

Case Study #16

Client Category: Municipal wastewater treatment plant.

Location: Mexico

Physical Plant: Lagoon - 1 Meter depth
300 Meter length
50 Meter width

Flow: 1.7 MGD (million gallons per day) overflow

Problem: Low reduction of BOD and COD

Previous Treatment: Overflow water with high BOD and COD overloaded existing municipal treatment plant

Treatment: **Custom WP** was dispensed directly into the waste stream and sprayed on the surface of the lagoon. Several pretreatment applicators for **Custom WP** were set up with the city.

Results: The following results occurred after one month of treatment:

			INFLUENT	EFFLUENT	
Daily Averages Before Treatment		BOD	350	300	mg/L
		COD	500	450	mg/L
		DO	0	2	mg/L
Daily Averages After Treatment		BOD	300	30	mg/L
		COD	420	60	mg/L
		DO	1	6	mg/L