

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.

Shin-Etsu Silicones of America, Inc. (CN600559272) operates Shin-Etsu Silicones of America (RN102877768) a carbon functional silane production facility. The facility is located at 5650 E Highway 332, in Freeport, Brazoria County, Texas 77541.

This application is for a permit renewal to continue discharging at a daily average flow of 700,000 gallons per day of treated wastewater through one main discharge point, Outfall 001.

Discharges from the facility are expected to contain biochemical oxygen demand, total suspended solids, ammonia (as Nitrogen), chemical oxygen demand, Enterococci, dissolved silica, and organic compounds. The type, volume, and quality of wastewater discharged will not change as a result of the permit renewal. Discharges include process wastewater, process area stormwater, utility waters (cooling tower and boiler blowdown), water treatment waste (caustic soda dilution and softener regenerate) and treated domestic wastewater. Discharges are treated by physical treatment (primary and secondary clarifiers, and filtration), chemical treatment (pH adjustment), and biological treatment (activated sludge).

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.

Shin-Etsu Silicones of America, Inc. (CN600559272) opera Shin-Etsu Silicones of America (RN102877768) una planta de producción de silanos funcionales de carbono. La instalación esta ubicado en 5650 E Highway 332, en Freeport, Texas 77541.

Esta solicitud es para la renovación de un permiso a seguir descargando a un caudal medio diario de 700,000 galones por día de aguas residuales tratadas a través de un punto de descarga principal, Outfall 001.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno (DBO), solidos suspendidos totales, amoníaco (como nitrógeno), demanda química de oxígeno (DQO), Enterococos, sílice disuelta y compuestos orgánicos. El tipo, volumen y calidad de las aguas residuales descargadas no cambiarán como resultado de la renovación del permiso. Las descargas incluyen: guas residuales de proceso, aguas pluviales del área de proceso, aguas de servicios públicos (purga de torres de enfriamiento y calderas), desechos de tratamiento de agua (dilución de sosa cáustica y regeneración de suavizante) y aguas residuales domésticas tratadas. Las descargas se tratan mediante tratamiento físico (clarificadores primarios y secundarios, y filtración), tratamiento químico (ajuste del pH) y tratamiento biológico (lodos activados).

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.