

Case Study #08

- Client Category:** One of the largest bakeries in the Western U.S.A.
- Location:** Los Angeles, California, USA
- Physical Plant:** A network of floor drains flows into a six stage 6,000 gallon interceptor.
- Flow:** Flow is irregular but averages 35,000 GPD.
- Problem:** High surcharges primarily for FOG averaging \$60,000.00 per quarter. BOD was also high and the odor was very strong.
- Previous Treatment:** The wastewater was chlorinated heavily and discharged into the city sewage system. The installation of a large wastewater treatment facility was recommended.
- Custom Treatment:** 4 gallons per day of **Custom FM** were dispensed into the system. One half at the beginning of the main drain and one half at the beginning of the interceptor. Bionutrients were also added.
- Custom Results:** After 15 days, the main effluent parameters were reduced to the levels indicated below. The client did not have to install a new system and surcharges were greatly reduced.

		BEFORE	AFTER
BOD	mg/L	6600	4400
FOG	mg/L	3500	353
Sulfide Odors		Strong	Slight
Sludge Reduction			30%
Chlorine Use	GPD	550	275