

Westerly Wastewater Treatment Plant

NPDES Discharge Permit Parameters

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