Plain Language Summary for the Renewal of Texas Pollutant Discharge Elimination System (TPDES) Permit Number WQ0004594000

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.

Dixie Chemical Company, Inc. (CN600129670) operates Dixie Chemical Bayport Facility RN103151445, a manufacturer of high-performance specialty chemicals and intermediates for the following main market segments; adhesives; coatings and composites; alkaline paper sizing; and fuel and lube additives/functional fluids. The facility is located 10601 Bay Area Blvd, in Pasadena, Harris County, Texas 77507.

Dixie Chemical Company, Inc. (Dixie) is applying to the Texas Commission on Environmental Quality (TCEQ) to renew their Texas Pollution Discharge Elimination System (TPDES) permit to authorize the discharge of untreated seasonal stormwater at an intermittent and flow variable volume for the organic chemical manufacturing plant.

Discharges from the facility are expected to contain oil and grease and zinc.

The discharge covered by this permit renewal application consists almost entirely of stormwater runoff generated during heavy rainfall events. Stormwater runoff from non-process areas flow via a series of drains to the south ditch. This permit regulates only seasonal stormwater discharge that is not treated by chemical or biological processes. The potential release of contaminants is minimized by routing the majority of stormwater runoff to join the process wastewater routed to Gulf Coast Authority. A sump that pumps the runoff to T-212 is designed to remove oils and/or debris. It is located upstream of the discharge point and is cleaned out as needed. Additionally, BMPs such as structural and procedural controls and good housekeeping practices are used throughout the facility.