**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*.

Nouryon Functional Chemicals LLC and Nouryon Chemicals LLC (CN604727180 and CN605674076 ) operates Nouryon Functional Chemicals Battleground (RN102177391). a facility that manufactures commercial organometallic compounds that are used as catalysts and co-catalysts for chemical manufacturing and pharmaceutical uses, as well as for semiconductor grade metal organics that are used for electronic and research applications. The facility is located at 730 Independence Parkway South, in La Porte, Harris County, Texas 77571.

This application is for renewal with major amendment for Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0004119000 (EPA I.D. No. TX0006688) to increase the daily average discharge flow rate to 60,000 gallons per day and a maximum 75,000 gallons per day from the current daily average flow rate of 30,000 gallons per day dry-weather flow of storm water, wash water associated with industrial activity, previously monitored effluent, non-process external wash water, and cooling tower blowdown via Outfall 001.

Discharges from the facility are expected to contain Total Aluminum, Total Zinc, and Enterococci. The facility stormwater is conveyed into a wastewater pond via plant drainage system which consists of swales, ditches and drainpipes. Effluent from sanitary wastewater treatment unit enters the pond through a dedicated pipe. Water is used as a cooling media for the cooling oil system. Dowtherm J and Therminol 55 are used in the heating/cooling oil systems. This water does not come in contact with process equipment. Water used to clean process equipment is hauled off site via truck for treatment and is not part of this permit. The facility sanitary wastewater is treated bya 6,000 GPD sanitary package plant with extended aeration activated sludge treatment, settling, and sludge processes. The treated effluent discharges into the wastewater pond via Outfall 101, then through Outfall 001.