

COMPANY: SOLAR TURBINES, INC
 REPORT NO: 89-017
 SITE: SAN MARCOS LANDFILL

NOx/NO2 CORRECTED RESULTS

TURBINE NO.1:

RUN #	TIME	%O2	NOx	NO2 1/ NO2 2/	NO2 RECOVERY	NOx 2/ NOx 2/	NOx RESULTS		
							ppm@3%O2	ppm@15%O2	lb/hr
1	1225-1255	17.68	45.05	1.9	97.7-84.9	47.13	262.0	86.36	3.48
2	1405-1435	17.50	46.57	2.7	84.9-85.5	49.74	261.9	86.31	3.62
3	1550-1611	17.39	45.36	1.2	85.5-90.3	46.73	238.3	78.55	3.47
					AVERAGE	47.87	254.1	83.74	3.52

TURBINE NO.2:

1	0935-1005	17.40	41.43	3.0	88.9-85.5	44.87	229.4	75.6	3.43
2	1155-1225	17.62	42.24	1.9	85.5-89.8	44.41	242.3	79.9	3.59
3	1335-1405	17.54	39.51	1.7	89.8-84.1	41.47	221.5	73.0	3.14
					AVERAGE	43.58	231.1	76.2	3.39

DSCFM RESULTS

TURBINE NO.1: 10162, 10013, 10197
 TURBINE NO.2: 10526, 11104, 10423

1/ NO2 uncorrected; the difference between NOx and NO readings

2/ NOx corrected for NO2 adsorption;

$$NO2 * \left(\frac{1}{\text{recovery}/100} \right) + NOx = NOx \text{ corrected}$$