**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*.

Eco Services Operations Corp. (CN605004464 ) operates its Houston Plant (RN100220581), a sulfuric acid plant and hazardous waste incinerator. The facility is located at 8615 Manchester Street, in Houston, Harris County, Texas 77012. This application requests a major amendment and renewal of TPDES Permit No. WQ0000542000. The plant discharges to the Houston Ship Channel through two outfalls. Outfall 001 discharges at an average flow of 1.44 million gallons per day through a high-rate diffuser. Outfall 002 only discharges when stormwater flow exceeds the capacity of the diffuser or when the diffuser is not operating during maintenance. Outfall 003 is a “summation” outfall that is used to report the sum of the flows from Outfalls 001 and 002 when both are discharging. Internal Outfall 101 is the discharge to monitor wastewaters regulated by the federal effluent limitations guidelines at 40 CFR Part 444, Subpart A (commercial hazardous waste combustors). The major amendment requests removal of Internal Outfalls 102, 202 and 203 with no change of the existing permit effluent limits or flows for Outfalls 001 and 002. The amendment request includes removal of seven constituents that are not regulated by effluent limitations guidelines or water quality standards and are present at de minimis concentrations.

Discharges from the facility are expected to contain the constituents regulated at 40 CFR Part 444 (total suspended solids, arsenic, cadmium, chromium, copper, lead, mercury, silver, titanium, zinc, and pH), chemical oxygen demand, total organic carbon and dissolved minerals (chlorides, sulfates). Wastewaters discharged are treated process wastewater, utility wastewater, and stormwater runoff and are treated byneutralization, gravity clarification and micro-filtration.