## Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit 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*.

Hailiang Copper Texas, Inc. (CN 6005607233) operates the Hailiang Facility (RN102411352), a copper tubing manufacturing facility. The facility is located at 5000 I-10 West in Sealy, Austin County, Texas 77474.

This application is for a renewal wastewater permit to discharge treated wastewater at a volume not to exceed 395,000 gallons per day via Outfall 001 and 301.

Discharges from the facility are expected to contain total suspended solids (TSS), E. *coli*, and oil and grease. Domestic wastewater will betreated by the following treatment process:Wastewater is collected in a holding tank. The water from the tank passes through a bar screen and into an extended aeration basin. The partially treated water from the basin flows into the clarifier, where the solids are removed and placed in a sludge-thickening chamber. The cleaned water from the clarifier is processed through a chlorine contact chamber as a final treatment before discharge at Outfall 301, which then flows to Outfall 001. Larger suspended solids directly precipitate and flow through the sludge discharge pipe, after which they are discharged to the sludge tank. For smaller suspended solids, a mix flotation system along with a coagulative precipitation tank and bacteria filter is used to treat the wastewater. Afterward, it flows to the retention pond at the Facility and is discharged out of Outfall 001.