**INDUSTRIAL WASTEWATER/STORMWATER APPLICATION**

*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*.

Natura PCR 2, LCC (CN 605747740 ) operates Natura PCR 2, LLC RN100907211. a manufacturer of low density recycled plastic pellets . The facility is located 18314 Mathis Road, in Waller, Harris County, Texas 77484.

Natura PCR 2, LLC is submitting a new application to discharge wastewater generated by washing plastic raw material. currently operates an on-site wastewater (WW) treatment system which discharges to a series of ponds which also serve as the stormwater collection and conveyance system. Pond 2 only discharges through its outfall during rain events reaching a certain threshold which triggers pumps to discharge via Outfall No. 001 located at the end of a grassy swale just to the northwest of Pond No. 2 into a roadside ditch along Mathis Road..

Wash water is treated by filtering solids prior to being discharged onto the concrete surface in the parking lot area. Wastewater from the production plant is treated to separate solids through a Dissolved Air Flotation Systems (DAF). Flocculants and Coagulants are injected though chemical feeding pumps for the separation of solids. Air is injected into the DAF to separate the solids which will rise to the surface and accumulate in a sludge blanket. This layer of sludge is removed with a skimmer device and discharged to a Dewatering Box. Clean water from the DAF is discharged into the Clean Pit to be recycle back into the plant. Liquid from the Dewatering Box drains to the parking lot via surface flow going through a series of screen filters, before entering Pond 1. Pond 1 is plumbed to Pond 2 which serves as an on-site stormwater retention basin and also collects surface stormwater from the facility. Pond 2 only discharges through its outfall during rain events reaching a certain threshold which triggers pumps to discharge via Outfall No. 001 located at the end of a grassy swale just to the northwest of Pond No. 2 into a roadside ditch along Mathis Road then continues through unnamed drainage ditch ultimately reaching Mound Creek, Stream Segment No. 1009 F of the San Jacinto River Basin.