Hoot Aerobic System Statistical Performace Anyalisis

	Average	Median	Minimum	Maximum	Quartile Low	Quartile High	90% Low	90% High	# of Observations
D.O. Effluent	5.77	6.12	2.24	7.67	5.37	6.49	3.74	6.80	172
D.O. Aeration	3.75	3.80	0.37	8.95	2.62	4.79	1.22	6.40	172
Temp. Influent	28.01	28.08	20.49	31.65	25.84	30.29	24.82	31.25	153
Temp. Aeration	27.62	27.46	22.75	31.17	25.63	29.75	24.48	30.86	172
Temp. Effluent	27.25	26.62	6.01	28.44	24.36	28.98	22.51	30.15	170
pH Influent	7.35	7.37	6.43	8.01	7.23	7.50	7.07	7.63	153
pH Aeration	7.76	7.74	5.07	8.92	7.60	7.90	7.48	8.06	173
pH Effluent	7.98	7.89	7.01	9.27	7.77	8.17	7.62	8.44	172
CBOD Influent	196.00	147.00	9.00	1071.00	91.00	237.00	63.00	377.00	158
CBOD Effluent	2.33	2.00	2.00	15.60	2.00	2.00	2.00	2.14	154
TSS Influent	194.00	132.00	40.00	1540.00	84.00	228.00	60.00	434.00	152
TSS Aeration	1209.00	1165.00	206.00	3165.00	658.00	1525.00	486.00	2122.00	163
TSS Effleunt	1.80	1.00	0.00	59.00	0.50	1.80	0.40	2.40	160
VSS Inf. (%)	73.46	75.00	7.00	92.00	71.00	78.00	65.00	82.00	143
VSS Aeration	722.94	690.00	7.50	1880.00	458.75	880.00	319.50	1242.00	160
VSS Effluent	8.40	0.80	0.00	1120.00	0.50	1.40	0.30	2.10	158
SS 45 minutes	7.64	7.00	1.00	25.00	5.00	9.25	2.00	14.00	160

Above are the statistical summaries of the 2745 data points or samples collected during the 6 month performance evaluation conducted by the ANSI accrediated Baylor University Individual On-Site Wastewater Testing and Certification Program in Waco, Texas. The influent was provided by the Waco Metropolitan Area Regional Sewerage System Treatment Plant located in Waco, Texas. Laboratory analysis of samples, including CBOD, TSS, and VSS were conducted at the Brazos River Authority Laboratory.

Subsequent to the testing of this treatment plant, the program administered by Baylor University has been taken over by NSF International of Ann Arbor, Michigan. The complete performance evaluation report may be obtained through NSF International by calling (800) NSF-MARK