Golden Triangle Polymer Company LLC

**Golden Triangle Polymers Plant**

**Plain Language Summary**

Golden Triangle Polymers Company LLC (CN606046183 ) proposes to operate Golden Triangle Polymers Plant (RN110935285), an integrated polymers production facility. The facility will be located 850 Foreman Rd., in Orange, Orange County, Texas 77630. The applicant proposes to discharge 5,150,000 gallons per day of 40 CFR Part 414, Subpart D Process Wastewater (previously monitored effluent (PME)); Subpart D Stormwater (PME); Subpart F Process Wastewater (PME); Subpart F Stormwater (PME); First Flush Stormwater from Process Areas (PME); Utility Wastewaters; Allowable MSGP Non-Stormwater Discharges; Commissioning Flows; and Hydrostatic Test Waters via Outfall 001.

The discharge of process wastewaters and first-flush stormwater from the process areas via Outfall 001 is subject to the federal effluent limitation guidelines in 40 CFR §§414, Subparts D, F, and I. Discharges from a facility subject to 40 CFR Part 414 are regulated for the following pollutants: Total Suspended Solids, Biochemical Oxygen Demanding Constituents; pH; Acenaphthene; Acenaphthylene; Acrylonitrile; Anthracene; Benzene; Benzo(a)anthracene; 3,4-Benzofluoranthene; Benzo(k)fluoranthene; Benzo(a)pyrene; Bis(2-ethylhexyl) phthalate; Carbon Tetrachloride; Chlorobenzene; Chloroethane; Chloroform; 2-Chlorophenol; Chrysene; Di-n-butyl phthalate; 1,2-Dichlorobenzene; 1,3-Dichlorobenzene; 1,4-Dichlorobenzene; 1,1-Dichloroethane; 1,2-Dichloroethane; 1,1-Dichloroethylene; 1,2-trans-Dichloroethylene; 2,4-Dichlorophenol; 1,2-Dichloropropane; 1,3-Dichloropropylene; Diethyl phthalate; 2,4-Dimethylphenol; Dimethyl phthalate; 4,6-Dinitro-o-cresol; 2,4-Dinitrophenol; 2,4-Dinitrotoluene; 2,6-Dinitrotoluene; Ethylbenzene; Fluoranthene; Fluorene; Hexachlorobenzene; Hexachlorobutadiene; Hexachloroethane; Methyl Chloride; Methylene Chloride; Naphthalene; Nitrobenzene; 2-Nitrophenol; 4-Nitrophenol; Phenanthrene; Phenol; Pyrene; Tetrachloroethylene; Toluene; Total Chromium; Total Copper; Total Cyanide; Total Lead; Total Nickel; Total Zinc; 1,2,4-Trichlorobenzene; 1,1,1-Trichloroethane; 1,1,2-Trichloroethane; Trichloroethylene; and Vinyl Chloride.

The discharge of Subpart D Process Wastewater (previously monitored effluent (PME)); Subpart D Stormwater (PME); Subpart F Process Wastewater (PME); Subpart F Stormwater (PME); First Flush Stormwater from Process Areas (PME) will be treated by settling of solids, sand filters, and biological treatment. The discharge of Utility Wastewaters; Allowable MSGP Non-Stormwater Discharges; Commissioning Flows; and Hydrostatic Test Waters will be treated by settling of solids.