

## Easterly Wastewater Treatment Plant

### NPDES Discharge Permit Parameters

Parameter	Limits	
	30 day	7 day
<b>CBOD (5)</b>	15 mg/l	22.5 mg/l
<b>Total Suspended Solids</b>	20 mg/l	30 mg/l
<b>Total Phosphorous</b>	1.0 mg/l	1.5 mg/l
<b>Fecal Coliform (colonies per 100 ml) (May 1 - October 31)</b>	1000	2000
<b>Chlorine Residual</b>	0.038 mg/l maximum	
<b>pH (S.U.)</b>	Between 6.5 and 9.0	

**NPDES:** National Pollutant Discharge Elimination System. The NPDES permit is issued by the Ohio Environmental Protection Agency. It establishes limits on the amount of pollutants that can be discharged from wastewater treatment plants to receiving waters (such as Lake Erie). This permit also requires the monitoring of the plant effluent to determine compliance with effluent pollutant limitations.

**CBOD (5):** Carbonaceous Biological Oxygen Demand (5-day test)

**30-day:** thirty-day average measurement

**7-day:** seven-day average measurement

**mg/l:** milligrams per liter

**Fecal Coliform:** calculated on a geometric mean basis

**S.U.:** standard units