

Notes to physician : Treat symptomatically.

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Foam
Carbon dioxide
Dry powder
Other extinguishing agent suitable for Class B fires
For large fires, use water spray or fog, thoroughly drenching the burning

material.

Unsuitable extinguishing media	:	None known.
Specific hazards during firefighting	:	Fire Hazard Keep away from heat and sources of ignition. Flash back possible over considerable distance.
Hazardous combustion products	:	Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) Sulphur oxides Oxides of phosphorus
Special protective equipment for firefighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Remove all sources of ignition. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	:	Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Do not ingest. Keep away from fire, sparks and heated surfaces. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation.
Conditions for safe storage	:	Keep away from heat and sources of ignition. Do not store near acids. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.
Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use.
Unsuitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Copper, Brass, Bronze, and their alloys

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Diethylethanolamine	100-37-8	TWA	2 ppm	ACGIH
		TWA	10 ppm 50 mg/m3	NIOSH REL
		TWA	10 ppm 50 mg/m3	OSHA Z1

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection : Safety goggles
Face-shield

Hand protection : Wear the following personal protective equipment:
Standard glove type.
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

Colour : colourless

Odour : amine-like

Flash point : 89 °C, Method: ASTM D 93, Pensky-Martens closed cup

pH : 11.7,(100 %), Method: ASTM E 70

Odour Threshold : no data available

Melting point/freezing point : FREEZING POINT: -12 °C, ASTM D-1177

Initial boiling point and boiling range : no data available

Evaporation rate : no data available

Flammability (solid, gas) : no data available

Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	0.98 - 0.99, (15.6 °C), ASTM D-1298
Density	:	0.98 - 0.99 g/cm3 , 8.1 - 8.2 lb/gal
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	8.1 mPa.s (25 °C), Method: ASTM D 2983
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	39.8 %, Calculation method

Section: 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Strong oxidizing agents Strong acids
Hazardous decomposition products	:	Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) Sulphur oxides Oxides of phosphorus

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Causes serious eye damage.
Skin	:	Harmful in contact with skin. Causes severe skin burns.

Ingestion	:	Harmful if swallowed. Causes digestive tract burns.
Inhalation	:	Toxic if inhaled. May cause respiratory tract irritation. Harmful if inhaled. May cause nose, throat, and lung irritation.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	Redness, Pain, Corrosion
Skin contact	:	Redness, Pain, Corrosion
Ingestion	:	Corrosion, Abdominal pain
Inhalation	:	Respiratory irritation, Cough

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: 3,266 mg/kg
Acute inhalation toxicity	:	Acute toxicity estimate: 11.56 mg/l Exposure time: 4 h Test atmosphere: vapour
Acute dermal toxicity	:	Acute toxicity estimate: 2,764 mg/kg
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects	:	This product has no known ecotoxicological effects.

Product

Toxicity to fish	:	LC50 Oncorhynchus mykiss (rainbow trout): 100 - 1,000 mg/l Exposure time: 96 hrs Test substance: Product

LC50 Lepomis macrochirus (Bluegill sunfish): 100 - 1,000 mg/l
Exposure time: 96 hrs
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Daphnia magna: 402 mg/l
Exposure time: 48 hrs
Test substance: Product

EC50 Daphnia magna: 325 mg/l
Exposure time: 48 hrs
Test substance: Product

NOEC Daphnia magna: 125 mg/l
Exposure time: 48 hrs
Test substance: Product

Components

Toxicity to algae : Diethylethanolamine
EC50 : 44 mg/l
Exposure time: 72 h

Persistence and degradability

The organic portion of this preparation is expected to be readily biodegradable.

Chemical Oxygen Demand (COD): 141,000 mg/l

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	50 - 70%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

Disposal methods	:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

Proper shipping name	:	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name(s)	:	DIETHYLAMINOETHANOL
UN/ID No.	:	UN 2735
Transport hazard class(es)	:	8
Packing group	:	II

Air transport (IATA)

Proper shipping name	:	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name(s)	:	DIETHYLAMINOETHANOL
UN/ID No.	:	UN 2735
Transport hazard class(es)	:	8
Packing group	:	II

Sea transport (IMDG/IMO)

Proper shipping name	:	AMINES, LIQUID, CORROSIVE, N.O.S.
Technical name(s)	:	DIETHYLAMINOETHANOL
UN/ID No.	:	UN 2735
Transport hazard class(es)	:	8
Packing group	:	II

Section: 15. REGULATORY INFORMATION

TSCA list	:	No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	:	Flammable (gases, aerosols, liquids, or solids) Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Specific target organ toxicity (single or repeated exposure)
SARA 302	:	This material does not contain any components with a section 302 EHS TPQ.
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL CHEMICAL CONTROL LAWS :

United States TSCA Inventory
The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

Canadian Domestic Substances List (DSL)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

Korea. Korean Existing Chemicals Inventory (KECI)
All substances in this product comply with the Chemical Control Act (CCA) and are listed on the Existing Chemicals List (ECL)

Japan. ENCS - Existing and New Chemical Substances Inventory
This product contains substance(s) which are not in compliance with the Law Regulating the Manufacture and Importation Of Chemical Substances and are not listed on the Existing and New Chemical Substances list (ENCS).

Australia. Industrial Chemical (Notification and Assessment) Act
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

Philippines Inventory of Chemicals and Chemical Substances (PICCS)
All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

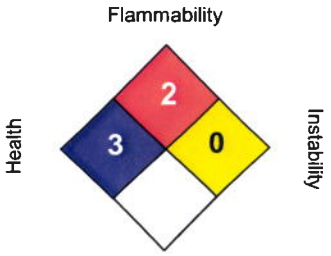
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand
not determined

China Inventory of Existing Chemical Substances
All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on or exempt from the Inventory of Existing Chemical Substances China (IECSC).

Taiwan Chemical Substance Inventory
not determined

Section: 16. OTHER INFORMATION

NFPA:



Special hazard.

HMIS III:

HEALTH	3
FLAMMABILITY	2
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	03/15/2018
Version Number	:	1.1
Prepared By	:	Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NALCO® 7330

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NALCO® 7330
Other means of identification	:	Not applicable.
Recommended use	:	BIOCIDE
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630)305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	04/23/2018

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Inhalation)	:	Category 4
Skin corrosion	:	Category 1B
Serious eye damage	:	Category 1
Skin sensitization	:	Category 1

GHS Label element

Hazard pictograms :



Signal Word : Danger

Hazard Statements : Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Harmful if inhaled.

Precautionary Statements : **Prevention:**
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/ physician. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse.
Storage:
Store locked up.
Disposal:
Dispose of contents/ container to an approved waste disposal plant.

Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Chemical Name	CAS-No.	Concentration: (%)
Magnesium Nitrate	10377-60-3	1 - 5
5-Chloro-2-Methyl-4-Isothiazolin-3-one	26172-55-4	1.1
2-Methyl-4-Isothiazolin-3-one	2682-20-4	0.4

Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention.

Protection of first-aiders : In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.

Notes to physician : Treat symptomatically.

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

Specific hazards during firefighting : Not flammable or combustible.

Hazardous combustion products	:	Carbon oxides nitrogen oxides (NOx) Hydrogen chloride metal oxides
Special protective equipment for firefighters	:	Use personal protective equipment.
Specific extinguishing methods	:	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. DEACTIVATION SOLUTION - prepare a fresh solution of 5% sodium bicarbonate and 5% sodium hypochlorite in water (i.e. add 50 grams of sodium bicarbonate per 1 liter of household bleach, seal container then shake well for 1 minute) away from the immediate area of spill. Prepare 10 times the estimated volume of the residual spill. The materials and equipment for preparing solutions should be kept available for use in areas where spills may occur.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation.
Conditions for safe storage	:	Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.
Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: HDPE (high density polyethylene), PTFE, Perfluoroelastomer, Polyvinylidene difluoride, Polypropylene, CPVC (rigid), Plexiglass
Unsuitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Carbon steel, Stainless Steel 304, Stainless Steel 316L, Nitrile, Brass, Nylon, Neoprene, EPDM, Fluoroelastomer, Plasite 7122

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures	:	Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection	:	Safety goggles Face-shield
Hand protection	:	Wear the following personal protective equipment: butyl-rubber Nitrile rubber Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	:	Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing
Respiratory protection	:	No personal respiratory protective equipment normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	colourless
Odour	:	pungent
Flash point	:	Not applicable.
pH	:	2 - 5,(100 %), (25 °C)
Odour Threshold	:	no data available
Melting point/freezing point	:	-4 °C, ASTM D-1177
Initial boiling point and boiling range	:	100 °C, Method: ASTM D 86
Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	similar to water
Relative vapour density	:	no data available
Relative density	:	1.026, (25 °C),
Density	:	8.5 lb/gal

Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	3 mPa.s (25 °C)
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	0 %, EPA Method 24

Section: 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	None known.
Incompatible materials	:	Contact with strong oxidizers (e.g. chlorine, peroxides, chromates, nitric acid, perchlorate, concentrated oxygen, permanganate) may generate heat, fires, explosions and/or toxic vapors.
Hazardous decomposition products	:	In case of fire, hazardous decomposition products may be produced such as: Carbon oxides nitrogen oxides (NOx) metal oxides Hydrogen chloride

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Causes serious eye damage.
Skin	:	Causes severe skin burns. May cause allergic skin reaction.
Ingestion	:	Causes digestive tract burns.
Inhalation	:	Harmful if inhaled. May cause nose, throat, and lung irritation.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	Redness, Pain, Corrosion
Skin contact	:	Redness, Pain, Irritation, Corrosion, Allergic reactions
Ingestion	:	Corrosion, Abdominal pain

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
		Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	:	LC50: 13.7 mg/l Test atmosphere: vapour
		Acute toxicity estimate: 20.39 mg/l Exposure time: 4 h Test atmosphere: dust/mist
Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects	:	Very toxic to aquatic life.

Product

Toxicity to fish	:	LC50 Cyprinodon variegatus (sheepshead minnow): 32.000 mg/l Exposure time: 96 hrs Test substance: Product
		LC50 Pimephales promelas (fathead minnow): 8 mg/l Exposure time: 144 hrs Test substance: Product (estimated)
		LC50 Lepomis macrochirus (Bluegill sunfish): 18.67 mg/l

Exposure time: 96 hrs
Test substance: Product

LC50 Rainbow Trout: 12.67 mg/l
Exposure time: 96 hrs
Test substance: Product

LC50 Inland Silverside: 16.62 mg/l
Exposure time: 96 hrs
Test substance: Product

LC50 Cyprinodon variegatus (sheepshead minnow): 0.3 mg/l
Exposure time: 96 hrs
Test substance: Active Substance

NOEC Cyprinodon variegatus (sheepshead minnow): 18.000 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Inland Silverside: 12.5 mg/l
Exposure time: 96 hrs
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Mysid Shrimp (Mysidopsis bahia): 18.000 mg/l
Exposure time: 96 hrs
Test substance: Product

LC50 Ceriodaphnia dubia: 13 mg/l
Exposure time: 48 hrs
Test substance: Product

LC50 Daphnia magna (Water flea): 8.7 - 12 mg/l
Exposure time: 48 hrs
Test substance: Product (estimated)

LC50 Blue Mussel: 865 mg/l
Exposure time: 48 hrs
Test substance: Product (estimated)

LC50 American Oyster: 1,730 mg/l
Exposure time: 48 hrs
Test substance: Product (estimated)

NOEC Mysid Shrimp (Mysidopsis bahia): < 10 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Ceriodaphnia dubia: 10 mg/l
Exposure time: 48 hrs
Test substance: Product (estimated)

Toxicity to algae : EC50 Marine Algae (Skeletonema costatum): 0.003 mg/l
Exposure time: 72 h
Test substance: Active Substance

EC50 Green Algae (Pseudokirchneriella subcapitata, previously Selenastrum capricornutum): 0.018 mg/l
Exposure time: 72 h
Test substance: Active Substance

Persistence and degradability

Total Organic Carbon (TOC) : 7,850 mg/l

Chemical Oxygen Demand (COD): 20,000 mg/l

Biochemical Oxygen Demand (BOD):

Incubation Period	Value	Test Descriptor
	20 mg/l	

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	50 - 70%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

no data available

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it could meet the criteria of a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Before disposal, it should be determined if the waste meets the criteria of a hazardous waste.

Disposal methods	:	The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

Proper shipping name	:	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Technical name(s)	:	5-Chloro-2-Methyl-4-Isothiazolin-3-one
UN/ID No.	:	UN 3265
Transport hazard class(es)	:	8
Packing group	:	II

Air transport (IATA)

Proper shipping name	:	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Technical name(s)	:	5-Chloro-2-Methyl-4-Isothiazolin-3-one
UN/ID No.	:	UN 3265
Transport hazard class(es)	:	8
Packing group	:	II

Sea transport (IMDG/IMO)

Proper shipping name	:	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
Technical name(s)	:	5-Chloro-2-Methyl-4-Isothiazolin-3-one
UN/ID No.	:	UN 3265
Transport hazard class(es)	:	8
Packing group	:	II
*Marine pollutant	:	5-Chloro-2-Methyl-4-Isothiazolin-3-one

* Note: This product is regulated as a Marine Pollutant when shipped by Rail or Highway (in bulk quantities), and when shipped by water in all quantities.

Section: 15. REGULATORY INFORMATION

TSCA list : No substances are subject to a Significant New Use Rule.

The following substance(s) is/are subject to TSCA 12(b) export notification requirements: 5-Chloro-2-Methyl-4-Isothiazolin-3-one

EPA Reg. No. : 1706-153

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Cupric Nitrate	3251-23-8	100	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	:	Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Respiratory or skin sensitisation
SARA 302	:	This material does not contain any components with a section 302 EHS TPQ.
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL CHEMICAL CONTROL LAWS :

United States TSCA Inventory
This product is exempted under TSCA and regulated under FIFRA. The inerts are on the Inventory List.

Australia. Industrial Chemical (Notification and Assessment) Act
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

Canadian Domestic Substances List (DSL)
Substances regulated under the Pest Control Products Act are exempt from CEPA New Substance Notification requirements.

Japan. ENCS - Existing and New Chemical Substances Inventory
All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

Korea. Korean Existing Chemicals Inventory (KECI)
All substances in this product comply with the Chemical Control Act (CCA) and are listed on the Existing Chemicals List (ECL)

Philippines Inventory of Chemicals and Chemical Substances (PICCS)
All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

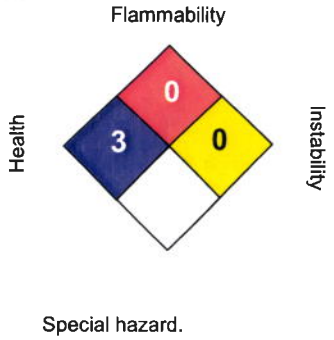
China Inventory of Existing Chemical Substances
All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on or exempt from the Inventory of Existing Chemical Substances China (IECSC).

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand
All substances in this product comply with the Hazardous Substances and New Organisms (HSNO) Act 1996,and are listed on or are exempt from the New Zealand Inventory of Chemicals.

Taiwan Chemical Substance Inventory
All substances in this product comply with the Taiwan Existing Chemical Substances Inventory (ECSI).

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	3*
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	04/23/2018
Version Number	:	1.5
Prepared By	:	Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

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For additional copies of an SDS visit www.nalco.com and request access.

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

NexGuard® 22352

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	NexGuard® 22352
Other means of identification	:	Not applicable.
Recommended use	:	BOILER WATER MULTIFUNCTIONAL TREATMENT
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630)305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	11/03/2016

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion	:	Category 1A
Serious eye damage	:	Category 1

GHS Label element

Hazard pictograms :



Signal Word	:	Danger
Hazard Statements	:	Causes severe skin burns and eye damage.
Precautionary Statements	:	**Prevention:** Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection. **Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse. **Storage:** Store locked up. Protect product from freezing. **Disposal:** Dispose of contents/ container to an approved waste disposal plant.

Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Chemical Name	CAS-No.	Concentration: (%)
Potassium Hydroxide	1310-58-3	1 - 5
Diethylethanolamine	100-37-8	1 - 5

Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

Protection of first-aiders : In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.

Notes to physician : Treat symptomatically.

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards during firefighting : Not flammable or combustible.

Hazardous combustion products : Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) Sulphur oxides Oxides of phosphorus

Special protective equipment for firefighters : Use personal protective equipment.

Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up	:	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation.
Conditions for safe storage	:	Do not store near acids. Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers. Protect product from freezing.
Suitable material	:	Keep in properly labelled containers.
Unsuitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Product is corrosive to aluminum. Aluminum should not be used for feed, storage, or transportation systems.

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Potassium Hydroxide	1310-58-3	Ceiling	2 mg/m3	ACGIH
		Ceiling	2 mg/m3	NIOSH REL
Diethylethanolamine	100-37-8	TWA	2 ppm	ACGIH
		TWA	10 ppm 50 mg/m3	NIOSH REL
		TWA	10 ppm 50 mg/m3	OSHA Z1

Engineering measures	:	Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection	:	Safety goggles

		Face-shield
Hand protection	:	Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin protection	:	Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing
Respiratory protection	:	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	orange
Odour	:	Slight
Flash point	:	> 93.3 °C, Method: ASTM D 93, Pensky-Martens closed cup
pH	:	12.6, 100 %, (25 °C), Method: ASTM E 70
Odour Threshold	:	no data available
Melting point/freezing point	:	FREEZING POINT: -10 °C, ASTM D-1177
Initial boiling point and boiling range	:	no data available
Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	1.14, (25 °C), ASTM D-1298
Density	:	9.5 lb/gal
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition temperature	:	no data available

Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	3 mm2/s (20 °C)
Molecular weight	:	no data available
VOC	:	no data available

Section: 10. STABILITY AND REACTIVITY

Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Freezing temperatures.
Incompatible materials	:	Strong acids
Hazardous decomposition products	:	Decomposition products may include the following materials: Carbon oxides nitrogen oxides (NOx) Sulphur oxides Oxides of phosphorus

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Causes serious eye damage.
Skin	:	Causes severe skin burns.
Ingestion	:	Causes digestive tract burns.
Inhalation	:	May cause nose, throat, and lung irritation.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	Redness, Pain, Corrosion
Skin contact	:	Redness, Pain, Corrosion
Ingestion	:	Corrosion, Abdominal pain
Inhalation	:	Respiratory irritation, Cough

Toxicity

Product

Acute oral toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	:	Acute toxicity estimate: > 40 mg/l Exposure time: 4 h
Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Skin corrosion/irritation	:	no data available
Serious eye damage/eye irritation	:	no data available
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects : This product has no known ecotoxicological effects.

Product

Toxicity to fish : LC50 Oncorhynchus mykiss (rainbow trout): 3,540 mg/l
Exposure time: 96 hrs
Test substance: Product

LC50 Pimephales promelas (fathead minnow): 3,684 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Pimephales promelas (fathead minnow): 2,500 mg/l
Exposure time: 96 hrs
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Daphnia magna (Water flea): 2,410 mg/l
Exposure time: 48 hrs
Test substance: Product

Components

Toxicity to algae : Diethylethanolamine
EC50 : 44 mg/l
Exposure time: 72 h

Persistence and degradability

The organic portion of this preparation is expected to be inherently biodegradable.

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	50 - 70%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it could meet the criteria of a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Before disposal, it should be determined if the waste meets the criteria of a hazardous waste.

Hazardous Waste:	:	D002
Disposal methods	:	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

The presence of an RQ component (Reportable Quantity for U.S. DOT) in this product causes it to be regulated with an additional description of RQ for road, or as Environmentally hazardous for road and air, ONLY when the net weight in the package exceeds the calculated RQ for the product.

Land transport (DOT)

Proper shipping name	:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
Technical name(s)	:	POTASSIUM HYDROXIDE

UN/ID No.	:	UN 3266
Transport hazard class(es)	:	8
Packing group	:	III
Reportable Quantity (per package)	:	34,960 lbs
RQ Component	:	POTASSIUM HYDROXIDE

Air transport (IATA)

Proper shipping name	:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
Technical name(s)	:	POTASSIUM HYDROXIDE
UN/ID No.	:	UN 3266
Transport hazard class(es)	:	8
Packing group	:	III
Reportable Quantity (per package)	:	34,960 lbs
RQ Component	:	POTASSIUM HYDROXIDE

Sea transport (IMDG/IMO)

Proper shipping name	:	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
Technical name(s)	:	POTASSIUM HYDROXIDE
UN/ID No.	:	UN 3266
Transport hazard class(es)	:	8
Packing group	:	III

Section: 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Potassium Hydroxide	1310-58-3	1000	34965

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL CHEMICAL CONTROL LAWS :

TOXIC SUBSTANCES CONTROL ACT (TSCA)
The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA)
The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

AUSTRALIA
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

CHINA
This product contains substance(s) which are not in compliance with the Provisions on the Environmental Administration of New Chemical Substances and may require additional review.

JAPAN
This product contains substance(s) which are not in compliance with the Law Regulating the Manufacture and Importation Of Chemical Substances and are not listed on the Existing and New Chemical Substances list (ENCS).

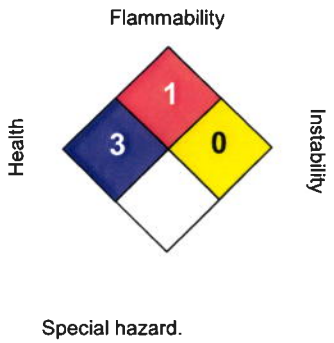
KOREA
All substances in this product comply with the Chemical Control Act (CCA) and are listed on the Existing Chemicals List (ECL)

PHILIPPINES
All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

Taiwan
All substances in this product comply with the Taiwan Existing Chemical Substances Inventory (ECSI).

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	11/03/2016
Version Number	:	1.1
Prepared By	:	Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

NALCO Water
An Ecolab Company

SAFETY DATA SHEET

STABREX™ ST70

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	STABREX™ ST70
Other means of identification	:	Not applicable.
Restrictions on use	:	Refer to available product literature or ask your local Sales Representative for restrictions on use and dose limits.
Company	:	Nalco Company 1601 W. Diehl Road Naperville, Illinois 60563-1198 USA TEL: (630) 305-1000
Emergency telephone number	:	(800) 424-9300 (24 Hours) CHEMTREC
Issuing date	:	09/11/2019

Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral)	:	Category 4
Acute toxicity (Inhalation)	:	Category 4
Skin corrosion	:	Category 1
Serious eye damage	:	Category 1

GHS Label element

Hazard pictograms :



Signal Word : Danger

Hazard Statements : Harmful if swallowed or if inhaled
Causes severe skin burns and eye damage.

Precautionary Statements :

Prevention:
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.
Disposal:
Dispose of contents/ container to an approved waste disposal plant.

Other hazards : None known.

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Chemical Name	CAS-No.	Concentration: (%)
Sodium Bromide	7647-15-6	9.23
Sodium Hypochlorite	7681-52-9	6.36
Sodium Chloride	7647-14-5	1 - 5
Sodium Hydroxide	1310-73-2	1 - 5

Section: 4. FIRST AID MEASURES

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention.

Protection of first-aiders : In event of emergency assess the danger before taking action. Do not put yourself at risk of injury. If in doubt, contact emergency responders. Use personal protective equipment as required.

Notes to physician : Treat symptomatically.

Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : None known.

Specific hazards during firefighting : Not flammable or combustible.

Special protective equipment for firefighters : Use personal protective equipment.

Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	:	This product is toxic to fish and other aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. DO NOT discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. The requirements of applicable laws should be determined before using the product.
Methods and materials for containment and cleaning up	:	Clean-up methods - small spillage Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean-up methods - large spillage For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water. Contact an approved waste hauler for disposal of contaminated recovered material. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).

Section: 7. HANDLING AND STORAGE

Advice on safe handling	:	Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation. Mixing this product with acid or ammonia releases chlorine gas.
Conditions for safe storage	:	Do not store near acids. Keep out of reach of children. Keep container tightly closed. Store in suitable labelled containers.
Suitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Polyethylene, Polypropylene, Compatibility with Plastic Materials can vary; we therefore recommend that compatibility is tested prior to use., HDPE (high density polyethylene), Neoprene, PVC, Polyurethane, Chlorosulfonated polyethylene rubber, Fluoroelastomer
Unsuitable material	:	The following compatibility data is suggested based on similar product data and/or industry experience: Brass, Buna-N, EPDM, Stainless Steel 316L, Stainless Steel 304, 100% phenolic resin liner, Epoxy phenolic resin, Mild steel

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Sodium Hypochlorite	7681-52-9	STEL	2 mg/m3	AIHA WEEL

Sodium Hydroxide	1310-73-2	Ceiling	2 mg/m3	ACGIH
		Ceiling	2 mg/m3	NIOSH REL
		TWA	2 mg/m3	OSHA Z1

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection : Safety goggles
Face-shield

Hand protection : Wear the following personal protective equipment:
butyl-rubber
Neoprene gloves
Nitrile rubber
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Combined particulates and inorganic gas/vapour type

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Liquid
Colour	:	light yellow
Odour	:	odourless
Flash point	:	Not applicable.
pH	:	13.0
Odour Threshold	:	no data available
Melting point/freezing point	:	-8.2 °C, ASTM D-1177
Initial boiling point and boiling range	:	no data available
Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	7.7 mm Hg, (25 °C), ASTM D 2879-86, 27 mm Hg, (46 °C), ASTM D 2879-86,

Relative vapour density	:	no data available
Relative density	:	1.305 - 1.380, (25 °C), ASTM D-1298
Density	:	11.0 - 11.3 lb/gal
Water solubility	:	completely soluble
Solubility in other solvents	:	no data available
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	7 mPa.s
Viscosity, kinematic	:	no data available
Molecular weight	:	no data available
VOC	:	0 %, EPA Method 24

Section: 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Mixing this product with acid or ammonia releases chlorine gas.
Conditions to avoid	:	Avoid extremes of temperature. Heat and light which can accelerate decomposition. Freezing temperatures.
Incompatible materials	:	None known.

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes	:	Causes serious eye damage.
Skin	:	Causes severe skin burns.
Ingestion	:	Harmful if swallowed. Causes digestive tract burns.
Inhalation	:	Harmful if inhaled. May cause nose, throat, and lung irritation.
Chronic Exposure	:	Health injuries are not known or expected under normal use.

Experience with human exposure

Eye contact	:	Redness, Pain, Corrosion
Skin contact	:	Redness, Pain, Corrosion
Ingestion	:	Corrosion, Abdominal pain
Inhalation	:	Respiratory irritation, Cough

Toxicity

Product

Acute oral toxicity	:	LD50 rat: 1,500 mg/kg
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg
Skin corrosion/irritation	:	Species: rabbit Result: 7.9 Method: Draize Test Test substance: Similar Product
Serious eye damage/eye irritation	:	Species: rabbit Result: Corrosive Method: Draize Test Test substance: Similar Product
Respiratory or skin sensitization	:	no data available
Carcinogenicity	:	no data available
Reproductive effects	:	no data available
Germ cell mutagenicity	:	no data available
Teratogenicity	:	no data available
STOT - single exposure	:	no data available
STOT - repeated exposure	:	no data available
Aspiration toxicity	:	no data available

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity

Environmental Effects	:	Toxic to aquatic life.

Product

Toxicity to fish	:	LC50 Oncorhynchus mykiss (rainbow trout): 4.5 mg/l Exposure time: 96 hrs Test substance: Product LC50 Cyprinodon variegatus (sheepshead minnow): 16 mg/l Exposure time: 96 hrs Test substance: Product

LC50 Pimephales promelas (fathead minnow): 8.3 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Oncorhynchus mykiss (rainbow trout): 1.3 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Cyprinodon variegatus (sheepshead minnow): 8 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Pimephales promelas (fathead minnow): 3.6 mg/l
Exposure time: 96 hrs
Test substance: Product

LC50 Pimephales promelas (fathead minnow): 7.1 mg/l
Exposure time: 48 hrs
Test substance: Product

NOEC Pimephales promelas (fathead minnow): 5.0 mg/l
Exposure time: 48 hrs
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates : LC50 Daphnia magna (Water flea): 4.3 mg/l
Exposure time: 48 hrs
Test substance: Product

LC50 Mysid Shrimp (Mysidopsis bahia): 27 mg/l
Exposure time: 96 hrs
Test substance: Product

LC50 Ceriodaphnia dubia: 1.6 mg/l
Exposure time: 48 hrs
Test substance: Product

EC50 Daphnia magna (Water flea): 4.2 mg/l
Exposure time: 48 hrs
Test substance: Product

NOEC Daphnia magna (Water flea): 2.2 mg/l
Exposure time: 48 hrs
Test substance: Product

NOEC Mysid Shrimp (Mysidopsis bahia): 13 mg/l
Exposure time: 96 hrs
Test substance: Product

NOEC Ceriodaphnia dubia: 0.63 mg/l
Exposure time: 48 hrs
Test substance: Product

Toxicity to algae : LC50 Green Algae (Pseudokirchneriella subcapitata, previously Selenastrum capricornutum): 3.66 mg/l
Exposure time: 72 hrs

Test substance: Product

NOEC Green Algae (Pseudokirchneriella subcapitata, previously Selenastrum capricornutum): 2.5 mg/l
Exposure time: 72 hrs
Test substance: Product

Toxicity to fish (Chronic toxicity) : EC25 / IC25: 3.34 mg/l
Exposure time: 7 Days
Species: Fathead Minnow
Test substance: Product

LOEC: 5 mg/l
Exposure time: 7 Days
Species: Fathead Minnow
Test substance: Product

NOEC: 2.5 mg/l
Exposure time: 7 Days
Species: Fathead Minnow
Test substance: Product

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EC25 / IC25: 15.6 mg/l
Species: Ceriodaphnia dubia
Test substance: Product
Test Type: 3 Brood

NOEC: 2.5 mg/l
Species: Ceriodaphnia dubia
Test substance: Product
Test Type: 3 Brood

LOEC: 5.0 mg/l
Species: Ceriodaphnia dubia
Test substance: Product
Test Type: 3 Brood

NOEC: 20.0 mg/l
Species: Ceriodaphnia dubia
Test substance: Product
Test Type: 3 Brood

LOEC: 40.0 mg/l
Species: Ceriodaphnia dubia
Test substance: Product
Test Type: 3 Brood

Persistence and degradability

Chemical Oxygen Demand (COD): 89,900 mg/l

Biochemical Oxygen Demand (BOD):This material is an oxidizing biocide and is not expected to persist in the environment.

Mobility

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.
If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	:	<5%
Water	:	30 - 50%
Soil	:	30 - 50%

The portion in water is expected to be soluble or dispersible.

Bioaccumulative potential

This preparation or material is not expected to bioaccumulate.

Other information

no data available

Section: 13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it could meet the criteria of a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Before disposal, it should be determined if the waste meets the criteria of a hazardous waste.

Hazardous Waste:	:	D002
Disposal methods	:	The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
Disposal considerations	:	Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Section: 14. TRANSPORT INFORMATION

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

Proper shipping name	:	SODIUM HYDROXIDE SOLUTION
Technical name(s)	:	
UN/ID No.	:	UN 1824
Transport hazard class(es)	:	8
Packing group	:	II
Reportable Quantity (per	:	15,625 lbs

package)
RQ Component : Sodium Hydroxide

Air transport (IATA)

Proper shipping name	: SODIUM HYDROXIDE SOLUTION
Technical name(s)	:
UN/ID No.	: UN 1824
Transport hazard class(es)	: 8
Packing group	: II
Reportable Quantity (per package)	: 15,625 lbs
RQ Component	: Sodium Hydroxide

Sea transport (IMDG/IMO)

Proper shipping name	: SODIUM HYDROXIDE SOLUTION
Technical name(s)	:
UN/ID No.	: UN 1824
Transport hazard class(es)	: 8
Packing group	: II

Section: 15. REGULATORY INFORMATION

TSCA list : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

EPA Reg. No. : 1706-179

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium Hydroxide	1310-73-2	1000	15625

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute toxicity (any route of exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

INTERNATIONAL CHEMICAL CONTROL LAWS :

United States TSCA Inventory
This product is exempted under TSCA and regulated under FIFRA. The inerts are on the Inventory List.

Canadian Domestic Substances List (DSL)
Substances regulated under the Pest Control Products Act are exempt from CEPA New Substance Notification requirements.

Japan. ENCS - Existing and New Chemical Substances Inventory
All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

Korea. Korean Existing Chemicals Inventory (KECI)
All substances in this product comply with the Chemical Control Act (CCA) and are listed on the Existing Chemicals List (ECL)

Philippines Inventory of Chemicals and Chemical Substances (PICCS)
All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

China Inventory of Existing Chemical Substances
All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on or exempt from the Inventory of Existing Chemical Substances China (IECSC).

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand
All substances in this product comply with the Hazardous Substances and New Organisms (HSNO) Act 1996,and are listed on or are exempt from the New Zealand Inventory of Chemicals.

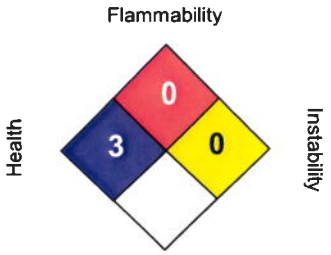
Australia. Industrial Chemical (Notification and Assessment) Act
All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

Taiwan Chemical Substance Inventory
All substances in this product comply with the Taiwan Existing Chemical Substances Inventory (ECSI).

Section: 16. OTHER INFORMATION

STABREX™ ST70

NFPA:



Special hazard.

HMIS III:

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date	:	09/11/2019
Version Number	:	1.6
Prepared By	:	Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
For additional copies of an SDS visit www.nalco.com and request access.

ATTACHMENT D
BOILER AND COOLING TOWER CHEMICAL USAGE SUMMARY

Attachment D - Boiler and Cooling Tower Chemical Usage Summary

East Processing Plant

Manufacturer's Product Identification Number	Product Use	Ingredient Chemical Name - Chemical CAS # - Chemical Composition	Bioaccumulative Product Classification	Product Half-Life	Product Toxicity Data	Concentration of whole product in waste stream	Chemical Usage Rate	Outfall Impacted
NALCO BC1011	Oxygen scavenger	Sodium bisulfite - 7631-90-5 - 1%-5%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 1 gal/day	001
NALCO BC2036T	Scale and corrosion inhibitor	No hazardous ingredients	Not bioaccumulative	Not available	See SDS	< 1%	≈ 1 gal/day	001

West Processing Plant

Manufacturer's Product Identification Number	Product Use	Ingredient Chemical Name - Chemical CAS # - Chemical Composition	Bioaccumulative Product Classification	Product Half-Life	Product Toxicity Data	Concentration of whole product in waste stream	Chemical Usage Rate	Outfall Impacted
CHEMAQUA 10270	Oxygen scavenger	Sodium bisulfite - 7631-90-5 - 15%-40% Sodium sulfite - 7757-83-7 - 3%-7%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 1.1 gal/day	001
CHEMAQUA 12800	Alkalinity builder	Potassium hydroxide - 1310-58-3 - 1%-5%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.6 gal/day	001
CHEMAQUA 18104	Amine	Diethyl ethanolamine - 100-37-8 - 10%-30% Cyclohexylamine - 108-91-8 - 7%-13% Morpholine - 110-91-8 - 7%-13%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.8 gal/day	001
CHEMAQUA 31005	Corrosion inhibitor	No hazardous ingredients	Not bioaccumulative	Not available	See SDS	< 1%	≈ 1.4 gal/day	001
CHECKMARK 40224 CM	Biocide	Polyethylene glycol - 25322-68-3 - 45%-70% 2,2-Dibromo-3-nitrilopropionamide - 10222-01-2 - 10%-30% Sodium bromide - 7647-15-6 - 3%-7% Dibromoacetonitrile - 3252-43-5 - 0.1%-1%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.2 gal/day	001
MB38	Biocide	Sodium hypochlorite - 7681-52-9 - 10%-30% Sodium hydroxide - 1310-73-2 - 1%-5%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.4 gal/day	001

Rendering Plant

Manufacturer's Product Identification Number	Product Use	Ingredient Chemical Name - Chemical CAS # - Chemical Composition	Bioaccumulative Product Classification	Product Half-Life	Product Toxicity Data	Concentration of whole product in waste stream	Chemical Usage Rate	Outfall Impacted
3D TRASAR 3DT230	Cooling water inhibitor	Phosphoric acid - 7664-38-2 - 1%-5% Sulfuric acid - 7664-93-9 - 1%-5% Benzotriazole - 95-14-7 - 1%-5%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 1.5 gal/day	001
NALCO 750	Antifoam	No hazardous ingredients	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.6 gal/day	001
NALCO BC1011	Oxygen scavenger	Sodium bisulfite - 7631-90-5 - 1%-5%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.07 gal/day	001
NALCO BC2036T	Scale and corrosion inhibitor	No hazardous ingredients	Not bioaccumulative	Not available	See SDS	< 1%	≈ 1.0 gal/day	001
NALCO 359	Corrosion inhibitor	Diethyl ethanolamine - 100-37-8 - 30%-60%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.07 gal/day	001
NALCO 7330	Biocide	Magnesium nitrate - 10377-60-3 - 1%-5% 5-Chloro-2-Methyl-4-Isothiazolin-3-one - 26172-55-4 - 1.1% 2-Methyl-4-Isothiazolin-3-one - 2682-20-4 - 0.4%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.01 gal/day	001
NexGuard 22352	Multifunctional treatment	Potassium hydroxide - 1310-58-3 - 1%-5% Diethyl ethanolamine - 100-37-8 - 1%-5%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 1.0 gal/day	001
STABREX ST70	Biocide	Sodium bromide - 7647-15-6 - 9.23% Sodium hypochlorite - 7681-52-9 - 6.36% Sodium chloride - 7647-14-5 - 1%-5% Sodium hydroxide - 1310-73-2 - 1%-5%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 1.0 gal/day	001

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Further Processing Plant (Prepared Foods)								
Manufacturer's Product Identification Number	Product Use	Ingredient Chemical Name - Chemical CAS # - Chemical Composition	Bioaccumulative Product Classification	Product Half-Life	Product Toxicity Data	Concentration of whole product in waste stream	Chemical Usage Rate	Outfall Impacted
NALCO BC1011	Oxygen scavenger	Sodium bisulfite - 7631-90-5 - 1%-5%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.3 gal/day	001
NALCO BC2036T	Scale and corrosion inhibitor	No hazardous ingredients	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.6 gal/day	001
NALCO 2B11	Alkalinity control	Sodium hydroxide - 1310-73-2 - 30%-60%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.1 gal/day	001
NALCO 359	Corrosion inhibitor	Diethyl ethanolamine - 100-37-8 - 30%-60%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.1 gal/day	001
STABREX ST70	Biocide	Sodium bromide - 7647-15-6 - 9.23% Sodium hypochlorite - 7681-52-9 - 6.36% Sodium chloride - 7647-14-5 - 1%-5% Sodium hydroxide - 1310-73-2 - 1%-5%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.1 gal/day	001
3D TRASAR 3DT230	Cooling water inhibitor	Phosphoric acid - 7664-38-2 - 1%-5% Sulfuric acid - 7664-93-9 - 1%-5% Benzotriazole - 95-14-7 - 1%-5%	Not bioaccumulative	Not available	See SDS	< 1%	≈ 0.1 gal/day	001

Truck Shop								
Manufacturer's Product Identification Number	Product Use	Ingredient Chemical Name - Chemical CAS # - Chemical Composition	Bioaccumulative Product Classification	Product Half-Life	Product Toxicity Data	Concentration of whole product in waste stream	Chemical Usage Rate	Outfall Impacted
No chemicals are used - boiler in Truck Shop is utilized for building heating purposes only.								

Notes: No chemicals are used in the condensers at the Processing Complex.

1) No chemicals are used in the condensers at the Processing Complex.

2) The above information was obtained from safety data sheets (SDS's) for each chemical used in the boilers/cooling tower. This SDS information was provided by the chemical suppliers that work with each facility.

ATTACHMENT E
CONTRACTOR LABORATORY SAMPLING INFORMATION

Attachment E – Contract Laboratory Sampling Information

Contract Laboraty Name: Environmental Monitoring Laboratory, L.L.C.

Contract Laboraty Contact Information:
P.O. Box 477
6145 State Highway 171
Hillsboro, Texas 76645
Phone: (254) 582-2622

Parameters Analyzed		
BOD (5-day)	Nitrate nitrogen	Sulfate
CBOD (5-day)	Total organic nitrogen	Chloride
Chemical oxygen demand	Total phosphorus	Total alkalinity (mg/L as CaCO3)
Dissolved oxygen	Oil and grease	Temperature (°F)
Ammonia nitrogen	Total residual chlorine	pH (standard units)
Total suspended solids	Total dissolved solids	E. coli

Contract Laboraty Name: Eurofins Dallas

Contract Laboraty Contact Information:
9701 Harry Hines Blvd.
Dallas, Texas 75220
Phone: (214) 902-0300

Parameters Analyzed		
Total organic carbon	Chloroform	Pentachlorophenol
Fluoride	Chrysene	Phenanthrene
Aluminum, total	m-Cresol [3-Methylphenol]	Polychlorinated biphenyls (PCBs) (**)
Antimony, total	o-Cresol [2-Methylphenol]	Pyridine
Arsenic, total	p-Cresol [4-Methylphenol]	1,2,4,5-Tetrachlorobenzene
Barium, total	1,2-Dibromoethane	1,1,2,2-Tetrachloroethane
Beryllium, total	m-Dichlorobenzene	Tetrachloroethene
Cadmium, total	[1,3-Dichlorobenzene]	[Tetrachloroethylene]
Chromium, total	o-Dichlorobenzene	Toluene
Chromium, hexavalent	[1,2-Dichlorobenzene]	1,1,1-Trichloroethane
Chromium, trivalent	p-Dichlorobenzene	1,1,2-Trichloroethane
Copper, total	[1,4-Dichlorobenzene]	Trichloroethene
Cyanide, available	3,3'-Dichlorobenzidine	[Trichloroethylene]
Lead, total	1,2-Dichloroethane	2,4,5-Trichlorophenol
Mercury, total	1,1-Dichloroethene	TTHM (Total trihalomethanes)
Nickel, total	[1,1-Dichloroethylene]	Vinyl chloride
Selenium, total	Dichloromethane	Bromide
Silver, total	[Methylene chloride]	Color (PCU)
Thallium, total	1,2-Dichloropropane	Nitrate-Nitrite (as N)
Zinc, total	1,3-Dichloropropene	Sulfide (as S)
Acrylonitrile	[1,3-Dichloropropylene]	Sulfite (as SO3)
Anthracene	2,4-Dimethylphenol	Surfactants
Benzene	Di-n-Butyl phthalate	Boron, total
Benzidine	Ethylbenzene	Cobalt, total
Benzo(a)anthracene	Fluoride	Iron, total
Benzo(a)pyrene	Hexachlorobenzene	Magnesium, total
Bis(2-chloroethyl)ether	Hexachlorobutadiene	Manganese, total
Bis(2-ethylhexyl)phthalate	Hexachlorocyclopentadiene	Molybdenum, total
Bromodichloromethane	Hexachloroethane	Tin, total
[Dichlorobromomethane]	Methyl ethyl ketone	Titanium, total
Bromoform	Nitrobenzene	
Carbon tetrachloride	N-Nitrosodiethylamine	
Chlorobenzene	N-Nitroso-di-n-butylamine	
Chlorodibromomethane	Nonylphenol	
[Dibromochloromethane]	Pentachlorobenzene	

ATTACHMENT F
TCEQ SAMPLING WAIVER REQUEST APPROVAL

Attachment F - TCEQ Sampling Waiver Request Approval

Jacob Cochran

From: Mike Lindner <Mike.Lindner@tceq.texas.gov>
Sent: Thursday, January 12, 2023 2:02 PM
To: Clark, Tyson
Cc: Monica Baez; Pierce, Dana; Jacob Cochran
Subject: RE: TPDES Permit Renewal Application Reduced Sampling Frequency Waiver Request

Sorry for the delay.

Both of your requests are granted.

Thx,

Mike Lindner
Team Leader
Industrial Wastewater Permitting
TCEQ
512 239 3045

From: Clark, Tyson <Tyson.Clark@pilgrims.com>
Sent: Wednesday, December 28, 2022 10:02 AM
To: Mike Lindner <Mike.Lindner@tceq.texas.gov>
Cc: Monica Baez <monica.baez@tceq.texas.gov>; Pierce, Dana <Dana.Pierce@pilgrims.com>; 'jcochran@wheeinc.com' <jcochran@wheeinc.com>
Subject: TPDES Permit Renewal Application Reduced Sampling Frequency Waiver Request

Good morning Mike,

Per your conversation with Mr. Cochran with WHEE, I have attached a signed letter requesting a reduced sampling frequency for our TPDES application.

Thank you,

Tyson Clark

Complex Environmental Manager
NETEX Complex
Tyson.Clark@pilgrims.com

O: 903.575.3176
C: 903.335.3866
www.pilgrims.com
1000 Pilgrims St.
Mt. Pleasant Tx. 75455

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December 28, 2022

Sent via Email to Mike Lindner
Water Quality Division
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

Re: TPDES Permit Renewal Application Reduced Sampling Frequency Waiver Request
TPDES Permit No. WQ0003017000
Pilgrim's Pride Corporation Southwest Wastewater Treatment Plant
Mount Pleasant, Texas

Mike Lindner,

This letter is being submitted in preparation for the completion of an industrial wastewater permit renewal application for the Pilgrim's Pride Southwest Wastewater Treatment Plant located at 664 Farm-to-Market Road 127 West in Mount Pleasant, Texas (Permit No. WQ0003017000).

Due to the nature of the contributing waste streams at the poultry processing complex, we feel that the metals listed in Table 2 of Worksheet 2.0 of Technical Report Form 10055 required for the industrial wastewater treatment renewal application will not be present in significant quantities in the influent to the facility, and as such we request that **only two (2) samples be required for the metals sampling required in Table 2 of Worksheet 2.0**.

Additionally, we likewise believe that, due to the nature of the industrial wastewater influent to the facility, the organic chemicals listed in Table 3 of Worksheet 2.0 of Form 10055 will not be present in significant quantities and as such request that **only one (1) sample be required for the organic chemicals sampling required in Table 3 of Worksheet 2.0.** Due to the fact that the parameters listed in Tables 2 and 3 are unlikely to be present in significant quantities in the wastewater influent to the facility and the elevated cost of collecting and analyzing the extensive list of constituents presented in Tables 2 and 3, we feel that the reduced sampling requirements listed above are appropriate. If the proposed reduction in sampling requirements for these parameters are acceptable to the Water Quality Division of the Texas Commission on Environmental Quality please provide a written confirmation of your agreement to be included in the wastewater permit renewal application.

Sincerely,

Tyson Clark
Complex Environmental Manager
Pilgrim's Pride Corporation

ATTACHMENT G
ADJACENT OWNER'S MAILING LABELS

PMCI PROPERTIES II LP
PO BOX 1540
MT PLEASANT, TX 75456-1540

JORGE HUMBERTO PEREZ &
PERLA RUIZ DE PEREZ
1522 SUGAR FORD WAY
JOILET, IL 60433

ARRETSON JOHNNY M
947 FARM ROAD 899
MOUNT PLEASANT, TX 75455-9229

MENDOZA JOSE & GABRIELA
559 CR 1314
MOUNT PLEASANT, TX 75455

RICHEY BIRDIE NELL
3054 VILLA SUR TRL
DALLAS, TX 75228

CITY OF MT PLEASANT TEXAS
501 N MADISON
MOUNT PLEASANT, TX 75455-3650

LOPEZ GABRIEL
160 COUNTY ROAD 2120
MOUNT PLEASANT, TX 75455

DOUGLAS PEGGY JEAN &
DANNY EDGAR DOUGLAS LTE
464 COUNTY ROAD 2120
MOUNT PLEASANT, TX 75455-9111

MCGUIRE DEBRA GLOVER
165 COUNTY ROAD 2120
MOUNT PLEASANT, TX 75455

GLOVER FRANK M ESTATE
165 COUNTY ROAD 2120
MOUNT PLEASANT, TX 75456-0287

TEXAS DEPT OF TRANSPORTATION
7600 WASHINGTON AVE
HOUSTON, TX 77007

CALDWELL CHARLES SARGENT JR
2370 FM 127
MOUNT PLEASANT, TX 75455

CALDWELL ALFRED MYLES
1024 VZCR 1923
FRUITVALE, TX 75127

CALDWELL WILLIAM HARGROVE
408 REDBUD LN
MOUNT PLEASANT, TX 75455-5757

VILLARREAL C&M FAMILY LTD
216 MARKET AV STE 115
BOERNE, TX 78006


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ATTACHMENT H
UPSTREAM AND DOWNSTREAM PHOTOGRAPHS

Attachment H – Upstream and Downstream Photographs



Photo 1 – Downstream of Discharge



Photo 2 – Upstream of Discharge

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Chief Clerk's Office, MC 105
Texas Commission on
Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

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FIELD SUPERVISOR
US FISH & WILDLIFE SERVICE
STE 140
2005 NE GREEN OAKS BLVD
ARLINGTON TX 76006-2601

Chief Clerk's Office, MC 105
Texas Commission on
Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

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MR JEFFREY S REED
LLOYD GOSSELINK ROCHELLE & TOWNS
STE 1900
816 CONGRESS AVE
AUSTIN TX 78701-2442

VAC
78711>3087