

**ATTACHMENT 13**  
**PLAIN LANGUAGE SUMMARY FOR TPDES PERMIT APPLICATIONS**  
**TPDES PERMIT NO WQ0001727000**  
**NOVEMBER 2023**

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.

**ENGLISH PLAIN LANGUAGE SUMMARY**

The Neches River Treatment Corporation and Lower Neches Valley Authority (CN601669559 / CN600126502) operates the North Regional Treatment Plant (RN101622876), a 21 MGD (permitted daily average flow) industrial wastewater treatment facility. The facility is located at 2655 Gulf States Road, in Beaumont, Jefferson County, Texas , 77701. This application is for the renewal and major amendment of TPDES Permit WQ0001727000. This permit authorizes a daily average discharge of 21 MGD of treated industrial process wastewater and storm water from the ExxonMobil Refinery and Chemical Plants, as well as Arkema and Chemtrade Logistics, all located in the Beaumont, TX area. A permit amendment is requested to address production increases at the ExxonMobil Refinery as well as a request for a new Outfall 002 to function as an alternate outfall to Outfall 001 for the discharge of the combined treated effluent from the activated sludge treatment facility.

Discharges from the facility are expected to contain pollutants associated with 40 CFR, Part 419, 414 and 415, which are: BOD, COD, TSS, oil & grease, phenolic compounds, ammonia, sulfide, total chromium, hex. chromium and OCPSF specific organic compounds. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0. Process wastewater and potentially contaminated storm water from the contributing industrial facilities is transferred in pipelines to the North Regional Treatment Plant (NRTP) where it is treated using equalization, biological activated sludge, gravity clarification and filtration, as needed, prior to discharge via Outfall 001 or proposed Outfall 002 into the Neches River Tidal – Segment 0601. The waste sludge from the treatment operation is thickened in a gravity thickener and the thickened sludge is transferred in a pipeline to an outside source for appropriate dewatering and disposal.