

**2005 Source Registration
Emission Estimates**

	<u>Fuel Use</u> Gals	<u>PM-10</u> tons	<u>SO2</u> tons	<u>NOx</u> tons	<u>CO</u> tons	<u>VOC</u> tons	<u>TSP</u> tons	<u>PM-2.5</u> tons	<u>NH3</u> tons
Boiler A	169,083	0.0845	3.6015	1.6908	0.4227	0.0213	0.1691	0.0211	0.0676
Boiler B	169,083	0.0845	3.6015	1.6908	0.4227	0.0213	0.1691	0.0211	0.0676
Alco EDG A	5,620	0.0221	0.1166	1.2319	0.3272	0.0346	0.0385	0.0183	0.0081
Alco EDG B	5,720	0.0225	0.1187	1.2538	0.3330	0.0353	0.0392	0.0186	0.0083
TSC EDG	98	0.0021	0.0019	0.0296	0.0064	0.0023	Not requested	0.0021	0.0001
SEP EDG	3,100	0.0122	0.0643	0.6795	0.1805	0.0191	0.0212	0.0101	0.0045
Fire Pump	279	0.0059	0.0055	0.0843	0.0182	0.0067	Not requested	0.0059	0.0004
Security EDG	431	0.0092	0.0086	0.1302	0.0280	0.0103	Not requested	0.0092	0.0006
Space Heaters	21,600	0.0108	0.4601	0.2160	0.0540	0.0027	Not requested	0.0027	0.0086
WWTP EDG	276	0.005861	0.0060	0.0800	0.0180	0.0066	Not requested	0.0060	0.0004
Total 2005		0.2596	7.9848	7.0870	1.8108	0.1603	0.4371	0.1151	0.1664

Assumptions

- 1) Diesel fuel heat content: 137,000 btus/gal
- 2) TSC, Security & Fire Pump diesels are each <600HP