

City of Fremont National Pollutant Discharge Elimination System Permit  
2PD00007\*OD

The NPDES permit system allows local facilities to sample, analyze and report the water quality of their Wastewater Treatment plant influent, sludge, and effluent as well as regulating the discharges of industrial users. Further, the permit requires sampling and analysis of the Sandusky River upstream and downstream of the plant, and of any Combined Sewer Overflows into the river. The effluent and sludge are analyzed for compliance with specific numeric limits, while the influent is analyzed for process control. The industrial user discharges are monitored for compliance with local and national numeric limits.

The Fremont WPCC NPDES permit effluent parameters and limits are as follows:

Dissolved Oxygen	5.9 mg/l or higher
Suspended Solids	12 mg/l or less
Oil & Grease	10mg/l or less
NH3	1.1 mg/l or less
PO4	1.0 mg/l or less
PH (max)	9.0
PH (min)	6.5
Chlorine	0.038mg/l
Fecal Coliform	1000 cts/100 ml or less
Heavy Metals	monthly or quarterly monitoring

The influent is analyzed for all the above parameters to provide an idea of what the plant is receiving.

The City of Fremont is liable for up to \$10,000 fine for an exceedance of the effluent permit parameters.