

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

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AUG 09 2023

Water Quality Applications Team

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.

City Of Raymondville (CN600245278) operates the City of Raymondville water treatment plant (RN101387694) a reverse osmosis system. The facility is located at 970 West San Francisco Avenue, in Raymondville, in Willacy County, Texas 78580.

This application is for renewal of the discharge of treated wastewater in a volume not to exceed the average daily flow of 644,000 gallons per day through Outfall 1.

Discharges from the facility are expected to contain the contaminants expected from the discharge with based on 40 CFR Part 423 are: total residual chlorine, total suspended solids, and ph. The temperature is also expected from these discharges. Additional potential contaminants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0. Wastewater is treated by the RO plant will consist of reverse osmosis membrane reject water (concentrate), reverse osmosis

system discharge water, and CIP cleaning solution disposal. Two brackish wells provide the raw water source for the RO plant. Raw water enters the RO Plant and undergoes antiscalant injection (AWC A-102 Ultra) to reduce scale formation on the reverse osmosis membranes and 5-micron filtration to remove remaining contaminants larger than 5 microns. The pre-treated water then enters the reverse osmosis system, where the permeated (purified product water) and concentrate are produced and sent to distribution and waste, respectively. When reverse osmosis membranes become dirty (expected to be infrequent; every few months to a year), they will be cleaned with a 2% by weight solution of AWC C-209 or AWC C-226, depending on the Indicator of Need cleaning. When cleanup is complete, the solution will be neutralized and disposed of as waste. Finally, effluent from emergency showers and eyewash stations will be disposed of during maintenance checks and chemical splash emergencies.

INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant's 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.

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