**ENGLISH TEMPLATE FOR TPDES 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*.

*Energy Transfer GC NGL Fractionators LLC (CN604309419 ) operates MB Frac IV and V RN107858045 an existing natural gas processing plant that fractionates Y-grade natural gas liquids into ethane, propane, butane, and natural gasoline. The facility's raw material and products are stored in off-site salt dome caverns and transported to and from the facility through pipes, eliminating the need for on-site storage of raw materials or products. All plant wastewaters including reverse osmosis system rejection water, public water flush water, wet surface air cooler blowdown, and stormwater are directed to a pond which controls the water outlet through Outfall 001. This outfall discharges into a stormwater management ditch, that connects to an unnamed tributary of Cedar Bayou and from there to the Cedar Bayou Above Tidal (Segment 902). The facility is located approximately 0.7 miles southwest of the intersection of Hatcherville Road and Farm-to-Market Road 1942, in Baytown, Chambers County, Texas 77521. Energy Transfer GC NGL Fractionators LLC, which holds the permit, is requiring authorization to change the sampling technique from a grab sample to a flow-weighted composite sample for all sampling parameters.*

*Discharges from the facility are expected to contain surfactants, iron, magnesium, manganese, tin, titanium, and pH. All plant wastewaters including reverse osmosis rejection water, public water flush water, wet surface air cooler blowdown, and stormwater are directed to a pond which controls the water outlet through Outfall 001. The wet surface air coolers blowdown, along with the rejection water from the reverse osmosis, flow by gravity into the detention pond before discharging through Outfall 001. Defoaming agents are added as needed, to the existing cooling water discharges to prevent foam discharge through Outfall 001. Carbon dioxide is currently used to adjust the pH in the cooling water discharges. Hydrogen peroxide (ChemTreat CL427) is added to the cooling water discharges to remove chlorine.*