

Case Study #17

Client Category: Restaurant
Location: San Antonio, Texas, U.S.A.

Physical Plant: 1,000 gallon outside basic greasetrap
Flow: 75,000 gallons per month average

Problem:
 1 High BOD and TSS
 2 Expectations of city wastewater surcharge

Previous Treatment: Pumping greasetrap every 2 weeks
Custom Treatment: The recommended 5 gallons of **Custom GT** was used each month.

Custom Results: An analysis of data collected from 6 months prior to treatment and from 6 months after treatment shows the following results:

	BOD	TSS	FOG	pH	Temp
6 months BEFORE	404	407	122	7.85	89° F
6 months AFTER	196	142	66	7.6	91° F
	mg/L	mg/L	mg/L		

Date	Time	BOD	TSS	FOG	pH	Temp
		mg/L	mg/L	mg/L		
2/6/87	600	174	74	32	7.5	90° F
2/6/87	1600	165	80	0:00	7.9	90° F
2/7/87	1000	225	124	86	7.5	90° F
2/7/87	1700	74	84	34	7.5	91° F
2/8/87	945	142	68	57	7.7	90° F
2/8/87	1400	171	88	44	7.4	90° F
2/9/87	830	380	128	44	6.5	90° F
2/9/87	1330	188	48	34	7.5	92° F
2/10/87	1030	107	30	29	7.5	90° F
2/10/87	1730	220	795	278	7.0	90° F
2/11/87	1130	154	170	62	9.0	90° F
2/11/87	1630	110	42	36	7.3	90° F
2/12/87	1330	365	193	86	8.6	91° F
2/12/87	1530	275	96	41	7.0	91° F