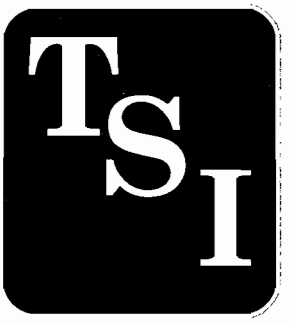

TECHNICAL SERVICES, INC.
(904) 353-5761
2901 Danese Street
Jacksonville, Florida 32206

21 West Church Street
Jacksonville, Florida 32202-3139

JEA

July 23, 2001

Mr. Wayne Tutt, QEP
Associate Engineer
Regulatory and Env. Services Dept.
117 West Duval St., Suite 225
Jacksonville, FL 32202

ELECTRIC
WATER
SEWER

Dear Mr. Tutt:

RE: Kennedy and Northside Generating Stations
Fogger Operation Stack Test Results

Attached please find stack test results for fogger operation on the Kennedy CT 5 and Northside CT 5.

If you have questions with regard to this matter, please advise.

Sincerely,

N. Bert Gianazza, P.E.
Environmental Permitting
& Compliance Group

cc: Syed Arif, FDEP (w/ Atta.)

7-25-01

Source Test Report

Jacksonville Electric Authority
Jacksonville, FL.
Kennedy Generating Station
CT-5
NOx O2
6/4/01

Prepared By:

Technical Services, Inc.
2901 Danese Street
Post Office Box 52329
Jacksonville, Florida 32201
(904) 353 - 5761

David Salter

USE OF THIS REPORT AND INFORMATION INCLUDED

This Report and the information contained is the property of the individual or organization named on the face hereof and may be freely distributed in its present form.

REPORT CERTIFICATION

Technical Services, Inc. (TSI) has used its professional experience and best professional efforts in performing this compliance test. I have reviewed the results of these tests and to the best of my knowledge and belief they are true and correct.

REPORT NO. 01051A14

Harvey C. Gray, Jr.

HARVEY C. GRAY, JR.

DATE:

Table Of Contents

I. Introduction

Ambient Air Services Inc., was subcontrated to test for NOx and O2 on the CT-5 Turbine at the JEA Kennedy Generating Station, in Jacksonville, FL. The results appear in the following table. Analytical data appears in Appendix A.

JEA - KGS #5 TURBINE WITH FOGGERS *ON*			
	CORRECTED		CORRECTED TO 15 % O2
	NOX PPM	O2 %	NOX PPM
RUN 1 Average	116.3	16.7	164.2
RUN 2 Average	117.5	16.8	167.8
RUN 3 Average	113.9	16.8	163.2
RUN 4 Average	114.5	16.6	167.2
RUN 5 Average	118.4	16.8	168.4
RUN 6 Average	115.5	16.8	165.7
RUN 7 Average	119.0	16.8	169.7
RUN 8 Average	120.3	16.8	171.9
RUN 9 Average	118.6	16.8	171.5
Test Average	**117.1**	**16.8**	**167.7**
JEA - KGS #5 TURBINE WITH FOGGERS *OFF*			
RUN 1 Average	126.5	17.1	194.0
RUN 2 Average	129.3	17.1	199.2
RUN 3 Average	131.8	17.0	199.3
RUN 4 Average	132.4	17.0	200.6
RUN 5 Average	123.4	16.9	182.7
RUN 6 Average	126.7	16.8	184.5
RUN 7 Average	131.3	16.8	189.1
RUN 8 Average	131.3	16.8	189.8
RUN 9 Average	134.4	16.8	192.4
Test Average	**129.7**	**16.9**	**192.4**

III. Field and Analytical Procedures

METHOD 3A

DETERMINATION OF OXYGEN AND CARBON DIOXIDE CONCENTRATIONS IN EMISSIONS FROM STATIONARY SOURCES

[INSTRUMENTAL ANALYZER PROCEDURE]

1. Applicability and Principle

1.1 Applicability. This method is applicable to the determination of oxygen (O_2) and carbon dioxide (CO_2) concentrations in emissions from stationary sources only when specified within the regulations.

1.2 Principle. A sample is continuously extracted from the effluent stream: a portion of the sample stream is conveyed to an instrumental analyzer(s) for determination of O_2 and CO_2 concentration(s). Performance specifications and test procedures are provided to ensure reliable data.

2. Range and Sensitivity

Same as in Method 6C, Sections 2.1 and 2.2 except that the span of the monitoring system shall be selected such that the average O_2 or CO_2 concentration is not less than 20 percent of the span.

3. Definitions

3.1 Measurement System. The total equipment required for the determination of the O_2 or CO_2 concentration. The measurement system consists of the same major subsystems as defined in Method 6C, Sections 3.1.1, 3.1.2, and 3.1.3.

3.2 Span, Calibration Gas, Analyzer Calibration error, Sampling System Bias, Zero Drift, Calibration Drift, Response Time, and Calibration Curve. Same as in Method 6C, Sections 3.2 through 3.8, and 3.10.

3.3 Interference Response. The output response of the measurement system to a component in the sample gas, other than the gas component being measured.

4. Measurement System Performance Specifications

Same as in Method 6C, Sections 4.1 through 4.4.

5. Apparatus and Reagents

5.1 Measurement System. Any measurement system for O_2 or CO_2 that meets the specifications of this method. A schematic of an acceptable measurement system is shown in Figure 6C-1 of Method 6C. The essential components of the measurement systems are discribed below:

5.1.1 Sample Probe. A leak-free probe of sufficient length to traverse the sample points.

5.1.2 Sample Line. Tubing to transport the sample gas from the probe to the moisture removal system. A heated sample line is not required for systems that measure the O_2 or CO_2 concentration on a dry basis, or transport dry gases.

5.1.3 Sample Transport Line, Calibration Valve Assembly, Moisture Removal System, Particulate Filter, Sample Pump, Sample Flow Rate Control, Sample Gas Manifold, and Data Recorder. Same as in Method 6C, Sections 5.1.3 through 5.1.9, and 5.1.11, except that the requirements to use stainless steel, Teflon, and nonreactive glass filter do not apply.

5.1.4 Gas Analyzer. An analyzer to determine continuously the O_2 or CO_2 concentration in the sample gas stream. The analyzer must meet the applicable performance specifications of Section 4. A means of controlling the analyzer flow rate and a device for determining proper sample flow rate (e.g., precision rotameter, pressure gauge downstream of all flow controls, etc.) shall be provided at the analyzer. The requirements for measuring and controlling the analyzer for measuring and controlling the analyzer flow rate are not applicable if data are presented that demonstrate the analyzer is insensitive to flow variations over the range encountered during the test.

5.2 Calibration Gases. The calibration gases for CO_2 analyzers shall be CO_2 in N_2 or CO_2 in air. Alternatively, CO_2/SO_2, O_2/SO_2, or $O_2/CO_2/SO_2$ gas mixtures in N_2 may be used. Three calibration gases, as specified in Sections 5.3.1 through 5.3.4 of Method 6C, shall be used. For O_2 monitors that cannot analyze zero gas, a calibration gas concentration equivalent to less than 10 percent of the span may be used in place of zero gas.

6. Measurement System Performance Test Procedures

Perform the following procedures before measurement of emissions (Section 7).

6.1 Calibration Concentration Verification. Follow Section 6.1 of Method 6C, except if calibration gas analysis is required, use Method 3 and change the acceptance criteria for agreement among Method 3 results to 5 percent (or 0.2 percent by volume, whichever is greater).

6.2 Interference Response. Conduct an interference response test of the analyzer prior to its initial use in the field. Thereafter, recheck the measurement system is changes are made in the instrumentation that could alter the interference response (e.g., changes in the type of gas detector). Conduct the interference response in accordance with Section 5.4 of Method 20.

6.3 Measurement System Preparation, Analyzer Calibration Error, Response Time, and Sampling System Bias Check. Follow Sections 6.2 through 6.4 of Method 6C.

7. Emission Test Procedure

7.1 Selection of Sampling Site and Sampling Points. Select a measurement site and sampling points using the same criteria that are applicable to tests performed using Method 3.

7.2 Sample Collection. Position the sampling probe at the first measurement point, and begin sampling at the same rate as that used during the response time test. Maintain constant rate sampling (i.e., ± 10 percent) during the entire run. The sampling time per run shall be the same as for tests conducted using Method 3 plus twice the average system response time. For each run, use only those measurements obtained after twice the response time of the measurement system has elapsed to determine the average effluent concentration.

7.3 Zero and Calibration Drift Test. Follow Section 7.4 of Method 6C.

8. Quality Control Procedures

The following quality control procedures are recommended when the results of this method are used for an emission rate correction factor, or excess air determination. The tester should select one of the following options for validating measurement results:

8.1 If both O_2 and CO_2 are measured using Method 3A, the procedures described in Section 4.4 of Method 3 should be followed to validate the O_2 and CO_2 measurement results.

8.2 If only O_2 is measured using Method 3A, measurements of the sample stream CO_2 concentration should be obtained at the sample by-pass vent discharge using an Orsat or Fyrite analyzer, or equivalent. Duplicate samples should be obtained concurrent with at least one run. Average the duplicate Orsat or Fyrite analysis results for each run. Use the average CO_2 values for comparison with the O_2 measurements in accordance with the procedures described in Section 4.4 of Method 3.

8.3 If only CO_2 is measured using Method 3A, concurrent measurements of the sample stream CO_2 concentration should be obtained using an Orsat or Fyrite analyzer as described in section 8.2. For each run, differences greater than 0.5 percent between the Method 3A results and the average of the duplicate Fyrite analysis should be investigated.

9. Emission Calculation

9.1 For all CO_2 analyzers, and for O_2 analyzers that can be calibrated with zero gas, follow Section 8 of Method 6C, except express all concentrations as percent, rather than ppm.

9.2 For O_2 analyzers that use a low-level calibration gas in place of a zero gas, calculate the effluent gas concentration using Equation 3A-1.

$$C_{gas} = \frac{C_{ma} - C_{oa}}{C_m - C_o}(\overline{C} - C_m) + C_{ma} \qquad \text{(Equation 3A-1)}$$

Where:

C_{gas} = Effluent gas concentration, dry basis, percent.

C_{ma} = Actual concentration of the upscale calibration gas, percent.

C_{oa} = Actual concentration of the low-level calibration gas, percent.

C_m = Average of initial and final system calibration bias check responses for the upscale calibration gas, percent.

C_o = Average of initial and final system calibration bias check responses for the low level gas, percent.

$\bar{C}$ = Average gas concentration indicated by the gas analyzer, dry basis, percent.

10. Bibliography

Same as in Bibliography of Method 6C.

METHOD 7E

DETERMINATION OF NITROGEN OXIDES EMISSIONS FROM STATIONARY SOURCES

1. Applicability and Principle

1.1 Applicability. This method is applicable to the determination of nitrogen oxides (NO_x) concentrations in emissions from stationary sources only when specified within the regulations.

1.2 Principle. A gas sample is continuously extracted from a stack, and a portion of the sample is conveyed to an instrumental chemiluminescent analyzer for determination of NO_x concentration. Performance specifications and test procedures are provided to ensure reliable data.

2. Range and Sensitivity

Same as Method 6C, Sections 2.1 and 2.2.

3. Definitions

3.1 Measurement System. The total equipment required for the determination of NO_x concentration. The measurement system consists of the following major subsystems:

3.1.1 Sample Interface, Gas Analyzer, and Data Recorder.

Same as Method 6C, Sections 3.1.1, 3.1.2, and 3.1.3.

3.1.2 NO_2 To NO Converter. A device that converts the nitrogen dioxide (NO_2) in the sample gas to nitrogen oxide (NO).

3.2 Span, Calibration Gas, Analyzer Calibration Error, Sampling System Bias, Zero Drift, Calibration Drift, and Respone Time. Same as Method 6C, Sections 3.2 through 3.8.

3.3 Interference Response. The output response of the measurement system to a component in the sample gas, other than the gas component being measured.

4. Measurement System Performance Specifications.

Same as Method 6C, Sections 4.1 through 4.4.

5. Apparatus and Reagents.

5.1 Measurement System. Any measurement system for NO_x that meets the specifications of this method. A schematic of an acceptable measurement system is shown in Figure 6C-1 of Method 6C. The essential components of the measurement system are described below:

5.1.1 Sample Probe, Sample Line, Calibration Valve Assembly, Moisture Removal System, Particulate Filter, Sample Pump, Sample Flow Rate Control, Sample Gas Manifold, and Data Recorder. Same as Method 6C, Sections 5.1.1 through 5.1.9, and 5.1.11.

5.1.2 NO_2 to NO Converter. That portion of the system that converts the nitrogen dioxide (NO_2) in the sample gas to nitrogen oxide (NO). An NO_2 to NO converter is not necessary if data are presented to demonstrate that the NO_2 portion of the exhaust gas is less than 5 percent of the total NO_x concentration.

5.1.3 NO_x Analyzer. An analyzer based on the principles of chemiluminescence, to determine continuously the NO_x concentration in the same gas stream. The analyzer shall meet the applicable performance specifications of Section 4. A means of controlling the analyzer flow rate and device for determining proper sample flow rate (e.g., precision rotameter, pressure gauge down-stream of all flow controls, etc.) shall be provided at the analyzer.

5.2 NO_x Calibration Gases. The calibration gases for the NO_x analyzer shall be NO in N_2. Three calibration gases, as specified in Section 5.3.1 through 5.3.3 of Method 6C, shall be used. Ambient air may be used for the zero gas.

6. Measurement System Performance Test Procedures.

Perform the following procedures before measurement of emissions (Section 7).

6.1 Calibration Gas Concentration Verification. Follow Section 6.1 of Method 6C, except if calibration gas analysis is required, use Method 7, and change all 5 percent performance values to 10 percent (or 10 ppm, whichever is greater).

6.2 Interference Response. Conduct an interference response test of the analyzer prior to its initial use in the field. Thereafter, recheck the measurement system if changes are made in the instrumentation that could alter the interference response (e.g., changes in the gas detector). Conduct the interference response in accordance with Section 5.4 of Method 20.

6.3 Measurement System Preparation, Analyzer Calibration Error, and sample System Bias Check. Follow Sections 6.2 through 6.4 of Method 6C.

6.4 NO_2 to NO Conversion Efficiency. Unless data are presented to demonstrate that the NO_2 concentration within the sample stream is not greater that 5 percent of the NO_x concentration, conduct an NO_2 to NO conversion efficiency test in accordance with Section 5.6 of Method 20.

7. Emission Test Procedure.

7.1 Selection of Sampling Site and Sampling Points. Select a measurement site and sampling points using the same criteria that are applicable to tests performed using Method 7.

7.2 Sample Collection. Position the sampling probe at the first measurement point, and begin sampling at the same rate as used during the system calibration drift test. Maintain constant rate sampling (i.e., $\pm$ 10 percent) during the entire run. The sampling time per run shall be the same as the total time required to perform a run using Method 7, plus twice the system response time. For each run, use only those measurements obtained after twice the response time of the measurement system has elapsed, to determine the average effluent concentration.

7.3 Zero and Calibration Drift Test. Follow Section 7.4 of Method 6C.

8. Emission Calculation

Follow Section 8 of Method 6C.

9. Bibliography

Same as bibliography of Method 6C.

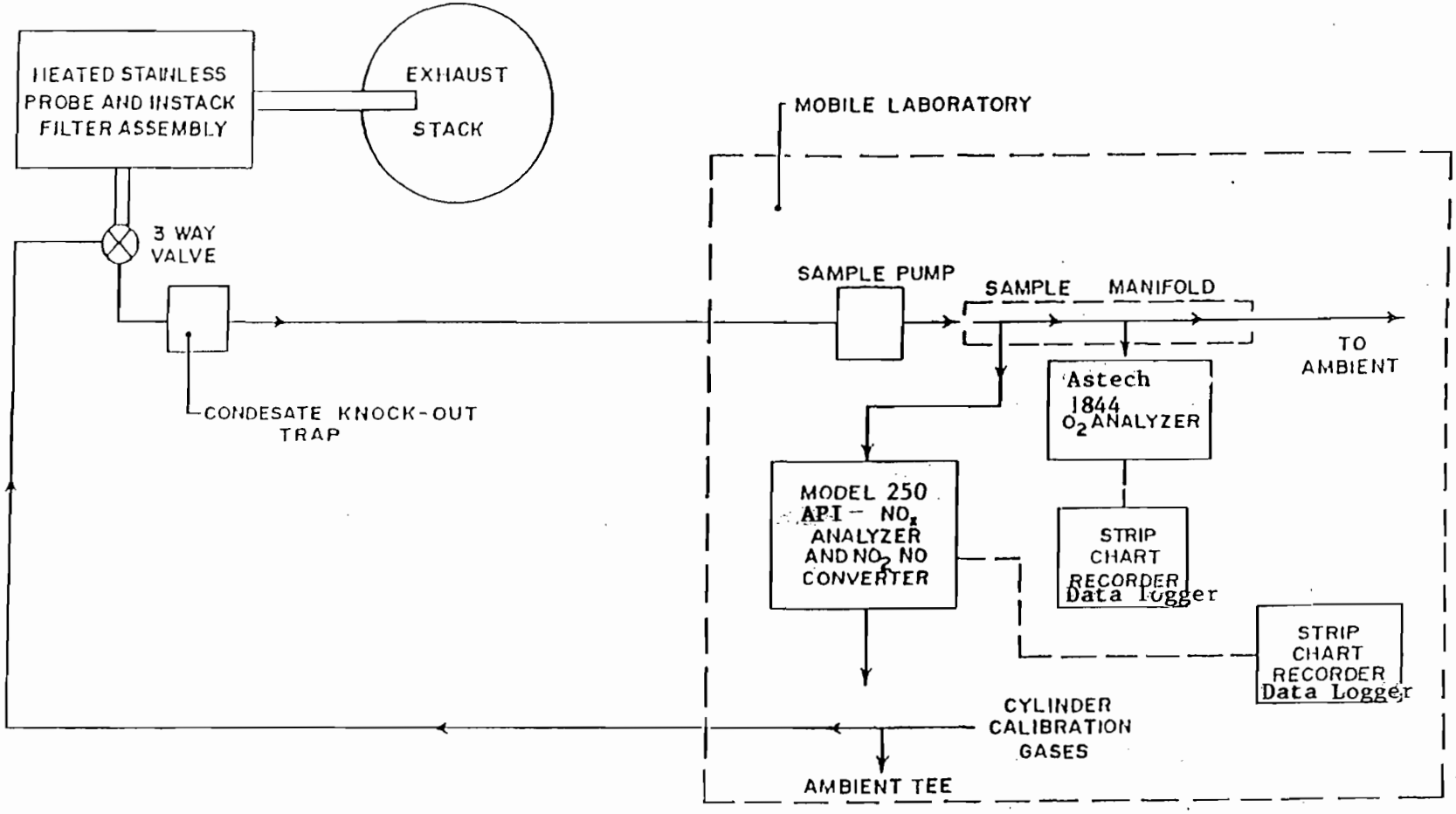

FIGURE 3
EPA METHOD 7E SAMPLING SCHEMATIC

TECHNICAL SERVICES, INC.

APPENDIX A

DATA LOGGER DATA

DATA RECORDER PRINTOUTS WITH FOGGERS ON

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 13:50	-0.69	20.92	STANDBY							
6/4/2001 13:50	-0.69	20.92	STANDBY							
6/4/2001 13:50	2.97	20.80	STANDBY							
6/4/2001 13:50	48.03	19.39	STANDBY							
6/4/2001 13:51	104.53	17.54	STANDBY							
6/4/2001 13:51	120.77	16.75	STANDBY							
6/4/2001 13:51	121.69	16.63	STANDBY							
6/4/2001 13:51	121.92	16.60	STANDBY							
6/4/2001 13:52	121.92	16.56	STANDBY							
6/4/2001 13:52	121.69	16.56	STANDBY							
6/4/2001 13:52	122.37	16.56	STANDBY							
6/4/2001 13:52	122.83	16.56	STANDBY							
6/4/2001 13:53	123.29	16.53	STANDBY							
6/4/2001 13:53	123.75	16.53	STANDBY							
6/4/2001 13:53	123.75	16.53	STANDBY							
6/4/2001 13:53	123.98	16.53	STANDBY							
6/4/2001 13:54	124.20	16.53	STANDBY							
6/4/2001 13:54	123.98	16.50	STANDBY							
6/4/2001 13:54	123.52	16.47	STANDBY							
6/4/2001 13:54	94.92	15.88	STANDBY							
6/4/2001 13:55	29.50	9.70	STANDBY							
6/4/2001 13:55	6.17	6.00	STANDBY							
6/4/2001 13:55	1.14	5.16	STANDBY							
6/4/2001 13:55	-0.01	4.97	STANDBY							
6/4/2001 13:56	-0.46	4.91	STANDBY							
6/4/2001 13:56	-0.46	4.88	STANDBY							
6/4/2001 13:56	-0.46	4.85	STANDBY							
			STANDBY Average							
6/4/2001 13:56	-0.46	4.81	ZERO NOX, 4.97 O2							
6/4/2001 13:57	-0.46	4.81	ZERO NOX, 4.97 O2							
6/4/2001 13:57	-0.46	4.81	ZERO NOX, 4.97 O2							
6/4/2001 13:57	-0.46	4.81	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/4/2001 13:57	-0.46	5.72	STANDBY							
6/4/2001 13:58	-0.46	9.61	STANDBY							
6/4/2001 13:58	-0.46	11.33	STANDBY							
6/4/2001 13:58	-0.46	11.68	STANDBY							
6/4/2001 13:58	-0.46	11.77	STANDBY							
6/4/2001 13:59	-0.46	11.80	STANDBY							
			STANDBY Average							
6/4/2001 13:59	-0.69	11.83	11.9 O2, ZERO NOX							
6/4/2001 13:59	-0.46	11.83	11.9 O2, ZERO NOX							
6/4/2001 13:59	-0.69	11.83	11.9 O2, ZERO NOX							
6/4/2001 14:00	-0.69	11.83	11.9 O2, ZERO NOX							
6/4/2001 14:00	-0.92	11.83	11.9 O2, ZERO NOX							
6/4/2001 14:00	-0.92	11.83	11.9 O2, ZERO NOX							
			11.9 O2, ZERO NOX Average							
6/4/2001 14:00	5.94	14.65	STANDBY							
6/4/2001 14:01	111.62	19.54	STANDBY							
6/4/2001 14:01	180.93	20.36	STANDBY							
6/4/2001 14:01	195.34	20.51	STANDBY							
6/4/2001 14:01	197.86	20.54	STANDBY							
6/4/2001 14:02	198.78	20.58	STANDBY							
6/4/2001 14:02	199.00	20.58	STANDBY							
6/4/2001 14:02	199.23	20.70	STANDBY							
			STANDBY Average							
6/4/2001 14:02	199.46	20.92	200.4 NOX, 20.9 O2							
6/4/2001 14:03	199.46	20.92	200.4 NOX, 20.9 O2							
6/4/2001 14:03	199.46	20.92	200.4 NOX, 20.9 O2							
6/4/2001 14:03	199.69	20.92	200.4 NOX, 20.9 O2							
6/4/2001 14:03	199.92	20.92	200.4 NOX, 20.9 O2							
6/4/2001 14:04	200.15	20.92	200.4 NOX, 20.9 O2							
			200.4 NOX, 20.9 O2 Average							
6/4/2001 14:04	196.26	20.92	STANDBY							
6/4/2001 14:04	194.69	20.92	STANDBY							

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 14:04	118.71	20.92	STANDBY							
6/4/2001 14:05	105.45	20.92	STANDBY							
6/4/2001 14:05	102.93	20.92	STANDBY							
6/4/2001 14:05	102.47	20.92	STANDBY							
6/4/2001 14:05	102.47	20.92	STANDBY							
6/4/2001 14:06	102.47	20.92	STANDBY							
			STANDBY Average							
6/4/2001 14:06	102.70	20.92	101.3 NOX, 20.9 O2							
6/4/2001 14:06	102.70	20.92	101.3 NOX, 20.9 O2							
6/4/2001 14:06	102.93	20.92	101.3 NOX, 20.9 O2							
6/4/2001 14:07	102.93	20.92	101.3 NOX, 20.9 O2							
6/4/2001 14:07	102.93	20.92	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/4/2001 14:07	**104.07**	**20.95**	**STANDBY**							
6/4/2001 14:07	**116.20**	**20.95**	**STANDBY**							
6/4/2001 14:08	**118.94**	**20.92**	**STANDBY**							
6/4/2001 14:08	**119.63**	**20.92**	**STANDBY**							
6/4/2001 14:08	**127.18**	**20.89**	**STANDBY**							
6/4/2001 14:08	**120.09**	**18.44**	**STANDBY**							
6/4/2001 14:09	**119.86**	**17.16**	**STANDBY**							
6/4/2001 14:09	**120.54**	**16.94**	**STANDBY**							
6/4/2001 14:09	**120.32**	**16.91**	**STANDBY**							
6/4/2001 14:09	**120.77**	**16.85**	**STANDBY**							
6/4/2001 14:10	**119.63**	**16.88**	**STANDBY**							
6/4/2001 14:10	**119.40**	**16.88**	**STANDBY**							
6/4/2001 14:10	**118.71**	**16.91**	**STANDBY**							
6/4/2001 14:10	**118.03**	**16.91**	**STANDBY**							
6/4/2001 14:11	118.26	16.91	STANDBY							
6/4/2001 14:11	119.17	16.88	STANDBY							
6/4/2001 14:11	121.92	16.78	STANDBY							
6/4/2001 14:11	123.44	16.78	STANDBY							
6/4/2001 14:12	123.09	16.74	STANDBY							
6/4/2001 14:12	121.92	16.78	STANDBY							
6/4/2001 14:12	122.15	16.78	STANDBY							
6/4/2001 14:12	123.29	16.72	STANDBY							
6/4/2001 14:13	122.60	16.75	STANDBY							
6/4/2001 14:13	121.00	16.82	STANDBY							
6/4/2001 14:13	120.32	16.85	STANDBY							
6/4/2001 14:13	119.63	16.85	STANDBY							
6/4/2001 14:14	121.00	16.82	STANDBY							
6/4/2001 14:14	120.09	16.82	STANDBY							
6/4/2001 14:14	120.77	16.78	STANDBY							
6/4/2001 14:14	120.77	16.78	STANDBY							
6/4/2001 14:15	121.69	16.75	STANDBY							
6/4/2001 14:15	122.37	16.72	STANDBY							
6/4/2001 14:15	121.46	16.75	STANDBY							
6/4/2001 14:15	121.46	16.75	STANDBY							
6/4/2001 14:16	121.23	16.75	STANDBY							
6/4/2001 14:16	121.46	16.75	STANDBY							
6/4/2001 14:16	120.77	16.75	STANDBY							
6/4/2001 14:16	121.23	16.75	STANDBY							
6/4/2001 14:17	121.00	16.75	STANDBY							
6/4/2001 14:17	120.09	16.78	STANDBY							
6/4/2001 14:17	119.86	16.78	STANDBY							
6/4/2001 14:17	119.70	16.79	STANDBY							
6/4/2001 14:18	119.17	16.85	STANDBY							
6/4/2001 14:18	120.32	16.78	STANDBY							
6/4/2001 14:18	120.09	16.78	STANDBY							
6/4/2001 14:18	119.17	16.82	STANDBY							
6/4/2001 14:19	118.94	16.82	STANDBY							
6/4/2001 14:19	119.63	16.78	STANDBY							
6/4/2001 14:19	121.00	16.75	STANDBY							
6/4/2001 14:19	122.37	16.69	STANDBY							
6/4/2001 14:20	121.69	16.72	STANDBY							
6/4/2001 14:20	121.23	16.72	STANDBY							

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 14:20	121.00	16.72	STANDBY							
6/4/2001 14:20	121.69	16.69	STANDBY							
6/4/2001 14:21	122.15	16.69	STANDBY							
6/4/2001 14:21	121.23	16.72	STANDBY							
6/4/2001 14:21	120.54	16.75	STANDBY							
6/4/2001 14:21	120.77	16.72	STANDBY							
6/4/2001 14:22	120.54	16.72	STANDBY							
6/4/2001 14:22	120.09	16.72	STANDBY							
6/4/2001 14:22	119.86	16.72	STANDBY							
6/4/2001 14:22	118.26	16.78	STANDBY							
6/4/2001 14:23	118.71	16.78	STANDBY							
6/4/2001 14:23	118.49	16.75	STANDBY							
6/4/2001 14:23	118.49	16.78	STANDBY							
6/4/2001 14:23	120.54	16.72	STANDBY							
6/4/2001 14:24	119.40	16.75	STANDBY							
6/4/2001 14:24	121.23	16.69	STANDBY							
6/4/2001 14:24	119.63	16.72	STANDBY							
6/4/2001 14:24	118.49	16.78	STANDBY							
6/4/2001 14:25	120.09	16.72	STANDBY							
6/4/2001 14:25	121.23	16.69	STANDBY							
6/4/2001 14:25	120.32	16.72	STANDBY							
6/4/2001 14:25	119.40	16.75	STANDBY							
6/4/2001 14:26	119.40	16.75	STANDBY							
6/4/2001 14:26	118.49	16.78	STANDBY							
6/4/2001 14:26	119.63	16.75	STANDBY							
6/4/2001 14:26	120.09	16.72	STANDBY							
6/4/2001 14:27	120.54	16.75	STANDBY							
6/4/2001 14:27	123.29	16.69	STANDBY							
6/4/2001 14:27	124.20	16.66	STANDBY							
6/4/2001 14:27	123.52	16.69	STANDBY							
6/4/2001 14:28	123.06	16.69	STANDBY							
6/4/2001 14:28	122.37	16.72	STANDBY							
6/4/2001 14:28	119.63	16.72	STANDBY							
6/4/2001 14:26	115.97	16.72	STANDBY							
6/4/2001 14:29	115.28	16.72	STANDBY							
6/4/2001 14:29	113.68	16.75	STANDBY							
6/4/2001 14:29	114.14	16.78	STANDBY							
6/4/2001 14:29	114.83	16.72	STANDBY							
6/4/2001 14:30	113.68	16.75	STANDBY							
6/4/2001 14:30	113.00	16.78	STANDBY							
6/4/2001 14:30	114.37	16.75	STANDBY							
6/4/2001 14:30	115.05	16.72	STANDBY							
6/4/2001 14:31	114.14	16.75	STANDBY							
6/4/2001 14:31	114.37	16.75	STANDBY							
6/4/2001 14:31	115.05	16.72	STANDBY							
6/4/2001 14:31	114.37	16.75	STANDBY							
6/4/2001 14:32	114.60	16.75	STANDBY							
6/4/2001 14:32	114.83	16.72	STANDBY							
6/4/2001 14:32	114.14	16.75	STANDBY							
6/4/2001 14:32	114.37	16.75	STANDBY							
6/4/2001 14:33	114.60	16.72	STANDBY							
6/4/2001 14:33	113.22	16.78	STANDBY							
6/4/2001 14:33	113.22	16.78	STANDBY							
6/4/2001 14:33	113.91	16.75	STANDBY							
6/4/2001 14:34	115.05	16.72	STANDBY							
6/4/2001 14:34	117.11	16.75	STANDBY							
6/4/2001 14:34	120.09	16.69	STANDBY							
6/4/2001 14:34	118.94	16.72	STANDBY							
			STANDBY Average							
6/4/2001 14:35	117.34	16.75	RUN 1	-0.94	102.32	4.87	20.91	116.0	16.8	165.8
6/4/2001 14:35	117.80	16.75	RUN 1	-0.94	102.32	4.87	20.91	116.5	16.8	166.4
6/4/2001 14:35	118.26	16.75	RUN 1	-0.94	102.32	4.87	20.91	116.9	16.8	167.1
6/4/2001 14:35	118.03	16.75	RUN 1	-0.94	102.32	4.87	20.91	116.7	16.8	166.7
6/4/2001 14:36	119.63	16.72	RUN 1	-0.94	102.32	4.87	20.91	118.3	16.7	167.7
6/4/2001 14:36	119.63	16.69	RUN 1	-0.94	102.32	4.87	20.91	118.3	16.7	166.5

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 14:36	120.32	16.69	RUN 1	-0.94	102.32	4.87	20.91	119.0	16.7	167.5
6/4/2001 14:36	119.86	16.69	RUN 1	-0.94	102.32	4.87	20.91	118.5	16.7	166.8
6/4/2001 14:37	120.77	16.66	RUN 1	-0.94	102.32	4.87	20.91	119.4	16.7	166.8
6/4/2001 14:37	119.86	16.69	RUN 1	-0.94	102.32	4.87	20.91	118.5	16.7	166.8
6/4/2001 14:37	121.00	16.69	RUN 1	-0.94	102.32	4.87	20.91	119.6	16.7	168.4
6/4/2001 14:38	119.40	16.66	RUN 1	-0.94	102.32	4.87	20.91	118.1	16.7	164.9
6/4/2001 14:38	117.11	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.8	16.7	164.2
6/4/2001 14:38	117.57	16.72	RUN 1	-0.94	102.32	4.87	20.91	116.3	16.7	164.9
6/4/2001 14:38	117.11	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.8	16.7	164.2
6/4/2001 14:39	117.11	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.8	16.7	164.2
6/4/2001 14:39	118.71	16.69	RUN 1	-0.94	102.32	4.87	20.91	117.4	16.7	165.2
6/4/2001 14:39	118.49	16.69	RUN 1	-0.94	102.32	4.87	20.91	117.2	16.7	164.9
6/4/2001 14:39	118.03	16.66	RUN 1	-0.94	102.32	4.87	20.91	116.7	16.7	163.1
6/4/2001 14:40	117.80	16.66	RUN 1	-0.94	102.32	4.87	20.91	116.5	16.7	162.7
6/4/2001 14:40	118.03	16.66	RUN 1	-0.94	102.32	4.87	20.91	116.7	16.7	163.1
6/4/2001 14:40	116.71	16.66	RUN 1	-0.94	102.32	4.87	20.91	117.4	16.7	164.0
6/4/2001 14:40	118.71	16.66	RUN 1	-0.94	102.32	4.87	20.91	117.4	16.7	164.0
6/4/2001 14:40	117.57	16.69	RUN 1	-0.94	102.32	4.87	20.91	116.3	16.7	163.7
6/4/2001 14:41	116.88	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.6	16.7	163.9
6/4/2001 14:41	118.03	16.69	RUN 1	-0.94	102.32	4.87	20.91	116.7	16.7	164.3
6/4/2001 14:41	117.34	16.69	RUN 1	-0.94	102.32	4.87	20.91	116.0	16.7	163.4
6/4/2001 14:41	118.03	16.66	RUN 1	-0.94	102.32	4.87	20.91	116.7	16.7	163.1
6/4/2001 14:42	117.58	16.66	RUN 1	-0.94	102.32	4.87	20.91	116.3	16.7	162.5
6/4/2001 14:42	117.53	16.68	RUN 1	-0.94	102.32	4.87	20.91	116.2	16.7	163.4
6/4/2001 14:42	115.97	16.69	RUN 1	-0.94	102.32	4.87	20.91	114.7	16.7	161.3
6/4/2001 14:42	116.88	16.69	RUN 1	-0.94	102.32	4.87	20.91	115.6	16.7	162.7
6/4/2001 14:43	117.80	16.66	RUN 1	-0.94	102.32	4.87	20.91	116.5	16.7	162.7
6/4/2001 14:43	117.80	16.66	RUN 1	-0.94	102.32	4.87	20.91	116.5	16.7	162.7
6/4/2001 14:43	116.03	16.66	RUN 1	-0.94	102.32	4.87	20.91	116.7	16.7	163.1
6/4/2001 14:43	117.80	16.66	RUN 1	-0.94	102.32	4.87	20.91	116.5	16.7	162.7
6/4/2001 14:44	117.80	16.66	RUN 1	-0.94	102.32	4.87	20.91	116.5	16.7	162.7
6/4/2001 14:44	116.43	16.69	RUN 1	-0.94	102.32	4.87	20.91	115.1	16.7	162.1
6/4/2001 14:44	115.97	16.72	RUN 1	-0.94	102.32	4.87	20.91	114.7	16.7	162.6
6/4/2001 14:44	116.66	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.4	16.7	163.6
6/4/2001 14:45	117.11	16.69	RUN 1	-0.94	102.32	4.87	20.91	115.8	16.7	163.0
6/4/2001 14:45	116.20	16.69	RUN 1	-0.94	102.32	4.87	20.91	114.9	16.7	161.8
6/4/2001 14:45	115.28	16.75	RUN 1	-0.94	102.32	4.87	20.91	114.0	16.8	162.9
6/4/2001 14:45	115.97	16.72	RUN 1	-0.94	102.32	4.87	20.91	114.7	16.7	162.6
6/4/2001 14:46	117.57	16.72	RUN 1	-0.94	102.32	4.87	20.91	116.3	16.7	164.9
6/4/2001 14:46	118.03	16.69	RUN 1	-0.94	102.32	4.87	20.91	116.7	16.7	164.3
6/4/2001 14:46	117.25	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.9	16.7	164.2
6/4/2001 14:47	118.94	16.66	RUN 1	-0.94	102.32	4.87	20.91	117.6	16.7	164.3
6/4/2001 14:47	118.94	16.66	RUN 1	-0.94	102.32	4.87	20.91	117.6	16.7	164.3
6/4/2001 14:47	118.71	16.66	RUN 1	-0.94	102.32	4.87	20.91	117.4	16.7	164.0
6/4/2001 14:47	117.80	16.69	RUN 1	-0.94	102.32	4.87	20.91	116.5	16.7	164.0
6/4/2001 14:48	117.11	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.8	16.7	164.2
6/4/2001 14:48	116.43	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.1	16.7	163.3
6/4/2001 14:48	118.03	16.69	RUN 1	-0.94	102.32	4.87	20.91	116.7	16.7	164.3
6/4/2001 14:48	118.03	16.66	RUN 1	-0.94	102.32	4.87	20.91	116.7	16.7	164.3
6/4/2001 14:49	117.80	16.69	RUN 1	-0.94	102.32	4.87	20.91	116.5	16.7	164.0
6/4/2001 14:49	118.71	16.66	RUN 1	-0.94	102.32	4.87	20.91	117.4	16.7	164.0
6/4/2001 14:49	118.51	16.69	RUN 1	-0.94	102.32	4.87	20.91	117.2	16.7	165.1
6/4/2001 14:49	117.57	16.72	RUN 1	-0.94	102.32	4.87	20.91	116.3	16.7	164.9
6/4/2001 14:50	117.34	16.72	RUN 1	-0.94	102.32	4.87	20.91	116.0	16.7	164.6
6/4/2001 14:50	118.03	16.72	RUN 1	-0.94	102.32	4.87	20.91	116.7	16.7	165.5
6/4/2001 14:50	118.71	16.69	RUN 1	-0.94	102.32	4.87	20.91	117.4	16.7	165.2
6/4/2001 14:50	118.94	16.66	RUN 1	-0.94	102.32	4.87	20.91	117.6	16.7	164.3
6/4/2001 14:51	117.80	16.69	RUN 1	-0.94	102.32	4.87	20.91	116.5	16.7	164.0
6/4/2001 14:51	116.66	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.4	16.7	163.6
6/4/2001 14:51	116.43	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.1	16.7	163.3
6/4/2001 14:51	116.20	16.72	RUN 1	-0.94	102.32	4.87	20.91	114.9	16.7	163.0
6/4/2001 14:52	115.05	16.78	RUN 1	-0.94	102.32	4.87	20.91	113.8	16.8	163.8
6/4/2001 14:52	116.20	16.75	RUN 1	-0.94	102.32	4.87	20.91	114.9	16.8	164.2
6/4/2001 14:52	116.88	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.6	16.7	163.9
6/4/2001 14:52	116.66	16.75	RUN 1	-0.94	102.32	4.87	20.91	115.4	16.7	163.6

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 14:53	117.57	16.72	RUN 1	-0.94	102.32	4.87	20.91	116.3	16.7	164.9
6/4/2001 14:53	117.80	16.72	RUN 1	-0.94	102.32	4.87	20.91	116.5	16.7	165.2
6/4/2001 14:53	117.11	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.8	16.7	164.2
6/4/2001 14:53	117.34	16.72	RUN 1	-0.94	102.32	4.87	20.91	116.0	16.7	164.6
6/4/2001 14:54	116.43	16.72	RUN 1	-0.94	102.32	4.87	20.91	115.1	16.7	163.3
6/4/2001 14:54	115.74	16.75	RUN 1	-0.94	102.32	4.87	20.91	114.5	16.8	163.5
6/4/2001 14:54	115.51	16.75	RUN 1	-0.94	102.32	4.87	20.91	114.2	16.8	163.2
6/4/2001 14:54	115.74	16.78	RUN 1	-0.94	102.32	4.87	20.91	114.5	16.8	164.8
6/4/2001 14:55	115.97	16.75	RUN 1	-0.94	102.32	4.87	20.91	114.7	16.8	163.9
6/4/2001 14:55	116.20	16.75	RUN 1	-0.94	102.32	4.87	20.91	114.9	16.8	164.2
6/4/2001 14:55	115.97	16.75	RUN 1	-0.94	102.32	4.87	20.91	114.7	16.8	163.9
6/4/2001 14:55	116.66	16.75	RUN 1	-0.94	102.32	4.87	20.91	115.4	16.8	164.8
			RUN 1 Average					116.3	16.7	164.2
6/4/2001 14:56	116.88	16.72	STANDBY							
6/4/2001 14:56	117.11	16.72	STANDBY							
6/4/2001 14:56	117.57	16.72	STANDBY							
6/4/2001 14:56	118.71	16.66	STANDBY							
6/4/2001 14:57	118.71	16.66	STANDBY							
6/4/2001 14:57	118.71	16.66	STANDBY							
6/4/2001 14:57	119.40	16.66	STANDBY							
6/4/2001 14:57	118.94	16.66	STANDBY							
6/4/2001 14:58	118.94	16.66	STANDBY							
6/4/2001 14:58	119.40	16.66	STANDBY							
6/4/2001 14:58	118.03	16.69	STANDBY							
6/4/2001 14:58	117.57	16.72	STANDBY							
6/4/2001 14:59	118.94	16.69	STANDBY							
6/4/2001 14:59	118.94	16.69	STANDBY							
6/4/2001 14:59	118.49	16.72	STANDBY							
6/4/2001 14:59	118.94	16.69	STANDBY							
6/4/2001 15:00	117.80	16.72	STANDBY							
6/4/2001 15:00	117.80	16.72	STANDBY							
6/4/2001 15:00	116.66	16.72	STANDBY							
6/4/2001 15:00	113.91	16.82	STANDBY							
6/4/2001 15:01	66.33	18.76	STANDBY							
6/4/2001 15:01	80.28	16.72	STANDBY							
6/4/2001 15:01	39.34	19.01	STANDBY							
6/4/2001 15:01	21.95	17.72	STANDBY							
6/4/2001 15:02	72.28	7.45	STANDBY							
6/4/2001 15:02	95.84	16.85	STANDBY							
6/4/2001 15:02	99.96	20.11	STANDBY							
6/4/2001 15:02	100.87	20.67	STANDBY							
6/4/2001 15:03	101.10	20.80	STANDBY							
6/4/2001 15:03	101.33	20.86	STANDBY							
6/4/2001 15:03	101.56	20.86	STANDBY							
			STANDBY Average							
6/4/2001 15:03	101.79	20.89	101.3 NOX, 20.9 O2							
6/4/2001 15:04	101.79	20.89	101.3 NOX, 20.9 O2							
6/4/2001 15:04	101.79	20.89	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/4/2001 15:04	97.67	20.89	STANDBY							
6/4/2001 15:04	31.79	19.98	STANDBY							
6/4/2001 15:05	5.25	9.80	STANDBY							
6/4/2001 15:05	0.22	5.94	STANDBY							
6/4/2001 15:05	-0.69	5.22	STANDBY							
6/4/2001 15:05	-0.92	5.03	STANDBY							
			STANDBY Average							
6/4/2001 15:06	-1.15	4.94	ZERO NOX, 4.97 O2							
6/4/2001 15:06	-1.15	4.94	ZERO NOX, 4.97 O2							
6/4/2001 15:06	-1.15	4.91	ZERO NOX, 4.97 O2							
6/4/2001 15:06	-1.15	4.88	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/4/2001 15:07	8.46	8.51	STANDBY							
6/4/2001 15:07	71.13	14.78	STANDBY							
6/4/2001 15:07	112.54	16.35	STANDBY							
6/4/2001 15:07	116.88	16.65	STANDBY							

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
			STANDBY Average							
6/4/2001 15:08	117.11	16.72	RUN 2	-1.01	101.13	4.90	20.84	117.2	16.8	167.9
6/4/2001 15:08	118.94	16.69	RUN 2	-1.01	101.13	4.90	20.84	119.0	16.8	169.2
6/4/2001 15:08	119.63	16.66	RUN 2	-1.01	101.13	4.90	20.84	119.6	16.7	168.9
6/4/2001 15:08	118.49	16.69	RUN 2	-1.01	101.13	4.90	20.84	118.5	16.8	168.6
6/4/2001 15:09	116.66	16.78	RUN 2	-1.01	101.13	4.90	20.84	116.7	16.8	169.9
6/4/2001 15:09	117.34	16.72	RUN 2	-1.01	101.13	4.90	20.84	117.4	16.8	168.2
6/4/2001 15:09	117.11	16.75	RUN 2	-1.01	101.13	4.90	20.84	117.2	16.8	169.2
6/4/2001 15:09	117.34	16.75	RUN 2	-1.01	101.13	4.90	20.84	117.4	16.8	169.5
6/4/2001 15:10	117.80	16.75	RUN 2	-1.01	101.13	4.90	20.84	117.8	16.8	170.2
6/4/2001 15:10	118.03	16.72	RUN 2	-1.01	101.13	4.90	20.84	118.1	16.8	169.2
6/4/2001 15:10	117.57	16.75	RUN 2	-1.01	101.13	4.90	20.84	117.6	16.8	169.8
6/4/2001 15:10	117.80	16.75	RUN 2	-1.01	101.13	4.90	20.84	117.8	16.8	170.2
6/4/2001 15:11	118.71	16.72	RUN 2	-1.01	101.13	4.90	20.84	118.7	16.8	170.2
6/4/2001 15:11	118.03	16.72	RUN 2	-1.01	101.13	4.90	20.84	118.1	16.8	169.2
6/4/2001 15:11	118.49	16.72	RUN 2	-1.01	101.13	4.90	20.84	118.5	16.8	169.9
6/4/2001 15:11	118.49	16.69	RUN 2	-1.01	101.13	4.90	20.84	118.5	16.8	168.6
6/4/2001 15:12	117.34	16.72	RUN 2	-1.01	101.13	4.90	20.84	117.4	16.8	168.2
6/4/2001 15:12	116.88	16.75	RUN 2	-1.01	101.13	4.90	20.84	116.9	16.8	168.9
6/4/2001 15:12	116.88	16.75	RUN 2	-1.01	101.13	4.90	20.84	116.9	16.8	168.9
6/4/2001 15:12	115.97	16.78	RUN 2	-1.01	101.13	4.90	20.84	116.0	16.8	168.9
6/4/2001 15:13	116.20	16.78	RUN 2	-1.01	101.13	4.90	20.84	116.2	16.8	169.2
6/4/2001 15:13	116.88	16.75	RUN 2	-1.01	101.13	4.90	20.84	116.9	16.8	168.9
6/4/2001 15:13	118.03	16.72	RUN 2	-1.01	101.13	4.90	20.84	118.1	16.8	169.2
6/4/2001 15:13	118.71	16.69	RUN 2	-1.01	101.13	4.90	20.84	118.7	16.8	168.9
6/4/2001 15:14	118.94	16.66	RUN 2	-1.01	101.13	4.90	20.84	119.0	16.7	167.9
6/4/2001 15:14	117.34	16.72	RUN 2	-1.01	101.13	4.90	20.84	117.4	16.8	168.2
6/4/2001 15:14	117.80	16.69	RUN 2	-1.01	101.13	4.90	20.84	117.8	16.8	167.6
6/4/2001 15:14	117.11	16.72	RUN 2	-1.01	101.13	4.90	20.84	117.2	16.8	167.9
6/4/2001 15:15	118.49	16.69	RUN 2	-1.01	101.13	4.90	20.84	118.5	16.8	168.6
6/4/2001 15:15	119.63	16.66	RUN 2	-1.01	101.13	4.90	20.84	119.6	16.7	168.9
6/4/2001 15:15	119.17	16.69	RUN 2	-1.01	101.13	4.90	20.84	119.2	16.8	169.6
6/4/2001 15:15	118.94	16.69	RUN 2	-1.01	101.13	4.90	20.84	119.0	16.8	169.2
6/4/2001 15:16	119.40	16.66	RUN 2	-1.01	101.13	4.90	20.84	119.4	16.7	168.6
6/4/2001 15:16	117.57	16.72	RUN 2	-1.01	101.13	4.90	20.84	117.6	16.8	168.6
6/4/2001 15:16	117.57	16.72	RUN 2	-1.01	101.13	4.90	20.84	117.6	16.8	168.6
6/4/2001 15:16	118.26	16.69	RUN 2	-1.01	101.13	4.90	20.84	118.3	16.8	168.3
6/4/2001 15:17	118.26	16.69	RUN 2	-1.01	101.13	4.90	20.84	118.3	16.8	168.3
6/4/2001 15:17	118.49	16.69	RUN 2	-1.01	101.13	4.90	20.84	118.5	16.8	168.6
6/4/2001 15:17	118.49	16.69	RUN 2	-1.01	101.13	4.90	20.84	118.5	16.8	168.6
6/4/2001 15:17	118.26	16.69	RUN 2	-1.01	101.13	4.90	20.84	118.3	16.8	168.3
6/4/2001 15:18	117.34	16.72	RUN 2	-1.01	101.13	4.90	20.84	117.4	16.8	168.2
6/4/2001 15:18	117.11	16.72	RUN 2	-1.01	101.13	4.90	20.84	117.2	16.8	167.9
6/4/2001 15:18	118.03	16.69	RUN 2	-1.01	101.13	4.90	20.84	118.1	16.8	167.9
6/4/2001 15:18	119.40	16.66	RUN 2	-1.01	101.13	4.90	20.84	119.4	16.7	168.6
6/4/2001 15:19	118.26	16.69	RUN 2	-1.01	101.13	4.90	20.84	118.3	16.8	168.3
6/4/2001 15:19	117.34	16.69	RUN 2	-1.01	101.13	4.90	20.84	117.4	16.8	167.0
6/4/2001 15:19	117.11	16.72	RUN 2	-1.01	101.13	4.90	20.84	117.2	16.8	167.9
6/4/2001 15:19	116.20	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.2	16.8	166.6
6/4/2001 15:20	116.88	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.9	16.8	167.6
6/4/2001 15:20	117.34	16.69	RUN 2	-1.01	101.13	4.90	20.84	117.4	16.8	167.0
6/4/2001 15:20	116.88	16.69	RUN 2	-1.01	101.13	4.90	20.84	116.9	16.8	166.3
6/4/2001 15:20	116.88	16.69	RUN 2	-1.01	101.13	4.90	20.84	116.9	16.8	166.3
6/4/2001 15:21	116.20	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.2	16.8	166.6
6/4/2001 15:21	115.51	16.72	RUN 2	-1.01	101.13	4.90	20.84	115.6	16.8	165.6
6/4/2001 15:21	116.20	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.2	16.8	166.6
6/4/2001 15:21	116.66	16.69	RUN 2	-1.01	101.13	4.90	20.84	116.7	16.8	166.0
6/4/2001 15:22	116.20	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.2	16.8	166.6
6/4/2001 15:22	116.66	16.69	RUN 2	-1.01	101.13	4.90	20.84	116.7	16.8	166.0
6/4/2001 15:22	117.11	16.69	RUN 2	-1.01	101.13	4.90	20.84	117.2	16.8	166.7
6/4/2001 15:22	117.57	16.66	RUN 2	-1.01	101.13	4.90	20.84	117.6	16.7	166.0
6/4/2001 15:23	115.97	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.0	16.8	166.3
6/4/2001 15:23	115.97	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.0	16.8	166.3
6/4/2001 15:23	116.43	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.5	16.8	166.9
6/4/2001 15:23	116.88	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.9	16.8	167.6

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 15:24	117.80	16.69	RUN 2	-1.01	101.13	4.90	20.84	117.8	16.8	167.6
6/4/2001 15:24	116.66	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.7	16.8	167.3
6/4/2001 15:24	116.88	16.69	RUN 2	-1.01	101.13	4.90	20.84	116.9	16.8	166.3
6/4/2001 15:24	117.34	16.69	RUN 2	-1.01	101.13	4.90	20.84	117.4	16.8	167.0
6/4/2001 15:25	115.74	16.72	RUN 2	-1.01	101.13	4.90	20.84	115.8	16.8	166.0
6/4/2001 15:25	116.20	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.2	16.8	166.6
6/4/2001 15:25	117.11	16.69	RUN 2	-1.01	101.13	4.90	20.84	117.2	16.8	166.7
6/4/2001 15:25	117.57	16.69	RUN 2	-1.01	101.13	4.90	20.84	117.6	16.8	167.3
6/4/2001 15:26	116.43	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.5	16.8	166.9
6/4/2001 15:26	117.11	16.69	RUN 2	-1.01	101.13	4.90	20.84	117.2	16.8	166.7
6/4/2001 15:26	116.88	16.69	RUN 2	-1.01	101.13	4.90	20.84	116.9	16.8	166.3
6/4/2001 15:26	116.43	16.69	RUN 2	-1.01	101.13	4.90	20.84	116.5	16.8	165.7
6/4/2001 15:27	116.66	16.69	RUN 2	-1.01	101.13	4.90	20.84	116.7	16.8	166.0
6/4/2001 15:27	116.66	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.7	16.8	167.3
6/4/2001 15:27	116.88	16.72	RUN 2	-1.01	101.13	4.90	20.84	116.9	16.8	167.6
6/4/2001 15:27	118.03	16.66	RUN 2	-1.01	101.13	4.90	20.84	118.1	16.7	166.7
6/4/2001 15:28	117.57	16.66	RUN 2	-1.01	101.13	4.90	20.84	117.6	16.7	166.0
6/4/2001 15:28	117.80	16.66	RUN 2	-1.01	101.13	4.90	20.84	117.8	16.7	166.3
6/4/2001 15:28	118.49	16.63	RUN 2	-1.01	101.13	4.90	20.84	118.5	16.7	166.1
6/4/2001 15:28	117.34	16.66	RUN 2	-1.01	101.13	4.90	20.84	117.4	16.7	165.7
			RUN 2 Average					117.5	16.8	167.8
6/4/2001 15:29	116.94	16.63	STANDBY							
6/4/2001 15:29	119.17	16.60	STANDBY							
6/4/2001 15:29	118.03	18.63	STANDBY							
6/4/2001 15:29	118.26	16.63	STANDBY							
6/4/2001 15:30	118.26	16.63	STANDBY							
6/4/2001 15:30	118.03	16.63	STANDBY							
6/4/2001 15:30	117.34	16.56	STANDBY							
6/4/2001 15:30	113.91	15.31	STANDBY							
6/4/2001 15:31	101.79	6.07	STANDBY							
6/4/2001 15:31	99.50	1.24	STANDBY							
6/4/2001 15:31	99.96	1.68	STANDBY							
6/4/2001 15:31	100.41	15.15	STANDBY							
6/4/2001 15:32	100.19	19.70	STANDBY							
6/4/2001 15:32	100.19	20.45	STANDBY							
6/4/2001 15:32	100.19	20.67	STANDBY							
			STANDBY Average							
6/4/2001 15:32	100.41	20.73	101.3 NOX, 20.9 O2							
6/4/2001 15:33	100.41	20.76	101.3 NOX, 20.9 O2							
6/4/2001 15:33	100.41	20.80	101.3 NOX, 20.9 O2							
6/4/2001 15:33	100.41	20.80	101.3 NOX, 20.9 O2							
6/4/2001 15:33	100.41	20.80	101.3 NOX, 20.9 O2							
6/4/2001 15:34	100.64	20.80	101.3 NOX, 20.9 O2							
6/4/2001 15:34	100.41	20.80	101.3 NOX, 20.9 O2							
6/4/2001 15:34	100.64	20.80	101.3 NOX, 20.9 O2							
6/4/2001 15:34	100.41	20.86	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/4/2001 15:35	68.62	20.39	STANDBY							
6/4/2001 15:35	15.55	10.33	STANDBY							
6/4/2001 15:35	2.51	6.04	STANDBY							
6/4/2001 15:35	-0.01	5.22	STANDBY							
6/4/2001 15:36	-0.46	5.03	STANDBY							
6/4/2001 15:36	-0.92	4.94	STANDBY							
			STANDBY Average							
6/4/2001 15:36	-0.92	4.91	ZERO NOX, 4.97 O2							
6/4/2001 15:36	-0.92	4.88	ZERO NOX, 4.97 O2							
6/4/2001 15:37	-0.92	4.88	ZERO NOX, 4.97 O2							
6/4/2001 15:37	-0.69	4.88	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/4/2001 15:37	10.74	6.22	STANDBY							
6/4/2001 15:37	92.64	13.87	STANDBY							
			STANDBY Average							
6/4/2001 15:38	111.62	16.13	RUN 3	-0.89	100.03	4.88	20.86	112.9	16.2	141.2
6/4/2001 15:38	111.85	16.56	RUN 3	-0.89	100.03	4.88	20.86	113.2	16.6	155.9
6/4/2001 15:38	112.31	16.67	RUN 3	-0.89	100.03	4.88	20.86	113.6	16.7	161.3

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 15:38	113.68	16.72	RUN 3	-0.89	100.03	4.88	20.86	115.0	16.8	164.4
6/4/2001 15:39	113.91	16.72	RUN 3	-0.89	100.03	4.88	20.86	115.2	16.8	164.8
6/4/2001 15:39	113.45	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.8	16.8	164.1
6/4/2001 15:39	113.00	16.75	RUN 3	-0.89	100.03	4.88	20.86	114.3	16.8	164.7
6/4/2001 15:39	112.54	16.78	RUN 3	-0.89	100.03	4.88	20.86	113.9	16.8	165.3
6/4/2001 15:40	112.54	16.78	RUN 3	-0.89	100.03	4.88	20.86	113.9	16.8	165.3
6/4/2001 15:40	113.22	16.75	RUN 3	-0.89	100.03	4.88	20.86	114.5	16.8	165.0
6/4/2001 15:40	113.91	16.72	RUN 3	-0.89	100.03	4.88	20.86	115.2	16.8	164.8
6/4/2001 15:41	113.22	16.75	RUN 3	-0.89	100.03	4.88	20.86	114.5	16.8	165.0
6/4/2001 15:41	113.68	16.75	RUN 3	-0.89	100.03	4.88	20.86	115.0	16.8	165.7
6/4/2001 15:41	113.91	16.72	RUN 3	-0.89	100.03	4.88	20.86	115.2	16.8	164.8
6/4/2001 15:41	113.00	16.75	RUN 3	-0.89	100.03	4.88	20.86	114.3	16.8	164.7
6/4/2001 15:42	113.00	16.78	RUN 3	-0.89	100.03	4.88	20.86	114.3	16.8	166.0
6/4/2001 15:42	112.77	16.78	RUN 3	-0.89	100.03	4.88	20.86	114.1	16.8	165.7
6/4/2001 15:42	113.45	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.8	16.8	164.1
6/4/2001 15:42	112.77	16.75	RUN 3	-0.89	100.03	4.88	20.86	114.1	16.8	164.4
6/4/2001 15:42	111.62	16.78	RUN 3	-0.89	100.03	4.88	20.86	112.9	16.8	164.0
6/4/2001 15:43	110.48	16.82	RUN 3	-0.89	100.03	4.88	20.86	111.8	16.9	163.6
6/4/2001 15:43	110.71	16.82	RUN 3	-0.89	100.03	4.88	20.86	112.0	16.9	163.9
6/4/2001 15:43	111.17	16.75	RUN 3	-0.89	100.03	4.88	20.86	112.5	16.8	162.0
6/4/2001 15:43	110.02	16.78	RUN 3	-0.89	100.03	4.88	20.86	111.3	16.8	161.7
6/4/2001 15:44	111.17	16.75	RUN 3	-0.89	100.03	4.88	20.86	112.5	16.8	162.0
6/4/2001 15:44	110.02	16.82	RUN 3	-0.89	100.03	4.88	20.86	111.3	16.9	162.9
6/4/2001 15:44	110.02	16.82	RUN 3	-0.89	100.03	4.88	20.86	111.3	16.9	162.9
6/4/2001 15:44	112.31	16.72	RUN 3	-0.89	100.03	4.88	20.86	113.6	16.8	162.5
6/4/2001 15:45	112.08	16.72	RUN 3	-0.89	100.03	4.88	20.86	113.4	16.8	162.1
6/4/2001 15:45	112.08	16.72	RUN 3	-0.89	100.03	4.88	20.86	113.4	16.8	162.1
6/4/2001 15:45	112.31	16.72	RUN 3	-0.89	100.03	4.88	20.86	113.4	16.8	162.1
6/4/2001 15:46	111.17	16.75	RUN 3	-0.89	100.03	4.88	20.86	113.6	16.8	162.5
6/4/2001 15:46	110.71	16.78	RUN 3	-0.89	100.03	4.88	20.86	112.5	16.8	162.0
6/4/2001 15:46	110.94	16.78	RUN 3	-0.89	100.03	4.88	20.86	112.0	16.8	162.7
6/4/2001 15:46	112.54	16.72	RUN 3	-0.89	100.03	4.88	20.86	112.2	16.8	163.0
6/4/2001 15:47	113.22	16.72	RUN 3	-0.89	100.03	4.88	20.86	113.9	16.8	162.8
6/4/2001 15:47	112.77	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.5	16.8	163.8
6/4/2001 15:47	111.39	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.1	16.8	163.1
6/4/2001 15:47	112.77	16.72	RUN 3	-0.89	100.03	4.88	20.86	112.7	16.8	161.2
6/4/2001 15:48	113.00	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.1	16.8	163.1
6/4/2001 15:48	112.77	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.3	16.8	163.5
6/4/2001 15:48	111.85	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.1	16.8	163.1
6/4/2001 15:48	112.77	16.72	RUN 3	-0.89	100.03	4.88	20.86	113.2	16.8	161.8
6/4/2001 15:49	112.54	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.1	16.8	163.1
6/4/2001 15:49	112.31	16.72	RUN 3	-0.89	100.03	4.88	20.86	113.9	16.8	162.8
6/4/2001 15:49	112.08	16.72	RUN 3	-0.89	100.03	4.88	20.86	113.6	16.8	162.5
6/4/2001 15:49	113.45	16.72	RUN 3	-0.89	100.03	4.88	20.86	113.4	16.8	162.1
6/4/2001 15:50	113.45	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.8	16.8	164.1
6/4/2001 15:50	113.45	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.8	16.8	164.1
6/4/2001 15:50	113.00	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.8	16.8	164.1
6/4/2001 15:50	113.22	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.3	16.8	163.5
6/4/2001 15:51	113.22	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.5	16.8	163.8
6/4/2001 15:51	112.77	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.5	16.8	163.8
6/4/2001 15:51	112.77	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.1	16.8	163.1
6/4/2001 15:51	113.22	16.69	RUN 3	-0.89	100.03	4.88	20.86	114.1	16.8	163.1
6/4/2001 15:52	113.45	16.69	RUN 3	-0.89	100.03	4.88	20.86	114.5	16.7	162.6
6/4/2001 15:52	112.31	16.75	RUN 3	-0.89	100.03	4.88	20.86	114.8	16.7	162.9
6/4/2001 15:52	113.22	16.72	RUN 3	-0.89	100.03	4.88	20.86	113.6	16.8	163.7
6/4/2001 15:52	112.77	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.5	16.8	163.8
6/4/2001 15:53	112.31	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.1	16.8	163.1
6/4/2001 15:53	113.00	16.72	RUN 3	-0.89	100.03	4.88	20.86	113.6	16.8	162.5
6/4/2001 15:53	112.31	16.75	RUN 3	-0.89	100.03	4.88	20.86	114.3	16.8	163.5
6/4/2001 15:53	112.08	16.75	RUN 3	-0.89	100.03	4.88	20.86	113.6	16.8	163.7
6/4/2001 15:54	113.22	16.72	RUN 3	-0.89	100.03	4.88	20.86	113.4	16.8	163.4
6/4/2001 15:54	113.45	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.5	16.8	163.8
6/4/2001 15:54	113.00	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.8	16.8	164.1
6/4/2001 15:54	113.45	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.3	16.8	163.5
6/4/2001 15:54	113.45	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.8	16.8	164.1

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 15:55	113.22	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.5	16.8	163.8
6/4/2001 15:55	113.00	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.3	16.8	163.5
6/4/2001 15:55	113.22	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.5	16.8	163.8
6/4/2001 15:55	113.91	16.69	RUN 3	-0.89	100.03	4.88	20.86	115.2	16.7	163.6
6/4/2001 15:56	113.91	16.72	RUN 3	-0.89	100.03	4.88	20.86	115.2	16.8	164.8
6/4/2001 15:56	113.45	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.8	16.8	164.1
6/4/2001 15:56	113.00	16.75	RUN 3	-0.89	100.03	4.88	20.86	114.3	16.8	164.7
6/4/2001 15:56	113.45	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.8	16.8	164.1
6/4/2001 15:57	113.00	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.3	16.8	163.5
6/4/2001 15:57	112.31	16.75	RUN 3	-0.89	100.03	4.88	20.86	113.6	16.8	163.7
6/4/2001 15:57	113.22	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.5	16.8	163.8
6/4/2001 15:57	113.00	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.3	16.8	163.5
6/4/2001 15:58	113.45	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.8	16.8	164.1
6/4/2001 15:58	113.00	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.3	16.8	163.5
6/4/2001 15:58	113.22	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.5	16.8	163.8
6/4/2001 15:58	112.77	16.72	RUN 3	-0.89	100.03	4.88	20.86	114.1	16.8	163.1
			RUN 3 Average					113.9	16.8	163.2
6/4/2001 15:59	110.94	16.78	STANDBY							
6/4/2001 15:59	111.62	16.78	STANDBY							
6/4/2001 15:59	112.08	16.78	STANDBY							
6/4/2001 15:59	112.31	16.75	STANDBY							
6/4/2001 16:00	113.00	16.72	STANDBY							
6/4/2001 16:00	113.00	16.72	STANDBY							
6/4/2001 16:00	113.45	16.72	STANDBY							
6/4/2001 16:00	112.77	16.72	STANDBY							
6/4/2001 16:01	113.45	16.72	STANDBY							
6/4/2001 16:01	113.68	16.72	STANDBY							
6/4/2001 16:01	113.45	16.72	STANDBY							
6/4/2001 16:01	113.68	16.72	STANDBY							
6/4/2001 16:02	113.45	16.97	STANDBY							
6/4/2001 16:02	98.58	19.76	STANDBY							
6/4/2001 16:02	93.78	20.70	STANDBY							
6/4/2001 16:02	97.67	20.89	STANDBY							
			STANDBY Average							
6/4/2001 16:03	99.04	20.92	101.3 NOX, 20.9 O2							
6/4/2001 16:03	99.27	20.92	101.3 NOX, 20.9 O2							
6/4/2001 16:03	99.50	20.92	101.3 NOX, 20.9 O2							
6/4/2001 16:03	99.50	20.92	101.3 NOX, 20.9 O2							
6/4/2001 16:04	99.50	20.92	101.3 NOX, 20.9 O2							
6/4/2001 16:04	99.73	20.92	101.3 NOX, 20.9 O2							
6/4/2001 16:04	99.73	20.92	101.3 NOX, 20.9 O2							
6/4/2001 16:04	99.73	20.92	101.3 NOX, 20.9 O2							
6/4/2001 16:05	99.73	20.92	101.3 NOX, 20.9 O2							
6/4/2001 16:05	99.73	20.92	101.3 NOX, 20.9 O2							
6/4/2001 16:05	99.73	20.92	101.3 NOX, 20.9 O2							
6/4/2001 16:05	99.96	20.92	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/4/2001 16:06	76.62	19.42	STANDBY							
6/4/2001 16:06	18.52	8.95	STANDBY							
6/4/2001 16:06	2.97	5.79	STANDBY							
6/4/2001 16:06	-0.01	5.16	STANDBY							
6/4/2001 16:07	-0.69	5.00	STANDBY							
6/4/2001 16:07	-0.92	4.94	STANDBY							
6/4/2001 16:07	-0.92	4.91	STANDBY							
			STANDBY Average							
6/4/2001 16:07	-0.92	4.88	ZERO NOX, 4.97 O2							
6/4/2001 16:08	-0.92	4.88	ZERO NOX, 4.97 O2							
6/4/2001 16:08	-0.92	4.88	ZERO NOX, 4.97 O2							
6/4/2001 16:08	-0.92	4.88	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/4/2001 16:08	-1.15	10.39	OFFLINE - VALVE FAIL							
6/4/2001 16:09	-1.15	18.54	OFFLINE - VALVE FAIL							
6/4/2001 16:09	-1.15	20.33	OFFLINE - VALVE FAIL							
6/4/2001 16:09	-1.15	20.70	OFFLINE - VALVE FAIL							
6/4/2001 16:09	-1.15	20.80	OFFLINE - VALVE FAIL							

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 16:10	-1.15	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:10	-1.15	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:10	-1.15	20.89	OFFLINE - VALVE FAIL							
6/4/2001 16:10	-1.15	20.89	OFFLINE - VALVE FAIL							
6/4/2001 16:11	-1.15	20.89	OFFLINE - VALVE FAIL							
6/4/2001 16:11	-1.38	20.89	OFFLINE - VALVE FAIL							
6/4/2001 16:11	-1.38	20.89	OFFLINE - VALVE FAIL							
6/4/2001 16:11	-1.38	20.89	OFFLINE - VALVE FAIL							
6/4/2001 16:12	-1.38	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:12	-1.38	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:12	-1.38	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:12	-1.38	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:13	-1.38	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:13	-1.38	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:13	-0.92	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:13	-1.15	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:14	-1.38	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:14	-0.92	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:14	-0.46	19.54	OFFLINE - VALVE FAIL							
6/4/2001 16:14	0.68	16.19	OFFLINE - VALVE FAIL							
6/4/2001 16:15	-0.24	19.48	OFFLINE - VALVE FAIL							
6/4/2001 16:15	-0.92	20.61	OFFLINE - VALVE FAIL							
6/4/2001 16:15	-1.15	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:15	-1.15	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:16	-1.15	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:16	-1.15	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:16	-0.92	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:16	-0.92	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:17	-0.92	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:17	-0.92	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:17	-0.92	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:17	-1.15	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:18	-1.15	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:18	-0.92	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:18	-1.15	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:18	-0.92	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:19	-0.92	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:19	-0.92	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:19	25.38	18.85	OFFLINE - VALVE FAIL							
6/4/2001 16:19	98.36	17.00	OFFLINE - VALVE FAIL							
6/4/2001 16:20	113.91	16.75	OFFLINE - VALVE FAIL							
6/4/2001 16:20	102.70	17.32	OFFLINE - VALVE FAIL							
6/4/2001 16:20	23.10	20.07	OFFLINE - VALVE FAIL							
6/4/2001 16:20	2.05	20.89	OFFLINE - VALVE FAIL							
6/4/2001 16:21	-0.46	21.05	OFFLINE - VALVE FAIL							
6/4/2001 16:21	-0.92	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:21	-0.92	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:21	-1.15	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:22	-0.92	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:22	-1.15	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:22	-1.15	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:22	-1.15	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:23	-1.15	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:23	-1.15	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:23	-1.15	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:23	-1.15	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:24	-1.15	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:24	-1.15	21.14	OFFLINE - VALVE FAIL							
6/4/2001 16:24	-1.15	21.17	OFFLINE - VALVE FAIL							
6/4/2001 16:24	-1.38	21.11	OFFLINE - VALVE FAIL							
6/4/2001 16:25	-0.69	21.01	OFFLINE - VALVE FAIL							
6/4/2001 16:25	-0.01	20.95	OFFLINE - VALVE FAIL							
6/4/2001 16:25	-0.01	20.92	OFFLINE - VALVE FAIL							
6/4/2001 16:25	-0.01	20.89	OFFLINE - VALVE FAIL							
6/4/2001 16:26	-0.01	20.86	OFFLINE - VALVE FAIL							

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 16:26	-0.01	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:26	0.45	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:26	0.45	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:27	0.45	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:27	0.45	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:27	-0.01	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:27	0.22	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:28	-0.01	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:28	-0.01	20.86	OFFLINE - VALVE FAIL							
6/4/2001 16:28	-0.01	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:28	0.22	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:29	-0.01	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:29	-0.01	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:29	-0.01	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:29	-0.01	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:30	-0.01	20.83	OFFLINE - VALVE FAIL							
6/4/2001 16:30	0.22	20.73	OFFLINE - VALVE FAIL							
6/4/2001 16:30	61.53	18.51	OFFLINE - VALVE FAIL							
6/4/2001 16:30	113.45	17.16	OFFLINE - VALVE FAIL							
			OFFLINE - VALVE FAIL Average							
6/4/2001 16:31	116.20	16.94	RUN 4	-0.96	99.49	4.91	20.94	118.1	16.9	175.4
6/4/2001 16:31	115.97	16.91	RUN 4	-0.96	99.49	4.91	20.94	117.9	16.9	173.7
6/4/2001 16:31	115.28	16.91	RUN 4	-0.96	99.49	4.91	20.94	117.2	16.9	172.7
6/4/2001 16:31	115.51	16.91	RUN 4	-0.96	99.49	4.91	20.94	117.5	16.9	173.0
6/4/2001 16:32	114.83	16.91	RUN 4	-0.96	99.49	4.91	20.94	116.8	16.9	172.0
6/4/2001 16:32	116.20	16.85	RUN 4	-0.96	99.49	4.91	20.94	118.1	16.8	171.3
6/4/2001 16:32	114.37	16.91	RUN 4	-0.96	99.49	4.91	20.94	116.3	16.9	171.3
6/4/2001 16:32	115.97	16.85	RUN 4	-0.96	99.49	4.91	20.94	117.9	16.8	171.0
6/4/2001 16:33	115.97	16.85	RUN 4	-0.96	99.49	4.91	20.94	117.9	16.8	171.0
6/4/2001 16:33	118.03	16.78	RUN 4	-0.96	99.49	4.91	20.94	120.0	16.8	171.4
6/4/2001 16:33	116.20	16.82	RUN 4	-0.96	99.49	4.91	20.94	118.1	16.8	170.0
6/4/2001 16:33	115.97	16.82	RUN 4	-0.96	99.49	4.91	20.94	117.9	16.8	169.7
6/4/2001 16:34	114.83	16.85	RUN 4	-0.96	99.49	4.91	20.94	116.8	16.8	169.3
6/4/2001 16:34	115.74	16.85	RUN 4	-0.96	99.49	4.91	20.94	117.7	16.8	170.7
6/4/2001 16:34	114.83	16.85	RUN 4	-0.96	99.49	4.91	20.94	116.8	16.8	169.3
6/4/2001 16:34	113.22	16.91	RUN 4	-0.96	99.49	4.91	20.94	115.1	16.9	169.6
6/4/2001 16:35	113.00	16.91	RUN 4	-0.96	99.49	4.91	20.94	114.9	16.9	169.3
6/4/2001 16:35	112.31	16.94	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	169.5
6/4/2001 16:35	112.31	16.94	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	169.5
6/4/2001 16:35	113.22	16.91	RUN 4	-0.96	99.49	4.91	20.94	115.1	16.9	169.6
6/4/2001 16:36	115.05	16.85	RUN 4	-0.96	99.49	4.91	20.94	117.0	16.8	169.7
6/4/2001 16:36	115.05	16.85	RUN 4	-0.96	99.49	4.91	20.94	117.0	16.8	169.7
6/4/2001 16:36	114.83	16.85	RUN 4	-0.96	99.49	4.91	20.94	116.8	16.8	169.3
6/4/2001 16:36	1.14	-5.00	RUN 4	-0.96	99.49	4.91	20.94	2.1	-4.9	0.5
6/4/2001 16:37	115.74	16.82	RUN 4	-0.96	99.49	4.91	20.94	117.7	16.8	169.4
6/4/2001 16:37	114.83	16.88	RUN 4	-0.96	99.49	4.91	20.94	116.8	16.9	170.7
6/4/2001 16:37	113.45	16.91	RUN 4	-0.96	99.49	4.91	20.94	115.4	16.9	169.9
6/4/2001 16:37	113.22	16.94	RUN 4	-0.96	99.49	4.91	20.94	115.1	16.9	170.9
6/4/2001 16:38	114.14	16.88	RUN 4	-0.96	99.49	4.91	20.94	116.1	16.9	169.7
6/4/2001 16:38	114.14	16.88	RUN 4	-0.96	99.49	4.91	20.94	116.1	16.9	169.7
6/4/2001 16:38	114.37	16.88	RUN 4	-0.96	99.49	4.91	20.94	116.3	16.9	170.0
6/4/2001 16:38	114.14	16.88	RUN 4	-0.96	99.49	4.91	20.94	116.1	16.9	169.7
6/4/2001 16:39	113.91	16.88	RUN 4	-0.96	99.49	4.91	20.94	115.8	16.9	169.3
6/4/2001 16:39	113.68	16.91	RUN 4	-0.96	99.49	4.91	20.94	115.6	16.9	170.3
6/4/2001 16:39	112.77	16.94	RUN 4	-0.96	99.49	4.91	20.94	114.7	16.9	170.2
6/4/2001 16:39	112.77	16.94	RUN 4	-0.96	99.49	4.91	20.94	114.7	16.9	170.2
6/4/2001 16:40	113.22	16.91	RUN 4	-0.96	99.49	4.91	20.94	115.1	16.9	169.6
6/4/2001 16:40	113.91	16.88	RUN 4	-0.96	99.49	4.91	20.94	115.8	16.9	169.3
6/4/2001 16:40	113.22	16.91	RUN 4	-0.96	99.49	4.91	20.94	115.1	16.9	169.6
6/4/2001 16:40	115.51	16.85	RUN 4	-0.96	99.49	4.91	20.94	117.5	16.8	170.3
6/4/2001 16:41	114.60	16.85	RUN 4	-0.96	99.49	4.91	20.94	116.5	16.8	169.0
6/4/2001 16:41	116.88	16.78	RUN 4	-0.96	99.49	4.91	20.94	118.8	16.8	169.8
6/4/2001 16:41	114.60	16.85	RUN 4	-0.96	99.49	4.91	20.94	116.5	16.8	169.0
6/4/2001 16:41	114.14	16.88	RUN 4	-0.96	99.49	4.91	20.94	116.1	16.9	169.7
6/4/2001 16:42	114.14	16.88	RUN 4	-0.96	99.49	4.91	20.94	116.1	16.9	169.7

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 16:42	112.54	16.91	RUN 4	-0.96	99.49	4.91	20.94	114.5	16.9	168.6
6/4/2001 16:42	112.77	16.91	RUN 4	-0.96	99.49	4.91	20.94	114.7	16.9	168.9
6/4/2001 16:42	113.00	16.91	RUN 4	-0.96	99.49	4.91	20.94	114.9	16.9	169.3
6/4/2001 16:43	112.31	16.94	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	169.5
6/4/2001 16:43	112.31	16.91	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	168.2
6/4/2001 16:43	112.08	16.94	RUN 4	-0.96	99.49	4.91	20.94	114.0	16.9	169.2
6/4/2001 16:43	113.00	16.91	RUN 4	-0.96	99.49	4.91	20.94	114.9	16.9	169.3
6/4/2001 16:44	113.22	16.91	RUN 4	-0.96	99.49	4.91	20.94	115.1	16.9	169.6
6/4/2001 16:44	113.22	16.88	RUN 4	-0.96	99.49	4.91	20.94	115.1	16.9	168.3
6/4/2001 16:44	115.05	16.85	RUN 4	-0.96	99.49	4.91	20.94	117.0	16.8	169.7
6/4/2001 16:44	114.37	16.85	RUN 4	-0.96	99.49	4.91	20.94	116.3	16.8	168.7
6/4/2001 16:45	112.77	16.91	RUN 4	-0.96	99.49	4.91	20.94	114.7	16.9	168.9
6/4/2001 16:45	112.54	16.91	RUN 4	-0.96	99.49	4.91	20.94	114.5	16.9	168.6
6/4/2001 16:45	113.45	16.88	RUN 4	-0.96	99.49	4.91	20.94	115.4	16.9	168.6
6/4/2001 16:45	114.14	16.85	RUN 4	-0.96	99.49	4.91	20.94	116.1	16.8	168.3
6/4/2001 16:46	115.97	16.82	RUN 4	-0.96	99.49	4.91	20.94	117.9	16.8	169.7
6/4/2001 16:46	116.20	16.78	RUN 4	-0.96	99.49	4.91	20.94	118.1	16.8	168.8
6/4/2001 16:46	115.05	16.82	RUN 4	-0.96	99.49	4.91	20.94	117.0	16.8	168.4
6/4/2001 16:46	115.97	16.78	RUN 4	-0.96	99.49	4.91	20.94	117.9	16.8	168.5
6/4/2001 16:47	114.60	16.82	RUN 4	-0.96	99.49	4.91	20.94	116.5	16.8	167.7
6/4/2001 16:47	114.83	16.82	RUN 4	-0.96	99.49	4.91	20.94	116.8	16.8	168.1
6/4/2001 16:47	113.45	16.85	RUN 4	-0.96	99.49	4.91	20.94	115.4	16.8	167.3
6/4/2001 16:47	112.08	16.88	RUN 4	-0.96	99.49	4.91	20.94	114.0	16.9	166.6
6/4/2001 16:48	112.54	16.91	RUN 4	-0.96	99.49	4.91	20.94	114.5	16.9	168.6
6/4/2001 16:48	112.31	16.91	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	168.2
6/4/2001 16:48	113.22	16.85	RUN 4	-0.96	99.49	4.91	20.94	115.1	16.8	167.0
6/4/2001 16:48	112.54	16.88	RUN 4	-0.96	99.49	4.91	20.94	114.5	16.9	167.3
6/4/2001 16:49	110.71	16.94	RUN 4	-0.96	99.49	4.91	20.94	112.6	16.9	167.1
6/4/2001 16:49	111.17	16.94	RUN 4	-0.96	99.49	4.91	20.94	113.1	16.9	167.8
6/4/2001 16:49	112.31	16.88	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	167.0
6/4/2001 16:49	112.31	16.88	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	167.0
6/4/2001 16:50	112.31	16.88	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	167.0
6/4/2001 16:50	112.31	16.88	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	167.0
6/4/2001 16:50	112.31	16.88	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	167.0
6/4/2001 16:50	112.31	16.88	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	167.0
6/4/2001 16:51	112.31	16.88	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	167.0
6/4/2001 16:51	112.31	16.88	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	167.0
6/4/2001 16:51	112.31	16.88	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	167.0
6/4/2001 16:51	112.31	16.88	RUN 4	-0.96	99.49	4.91	20.94	114.2	16.9	167.0
			RUN 4 Average					114.5	16.6	167.2
6/4/2001 16:52	94.47	20.70	STANDBY							
6/4/2001 16:52	97.90	20.89	STANDBY							
6/4/2001 16:52	98.81	20.95	STANDBY							
6/4/2001 16:52	99.27	20.95	STANDBY							
			STANDBY Average							
6/4/2001 16:53	99.27	20.98	101.3 NOX, 20.9 O2							
6/4/2001 16:53	99.27	20.95	101.3 NOX, 20.9 O2							
6/4/2001 16.53	99.50	20.95	101.3 NOX, 20 9 O2							
6/4/2001 16:53	99.50	20.95	101.3 NOX, 20 9 O2							
			101.3 NOX, 20.9 O2 Average							
6/4/2001 16:54	97.90	20.95	STANDBY							
6/4/2001 16:54	48.49	14.90	STANDBY							
6/4/2001 16 54	8 46	6.85	STANDBY							
6/4/2001 16 54	0 68	5 41	STANDBY							
6/4/2001 16:55	-0 46	5 10	STANDBY							
			STANDBY Average							
6/4/2001 16 55	-0 69	4 97	ZERO NOX, 4 97 O2							
6/4/2001 16 55	-1 15	4 94	ZERO NOX, 4 97 O2							
6/4/2001 16 55	-1 15	4 91	ZERO NOX, 4 97 O2							
			ZERO NOX, 4.97 O2 Average							
6/4/2001 16 56	21 50	7 48	STANDBY							
6/4/2001 16 56	100 87	14 84	STANDBY							
6/4/2001 16 56	111 39	16 53	STANDBY							
6/4/2001 16 56	115 97	16 72	STANDBY							
			STANDBY Average							

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 16:57	116.66	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.7	16.8	167.9
6/4/2001 16:57	116.88	16.85	RUN 5	-1.42	100.19	4.94	20.98	117.9	16.8	169.5
6/4/2001 16:57	116.88	16.85	RUN 5	-1.42	100.19	4.94	20.98	117.9	16.8	169.5
6/4/2001 16:57	117.34	16.85	RUN 5	-1.42	100.19	4.94	20.98	118.4	16.8	170.1
6/4/2001 16:58	117.80	16.85	RUN 5	-1.42	100.19	4.94	20.98	118.9	16.8	170.8
6/4/2001 16:58	116.88	16.88	RUN 5	-1.42	100.19	4.94	20.98	117.9	16.8	170.8
6/4/2001 16:58	117.57	16.85	RUN 5	-1.42	100.19	4.94	20.98	118.6	16.8	170.5
6/4/2001 16:58	117.80	16.85	RUN 5	-1.42	100.19	4.94	20.98	118.9	16.8	170.8
6/4/2001 16:59	117.57	16.85	RUN 5	-1.42	100.19	4.94	20.98	118.6	16.8	170.5
6/4/2001 16:59	118.49	16.82	RUN 5	-1.42	100.19	4.94	20.98	119.5	16.8	170.5
6/4/2001 16:59	118.71	16.82	RUN 5	-1.42	100.19	4.94	20.98	119.8	16.8	170.8
6/4/2001 16:59	117.57	16.85	RUN 5	-1.42	100.19	4.94	20.98	118.6	16.8	170.5
6/4/2001 17:00	118.26	16.85	RUN 5	-1.42	100.19	4.94	20.98	119.3	16.8	171.5
6/4/2001 17:00	118.26	16.85	RUN 5	-1.42	100.19	4.94	20.98	119.3	16.8	171.5
6/4/2001 17:00	118.71	16.82	RUN 5	-1.42	100.19	4.94	20.98	119.8	16.8	170.8
6/4/2001 17:00	118.49	16.85	RUN 5	-1.42	100.19	4.94	20.98	119.5	16.8	171.8
6/4/2001 17:01	119.17	16.82	RUN 5	-1.42	100.19	4.94	20.98	120.2	16.8	171.5
6/4/2001 17:01	119.86	16.78	RUN 5	-1.42	100.19	4.94	20.98	120.9	16.7	171.2
6/4/2001 17:01	119.17	16.78	RUN 5	-1.42	100.19	4.94	20.98	120.2	16.7	170.2
6/4/2001 17:01	120.09	16.75	RUN 5	-1.42	100.19	4.94	20.98	121.1	16.7	170.2
6/4/2001 17:02	120.09	16.75	RUN 5	-1.42	100.19	4.94	20.98	121.1	16.7	170.2
6/4/2001 17:02	118.49	16.85	RUN 5	-1.42	100.19	4.94	20.98	119.5	16.8	171.8
6/4/2001 17:02	118.94	16.82	RUN 5	-1.42	100.19	4.94	20.98	120.0	16.8	171.2
6/4/2001 17:02	118.71	16.82	RUN 5	-1.42	100.19	4.94	20.98	119.8	16.8	170.8
6/4/2001 17:03	117.57	16.85	RUN 5	-1.42	100.19	4.94	20.98	118.6	16.8	170.5
6/4/2001 17:03	117.11	16.85	RUN 5	-1.42	100.19	4.94	20.98	118.2	16.8	169.8
6/4/2001 17:03	117.34	16.85	RUN 5	-1.42	100.19	4.94	20.98	118.4	16.8	170.1
6/4/2001 17:03	117.57	16.85	RUN 5	-1.42	100.19	4.94	20.98	118.6	16.8	170.5
6/4/2001 17:04	116.66	16.85	RUN 5	-1.42	100.19	4.94	20.98	117.7	16.8	169.2
6/4/2001 17:04	118.49	16.78	RUN 5	-1.42	100.19	4.94	20.98	119.5	16.7	169.2
6/4/2001 17:04	117.80	16.78	RUN 5	-1.42	100.19	4.94	20.98	118.9	16.7	168.3
6/4/2001 17:04	117.34	16.82	RUN 5	-1.42	100.19	4.94	20.98	118.4	16.8	168.9
6/4/2001 17:05	117.34	16.82	RUN 5	-1.42	100.19	4.94	20.98	118.4	16.8	168.9
6/4/2001 17:05	116.88	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.9	16.8	168.2
6/4/2001 17:05	116.66	16.85	RUN 5	-1.42	100.19	4.94	20.98	117.7	16.8	169.2
6/4/2001 17:05	118.03	16.78	RUN 5	-1.42	100.19	4.94	20.98	119.1	16.7	168.6
6/4/2001 17:06	117.57	16.82	RUN 5	-1.42	100.19	4.94	20.98	118.6	16.8	169.2
6/4/2001 17:06	116.88	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.9	16.8	168.2
6/4/2001 17:06	116.20	16.78	RUN 5	-1.42	100.19	4.94	20.98	117.3	16.7	166.0
6/4/2001 17:06	115.74	16.82	RUN 5	-1.42	100.19	4.94	20.98	116.8	16.8	166.6
6/4/2001 17:07	116.66	16.78	RUN 5	-1.42	100.19	4.94	20.98	117.7	16.7	166.7
6/4/2001 17:07	116.43	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.5	16.8	167.6
6/4/2001 17:07	115.74	16.82	RUN 5	-1.42	100.19	4.94	20.98	116.8	16.8	166.6
6/4/2001 17:07	115.97	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.0	16.8	166.9
6/4/2001 17:08	115.28	16.82	RUN 5	-1.42	100.19	4.94	20.98	116.3	16.8	165.9
6/4/2001 17:08	116.20	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.3	16.8	167.3
6/4/2001 17:08	116.66	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.7	16.8	167.9
6/4/2001 17:08	115.28	16.85	RUN 5	-1.42	100.19	4.94	20.98	116.3	16.8	167.2
6/4/2001 17:09	116.20	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.3	16.8	167.3
6/4/2001 17:09	118.03	16.75	RUN 5	-1.42	100.19	4.94	20.98	119.1	16.7	167.3
6/4/2001 17:09	117.80	16.75	RUN 5	-1.42	100.19	4.94	20.98	118.9	16.7	167.0
6/4/2001 17:09	117.80	16.75	RUN 5	-1.42	100.19	4.94	20.98	118.9	16.7	167.0
6/4/2001 17:10	116.66	16.78	RUN 5	-1.42	100.19	4.94	20.98	117.7	16.7	166.7
6/4/2001 17:10	117.80	16.78	RUN 5	-1.42	100.19	4.94	20.98	118.9	16.7	168.3
6/4/2001 17:10	118.26	16.75	RUN 5	-1.42	100.19	4.94	20.98	119.3	16.7	167.6
6/4/2001 17:10	118.71	16.72	RUN 5	-1.42	100.19	4.94	20.98	119.8	16.7	167.1
6/4/2001 17:11	118.26	16.75	RUN 5	-1.42	100.19	4.94	20.98	119.3	16.7	167.6
6/4/2001 17:11	118.94	16.72	RUN 5	-1.42	100.19	4.94	20.98	120.0	16.7	167.4
6/4/2001 17:11	118.03	16.75	RUN 5	-1.42	100.19	4.94	20.98	119.1	16.7	167.3
6/4/2001 17:11	118.26	16.75	RUN 5	-1.42	100.19	4.94	20.98	119.3	16.7	167.6
6/4/2001 17:12	118.26	16.75	RUN 5	-1.42	100.19	4.94	20.98	119.3	16.7	167.6
6/4/2001 17:12	118.49	16.72	RUN 5	-1.42	100.19	4.94	20.98	119.5	16.7	166.7
6/4/2001 17:12	118.03	16.72	RUN 5	-1.42	100.19	4.94	20.98	119.1	16.7	166.1
6/4/2001 17:12	118.49	16.72	RUN 5	-1.42	100.19	4.94	20.98	119.5	16.7	166.7
6/4/2001 17:13	117.57	16.75	RUN 5	-1.42	100.19	4.94	20.98	118.6	16.7	166.7

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 17:13	116.66	16.78	RUN 5	-1.42	100.19	4.94	20.98	117.7	16.7	166.7
6/4/2001 17:13	117.11	16.78	RUN 5	-1.42	100.19	4.94	20.98	118.2	16.7	167.3
6/4/2001 17:13	117.34	16.75	RUN 5	-1.42	100.19	4.94	20.98	118.4	16.7	166.4
6/4/2001 17:14	116.88	16.78	RUN 5	-1.42	100.19	4.94	20.98	117.9	16.7	167.0
6/4/2001 17:14	115.74	16.82	RUN 5	-1.42	100.19	4.94	20.98	116.8	16.8	166.6
6/4/2001 17:14	115.74	16.82	RUN 5	-1.42	100.19	4.94	20.98	116.8	16.8	166.6
6/4/2001 17:14	115.74	16.82	RUN 5	-1.42	100.19	4.94	20.98	116.8	16.8	166.6
6/4/2001 17:15	115.97	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.0	16.8	166.9
6/4/2001 17:15	116.43	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.5	16.8	167.6
6/4/2001 17:15	117.11	16.78	RUN 5	-1.42	100.19	4.94	20.98	118.2	16.7	167.3
6/4/2001 17:15	116.66	16.78	RUN 5	-1.42	100.19	4.94	20.98	117.7	16.7	166.7
6/4/2001 17:16	115.51	16.82	RUN 5	-1.42	100.19	4.94	20.98	116.6	16.8	166.3
6/4/2001 17:16	115.51	16.85	RUN 5	-1.42	100.19	4.94	20.98	116.6	16.8	167.5
6/4/2001 17:16	115.74	16.85	RUN 5	-1.42	100.19	4.94	20.98	116.8	16.8	167.9
6/4/2001 17:16	115.05	16.85	RUN 5	-1.42	100.19	4.94	20.98	116.1	16.8	166.9
6/4/2001 17:17	116.43	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.5	16.8	167.6
6/4/2001 17:17	115.97	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.0	16.8	166.9
6/4/2001 17:17	116.43	16.82	RUN 5	-1.42	100.19	4.94	20.98	117.5	16.8	167.6
6/4/2001 17:17	116.43	16.78	RUN 5	-1.42	100.19	4.94	20.98	117.5	16.7	166.3
			RUN 5 Average					118.4	16.8	168.4
6/4/2001 17:18	117.34	16.75	STANDBY							
6/4/2001 17:18	117.34	16.75	STANDBY							
6/4/2001 17:18	115.97	16.82	STANDBY							
6/4/2001 17:18	117.34	16.75	STANDBY							
6/4/2001 17:19	116.88	16.75	STANDBY							
6/4/2001 17:19	116.43	16.78	STANDBY							
6/4/2001 17:19	106.13	12.15	STANDBY							
6/4/2001 17:19	99.96	12.99	STANDBY							
6/4/2001 17:20	100.41	19.70	STANDBY							
6/4/2001 17:20	100.64	20.73	STANDBY							
			STANDBY Average							
6/4/2001 17:20	101.10	20.95	101.3 NOX, 20.9 O2							
6/4/2001 17:20	101.10	20.98	101.3 NOX, 20.9 O2							
6/4/2001 17:21	101.10	21.01	101.3 NOX, 20.9 O2							
6/4/2001 17:21	101.33	21.05	101.3 NOX, 20.9 O2							
6/4/2001 17:21	100.87	21.01	101.3 NOX, 20.9 O2							
6/4/2001 17:21	100.64	20.98	101.3 NOX, 20.9 O2							
6/4/2001 17:22	100.87	20.98	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/4/2001 17:22	89.21	20.98	STANDBY							
6/4/2001 17:22	20.81	19.13	STANDBY							
6/4/2001 17:22	2.28	8.82	STANDBY							
6/4/2001 17:23	-0.92	5.82	STANDBY							
6/4/2001 17:23	-1.61	5.22	STANDBY							
6/4/2001 17:23	-1.61	5.06	STANDBY							
6/4/2001 17:23	-1.84	5.00	STANDBY							
			STANDBY Average							
6/4/2001 17:24	-1.84	4.94	ZERO NOX, 4.97 O2							
6/4/2001 17:24	-1.84	4.94	ZERO NOX, 4.97 O2							
6/4/2001 17:24	-1.84	4.94	ZERO NOX, 4.97 O2							
6/4/2001 17:24	-1.84	4.94	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/4/2001 17:25	2.97	5.16	STANDBY							
6/4/2001 17:25	67.93	11.30	STANDBY							
6/4/2001 17:25	110.71	15.81	STANDBY							
6/4/2001 17:25	116.88	16.53	STANDBY							
			STANDBY Average							
6/4/2001 17:26	116.43	16.72	RUN 6	-1.89	101.22	4.95	20.99	116.2	16.7	161.8
6/4/2001 17:26	115.97	16.82	RUN 6	-1.89	101.22	4.95	20.99	115.8	16.8	164.8
6/4/2001 17:26	116.66	16.82	RUN 6	-1.89	101.22	4.95	20.99	116.5	16.8	165.7
6/4/2001 17:26	115.51	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.3	16.8	165.3
6/4/2001 17:27	115.74	16.88	RUN 6	-1.89	101.22	4.95	20.99	115.6	16.8	167.0
6/4/2001 17:27	116.66	16.85	RUN 6	-1.89	101.22	4.95	20.99	116.5	16.8	167.0
6/4/2001 17:27	116.20	16.85	RUN 6	-1.89	101.22	4.95	20.99	116.0	16.8	166.3
6/4/2001 17:27	115.28	16.88	RUN 6	-1.89	101.22	4.95	20.99	115.1	16.8	166.3

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 17:28	116.43	16.85	RUN 6	-1.89	101.22	4.95	20.99	116.2	16.8	166.6
6/4/2001 17:28	115.05	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.9	16.8	166.0
6/4/2001 17:28	115.28	16.88	RUN 6	-1.89	101.22	4.95	20.99	115.1	16.8	166.3
6/4/2001 17:28	116.43	16.85	RUN 6	-1.89	101.22	4.95	20.99	116.2	16.8	166.6
6/4/2001 17:29	115.97	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.8	16.8	166.0
6/4/2001 17:29	115.74	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.6	16.8	165.7
6/4/2001 17:29	114.83	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	164.4
6/4/2001 17:29	115.51	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.3	16.8	165.3
6/4/2001 17:30	115.05	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.9	16.8	166.0
6/4/2001 17:30	115.05	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.9	16.8	166.0
6/4/2001 17:30	114.60	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.4	16.8	165.3
6/4/2001 17:30	114.60	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.4	16.8	165.3
6/4/2001 17:31	115.74	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.6	16.8	165.7
6/4/2001 17:31	115.97	16.82	RUN 6	-1.89	101.22	4.95	20.99	115.8	16.8	164.8
6/4/2001 17:31	115.51	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.3	16.8	165.3
6/4/2001 17:31	114.83	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	165.7
6/4/2001 17:32	115.05	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.9	16.8	166.0
6/4/2001 17:32	115.28	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.1	16.8	165.0
6/4/2001 17:32	114.85	16.89	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	166.3
6/4/2001 17:32	115.05	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.9	16.8	166.0
6/4/2001 17:33	115.51	16.88	RUN 6	-1.89	101.22	4.95	20.99	115.3	16.8	166.6
6/4/2001 17:33	115.05	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.9	16.8	166.0
6/4/2001 17:33	115.74	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.6	16.8	165.7
6/4/2001 17:33	115.97	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.8	16.8	166.0
6/4/2001 17:34	115.97	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.8	16.8	166.0
6/4/2001 17:34	116.20	16.85	RUN 6	-1.89	101.22	4.95	20.99	116.0	16.8	166.3
6/4/2001 17:34	115.74	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.6	16.8	165.7
6/4/2001 17:34	115.28	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.1	16.8	165.0
6/4/2001 17:35	115.28	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.1	16.8	165.0
6/4/2001 17:35	114.83	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	165.7
6/4/2001 17:35	115.28	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.1	16.8	165.0
6/4/2001 17:35	116.43	16.82	RUN 6	-1.89	101.22	4.95	20.99	116.2	16.8	165.4
6/4/2001 17:36	115.51	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.3	16.8	165.3
6/4/2001 17:36	114.83	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	164.4
6/4/2001 17:36	114.60	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.4	16.8	165.3
6/4/2001 17:36	115.05	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.9	16.8	166.0
6/4/2001 17:37	114.83	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	165.7
6/4/2001 17:37	114.83	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	164.4
6/4/2001 17:37	115.51	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.3	16.8	165.3
6/4/2001 17:37	114.83	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	164.4
6/4/2001 17:38	114.83	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	165.7
6/4/2001 17:38	115.74	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.6	16.8	165.7
6/4/2001 17:38	115.51	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.3	16.8	165.3
6/4/2001 17:38	115.05	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.9	16.8	164.7
6/4/2001 17:39	115.05	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.9	16.8	164.7
6/4/2001 17:39	114.83	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	164.4
6/4/2001 17:39	114.37	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.2	16.8	163.7
6/4/2001 17:39	115.05	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.9	16.8	164.7
6/4/2001 17:40	114.60	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.4	16.8	165.3
6/4/2001 17:40	115.28	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.1	16.8	165.0
6/4/2001 17:40	114.60	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.4	16.8	164.1
6/4/2001 17:40	114.83	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	164.4
6/4/2001 17:41	114.83	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	164.4
6/4/2001 17:41	115.28	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.1	16.8	165.0
6/4/2001 17:41	115.28	16.82	RUN 6	-1.89	101.22	4.95	20.99	115.1	16.8	163.8
6/4/2001 17:41	115.05	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.9	16.8	164.7
6/4/2001 17:42	115.51	16.82	RUN 6	-1.89	101.22	4.95	20.99	115.3	16.8	164.1
6/4/2001 17:42	115.74	16.82	RUN 6	-1.89	101.22	4.95	20.99	115.6	16.8	164.4
6/4/2001 17:42	114.60	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.4	16.8	164.1
6/4/2001 17:42	114.83	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	164.4
6/4/2001 17:43	115.28	16.82	RUN 6	-1.89	101.22	4.95	20.99	115.1	16.8	163.8
6/4/2001 17:43	114.83	16.82	RUN 6	-1.89	101.22	4.95	20.99	114.7	16.8	163.2
6/4/2001 17:43	114.60	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.4	16.8	164.1
6/4/2001 17:43	114.37	16.85	RUN 6	-1.89	101.22	4.95	20.99	114.2	16.8	163.7
6/4/2001 17:44	114.60	16.88	RUN 6	-1.89	101.22	4.95	20.99	114.4	16.8	165.3

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 17:44	121.69	16.85	RUN 6	-1.89	101.22	4.95	20.99	121.4	16.8	174.0
6/4/2001 17:44	123.75	16.85	RUN 6	-1.89	101.22	4.95	20.99	123.4	16.8	176.9
6/4/2001 17:44	123.52	16.82	RUN 6	-1.89	101.22	4.95	20.99	123.2	16.8	175.3
6/4/2001 17:45	117.11	16.85	RUN 6	-1.89	101.22	4.95	20.99	116.9	16.8	167.6
6/4/2001 17:45	115.97	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.8	16.8	166.0
6/4/2001 17:45	115.51	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.3	16.8	165.3
6/4/2001 17:45	115.97	16.85	RUN 6	-1.89	101.22	4.95	20.99	115.8	16.8	166.0
6/4/2001 17:46	116.66	16.82	RUN 6	-1.89	101.22	4.95	20.99	116.5	16.8	165.7
6/4/2001 17:46	116.20	16.85	RUN 6	-1.89	101.22	4.95	20.99	116.0	16.8	166.3
6/4/2001 17:46	116.43	16.85	RUN 6	-1.89	101.22	4.95	20.99	116.2	16.8	166.6
6/4/2001 17:46	116.20	16.85	RUN 6	-1.89	101.22	4.95	20.99	116.0	16.8	166.3
			RUN 6 Average					115.5	16.8	165.7
6/4/2001 17:47	113.91	16.60	STANDBY							
6/4/2001 17:47	99.50	8.26	STANDBY							
6/4/2001 17:47	100.64	16.41	STANDBY							
6/4/2001 17:47	101.10	20.20	STANDBY							
6/4/2001 17:48	101.56	20.83	STANDBY							
			STANDBY Average							
6/4/2001 17:48	101.56	20.95	101.3 NOX, 20.9 O2							
6/4/2001 17:48	101.56	20.98	101.3 NOX, 20.9 O2							
6/4/2001 17:48	101.79	20.98	101.3 NOX, 20.9 O2							
6/4/2001 17:49	100.87	21.01	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/4/2001 17:49	43.91	18.88	STANDBY							
6/4/2001 17:49	0.22	8.67	STANDBY							
6/4/2001 17:49	-1.38	5.85	STANDBY							
6/4/2001 17:50	-1.61	5.25	STANDBY							
6/4/2001 17:50	-1.84	5.06	STANDBY							
6/4/2001 17:50	-1.84	5.00	STANDBY							
			STANDBY Average							
6/4/2001 17:50	-1.84	4.97	ZERO NOX, 4.97 O2							
6/4/2001 17:51	-1.84	4.94	ZERO NOX, 4.97 O2							
6/4/2001 17:51	-1.84	4.94	ZERO NOX, 4.97 O2							
6/4/2001 17:51	-2.07	4.94	ZERO NOX, 4.97 O2							
6/4/2001 17:51	-2.07	4.97	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/4/2001 17:52	-1.38	12.90	STANDBY							
6/4/2001 17:52	61.07	18.01	STANDBY							
6/4/2001 17:52	116.66	16.97	STANDBY							
6/4/2001 17:52	118.94	16.82	STANDBY							
			STANDBY Average							
6/4/2001 17:53	118.94	16.75	RUN 7	-1.74	100.98	4.95	20.97	119.0	16.7	167.4
6/4/2001 17:53	112.08	16.94	RUN 7	-1.74	100.98	4.95	20.97	112.2	16.9	165.3
6/4/2001 17:53	115.51	17.00	RUN 7	-1.74	100.98	4.95	20.97	115.6	17.0	172.9
6/4/2001 17:53	119.17	16.85	RUN 7	-1.74	100.98	4.95	20.97	119.2	16.8	171.6
6/4/2001 17:54	119.40	16.85	RUN 7	-1.74	100.98	4.95	20.97	119.5	16.8	171.9
6/4/2001 17:54	119.40	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.5	16.8	170.6
6/4/2001 17:54	119.40	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.5	16.8	170.6
6/4/2001 17:54	119.63	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.7	16.8	170.9
6/4/2001 17:55	118.94	16.85	RUN 7	-1.74	100.98	4.95	20.97	119.0	16.8	171.2
6/4/2001 17:55	119.17	16.85	RUN 7	-1.74	100.98	4.95	20.97	119.2	16.8	171.6
6/4/2001 17:55	119.17	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.2	16.8	170.3
6/4/2001 17:55	119.17	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.2	16.8	170.3
6/4/2001 17:56	119.17	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.2	16.8	170.3
6/4/2001 17:56	119.40	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.5	16.8	170.6
6/4/2001 17:56	119.63	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.7	16.8	170.9
6/4/2001 17:56	119.17	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.2	16.8	170.3
6/4/2001 17:57	117.57	16.85	RUN 7	-1.74	100.98	4.95	20.97	117.7	16.8	169.3
6/4/2001 17:57	118.03	16.85	RUN 7	-1.74	100.98	4.95	20.97	118.1	16.8	169.9
6/4/2001 17:57	118.26	16.85	RUN 7	-1.74	100.98	4.95	20.97	118.3	16.8	170.3
6/4/2001 17:57	118.49	16.85	RUN 7	-1.74	100.98	4.95	20.97	118.6	16.8	170.6
6/4/2001 17:58	118.10	16.86	RUN 7	-1.74	100.98	4.95	20.97	118.2	16.8	170.5
6/4/2001 17:58	118.71	16.82	RUN 7	-1.74	100.98	4.95	20.97	118.8	16.8	169.6
6/4/2001 17:58	118.94	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.0	16.8	170.0
6/4/2001 17:58	119.17	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.2	16.8	170.3

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 17:59	118.03	16.85	RUN 7	-1.74	100.98	4.95	20.97	118.1	16.8	169.9
6/4/2001 17:59	118.03	16.85	RUN 7	-1.74	100.98	4.95	20.97	118.1	16.8	169.9
6/4/2001 17:59	118.26	16.85	RUN 7	-1.74	100.98	4.95	20.97	118.3	16.8	170.3
6/4/2001 17:59	119.40	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.5	16.8	170.6
6/4/2001 18:00	119.40	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.5	16.7	169.3
6/4/2001 18:00	119.40	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.5	16.7	169.3
6/4/2001 18:00	118.94	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.0	16.7	168.7
6/4/2001 18:00	119.63	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.7	16.7	169.7
6/4/2001 18:01	120.09	16.75	RUN 7	-1.74	100.98	4.95	20.97	120.1	16.7	169.0
6/4/2001 18:01	119.86	16.75	RUN 7	-1.74	100.98	4.95	20.97	119.9	16.7	168.7
6/4/2001 18:01	119.17	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.2	16.7	169.0
6/4/2001 18:01	119.40	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.5	16.7	169.3
6/4/2001 18:02	119.86	16.75	RUN 7	-1.74	100.98	4.95	20.97	119.9	16.7	168.7
6/4/2001 18:02	120.09	16.75	RUN 7	-1.74	100.98	4.95	20.97	120.1	16.7	169.0
6/4/2001 18:02	119.17	16.75	RUN 7	-1.74	100.98	4.95	20.97	119.2	16.7	167.7
6/4/2001 18:02	118.49	16.78	RUN 7	-1.74	100.98	4.95	20.97	118.6	16.7	168.1
6/4/2001 18:03	118.71	16.78	RUN 7	-1.74	100.98	4.95	20.97	118.8	16.7	168.4
6/4/2001 18:03	118.94	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.0	16.7	168.7
6/4/2001 18:03	118.94	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.0	16.7	168.7
6/4/2001 18:03	118.71	16.78	RUN 7	-1.74	100.98	4.95	20.97	118.8	16.7	168.4
6/4/2001 18:04	119.17	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.2	16.7	169.0
6/4/2001 18:04	119.63	16.75	RUN 7	-1.74	100.98	4.95	20.97	119.7	16.7	168.4
6/4/2001 18:04	118.26	16.78	RUN 7	-1.74	100.98	4.95	20.97	118.3	16.7	167.7
6/4/2001 18:04	116.66	16.85	RUN 7	-1.74	100.98	4.95	20.97	116.8	16.8	168.0
6/4/2001 18:05	116.20	16.88	RUN 7	-1.74	100.98	4.95	20.97	116.3	16.8	168.6
6/4/2001 18:05	116.66	16.85	RUN 7	-1.74	100.98	4.95	20.97	116.8	16.8	168.0
6/4/2001 18:05	117.57	16.85	RUN 7	-1.74	100.98	4.95	20.97	117.7	16.8	169.3
6/4/2001 18:05	119.40	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.5	16.8	170.6
6/4/2001 18:06	119.63	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.7	16.8	170.9
6/4/2001 18:06	118.26	16.85	RUN 7	-1.74	100.98	4.95	20.97	118.3	16.8	170.3
6/4/2001 18:06	119.63	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.7	16.8	170.9
6/4/2001 16:06	120.09	16.78	RUN 7	-1.74	100.98	4.95	20.97	120.1	16.7	170.3
6/4/2001 18:07	119.86	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.9	16.7	170.0
6/4/2001 18:07	118.94	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.0	16.8	170.0
6/4/2001 18:07	118.49	16.82	RUN 7	-1.74	100.98	4.95	20.97	118.6	16.8	169.3
6/4/2001 18:07	118.26	16.82	RUN 7	-1.74	100.98	4.95	20.97	118.3	16.8	169.0
6/4/2001 18:08	117.34	16.85	RUN 7	-1.74	100.98	4.95	20.97	117.4	16.8	169.0
6/4/2001 18:08	117.80	16.85	RUN 7	-1.74	100.98	4.95	20.97	117.9	16.8	169.6
6/4/2001 18:08	117.80	16.82	RUN 7	-1.74	100.98	4.95	20.97	117.9	16.8	168.3
6/4/2001 18:08	116.43	16.88	RUN 7	-1.74	100.98	4.95	20.97	116.5	16.8	169.0
6/4/2001 18:09	117.11	16.88	RUN 7	-1.74	100.98	4.95	20.97	117.2	16.8	170.0
6/4/2001 18:09	117.80	16.85	RUN 7	-1.74	100.98	4.95	20.97	117.9	16.8	169.6
6/4/2001 18:09	119.17	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.2	16.8	170.3
6/4/2001 18:09	118.71	16.82	RUN 7	-1.74	100.98	4.95	20.97	118.8	16.8	169.6
6/4/2001 18:10	119.86	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.9	16.7	170.0
6/4/2001 18:10	119.40	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.5	16.7	169.3
6/4/2001 18:10	118.94	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.0	16.8	170.0
6/4/2001 18:10	120.09	16.78	RUN 7	-1.74	100.98	4.95	20.97	120.1	16.7	170.3
6/4/2001 18:11	119.86	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.9	16.7	170.0
6/4/2001 18:11	119.40	16.82	RUN 7	-1.74	100.98	4.95	20.97	119.5	16.8	170.6
6/4/2001 18:11	120.32	16.78	RUN 7	-1.74	100.98	4.95	20.97	120.4	16.7	170.6
6/4/2001 18:11	121.69	16.75	RUN 7	-1.74	100.98	4.95	20.97	121.7	16.7	171.2
6/4/2001 18:12	121.46	16.72	RUN 7	-1.74	100.98	4.95	20.97	121.5	16.7	169.7
6/4/2001 18:12	120.77	16.75	RUN 7	-1.74	100.98	4.95	20.97	120.8	16.7	170.0
6/4/2001 18:12	120.09	16.78	RUN 7	-1.74	100.98	4.95	20.97	120.1	16.7	170.3
6/4/2001 18:12	120.54	16.75	RUN 7	-1.74	100.98	4.95	20.97	120.6	16.7	169.6
6/4/2001 18:13	121.46	16.75	RUN 7	-1.74	100.98	4.95	20.97	121.5	16.7	170.9
6/4/2001 18:13	121.00	16.75	RUN 7	-1.74	100.98	4.95	20.97	121.0	16.7	170.3
6/4/2001 18:13	119.63	16.78	RUN 7	-1.74	100.98	4.95	20.97	119.7	16.7	169.7
6/4/2001 18:13	120.32	16.78	RUN 7	-1.74	100.98	4.95	20.97	120.4	16.7	170.6
			RUN 7 Average					119.0	16.8	169.7
6/4/2001 18:14	121.00	16.75	STANDBY							
6/4/2001 18:14	120.54	16.75	STANDBY							
6/4/2001 18:14	119.17	16.69	STANDBY							
6/4/2001 18:14	113.00	18.57	STANDBY							

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 18:15	59.93	20.45	STANDBY							
6/4/2001 18:15	38.65	20.83	STANDBY							
6/4/2001 18:15	86.23	20.92	STANDBY							
6/4/2001 18:15	97.67	20.95	STANDBY							
6/4/2001 18:16	99.73	20.95	STANDBY							
			STANDBY Average							
6/4/2001 18:16	100.19	20.95	101.3 NOX, 20.9 O2							
6/4/2001 18:16	100.41	20.95	101.3 NOX, 20.9 O2							
6/4/2001 18:16	100.41	20.95	101.3 NOX, 20.9 O2							
6/4/2001 18:17	100.64	20.95	101.3 NOX, 20.9 O2							
6/4/2001 18:17	100.87	20.95	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/4/2001 18:17	50.32	16.72	STANDBY							
6/4/2001 18:17	6.63	7.67	STANDBY							
6/4/2001 18:18	-0.24	5.66	STANDBY							
6/4/2001 18:18	-1.38	5.19	STANDBY							
6/4/2001 18:18	-1.84	5.03	STANDBY							
6/4/2001 18:18	-1.84	5.00	STANDBY							
			STANDBY Average							
6/4/2001 18:19	-1.84	4.94	ZERO NOX, 4.97 O2							
6/4/2001 18:19	-1.84	4.94	ZERO NOX, 4.97 O2							
6/4/2001 18:19	-1.84	4.94	ZERO NOX, 4.97 O2							
6/4/2001 18:19	-0.69	4.94	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/4/2001 18:20	76.40	9.58	STANDBY							
6/4/2001 18:20	118.26	15.09	STANDBY							
6/4/2001 18:20	120.54	16.35	STANDBY							
6/4/2001 18:20	119.63	16.69	STANDBY							
6/4/2001 18:21	120.09	16.78	STANDBY							
6/4/2001 18:21	120.77	16.78	STANDBY							
6/4/2001 18:21	121.00	16.78	STANDBY							
6/4/2001 18:21	121.23	16.78	STANDBY							
			STANDBY Average							
6/4/2001 18:22	122.15	16.72	RUN 8	-1.81	100.54	4.94	20.91	122.7	16.7	173.2
6/4/2001 18:22	122.37	16.72	RUN 8	-1.81	100.54	4.94	20.91	122.9	16.7	173.5
6/4/2001 18:22	122.37	16.72	RUN 8	-1.81	100.54	4.94	20.91	122.9	16.7	173.5
6/4/2001 18:22	122.15	16.72	RUN 8	-1.81	100.54	4.94	20.91	122.7	16.7	173.2
6/4/2001 18:23	121.00	16.75	RUN 8	-1.81	100.54	4.94	20.91	121.6	16.8	172.9
6/4/2001 18:23	121.46	16.75	RUN 8	-1.81	100.54	4.94	20.91	122.0	16.8	173.6
6/4/2001 18:23	121.69	16.75	RUN 8	-1.81	100.54	4.94	20.91	122.2	16.8	173.9
6/4/2001 18:23	120.77	16.75	RUN 8	-1.81	100.54	4.94	20.91	121.3	16.8	172.6
6/4/2001 18:24	120.54	16.78	RUN 8	-1.81	100.54	4.94	20.91	121.1	16.8	173.6
6/4/2001 18:24	119.86	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.4	16.8	172.6
6/4/2001 18:24	119.86	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.4	16.8	172.6
6/4/2001 18:24	119.40	16.82	RUN 8	-1.81	100.54	4.94	20.91	120.0	16.8	173.3
6/4/2001 18:25	119.86	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.4	16.8	172.6
6/4/2001 18:25	120.54	16.78	RUN 8	-1.81	100.54	4.94	20.91	121.1	16.8	173.6
6/4/2001 18:25	121.46	16.75	RUN 8	-1.81	100.54	4.94	20.91	122.0	16.8	173.6
6/4/2001 18:25	121.00	16.75	RUN 8	-1.81	100.54	4.94	20.91	121.6	16.8	172.9
6/4/2001 18:26	120.32	16.75	RUN 8	-1.81	100.54	4.94	20.91	120.9	16.8	171.9
6/4/2001 18:26	120.54	16.75	RUN 8	-1.81	100.54	4.94	20.91	121.1	16.8	172.3
6/4/2001 18:26	120.09	16.75	RUN 8	-1.81	100.54	4.94	20.91	120.6	16.8	171.6
6/4/2001 18:26	120.09	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.6	16.8	173.0
6/4/2001 18:27	120.09	16.75	RUN 8	-1.81	100.54	4.94	20.91	120.6	16.8	171.6
6/4/2001 18:27	119.17	16.82	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	173.0
6/4/2001 18:27	119.17	16.82	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	173.0
6/4/2001 18:27	119.40	16.82	RUN 8	-1.81	100.54	4.94	20.91	120.0	16.8	173.3
6/4/2001 18:28	120.09	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.6	16.8	173.0
6/4/2001 18:28	118.94	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.5	16.8	171.3
6/4/2001 18:28	118.71	16.82	RUN 8	-1.81	100.54	4.94	20.91	119.3	16.8	172.3
6/4/2001 18:28	118.71	16.82	RUN 8	-1.81	100.54	4.94	20.91	119.3	16.8	172.3
6/4/2001 18:29	119.17	16.82	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	173.0
6/4/2001 18:29	119.86	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.4	16.8	172.6
6/4/2001 18:29	119.63	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.2	16.8	172.3
6/4/2001 18:29	119.86	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.4	16.8	172.6

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 18:30	119.17	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	171.7
6/4/2001 18:30	119.40	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.0	16.8	172.0
6/4/2001 18:30	118.94	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.5	16.8	171.3
6/4/2001 18:30	119.17	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	171.7
6/4/2001 18:31	118.94	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.5	16.8	171.3
6/4/2001 18:31	118.71	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.3	16.8	171.0
6/4/2001 18:31	118.94	16.82	RUN 8	-1.81	100.54	4.94	20.91	119.5	16.8	172.6
6/4/2001 18:31	119.40	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.0	16.8	172.0
6/4/2001 18:32	119.40	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.0	16.8	172.0
6/4/2001 18:32	120.09	16.75	RUN 8	-1.81	100.54	4.94	20.91	120.6	16.8	171.6
6/4/2001 18:32	120.77	16.72	RUN 8	-1.81	100.54	4.94	20.91	121.3	16.7	171.3
6/4/2001 18:32	119.40	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.0	16.8	172.0
6/4/2001 18:33	119.17	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	171.7
6/4/2001 18:33	119.63	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.2	16.8	172.3
6/4/2001 18:33	119.40	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.0	16.8	172.0
6/4/2001 18:33	119.17	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	171.7
6/4/2001 18:34	119.17	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	171.7
6/4/2001 18:34	119.17	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	171.7
6/4/2001 18:34	119.63	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.2	16.8	172.3
6/4/2001 16:34	119.40	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.0	16.8	172.0
6/4/2001 18:35	118.94	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.5	16.8	171.3
6/4/2001 18:35	118.94	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.5	16.8	171.3
6/4/2001 18:35	119.63	16.75	RUN 8	-1.81	100.54	4.94	20.91	120.2	16.8	171.0
6/4/2001 18:35	119.40	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.0	16.8	172.0
6/4/2001 18:36	119.17	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	171.7
6/4/2001 18:36	118.49	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.1	16.8	170.7
6/4/2001 18:36	118.49	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.1	16.8	170.7
6/4/2001 18:36	119.40	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.0	16.8	172.0
6/4/2001 18:37	118.71	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.3	16.8	171.0
6/4/2001 18:37	118.94	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.5	16.8	171.3
6/4/2001 18:37	119.63	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.2	16.8	172.3
6/4/2001 18:37	120.32	16.72	RUN 8	-1.81	100.54	4.94	20.91	120.9	16.7	170.7
6/4/2001 18:38	119.63	16.75	RUN 8	-1.81	100.54	4.94	20.91	120.2	16.8	171.0
6/4/2001 18:38	119.17	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	171.7
6/4/2001 18:38	119.17	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	171.7
6/4/2001 18:38	118.71	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.3	16.8	171.0
6/4/2001 18:39	118.71	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.3	16.8	171.0
6/4/2001 18:39	119.17	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.7	16.8	171.7
6/4/2001 18:39	119.63	16.75	RUN 8	-1.81	100.54	4.94	20.91	120.2	16.8	171.0
6/4/2001 18:39	118.49	16.78	RUN 8	-1.81	100.54	4.94	20.91	119.1	16.8	170.7
6/4/2001 18:40	119.63	16.78	RUN 8	-1.81	100.54	4.94	20.91	120.2	16.8	172.3
6/4/2001 18:40	119.40	16.75	RUN 8	-1.81	100.54	4.94	20.91	120.0	16.8	170.7
6/4/2001 18:40	120.32	16.72	RUN 8	-1.81	100.54	4.94	20.91	120.9	16.7	170.7
6/4/2001 18:40	120.09	16.72	RUN 8	-1.81	100.54	4.94	20.91	120.6	16.7	170.3
6/4/2001 18:41	119.86	16.75	RUN 8	-1.81	100.54	4.94	20.91	120.4	16.8	171.3
6/4/2001 18:41	120.54	16.72	RUN 8	-1.81	100.54	4.94	20.91	121.1	16.7	171.0
6/4/2001 18:41	120.54	16.72	RUN 8	-1.81	100.54	4.94	20.91	121.1	16.7	171.0
6/4/2001 18:41	120.54	16.72	RUN 8	-1.81	100.54	4.94	20.91	121.1	16.7	171.0
6/4/2001 18:42	120.32	16.72	RUN 8	-1.81	100.54	4.94	20.91	120.9	16.7	170.7
6/4/2001 18:42	120.32	16.72	RUN 8	-1.81	100.54	4.94	20.91	120.9	16.7	170.7
6/4/2001 18:42	120.25	16.72	RUN 8	-1.81	100.54	4.94	20.91	120.8	16.7	170.6
			RUN 8 Average					120.3	16.8	171.9
6/4/2001 18:42	101.10	16.97	STANDBY							
6/4/2001 18:43	99.96	20.14	STANDBY							
6/4/2001 18:43	100.19	20.70	STANDBY							
			STANDBY Average							
6/4/2001 18:43	100.41	20.83	101.3 NOX, 20.9 O2							
6/4/2001 18:43	100.64	20.89	101.3 NOX, 20.9 O2							
6/4/2001 18:44	100.64	20.89	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/4/2001 18:44	85.77	20.89	STANDBY							
6/4/2001 18:44	17.15	16.63	STANDBY							
6/4/2001 18:44	1.37	7.73	STANDBY							
6/4/2001 18:45	-1.15	5.69	STANDBY							
6/4/2001 18:45	1.61	5.19	STANDBY							

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 18:45	-1.84	5.03	STANDBY							
			STANDBY Average							
6/4/2001 18:45	-2.07	4.97	ZERO NOX, 4.97 O2							
6/4/2001 18:46	-2.07	4.94	ZERO NOX, 4.97 O2							
6/4/2001 18:46	-2.07	4.91	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/4/2001 18:46	38.88	6.91	STANDBY							
6/4/2001 18:46	107.96	14.40	STANDBY							
6/4/2001 18:47	118.71	16.16	STANDBY							
6/4/2001 18:47	119.63	16.53	STANDBY							
6/4/2001 18:47	118.71	16.69	STANDBY							
6/4/2001 18:47	118.94	16.72	STANDBY							
			STANDBY Average							
6/4/2001 18:48	**118.49**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.9**	**16.9**	**174.6**
6/4/2001 18:48	**118.94**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**119.3**	**16.9**	**175.3**
6/4/2001 18:48	**118.26**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.6**	**16.9**	**174.3**
6/4/2001 18:48	**118.03**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.4**	**16.9**	**174.0**
6/4/2001 18:49	**117.80**	**16.82**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.2**	**16.9**	**175.0**
6/4/2001 18:49	**117.57**	**16.82**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.0**	**16.9**	**174.6**
6/4/2001 18:49	**118.03**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.4**	**16.9**	**174.0**
6/4/2001 18:49	**118.26**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.6**	**16.9**	**174.3**
6/4/2001 18:50	**117.80**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.2**	**16.9**	**173.6**
6/4/2001 18:50	**118.03**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.4**	**16.9**	**174.0**
6/4/2001 18:50	**118.03**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.4**	**16.9**	**174.0**
6/4/2001 18:50	**118.03**	**16.75**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.4**	**16.9**	**172.6**
6/4/2001 18:51	**117.80**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.2**	**16.9**	**173.6**
6/4/2001 18:51	**117.34**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**117.7**	**16.9**	**173.0**
6/4/2001 18:51	**117.80**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.2**	**16.9**	**173.6**
6/4/2001 18:51	**117.80**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.2**	**16.9**	**173.6**
6/4/2001 18:52	**118.26**	**16.75**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.6**	**16.9**	**172.9**
6/4/2001 18:52	**117.80**	**16.75**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.2**	**16.9**	**172.2**
6/4/2001 18:52	**116.66**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**117.1**	**16.9**	**172.0**
6/4/2001 18:52	**116.66**	**16.82**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**117.1**	**16.9**	**173.3**
6/4/2001 18:53	**117.11**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**117.5**	**16.9**	**172.6**
6/4/2001 18:53	**117.57**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.0**	**16.9**	**173.3**
6/4/2001 18:53	**117.34**	**16.78**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**117.7**	**16.9**	**173.0**
6/4/2001 18:53	**118.49**	**16.72**	**RUN 9**	**-1.96**	**100.69**	**4.93**	**20.78**	**118.9**	**16.8**	**171.9**
6/4/2001 18:54	118.26	16.75	RUN 9	-1.96	100.69	4.93	20.78	118.6	16.9	172.9
6/4/2001 18:54	118.03	16.75	RUN 9	-1.96	100.69	4.93	20.78	118.4	16.9	172.6
6/4/2001 18:54	118.03	16.75	RUN 9	-1.96	100.69	4.93	20.78	118.4	16.9	172.6
6/4/2001 18:54	117.80	16.75	RUN 9	-1.96	100.69	4.93	20.78	118.2	16.9	172.2
6/4/2001 18:55	118.09	16.75	RUN 9	-1.96	100.69	4.93	20.78	118.5	16.8	172.5
6/4/2001 18:55	118.26	16.75	RUN 9	-1.96	100.69	4.93	20.78	118.6	16.9	172.9
6/4/2001 18:55	119.40	16.72	RUN 9	-1.96	100.69	4.93	20.78	119.8	16.8	173.2
6/4/2001 18:55	119.63	16.72	RUN 9	-1.96	100.69	4.93	20.78	120.0	16.8	173.5
6/4/2001 18:56	119.17	16.72	RUN 9	-1.96	100.69	4.93	20.78	119.5	16.8	172.9
6/4/2001 18:56	117.57	16.75	RUN 9	-1.96	100.69	4.93	20.78	118.0	16.9	171.9
6/4/2001 18:56	119.17	16.72	RUN 9	-1.96	100.69	4.93	20.78	119.5	16.8	172.9
6/4/2001 18:56	119.63	16.69	RUN 9	-1.96	100.69	4.93	20.78	120.0	16.8	172.2
6/4/2001 18:57	119.17	16.72	RUN 9	-1.96	100.69	4.93	20.78	119.5	16.8	172.9
6/4/2001 18:57	118.71	16.72	RUN 9	-1.96	100.69	4.93	20.78	119.1	16.8	172.2
6/4/2001 18:57	119.17	16.72	RUN 9	-1.96	100.69	4.93	20.78	119.5	16.8	172.9
6/4/2001 18:57	118.49	16.72	RUN 9	-1.96	100.69	4.93	20.78	118.9	16.8	171.9
6/4/2001 18:58	118.94	16.72	RUN 9	-1.96	100.69	4.93	20.78	119.3	16.8	172.6
6/4/2001 18:58	118.94	16.72	RUN 9	-1.96	100.69	4.93	20.78	119.3	16.8	172.6
6/4/2001 18:58	120.09	16.69	RUN 9	-1.96	100.69	4.93	20.78	120.4	16.8	172.9
6/4/2001 18:58	119.17	16.69	RUN 9	-1.96	100.69	4.93	20.78	119.5	16.8	171.6
6/4/2001 18:59	119.86	16.66	RUN 9	-1.96	100.69	4.93	20.78	120.2	16.8	171.2
6/4/2001 18:59	118.49	16.72	RUN 9	-1.96	100.69	4.93	20.78	118.9	16.8	171.9
6/4/2001 18:59	117.80	16.72	RUN 9	-1.96	100.69	4.93	20.78	118.2	16.8	170.9
6/4/2001 18:59	117.57	16.72	RUN 9	-1.96	100.69	4.93	20.78	118.0	16.8	170.6
6/4/2001 19:00	118.03	16.72	RUN 9	-1.96	100.69	4.93	20.78	118.4	16.8	171.3
6/4/2001 19:00	118.49	16.69	RUN 9	-1.96	100.69	4.93	20.78	118.9	16.8	170.6
6/4/2001 19:00	119.40	16.66	RUN 9	-1.96	100.69	4.93	20.78	119.8	16.8	170.6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 19:01	118.49	16.69	RUN 9	-1.96	100.69	4.93	20.78	118.9	16.8	170.6
6/4/2001 19:01	118.94	16.66	RUN 9	-1.96	100.69	4.93	20.78	119.3	16.8	169.9
6/4/2001 19:01	117.80	16.69	RUN 9	-1.96	100.69	4.93	20.78	118.2	16.8	169.6
6/4/2001 19:01	116.88	16.72	RUN 9	-1.96	100.69	4.93	20.78	117.3	16.8	169.6
6/4/2001 19:02	117.57	16.72	RUN 9	-1.96	100.69	4.93	20.78	118.0	16.8	170.6
6/4/2001 19:02	118.26	16.69	RUN 9	-1.96	100.69	4.93	20.78	118.6	16.8	170.3
6/4/2001 19:02	118.94	16.66	RUN 9	-1.96	100.69	4.93	20.78	119.3	16.8	169.9
6/4/2001 19:02	118.71	16.66	RUN 9	-1.96	100.69	4.93	20.78	119.1	16.8	169.6
6/4/2001 19:03	118.94	16.66	RUN 9	-1.96	100.69	4.93	20.78	119.3	16.8	169.9
6/4/2001 19:03	117.34	16.69	RUN 9	-1.96	100.69	4.93	20.78	117.7	16.8	169.0
6/4/2001 19:03	117.57	16.69	RUN 9	-1.96	100.69	4.93	20.78	118.0	16.8	169.3
6/4/2001 19:03	118.03	16.69	RUN 9	-1.96	100.69	4.93	20.78	118.4	16.8	170.0
6/4/2001 19:04	117.80	16.69	RUN 9	-1.96	100.69	4.93	20.78	118.2	16.8	169.6
6/4/2001 19:04	117.57	16.69	RUN 9	-1.96	100.69	4.93	20.78	118.0	16.8	169.3
6/4/2001 19:04	118.26	16.66	RUN 9	-1.96	100.69	4.93	20.78	118.6	16.8	169.0
6/4/2001 19:04	119.63	16.63	RUN 9	-1.96	100.69	4.93	20.78	120.0	16.7	169.6
6/4/2001 19:05	118.71	16.63	RUN 9	-1.96	100.69	4.93	20.78	119.1	16.7	168.3
6/4/2001 19:05	118.26	16.66	RUN 9	-1.96	100.69	4.93	20.78	118.6	16.8	169.0
6/4/2001 19:05	117.80	16.69	RUN 9	-1.96	100.69	4.93	20.78	118.2	16.8	169.6
6/4/2001 19:05	117.80	16.69	RUN 9	-1.96	100.69	4.93	20.78	118.2	16.8	169.6
6/4/2001 19:06	117.80	16.66	RUN 9	-1.96	100.69	4.93	20.78	118.2	16.8	168.3
6/4/2001 19:06	117.11	16.69	RUN 9	-1.96	100.69	4.93	20.78	117.5	16.8	168.7
6/4/2001 19:06	117.11	16.69	RUN 9	-1.96	100.69	4.93	20.78	117.5	16.8	168.7
6/4/2001 19:06	118.26	16.69	RUN 9	-1.96	100.69	4.93	20.78	118.6	16.8	170.3
6/4/2001 19:07	118.94	16.66	RUN 9	-1.96	100.69	4.93	20.78	119.3	16.8	169.9
6/4/2001 19:07	119.17	16.63	RUN 9	-1.96	100.69	4.93	20.78	119.5	16.7	169.0
6/4/2001 19:07	119.17	16.63	RUN 9	-1.96	100.69	4.93	20.78	119.5	16.7	169.0
6/4/2001 19:07	119.63	16.63	RUN 9	-1.96	100.69	4.93	20.78	120.0	16.7	169.6
6/4/2001 19:08	118.03	16.66	RUN 9	-1.96	100.69	4.93	20.78	118.4	16.8	168.6
6/4/2001 19:08	117.11	16.69	RUN 9	-1.96	100.69	4.93	20.78	117.5	16.8	168.7
6/4/2001 19:08	118.71	16.66	RUN 9	-1.96	100.69	4.93	20.78	119.1	16.8	169.6
6/4/2001 19:08	117.57	16.69	RUN 9	-1.96	100.69	4.93	20.78	118.0	16.8	169.3
			RUN 9 Average					118.6	16.8	171.5
6/4/2001 19:09	116.43	16.72	STANDBY							
6/4/2001 19:09	116.66	16.72	STANDBY							
6/4/2001 19:09	117.34	16.31	STANDBY							
6/4/2001 19:09	103.39	7.51	STANDBY							
			STANDBY Average							
6/4/2001 19:10	100.64	20.63	101.3 NOX, 20.9 O2							
6/4/2001 19:10	100.64	20.65	101.3 NOX, 20.9 O2							
6/4/2001 19:10	100.64	20.67	101.3 NOX, 20.9 O2							
6/4/2001 19:10	100.87	20.67	101.3 NOX, 20.9 O2							
6/4/2001 19:11	100.87	20.73	101.3 NOX, 20.9 O2							
6/4/2001 19:11	101.10	20.73	101.3 NOX, 20.9 O2							
6/4/2001 19:11	100.87	20.73	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/4/2001 19:11	71.82	20.64	STANDBY							
6/4/2001 19:12	13.72	12.46	STANDBY							
6/4/2001 19:12	0.91	6.63	STANDBY							
6/4/2001 19:12	-1.38	5.41	STANDBY							
6/4/2001 19:12	-1.61	5.10	STANDBY							
			STANDBY Average							
6/4/2001 19:13	-1.84	4.97	ZERO NOX, 4.97 O2							
6/4/2001 19:13	-1.84	4.91	ZERO NOX, 4.97 O2							
6/4/2001 19:13	-1.84	4.91	ZERO NOX, 4.97 O2							
6/4/2001 19:13	-1.84	4.88	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/4/2001 19:14	15.32	4.75	END TEST							
6/4/2001 19:14	86.00	11.46	END TEST							
6/4/2001 19:14	50.32	17.29	END TEST							
6/4/2001 19:14	6.86	19.51	END TEST							
6/4/2001 19:15	9.60	18.57	END TEST							
6/4/2001 19:15	2.97	20.26	END TEST							
6/4/2001 19:15	0.91	20.67	END TEST							
6/4/2001 19:15	0.61	20.76	END TEST							

JEA KGS CT5 FOGGERS ON

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/4/2001 19:16	-0.46	20.80	END TEST							
6/4/2001 19:16	-0.92	20.83	END TEST							
6/4/2001 19:16	-1.15	20.80	END TEST							
6/4/2001 19:16	-1.15	20.80	END TEST							
6/4/2001 19:17	-1.15	20.80	END TEST							
6/4/2001 19:17	-1.15	20.80	END TEST							
6/4/2001 19:17	-1.15	20.80	END TEST							
6/4/2001 19:17	-1.15	20.80	END TEST							
6/4/2001 19:18	-1.15	20.80	END TEST							
6/4/2001 19:18	-1.38	20.80	END TEST							
6/4/2001 19:18	-1.61	20.80	END TEST							
6/4/2001 19:18	-1.61	20.80	END TEST							
6/4/2001 19:19	-1.61	20.76	END TEST							
6/4/2001 19:19	-1.61	20.76	END TEST							
6/4/2001 19:19	-0.92	20.73	END TEST							
6/4/2001 19:19	-1.15	20.73	END TEST							
6/4/2001 19:20	-1.15	20.73	END TEST							
6/4/2001 19:20	-0.01	20.73	END TEST							
6/4/2001 19:20	0.22	20.73	END TEST							
6/4/2001 19:20	-0.01	20.73	END TEST							
6/4/2001 19:21	-0.01	20.70	END TEST							
6/4/2001 19:21	-0.01	20.70	END TEST							
6/4/2001 19:21	-0.01	20.70	END TEST							
6/4/2001 19:21	-0.01	20.70	END TEST							
6/4/2001 19:22	-0.01	20.70	END TEST							
6/4/2001 19:22	-0.01	20.67	END TEST							
6/4/2001 19:22	-0.01	20.67	END TEST							
6/4/2001 19:22	-0.01	20.67	END TEST							
6/4/2001 19:23	-0.01	20.67	END TEST							
6/4/2001 19:23	-0.01	20.67	END TEST							
6/4/2001 19:23	-0.01	20.67	END TEST							
6/4/2001 19:23	-0.01	20.67	END TEST							
6/4/2001 19:24	-0.01	20.67	END TEST							
6/4/2001 19:24	-0.01	20.67	END TEST							
6/4/2001 19:24	-0.01	20.67	END TEST							
6/4/2001 19:24	-0.01	20.67	END TEST							
6/4/2001 19:25	-0.01	20.67	END TEST							
6/4/2001 19:25	-0.01	20.67	END TEST							
6/4/2001 19:25	-0.01	20.67	END TEST							
6/4/2001 19:25	-0.01	20.70	END TEST							
6/4/2001 19:26	-0.01	20.70	END TEST							
6/4/2001 19:26	-0.01	20.70	END TEST							
6/4/2001 19:26	-0.01	20.70	END TEST							
6/4/2001 19:26	-0.01	20.70	END TEST							
6/4/2001 19:27	-0.01	20.70	END TEST							
6/4/2001 19:27	-0.01	20.73	END TEST							
6/4/2001 19:27	-0.01	20.73	END TEST							
6/4/2001 19:27	-0.01	20.73	END TEST							
6/4/2001 19:28	-0.01	20.70	END TEST							
6/4/2001 19:28	-0.01	20.70	END TEST							
6/4/2001 19:28	-0.01	20.70	END TEST							
6/4/2001 19:28	-0.01	20.70	END TEST							
6/4/2001 19:29	-0.01	20.70	END TEST							
6/4/2001 19:29	-0.01	20.70	END TEST							
6/4/2001 19:29	-0.01	20.70	END TEST							
6/4/2001 19:29	-0.01	20.70	END TEST							
6/4/2001 19:30	-0.01	20.67	END TEST							
6/4/2001 19:30	-0.01	20.67	END TEST							
6/4/2001 19:30	-0.01	20.67	END TEST							
6/4/2001 19:30	-0.01	20.67	END TEST							

JEA - KGS CT5 FOGGERS OFF

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 12:10	0.64	20.80	STANDBY							
6/5/2001 12:10	0.64	20.83	STANDBY							
6/5/2001 12:10	0.64	20.83	STANDBY							
6/5/2001 12:10	0.64	20.83	STANDBY							
6/5/2001 12:11	0.64	20.83	STANDBY							
6/5/2001 12:11	0.64	20.83	STANDBY							
6/5/2001 12:11	0.64	20.83	STANDBY							
6/5/2001 12:11	0.64	20.83	STANDBY							
6/5/2001 12:12	0.64	20.83	STANDBY							
6/5/2001 12:12	0.64	20.83	STANDBY							
6/5/2001 12:12	0.64	20.83	STANDBY							
6/5/2001 12:12	0.64	20.83	STANDBY							
6/5/2001 12:13	0.64	20.83	STANDBY							
6/5/2001 12:13	0.64	20.80	STANDBY							
6/5/2001 12:13	0.64	20.80	STANDBY							
6/5/2001 12:13	0.64	20.80	STANDBY							
6/5/2001 12:14	0.64	20.80	STANDBY							
6/5/2001 12:14	0.64	20.80	STANDBY							
6/5/2001 12:14	0.64	20.76	STANDBY							
6/5/2001 12:14	0.64	20.76	STANDBY							
6/5/2001 12:15	0.64	20.76	STANDBY							
6/5/2001 12:15	0.64	20.76	STANDBY							
6/5/2001 12:15	0.64	20.73	STANDBY							
6/5/2001 12:15	0.64	20.73	STANDBY							
6/5/2001 12:16	0.64	20.73	STANDBY							
6/5/2001 12:16	0.64	20.73	STANDBY							
6/5/2001 12:16	0.64	20.73	STANDBY							
6/5/2001 12:16	0.64	20.73	STANDBY							
6/5/2001 12:17	0.64	20.73	STANDBY							
6/5/2001 12:17	0.64	20.73	STANDBY							
6/5/2001 12:17	0.64	20.73	STANDBY							
6/5/2001 12:17	0.64	20.70	STANDBY							
6/5/2001 12:18	0.64	20.73	STANDBY							
6/5/2001 12:18	0.64	20.73	STANDBY							
6/5/2001 12:18	0.64	20.73	STANDBY							
6/5/2001 12:18	0.64	20.73	STANDBY							
6/5/2001 12:19	0.64	20.73	STANDBY							
6/5/2001 12:19	0.64	20.73	STANDBY							
6/5/2001 12:19	0.64	20.73	STANDBY							
6/5/2001 12:19	0.67	20.76	STANDBY							
6/5/2001 12:20	0.64	20.76	STANDBY							
6/5/2001 12:20	0.17	20.76	STANDBY							
6/5/2001 12:20	0.17	20.80	STANDBY							
6/5/2001 12:20	0.17	20.80	STANDBY							
6/5/2001 12:21	0.41	20.80	STANDBY							
6/5/2001 12:21	0.87	20.80	STANDBY							
6/5/2001 12:21	0.87	20.80	STANDBY							
6/5/2001 12:21	0.64	20.89	STANDBY							
6/5/2001 12:22	2.97	20.86	STANDBY							
6/5/2001 12:22	0.64	20.98	STANDBY							
6/5/2001 12:22	0.41	21.05	STANDBY							
6/5/2001 12:22	0.41	21.05	STANDBY							
6/5/2001 12:23	0.41	21.05	STANDBY							
6/5/2001 12:23	0.17	21.08	STANDBY							
6/5/2001 12:23	-0.06	21.08	STANDBY							
6/5/2001 12:23	-0.06	21.08	STANDBY							
6/5/2001 12:24	-0.06	21.08	STANDBY							
6/5/2001 12:24	-0.06	21.08	STANDBY							
6/5/2001 12:24	-0.06	21.08	STANDBY							
6/5/2001 12:24	-0.06	21.05	STANDBY							
6/5/2001 12:25	-0.06	21.05	STANDBY							
6/5/2001 12:25	-0.53	21.08	STANDBY							
6/5/2001 12:25	-0.99	21.08	STANDBY							
6/5/2001 12:25	-0.99	21.05	STANDBY							
6/5/2001 12:26	-0.99	21.08	STANDBY							
6/5/2001 12:26	-0.99	21.08	STANDBY							
6/5/2001 12:26	-0.76	21.08	STANDBY							
6/5/2001 12:26	-0.53	21.05	STANDBY							
6/5/2001 12:27	-0.53	21.08	STANDBY							
6/5/2001 12:27	-0.53	21.08	STANDBY							
6/5/2001 12:27	-0.53	21.08	STANDBY							
6/5/2001 12:27	-0.53	21.08	STANDBY							
6/5/2001 12:28	-0.53	21.08	STANDBY							
6/5/2001 12:28	-0.29	21.11	STANDBY							
6/5/2001 12:28	-0.17	21.11	STANDBY							
6/5/2001 12:28	-0.17	21.11	STANDBY							
6/5/2001 12:29	-0.29	21.08	STANDBY							
6/5/2001 12:29	-0.76	21.08	STANDBY							
6/5/2001 12:29	-0.76	21.11	STANDBY							
6/5/2001 12:29	-1.22	20.98	STANDBY							
6/5/2001 12:30	-1.46	21.08	STANDBY							
6/5/2001 12:30	-0.41	21.11	STANDBY							
6/5/2001 12:30	-1.57	21.08	STANDBY							
6/5/2001 12:30	-0.76	21.11	STANDBY							
6/5/2001 12:31	-1.22	21.08	STANDBY							
6/5/2001 12:31	-1.46	21.11	STANDBY							
6/5/2001 12:31	-1.46	21.08	STANDBY							
6/5/2001 12:31	-0.99	21.11	STANDBY							

DATA RECORDER PRINTOUTS WITH FOGGERS OFF

JEA - KGS CT5 FOGGERS OFF

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 12:32	-0.76	4.91	ZERO NOX, 4.97 O2							
6/5/2001 12:32	-1.22	4.91	ZERO NOX, 4.97 O2							
6/5/2001 12:32	-1.46	4.88	ZERO NOX, 4.97 O2							
6/5/2001 12:32	-1.46	4.88	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/5/2001 12:33	-1.22	5.25	STANDBY							
6/5/2001 12:33	-0.99	8.98	STANDBY							
6/5/2001 12:33	-1.46	11.21	STANDBY							
6/5/2001 12:33	-1.46	11.71	STANDBY							
6/5/2001 12:34	-1.46	11.86	STANDBY							
			STANDBY Average							
6/5/2001 12:34	-1.46	11.93	ZERO NOX, 11.9 O2							
6/5/2001 12:34	-1.46	11.93	ZERO NOX, 11.9 O2							
6/5/2001 12:34	-0.99	11.93	ZERO NOX, 11.9 O2							
			ZERO NOX, 11.9 O2 Average							
6/5/2001 12:35	-0.29	12.77	STANDBY							
6/5/2001 12:35	16.94	18.35	STANDBY							
6/5/2001 12:35	117.53	20.23	STANDBY							
6/5/2001 12:35	182.26	20.61	STANDBY							
6/5/2001 12:36	195.30	20.70	STANDBY							
6/5/2001 12:36	197.63	20.73	STANDBY							
6/5/2001 12:36	198.09	20.73	STANDBY							
6/5/2001 12:36	198.56	20.73	STANDBY							
6/5/2001 12:37	198.56	20.73	STANDBY							
			STANDBY Average							
6/5/2001 12:37	198.56	20.76	**200.4 NOX, 20.9 O2**							
6/5/2001 12:37	198.56	20.76	**200.4 NOX, 20.9 O2**							
6/5/2001 12:37	198.79	20.76	**200.4 NOX, 20.9 O2**							
6/5/2001 12:38	198.79	20.83	**200.4 NOX, 20.9 O2**							
6/5/2001 12:38	199.26	20.89	**200.4 NOX, 20.9 O2**							
6/5/2001 12:38	199.02	20.86	**200.4 NOX, 20.9 O2**							
			200.4 NOX, 20.9 O2 Average							
6/5/2001 12:38	185.29	20.89	**STANDBY**							
6/5/2001 12:39	125.68	20.89	**STANDBY**							
6/5/2001 12:39	105.19	20.86	**STANDBY**							
			STANDBY Average							
6/5/2001 12:39	101.15	20.86	**101.3 NOX, 20.9 O2**							
6/5/2001 12:39	101.32	20.86	**101.3 NOX, 20.9 O2**							
6/5/2001 12:40	101.59	20.85	**101.3 NOX, 20.9 O2**							
6/5/2001 12:40	101.46	20.89	**101.3 NOX, 20.9 O2**							
6/5/2001 12:40	101.93	20.89	**101.3 NOX, 20.9 O2**							
			101.3 NOX, 20.9 O2 Average							
6/5/2001 12:40	39.99	20.80	STANDBY							
6/5/2001 12:41	2.97	20.95	STANDBY							
6/5/2001 12:41	-5.42	-2.86	STANDBY							
6/5/2001 12:41	-0.06	21.14	STANDBY							
6/5/2001 12:41	-0.29	21.14	STANDBY							
6/5/2001 12:42	5.76	20.98	STANDBY							
6/5/2001 12:42	101.00	18.44	STANDBY							
6/5/2001 12:42	133.36	17.13	STANDBY							
6/5/2001 12:42	134.29	16.88	STANDBY							
6/5/2001 12:43	131.73	16.88	STANDBY							
6/5/2001 12:43	129.64	16.91	STANDBY							
6/5/2001 12:43	128.01	16.94	STANDBY							
6/5/2001 12:43	128.94	16.94	STANDBY							
6/5/2001 12:44	130.34	16.91	STANDBY							
6/5/2001 12:44	128.47	16.94	STANDBY							
6/5/2001 12:44	127.08	16.97	STANDBY							
6/5/2001 12:44	126.84	16.97	STANDBY							
			STANDBY Average							
6/5/2001 12:45	127.77	16.97	RUN 1	-0.19	102.31	4.90	20.89	126.5	17.0	191.2
6/5/2001 12:45	127.31	16.97	RUN 1	-0.19	102.31	4.90	20.89	126.0	17.0	190.5
6/5/2001 12:45	127.54	16.97	RUN 1	-0.19	102.31	4.90	20.89	126.2	17.0	190.8
6/5/2001 12:45	126.38	17.00	RUN 1	-0.19	102.31	4.90	20.89	125.1	17.0	190.6
6/5/2001 12:46	126.14	17.03	RUN 1	-0.19	102.31	4.90	20.89	124.9	17.1	191.8
6/5/2001 12:46	126.84	16.97	RUN 1	-0.19	102.31	4.90	20.89	125.5	17.0	189.8
6/5/2001 12:46	128.24	16.82	RUN 1	0.19	102.31	4.90	20.89	126.9	17.1	191.9
6/5/2001 12:46	128.01	16.97	RUN 1	-0.19	102.31	4.90	20.89	126.7	17.0	191.5
6/5/2001 12:47	127.31	16.97	RUN 1	0.19	102.31	4.90	20.89	126.0	17.0	190.5
6/5/2001 12:47	127.77	16.97	RUN 1	0.19	102.31	4.90	20.89	126.5	17.0	191.2
6/5/2001 12:47	126.84	16.97	RUN 1	-0.19	102.31	4.90	20.89	125.5	17.0	189.8
6/5/2001 12:47	127.77	16.97	RUN 1	0.19	102.31	4.90	20.89	126.5	17.0	191.2
6/5/2001 12:48	127.54	16.97	RUN 1	0.19	102.31	4.90	20.89	126.2	17.0	190.8
6/5/2001 12:48	126.84	16.97	RUN 1	0.19	102.31	4.90	20.89	125.5	17.0	189.8
6/5/2001 12:48	126.61	16.97	RUN 1	0.19	102.31	4.90	20.89	126.2	17.0	190.8
6/5/2001 12:48	127.08	16.97	RUN 1	0.19	102.31	4.90	20.89	125.8	17.0	190.1
6/5/2001 12:49	127.08	17.00	RUN 1	0.19	102.31	4.90	20.89	125.8	17.0	190.1
6/5/2001 12:49	126.84	16.97	RUN 1	0.19	102.31	4.90	20.89	125.8	17.0	190.1
6/5/2001 12:49	130.10	16.94	RUN 1	0.19	102.31	4.90	20.89	126.9	17.0	191.9
6/5/2001 12:49	128.71	16.97	RUN 1	0.19	102.31	4.90	20.89	126.8	17.0	191.7
6/5/2001 12:50	129.03	17.00	RUN 1	0.19	102.31	4.90	20.89	127.4	17.1	192.5
6/5/2001 12:50	128.25	17.00	RUN 1	0.19	102.31	4.90	20.89	126.5	17.0	191.2
6/5/2001 12:50	128.26	17.00	RUN 1	0.19	102.31	4.90	20.89	126.5	17.0	191.2
6/5/2001 12:50	128.26	17.00	RUN 1	0.19	102.31	4.90	20.89	126.5	17.0	191.2
6/5/2001 12:51	128.34	17.00	RUN 1	0.19	102.31	4.90	20.89	126.6	17.0	191.4
6/5/2001 12:51	127.88	17.00	RUN 1	0.19	102.31	4.90	20.89	126.1	17.0	190.7
6/5/2001 12:51	128.64	17.00	RUN 1	0.19	102.31	4.90	20.89	126.8	17.0	191.7
6/5/2001 12:51	127.54	17.00	RUN 1	0.19	102.31	4.90	20.89	125.8	17.0	190.1
6/5/2001 12:52	127.77	17.00	RUN 1	0.19	102.31	4.90	20.89	126.0	17.0	190.4
6/5/2001 12:52	127.77	17.00	RUN 1	0.19	102.31	4.90	20.89	126.0	17.0	190.4

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 12:52	127.54	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.2	17.1	193.9
6/5/2001 12:52	128.47	17.03	RUN 1	-0.19	102.31	4.90	20.89	127.2	17.1	195.3
6/5/2001 12:52	129.17	17.00	RUN 1	-0.19	102.31	4.90	20.89	127.8	17.0	194.8
6/5/2001 12:53	127.77	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.5	17.1	194.2
6/5/2001 12:53	128.01	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.7	17.1	194.6
6/5/2001 12:53	129.87	16.97	RUN 1	-0.19	102.31	4.90	20.89	128.5	17.0	194.3
6/5/2001 12:53	128.47	17.00	RUN 1	-0.19	102.31	4.90	20.89	127.2	17.0	193.7
6/5/2001 12:54	126.61	17.03	RUN 1	-0.19	102.31	4.90	20.89	125.3	17.1	192.5
6/5/2001 12:54	127.54	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.2	17.1	193.9
6/5/2001 12:54	128.47	17.00	RUN 1	-0.19	102.31	4.90	20.89	127.2	17.0-	193.7
6/5/2001 12:54	128.01	17.00	RUN 1	-0.19	102.31	4.90	20.89	126.7	17.0	193.0
6/5/2001 12:55	127.77	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.5	17.1	194.2
6/5/2001 12:55	127.08	17.03	RUN 1	-0.19	102.31	4.90	20.89	125.8	17.1	193.2
6/5/2001 12:55	126.61	17.07	RUN 1	-0.19	102.31	4.90	20.89	125.3	17.1	194.1
6/5/2001 12:55	127.31	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.0	17.1	193.5
6/5/2001 12:56	127.54	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.2	17.1	193.9
6/5/2001 12:56	127.54	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.2	17.1	193.9
6/5/2001 12:56	128.01	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.7	17.1	194.6
6/5/2001 12:56	128.94	17.03	RUN 1	-0.19	102.31	4.90	20.89	127.6	17.1	196.0
6/5/2001 12:57	128.71	17.03	RUN 1	-0.19	102.31	4.90	20.89	127.4	17.1	195.6
6/5/2001 12:57	128.24	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.9	17.1	194.9
6/5/2001 12:57	127.77	17.07	RUN 1	-0.19	102.31	4.90	20.89	126.5	17.1	195.9
6/5/2001 12:57	128.71	17.03	RUN 1	-0.19	102.31	4.90	20.89	127.4	17.1	195.6
6/5/2001 12:58	129.40	17.03	RUN 1	-0.19	102.31	4.90	20.89	128.1	17.1	196.7
6/5/2001 12:58	128.24	17.07	RUN 1	-0.19	102.31	4.90	20.89	126.9	17.1	196.6
6/5/2001 12:58	128.47	17.03	RUN 1	-0.19	102.31	4.90	20.89	127.2	17.1	195.3
6/5/2001 12:58	128.01	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.7	17.1	194.6
6/5/2001 12:59	127.31	17.07	RUN 1	-0.19	102.31	4.90	20.89	126.0	17.1	195.1
6/5/2001 12:59	127.31	17.07	RUN 1	-0.19	102.31	4.90	20.89	126.0	17.1	195.1
6/5/2001 12:59	128.01	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.7	17.1	194.6
6/5/2001 12:59	127.31	17.07	RUN 1	-0.19	102.31	4.90	20.89	126.0	17.1	195.1
6/5/2001 13:00	127.54	17.07	RUN 1	-0.19	102.31	4.90	20.89	126.2	17.1	195.5
6/5/2001 13:00	128.47	17.03	RUN 1	-0.19	102.31	4.90	20.89	127.2	17.1	195.3
6/5/2001 13:00	128.01	17.03	RUN 1	-0.19	102.31	4.90	20.89	126.7	17.1	194.6
6/5/2001 13:00	126.61	17.07	RUN 1	-0.19	102.31	4.90	20.89	125.3	17.1	194.1
6/5/2001 13:01	127.31	17.07	RUN 1	-0.19	102.31	4.90	20.89	126.0	17.1	195.1
6/5/2001 13:01	127.31	17.07	RUN 1	-0.19	102.31	4.90	20.89	126.0	17.1	195.1
6/5/2001 13:01	128.71	17.03	RUN 1	-0.19	102.31	4.90	20.89	127.4	17.1	195.6
6/5/2001 13:01	128.71	17.03	RUN 1	-0.19	102.31	4.90	20.89	127.4	17.1	195.6
6/5/2001 13:02	127.54	17.07	RUN 1	-0.19	102.31	4.90	20.89	126.2	17.1	195.5
6/5/2001 13:02	127.77	17.07	RUN 1	-0.19	102.31	4.90	20.89	126.5	17.1	195.9
6/5/2001 13:02	130.57	17.00	RUN 1	-0.19	102.31	4.90	20.89	129.2	17.0	196.9
6/5/2001 13:02	130.34	17.00	RUN 1	-0.19	102.31	4.90	20.89	129.0	17.0	196.5
6/5/2001 13:03	128.71	17.07	RUN 1	-0.19	102.31	4.90	20.89	127.4	17.1	197.3
6/5/2001 13:03	129.64	17.03	RUN 1	-0.19	102.31	4.90	20.89	128.3	17.1	197.1
6/5/2001 13:03	127.77	17.07	RUN 1	-0.19	102.31	4.90	20.89	126.5	17.1	195.9
6/5/2001 13:03	126.84	17.10	RUN 1	-0.19	102.31	4.90	20.89	125.5	17.1	196.0
6/5/2001 13:04	127.08	17.10	RUN 1	-0.19	102.31	4.90	20.89	125.8	17.1	196.4
6/5/2001 13:04	127.31	17.07	RUN 1	-0.19	102.31	4.90	20.89	126.0	17.1	195.1
6/5/2001 13:04	125.91	17.10	RUN 1	-0.19	102.31	4.90	20.89	124.6	17.1	194.6
6/5/2001 13:04	127.77	17.10	RUN 1	-0.19	102.31	4.90	20.89	126.5	17.1	197.5
6/5/2001 13:05	127.54	17.10	RUN 1	-0.19	102.31	4.90	20.89	126.2	17.1	197.1
6/5/2001 13:05	127.77	17.10	RUN 1	-0.19	102.31	4.90	20.89	126.5	17.1	197.5
6/5/2001 13:05	129.64	17.03	RUN 1	-0.19	102.31	4.90	20.89	128.3	17.1	197.1
6/5/2001 13:05	130.34	17.03	RUN 1	-0.19	102.31	4.90	20.89	129.0	17.1	198.1
			RUN 1 Average					126.5	17.1	194.0
6/5/2001 13:06	130.80	17.03	STANDBY							
6/5/2001 13:06	130.10	17.03	STANDBY							
6/5/2001 13:06	130.57	17.07	STANDBY							
6/5/2001 13:06	129.87	17.07	STANDBY							
6/5/2001 13:07	128.71	17.03	STANDBY							
6/5/2001 13:07	105.65	13.53	STANDBY							
6/5/2001 13:07	34.64	7.38	STANDBY							
6/5/2001 13:07	8.09	5.57	STANDBY							
6/5/2001 13:08	2.50	5.13	STANDBY							
6/5/2001 13:08	1.34	5.03	STANDBY							
6/5/2001 13:08	0.87	4.94	STANDBY							
			STANDBY Average							
6/5/2001 13:08	0.67	4.92	ZERO NOX, 4.97 O2							
6/5/2001 13:09	0.67	4.91	ZERO NOX, 4.97 O2							
6/5/2001 13:09	0.67	4.91	ZERO NOX, 4.97 O2							
6/5/2001 13:09	0.67	4.88	ZERO NOX, 4.97 O2							
6/5/2001 13:09	0.67	4.88	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/5/2001 13:10	[illegible]	[illegible]	STANDBY							
6/5/2001 13:10	23.46	15.62	STANDBY							
6/5/2001 13:10	80.51	19.76	STANDBY							
6/5/2001 13:10	98.44	20.54	STANDBY							
6/5/2001 13:11	101.93	20.76	STANDBY							
			STANDBY Average							
[illegible]	[illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]	[illegible]							
[illegible]	[illegible]	[illegible]	101.3 NOX, 20.9 O2							
[illegible]	103.32	[illegible]	101.3 NOX, 20.9 O2							
6/5/2001 13:12	[illegible]	[illegible]	101.3 NOX, 20.9 O2							
[illegible]	[illegible]	[illegible]	[illegible]							

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
			101.3 NOX, 20.9 O2 Average							
6/5/2001 13:13	113.57	20.95	STANDBY							
6/5/2001 13:13	131.03	20.95	STANDBY							
6/5/2001 13:14	132.66	20.95	STANDBY							
6/5/2001 13:14	132.20	20.95	STANDBY							
6/5/2001 13:14	133.36	20.95	STANDBY							
6/5/2001 13:14	134.06	20.95	STANDBY							
			STANDBY Average							
6/5/2001 13:15	134.29	17.07	RUN 2	0.64	102.77	4.89	20.92	132.6	17.1	204.2
6/5/2001 13:15	134.53	17.07	RUN 2	0.64	102.77	4.89	20.92	132.8	17.1	204.6
6/5/2001 13:15	132.66	17.07	RUN 2	0.64	102.77	4.89	20.92	131.0	17.1	201.7
6/5/2001 13:15	132.20	17.07	RUN 2	0.64	102.77	4.89	20.92	130.5	17.1	201.0
6/5/2001 13:16	131.97	17.07	RUN 2	0.64	102.77	4.89	20.92	130.3	17.1	200.7
6/5/2001 13:16	131.27	17.07	RUN 2	0.64	102.77	4.89	20.92	129.6	17.1	199.6
6/5/2001 13:16	131.27	17.07	RUN 2	0.64	102.77	4.89	20.92	129.6	17.1	199.6
6/5/2001 13:16	130.10	17.07	RUN 2	0.64	102.77	4.89	20.92	128.4	17.1	197.8
6/5/2001 13:17	130.10	17.07	RUN 2	0.64	102.77	4.89	20.92	128.4	17.1	197.8
6/5/2001 13:17	131.03	17.07	RUN 2	0.64	102.77	4.89	20.92	129.3	17.1	199.2
6/5/2001 13:17	130.80	17.07	RUN 2	0.64	102.77	4.89	20.92	129.1	17.1	198.9
6/5/2001 13:17	132.20	17.07	RUN 2	0.64	102.77	4.89	20.92	130.5	17.1	201.0
6/5/2001 13:18	131.03	17.07	RUN 2	0.64	102.77	4.89	20.92	129.3	17.1	199.2
6/5/2001 13:18	131.50	17.07	RUN 2	0.64	102.77	4.89	20.92	129.8	17.1	199.9
6/5/2001 13:18	131.50	17.07	RUN 2	0.64	102.77	4.89	20.92	129.8	17.1	199.9
6/5/2001 13:18	130.34	17.07	RUN 2	0.64	102.77	4.89	20.92	128.6	17.1	198.2
6/5/2001 13:19	131.03	17.07	RUN 2	0.64	102.77	4.89	20.92	129.3	17.1	199.2
6/5/2001 13:19	132.20	17.07	RUN 2	0.64	102.77	4.89	20.92	130.5	17.1	201.0
6/5/2001 13:19	130.57	17.07	RUN 2	0.64	102.77	4.89	20.92	128.9	17.1	198.5
6/5/2001 13:19	130.57	17.07	RUN 2	0.64	102.77	4.89	20.92	128.9	17.1	198.5
6/5/2001 13:20	132.66	17.07	RUN 2	0.64	102.77	4.89	20.92	131.0	17.1	201.7
6/5/2001 13:20	131.97	17.07	RUN 2	0.64	102.77	4.89	20.92	130.3	17.1	200.7
6/5/2001 13:20	130.80	17.07	RUN 2	0.64	102.77	4.89	20.92	129.1	17.1	198.9
6/5/2001 13:20	128.24	17.07	RUN 2	0.64	102.77	4.89	20.92	126.6	17.1	195.0
6/5/2001 13:21	127.54	17.07	RUN 2	0.64	102.77	4.89	20.92	125.9	17.1	193.9
6/5/2001 13:21	129.17	17.07	RUN 2	0.64	102.77	4.89	20.92	127.5	17.1	196.4
6/5/2001 13:21	128.71	17.07	RUN 2	0.64	102.77	4.89	20.92	127.0	17.1	195.7
6/5/2001 13:21	129.17	17.07	RUN 2	0.64	102.77	4.89	20.92	127.5	17.1	196.4
6/5/2001 13:22	130.34	17.07	RUN 2	0.64	102.77	4.89	20.92	128.6	17.1	198.2
6/5/2001 13:22	131.73	17.07	RUN 2	0.64	102.77	4.89	20.92	130.0	17.1	200.3
6/5/2001 13:22	132.20	17.07	RUN 2	0.64	102.77	4.89	20.92	130.5	17.1	201.0
6/5/2001 13:22	131.50	17.07	RUN 2	0.64	102.77	4.89	20.92	129.8	17.1	199.9
6/5/2001 13:23	131.97	17.07	RUN 2	0.64	102.77	4.89	20.92	130.3	17.1	200.7
6/5/2001 13:23	131.27	17.07	RUN 2	0.64	102.77	4.89	20.92	129.6	17.1	199.6
6/5/2001 13:23	131.27	17.07	RUN 2	0.64	102.77	4.89	20.92	129.6	17.1	199.6
6/5/2001 13:23	131.97	17.07	RUN 2	0.64	102.77	4.89	20.92	130.3	17.1	200.7
6/5/2001 13:24	133.36	17.07	RUN 2	0.64	102.77	4.89	20.92	131.6	17.1	202.8
6/5/2001 13:24	133.13	17.07	RUN 2	0.64	102.77	4.89	20.92	131.4	17.1	202.4
6/5/2001 13:24	131.73	17.07	RUN 2	0.64	102.77	4.89	20.92	130.0	17.1	200.3
6/5/2001 13:24	130.80	17.07	RUN 2	0.64	102.77	4.89	20.92	129.1	17.1	198.9
6/5/2001 13:25	131.03	17.07	RUN 2	0.64	102.77	4.89	20.92	129.3	17.1	199.2
6/5/2001 13:25	131.27	17.07	RUN 2	0.64	102.77	4.89	20.92	129.6	17.1	199.6
6/5/2001 13:25	131.03	17.07	RUN 2	0.64	102.77	4.89	20.92	129.3	17.1	199.2
6/5/2001 13:25	130.80	17.07	RUN 2	0.64	102.77	4.89	20.92	129.1	17.1	198.9
6/5/2001 13:26	131.27	17.07	RUN 2	0.64	102.77	4.89	20.92	129.6	17.1	199.6
6/5/2001 13:26	131.27	17.07	RUN 2	0.64	102.77	4.89	20.92	129.6	17.1	199.6
6/5/2001 13:26	131.50	17.07	RUN 2	0.64	102.77	4.89	20.92	129.8	17.1	199.9
6/5/2001 13:26	131.73	17.07	RUN 2	0.64	102.77	4.89	20.92	130.0	17.1	200.3
6/5/2001 13:27	131.73	17.07	RUN 2	0.64	102.77	4.89	20.92	130.0	17.1	200.3
6/5/2001 13:27	131.27	17.07	RUN 2	0.64	102.77	4.89	20.92	129.6	17.1	199.6
6/5/2001 13:27	132.20	17.07	RUN 2	0.64	102.77	4.89	20.92	130.5	17.1	201.0
6/5/2001 13:27	132.20	17.07	RUN 2	0.64	102.77	4.89	20.92	130.5	17.1	201.0
6/5/2001 13:28	131.27	17.07	RUN 2	0.64	102.77	4.89	20.92	129.6	17.1	199.6
6/5/2001 13:28	131.73	17.07	RUN 2	0.64	102.77	4.89	20.92	130.0	17.1	200.3
6/5/2001 13:28	130.80	17.07	RUN 2	0.64	102.77	4.89	20.92	129.1	17.1	198.9
6/5/2001 13:28	130.10	17.07	RUN 2	0.64	102.77	4.89	20.92	128.4	17.1	197.8
6/5/2001 13:29	129.64	17.07	RUN 2	0.64	102.77	4.89	20.92	127.9	17.1	197.1
6/5/2001 13:29	130.34	17.07	RUN 2	0.64	102.77	4.89	20.92	128.6	17.1	198.2
6/5/2001 13:29	130.80	17.07	RUN 2	0.64	102.77	4.89	20.92	129.1	17.1	198.9
6/5/2001 13:29	132.20	17.07	RUN 2	0.64	102.77	4.89	20.92	130.5	17.1	201.0
6/5/2001 13:30	132.43	17.07	RUN 2	0.64	102.77	4.89	20.92	130.7	17.1	201.4
6/5/2001 13:30	131.03	17.07	RUN 2	0.64	102.77	4.89	20.92	129.3	17.1	199.2
6/5/2001 13:30	131.03	17.07	RUN 2	0.64	102.77	4.89	20.92	129.3	17.1	199.2
6/5/2001 13:30	131.73	17.07	RUN 2	0.64	102.77	4.89	20.92	130.0	17.1	200.3
6/5/2001 13:31	131.03	17.07	RUN 2	0.64	102.77	4.89	20.92	129.3	17.1	199.2
6/5/2001 13:31	128.94	17.07	RUN 2	0.64	102.77	4.89	20.92	127.3	17.1	196.0
6/5/2001 13:31	129.87	17.07	RUN 2	0.64	102.77	4.89	20.92	128.2	17.1	197.5
6/5/2001 13:31	131.73	17.07	RUN 2	0.64	102.77	4.89	20.92	130.0	17.1	200.3
6/5/2001 13:32	131.97	17.07	RUN 2	0.64	102.77	4.89	20.92	130.3	17.1	200.7
6/5/2001 13:32	131.97	17.07	RUN 2	0.64	102.77	4.89	20.92	130.3	17.1	200.7
6/5/2001 13:32	131.27	17.07	RUN 2	0.64	102.77	4.89	20.92	129.6	17.1	199.6
6/5/2001 13:32	129.64	17.07	RUN 2	0.64	102.77	4.89	20.92	127.9	17.1	197.1
6/5/2001 13:33	129.87	17.07	RUN 2	0.64	102.77	4.89	20.92	128.2	17.1	197.5
6/5/2001 13:33	129.87	17.07	RUN 2	0.64	102.77	4.89	20.92	128.2	17.1	197.5
6/5/2001 13:33	129.87	17.07	RUN 2	0.64	102.77	4.89	20.92	128.2	17.1	197.5
6/5/2001 13:34	129.41	17.07	RUN 2	0.64	102.77	4.89	20.92	127.7	17.1	196.8
6/5/2001 13:34	129.87	17.07	RUN 2	0.64	102.77	4.89	20.92	128.2	17.1	197.5
6/5/2001 13:34	129.87	17.07	RUN 2	0.64	102.77	4.89	20.92	128.2	17.1	197.5
6/5/2001 13:34	129.41	17.07	RUN 2	0.64	102.77	4.89	20.92	127.7	17.1	196.8

JEA - KGS CT5 FOGGERS OFF

Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 13:35	130.57	17.07	RUN 2	0.64	102.77	4.89	20.92	128.9	17.1	198.5
6/5/2001 13:35	130.57	17.07	RUN 2	0.64	102.77	4.89	20.92	128.9	17.1	198.5
6/5/2001 13:35	129.64	17.10	RUN 2	0.64	102.77	4.89	20.92	127.9	17.1	198.7
			RUN 2 Average					129.3	17.1	199.2
6/5/2001 13:36	128.24	17.13	STANDBY							
6/5/2001 13:36	128.01	17.16	STANDBY							
6/5/2001 13:36	129.40	17.10	STANDBY							
6/5/2001 13:36	128.01	17.13	STANDBY							
6/5/2001 13:37	129.17	17.10	STANDBY							
6/5/2001 13:37	131.27	17.03	STANDBY							
6/5/2001 13:37	130.57	17.03	STANDBY							
6/5/2001 13:37	128.94	17.10	STANDBY							
6/5/2001 13:38	128.71	17.10	STANDBY							
6/5/2001 13:38	128.01	17.13	STANDBY							
6/5/2001 13:38	127.77	17.13	STANDBY							
6/5/2001 13:38	128.47	17.13	STANDBY							
6/5/2001 13:39	130.57	17.10	STANDBY							
6/5/2001 13:39	130.80	17.07	STANDBY							
6/5/2001 13:39	129.64	17.10	STANDBY							
6/5/2001 13:39	129.87	17.10	STANDBY							
6/5/2001 13:40	129.64	17.10	STANDBY							
6/5/2001 13:40	129.87	17.10	STANDBY							
6/5/2001 13:40	129.17	17.10	STANDBY							
6/5/2001 13:40	131.97	17.03	STANDBY							
6/5/2001 13:41	133.59	16.97	STANDBY							
6/5/2001 13:41	133.36	16.97	STANDBY							
6/5/2001 13:41	134.29	16.97	STANDBY							
6/5/2001 13:41	133.59	16.97	STANDBY							
6/5/2001 13:42	134.53	16.97	STANDBY							
6/5/2001 13:42	133.13	17.00	STANDBY							
6/5/2001 13:42	130.57	17.07	STANDBY							
6/5/2001 13:42	127.54	17.16	STANDBY							
6/5/2001 13:43	128.24	17.13	STANDBY							
6/5/2001 13:43	128.94	17.13	STANDBY							
6/5/2001 13:43	129.67	17.10	STANDBY							
6/5/2001 13:43	131.50	17.07	STANDBY							
6/5/2001 13:44	132.90	17.03	STANDBY							
6/5/2001 13:44	133.13	17.03	STANDBY							
6/5/2001 13:44	134.29	17.00	STANDBY							
6/5/2001 13:44	133.59	16.97	STANDBY							
6/5/2001 13:45	127.77	16.38	STANDBY							
6/5/2001 13:45	107.52	20.42	STANDBY							
			STANDBY Average							
6/5/2001 13:45	102.39	20.83	101.3 NOX, 20.9 O2							
6/5/2001 13:45	101.93	20.92	101.3 NOX, 20.9 O2							
6/5/2001 13:46	102.16	20.95	101.3 NOX, 20.9 O2							
6/5/2001 13:46	102.39	20.95	101.3 NOX, 20.9 O2							
6/5/2001 13:46	102.39	20.95	101.3 NOX, 20.9 O2							
6/5/2001 13:46	102.39	20.95	101.3 NOX, 20.9 O2							
6/5/2001 13:47	102.63	20.95	101.3 NOX, 20.9 O2							
6/5/2001 13:47	102.39	20.95	101.3 NOX, 20.9 O2							
6/5/2001 13:47	102.63	20.95	101.3 NOX, 20.9 O2							
6/5/2001 13:47	102.63	20.95	101.3 NOX, 20.9 O2							
6/5/2001 13:48	102.63	20.76	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/5/2001 13:48	101.93	9.58	STANDBY							
6/5/2001 13:48	56.29	4.09	STANDBY							
6/5/2001 13:48	13.68	4.75	STANDBY							
6/5/2001 13:49	3.43	4.94	STANDBY							
6/5/2001 13:49	1.34	4.94	STANDBY							
6/5/2001 13:49	0.87	4.91	STANDBY							
6/5/2001 13:49	0.64	4.91	STANDBY							
6/5/2001 13:50	0.64	4.88	STANDBY							
6/5/2001 13:50	0.64	4.88	STANDBY							
			STANDBY Average							
6/5/2001 13:50	0.41	4.88	ZERO NOX, 4.97 O2							
6/5/2001 13:50	0.41	4.88	ZERO NOX, 4.97 O2							
6/5/2001 13:51	0.41	4.88	ZERO NOX, 4.97 O2							
6/5/2001 13:51	0.41	4.88	ZERO NOX, 4.97 O2							
6/5/2001 13:51	0.41	4.88	ZERO NOX, 4.97 O2							
6/5/2001 13:51	0.41	4.88	ZERO NOX, 4.97 O2							
6/5/2001 13:52	0.41	4.88	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/5/2001 13:52	15.31	16.72	STANDBY							
6/5/2001 13:52	109.86	15.55	STANDBY							
6/5/2001 13:52	132.66	16.75	STANDBY							
			STANDBY Average							
6/5/2001 13:53	133.36	16.72	RUN 3	0.33	102.09	4.96	20.92	132.4	16.7	187.4
6/5/2001 13:53	132.90	16.88	RUN 3	0.33	102.09	4.96	20.92	132.0	16.9	188.5
6/5/2001 13:53	132.94	16.94	RUN 3	0.33	102.09	4.96	20.92	132.0	16.9	189.2
6/5/2001 13:53	133.41	16.97	RUN 3	0.33	102.09	4.96	20.92	132.5	17.0	189.6
6/5/2001 13:54	132.65	17.03	RUN 3	0.33	102.09	4.96	20.92	131.5	17.1	189.6
6/5/2001 13:54	131.92	17.03	RUN 3	0.33	102.09	4.96	20.92	130.8	17.1	189.0
6/5/2001 13:54	134.26	16.97	RUN 3	0.33	102.09	4.96	20.92	133.3	17.0	190.3
6/5/2001 13:54	135.22	16.94	RUN 3	0.33	102.09	4.96	20.92	134.3	16.9	190.4
6/5/2001 13:55	136.16	16.91	RUN 3	0.33	102.09	4.96	20.92	135.2	16.9	190.3
6/5/2001 13:55	135.46	16.94	RUN 3	0.33	102.09	4.96	20.92	134.5	16.9	190.8
6/5/2001 13:55	135.22	16.94	RUN 3	0.33	102.09	4.96	20.92	134.3	16.9	190.4

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.87 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 13:56	133.59	16.97	RUN 3	0.33	102.09	4.88	20.92	132.7	17.0	199.6
6/5/2001 13:56	132.90	16.97	RUN 3	0.33	102.09	4.88	20.92	132.0	17.0	198.6
6/5/2001 13:56	133.59	16.97	RUN 3	0.33	102.09	4.88	20.92	132.7	17.0	199.6
6/5/2001 13:56	133.13	16.97	RUN 3	0.33	102.09	4.88	20.92	132.2	17.0	198.9
6/5/2001 13:57	134.53	16.94	RUN 3	0.33	102.09	4.88	20.92	133.6	16.9	199.4
6/5/2001 13:57	136.16	16.88	RUN 3	0.33	102.09	4.88	20.92	135.2	16.9	198.7
6/5/2001 13:57	136.16	16.88	RUN 3	0.33	102.09	4.88	20.92	135.2	16.9	198.7
6/5/2001 13:57	135.92	16.91	RUN 3	0.33	102.09	4.88	20.92	135.0	16.9	199.9
6/5/2001 13:58	135.92	16.91	RUN 3	0.33	102.09	4.88	20.92	135.0	16.9	199.9
6/5/2001 13:58	135.22	16.94	RUN 3	0.33	102.09	4.88	20.92	134.3	16.9	200.4
6/5/2001 13:58	134.53	16.94	RUN 3	0.33	102.09	4.88	20.92	133.6	16.9	199.4
6/5/2001 13:58	134.53	16.94	RUN 3	0.33	102.09	4.88	20.92	133.6	16.9	199.4
6/5/2001 13:59	133.59	16.97	RUN 3	0.33	102.09	4.88	20.92	132.7	17.0	199.6
6/5/2001 13:59	134.06	16.97	RUN 3	0.33	102.09	4.88	20.92	133.1	17.0	200.3
6/5/2001 13:59	134.76	16.97	RUN 3	0.33	102.09	4.88	20.92	133.8	17.0	201.4
6/5/2001 13:59	134.99	16.94	RUN 3	0.33	102.09	4.88	20.92	134.1	16.9	200.1
6/5/2001 14:00	134.53	16.97	RUN 3	0.33	102.09	4.88	20.92	133.6	17.0	201.0
6/5/2001 14:00	132.43	17.00	RUN 3	0.33	102.09	4.88	20.92	131.5	17.0	199.4
6/5/2001 14:00	133.13	16.97	RUN 3	0.33	102.09	4.88	20.92	132.2	17.0	198.9
6/5/2001 14:00	132.43	17.00	RUN 3	0.33	102.09	4.88	20.92	131.5	17.0	199.4
6/5/2001 14:01	132.20	17.00	RUN 3	0.33	102.09	4.88	20.92	131.3	17.0	199.1
6/5/2001 14:01	130.34	17.07	RUN 3	0.33	102.09	4.88	20.92	129.4	17.1	199.5
6/5/2001 14:01	131.73	17.03	RUN 3	0.33	102.09	4.88	20.92	130.8	17.0	200.0
6/5/2001 14:01	132.20	17.00	RUN 3	0.33	102.09	4.88	20.92	131.3	17.0	199.1
6/5/2001 14:02	133.83	16.97	RUN 3	0.33	102.09	4.88	20.92	132.9	17.0	200.0
6/5/2001 14:02	134.29	16.97	RUN 3	0.33	102.09	4.88	20.92	133.4	17.0	200.7
6/5/2001 14:02	136.62	16.88	RUN 3	0.33	102.09	4.88	20.92	135.7	16.9	199.4
6/5/2001 14:02	135.69	16.88	RUN 3	0.33	102.09	4.88	20.92	134.7	16.9	198.0
6/5/2001 14:03	135.69	16.88	RUN 3	0.33	102.09	4.88	20.92	134.7	16.9	198.0
6/5/2001 14:03	134.29	16.91	RUN 3	0.33	102.09	4.88	20.92	133.4	16.9	197.5
6/5/2001 14:03	133.36	16.94	RUN 3	0.33	102.09	4.88	20.92	132.4	16.9	197.7
6/5/2001 14:03	132.90	16.97	RUN 3	0.33	102.09	4.88	20.92	132.0	17.0	198.6
6/5/2001 14:04	133.13	16.97	RUN 3	0.33	102.09	4.88	20.92	132.2	17.0	198.9
6/5/2001 14:04	131.73	16.97	RUN 3	0.33	102.09	4.88	20.92	130.8	17.0	198.8
6/5/2001 14:04	131.97	16.97	RUN 3	0.33	102.09	4.88	20.92	131.0	17.0	197.2
6/5/2001 14:04	132.43	16.97	RUN 3	0.33	102.09	4.88	20.92	131.5	17.0	197.9
6/5/2001 14:05	133.13	16.94	RUN 3	0.33	102.09	4.88	20.92	132.2	16.9	197.3
6/5/2001 14:05	131.27	16.97	RUN 3	0.33	102.09	4.88	20.92	130.3	17.0	196.1
6/5/2001 14:05	128.47	17.07	RUN 3	0.33	102.09	4.88	20.92	127.6	17.1	196.6
6/5/2001 14:05	126.38	17.16	RUN 3	0.33	102.09	4.88	20.92	125.5	17.2	196.3
6/5/2001 14:06	128.01	17.13	RUN 3	0.33	102.09	4.88	20.92	127.1	17.1	199.1
6/5/2001 14:06	127.08	17.16	RUN 3	0.33	102.09	4.88	20.92	126.2	17.2	199.3
6/5/2001 14:06	127.54	17.16	RUN 3	0.33	102.09	4.88	20.92	126.6	17.2	200.1
6/5/2001 14:06	128.24	17.13	RUN 3	0.33	102.09	4.88	20.92	127.3	17.1	199.5
6/5/2001 14:07	128.01	17.13	RUN 3	0.33	102.09	4.88	20.92	127.1	17.1	199.1
6/5/2001 14:07	128.94	17.13	RUN 3	0.33	102.09	4.88	20.92	128.0	17.1	200.6
6/5/2001 14:07	128.47	17.13	RUN 3	0.33	102.09	4.88	20.92	127.6	17.1	199.8
6/5/2001 14:07	128.47	17.13	RUN 3	0.33	102.09	4.88	20.92	127.6	17.1	199.8
6/5/2001 14:08	129.17	17.13	RUN 3	0.33	102.09	4.88	20.92	128.3	17.1	200.9
6/5/2001 14:08	131.97	17.03	RUN 3	0.33	102.09	4.88	20.92	131.0	17.0	200.3
6/5/2001 14:08	134.29	16.97	RUN 3	0.33	102.09	4.88	20.92	133.4	17.0	200.7
6/5/2001 14:08	133.36	17.00	RUN 3	0.33	102.09	4.88	20.92	132.4	17.0	200.9
6/5/2001 14:09	132.90	17.03	RUN 3	0.33	102.09	4.88	20.92	132.0	17.0	201.7
6/5/2001 14:09	130.34	17.07	RUN 3	0.33	102.09	4.88	20.92	129.4	17.1	199.5
6/5/2001 14:09	127.31	17.16	RUN 3	0.33	102.09	4.88	20.92	126.4	17.2	199.7
6/5/2001 14:09	128.94	17.16	RUN 3	0.33	102.09	4.88	20.92	128.0	17.2	202.3
6/5/2001 14:10	131.50	17.10	RUN 3	0.33	102.09	4.88	20.92	130.6	17.1	202.9
6/5/2001 14:10	132.66	17.03	RUN 3	0.33	102.09	4.88	20.92	131.7	17.0	201.4
6/5/2001 14:10	132.66	17.03	RUN 3	0.33	102.09	4.88	20.92	131.7	17.0	201.4
6/5/2001 14:10	133.59	17.00	RUN 3	0.33	102.09	4.88	20.92	132.7	17.0	201.2
6/5/2001 14:11	135.92	16.91	RUN 3	0.33	102.09	4.88	20.92	135.0	16.9	199.9
6/5/2001 14:11	136.39	16.88	RUN 3	0.33	102.09	4.88	20.92	135.4	16.9	199.1
6/5/2001 14:11	138.02	16.85	RUN 3	0.33	102.09	4.88	20.92	137.1	16.9	199.9
6/5/2001 14:11	135.69	16.88	RUN 3	0.33	102.09	4.88	20.92	134.7	16.9	198.0
6/5/2001 14:12	134.29	16.91	RUN 3	0.33	102.09	4.88	20.92	133.4	16.9	197.5
6/5/2001 14:12	132.20	16.97	RUN 3	0.33	102.09	4.88	20.92	131.3	17.0	197.5
6/5/2001 14:12	132.66	16.97	RUN 3	0.33	102.09	4.88	20.92	131.7	17.0	198.2
6/5/2001 14:12	131.50	17.00	RUN 3	0.33	102.09	4.88	20.92	130.6	17.0	198.0
6/5/2001 14:13	130.34	17.03	RUN 3	0.33	102.09	4.88	20.92	129.4	17.1	199.5
6/5/2001 14:13	131.50	17.03	RUN 3	0.33	102.09	4.88	20.92	130.6	17.1	201.3
6/5/2001 14:13	132.20	17.03	RUN 3	0.33	102.09	4.88	20.92	131.3	17.0	200.7
6/5/2001 14:13	133.13	16.97	RUN 3	0.33	102.09	4.88	20.92	132.2	17.0	198.9
			RUN 3 Average					131.5	17.0	199.3
6/5/2001 14:14	134.53	16.94	STANDBY							
6/5/2001 14:14	134.76	16.91	STANDBY							
6/5/2001 14:14	133.13	16.94	STANDBY							
6/5/2001 14:14	132.66	16.94	STANDBY							
6/5/2001 14:15	131.97	16.97	STANDBY							
6/5/2001 14:15	131.97	16.97	STANDBY							
6/5/2001 14:15	132.20	16.97	STANDBY							
6/5/2001 14:15	133.64	16.94	STANDBY							
6/5/2001 14:16	133.92	16.94	STANDBY							
6/5/2001 14:16	133.92	16.94	STANDBY							
6/5/2001 14:16	132.74	16.94	STANDBY							
6/5/2001 14:16	134.06	16.94	STANDBY							
6/5/2001 14:17	132.43	16.94	STANDBY							
6/5/2001 14:17	133.13	16.94	STANDBY							
6/5/2001 14:17	132.66	16.94	STANDBY							
			STANDBY Average							

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.87 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 14:17	101.56	20.90	101.3 NOX, 20.9 O2							
6/5/2001 14:18	101.70	20.92	101.3 NOX, 20.9 O2							
6/5/2001 14:18	101.70	20.92	101.3 NOX, 20.9 O2							
6/5/2001 14:18	101.93	20.92	101.3 NOX, 20.9 O2							
6/5/2001 14:18	101.93	20.92	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/5/2001 14:19	102.16	19.79	STANDBY							
6/5/2001 14:19	102.16	6.91	STANDBY							
6/5/2001 14:19	91.92	1.96	STANDBY							
6/5/2001 14:19	32.07	3.62	STANDBY							
6/5/2001 14:20	6.69	4.66	STANDBY							
6/5/2001 14:20	1.57	4.85	STANDBY							
6/5/2001 14:20	0.64	4.88	STANDBY							
			STANDBY Average							
6/5/2001 14:20	0.41	4.88	ZERO NOX, 4.97 O2							
6/5/2001 14:21	0.17	4.88	ZERO NOX, 4.97 O2							
6/5/2001 14:21	0.17	4.88	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/5/2001 14:21	62.34	9.86	STANDBY							
6/5/2001 14:21	124.28	15.44	STANDBY							
			STANDBY Average							
6/5/2001 14:22	131.03	16.53	RUN 4	-0.02	101.56	4.88	20.91	130.7	16.6	177.3
6/5/2001 14:22	132.20	16.78	RUN 4	-0.02	101.56	4.88	20.91	131.9	16.8	189.7
6/5/2001 14:22	134.06	16.85	RUN 4	-0.02	101.56	4.88	20.91	133.7	16.9	195.3
6/5/2001 14:22	132.80	16.94	RUN 4	-0.02	101.56	4.88	20.91	132.5	17.0	196.2
6/5/2001 14:23	133.13	16.97	RUN 4	-0.02	101.56	4.88	20.91	132.8	17.0	200.2
6/5/2001 14:23	132.66	16.97	RUN 4	-0.02	101.56	4.88	20.91	132.3	17.0	199.5
6/5/2001 14:23	132.20	17.00	RUN 4	-0.02	101.56	4.88	20.91	131.9	17.0	200.4
6/5/2001 14:23	128.94	17.10	RUN 4	-0.02	101.56	4.88	20.91	128.6	17.1	200.2
6/5/2001 14:24	129.40	17.13	RUN 4	-0.02	101.56	4.88	20.91	129.1	17.1	202.6
6/5/2001 14:24	131.27	17.10	RUN 4	-0.02	101.56	4.88	20.91	130.9	17.1	203.9
6/5/2001 14:24	131.03	17.10	RUN 4	-0.02	101.56	4.88	20.91	130.7	17.1	203.6
6/5/2001 14:24	130.80	17.13	RUN 4	-0.02	101.56	4.88	20.91	130.5	17.1	204.8
6/5/2001 14:25	131.50	17.10	RUN 4	-0.02	101.56	4.88	20.91	131.2	17.1	204.2
6/5/2001 14:25	131.73	17.10	RUN 4	-0.02	101.56	4.88	20.91	131.4	17.1	204.6
6/5/2001 14:25	131.50	17.10	RUN 4	-0.02	101.56	4.88	20.91	131.2	17.1	204.2
6/5/2001 14:25	131.50	17.10	RUN 4	-0.02	101.56	4.88	20.91	131.2	17.1	204.2
6/5/2001 14:26	134.53	17.00	RUN 4	-0.02	101.56	4.88	20.91	134.2	17.0	203.9
6/5/2001 14:26	134.76	16.97	RUN 4	-0.02	101.56	4.88	20.91	134.4	17.0	202.6
6/5/2001 14:26	134.53	16.97	RUN 4	-0.02	101.56	4.88	20.91	134.2	17.0	202.3
6/5/2001 14:26	133.83	16.97	RUN 4	-0.02	101.56	4.88	20.91	133.5	17.0	201.2
6/5/2001 14:27	131.73	16.97	RUN 4	-0.02	101.56	4.88	20.91	131.4	17.0	198.1
6/5/2001 14:27	131.97	16.97	RUN 4	-0.02	101.56	4.88	20.91	131.6	17.0	198.4
6/5/2001 14:27	131.73	17.00	RUN 4	-0.02	101.56	4.88	20.91	131.4	17.0	199.7
6/5/2001 14:27	131.03	17.03	RUN 4	-0.02	101.56	4.88	20.91	130.7	17.0	200.2
6/5/2001 14:28	131.50	17.00	RUN 4	-0.02	101.56	4.88	20.91	131.2	17.0	199.3
6/5/2001 14:28	131.27	17.00	RUN 4	-0.02	101.56	4.88	20.91	130.9	17.0	199.0
6/5/2001 14:28	132.90	16.97	RUN 4	-0.02	101.56	4.88	20.91	132.5	17.0	199.8
6/5/2001 14:28	132.20	17.00	RUN 4	-0.02	101.56	4.88	20.91	131.9	17.0	200.4
6/5/2001 14:29	133.13	16.97	RUN 4	-0.02	101.56	4.88	20.91	132.8	17.0	200.2
6/5/2001 14:29	132.20	17.00	RUN 4	-0.02	101.56	4.88	20.91	131.9	17.0	200.4
6/5/2001 14:29	133.83	16.97	RUN 4	-0.02	101.56	4.88	20.91	133.5	17.0	201.2
6/5/2001 14:29	133.36	16.97	RUN 4	-0.02	101.56	4.88	20.91	133.0	17.0	200.5
6/5/2001 14:30	134.29	16.97	RUN 4	-0.02	101.56	4.88	20.91	133.9	17.0	201.9
6/5/2001 14:30	135.22	16.91	RUN 4	-0.02	101.56	4.88	20.91	134.9	16.9	200.1
6/5/2001 14:30	134.06	16.94	RUN 4	-0.02	101.56	4.88	20.91	133.7	17.0	200.0
6/5/2001 14:30	134.53	16.94	RUN 4	-0.02	101.56	4.88	20.91	134.2	17.0	200.7
6/5/2001 14:31	133.83	16.97	RUN 4	-0.02	101.56	4.88	20.91	133.5	17.0	201.2
6/5/2001 14:31	130.10	17.10	RUN 4	-0.02	101.56	4.88	20.91	129.8	17.1	202.0
6/5/2001 14:31	129.40	17.13	RUN 4	-0.02	101.56	4.88	20.91	129.1	17.1	202.6
6/5/2001 14:31	130.34	17.10	RUN 4	-0.02	101.56	4.88	20.91	130.0	17.1	202.4
6/5/2001 14:32	132.20	17.07	RUN 4	-0.02	101.56	4.88	20.91	131.9	17.1	203.6
6/5/2001 14:32	132.90	17.03	RUN 4	-0.02	101.56	4.88	20.91	132.5	17.0	203.0
6/5/2001 14:32	134.99	16.97	RUN 4	-0.02	101.56	4.88	20.91	134.6	17.0	203.0
6/5/2001 14:32	135.22	16.97	RUN 4	-0.02	101.56	4.88	20.91	134.9	17.0	203.3
6/5/2001 14:33	134.53	16.97	RUN 4	-0.02	101.56	4.88	20.91	134.2	17.0	202.3
6/5/2001 14:33	134.29	16.97	RUN 4	-0.02	101.56	4.88	20.91	134.0	17.0	202.0
6/5/2001 14:33	134.29	16.97	RUN 4	-0.02	101.56	4.88	20.91	133.9	17.0	201.9
6/5/2001 14:33	133.83	16.97	RUN 4	-0.02	101.56	4.88	20.91	133.5	17.0	201.2
6/5/2001 14:34	134.76	16.97	RUN 4	-0.02	101.56	4.88	20.91	134.4	17.0	202.6
6/5/2001 14:34	133.36	16.97	RUN 4	-0.02	101.56	4.88	20.91	133.0	17.0	200.5
6/5/2001 14:34	132.89	17.00	RUN 4	-0.02	101.56	4.88	20.91	132.6	17.0	200.0
6/5/2001 14:34	132.89	17.03	RUN 4	-0.02	101.56	4.88	20.91	132.6	17.0	200.0
6/5/2001 14:35	133.36	17.03	RUN 4	-0.02	101.56	4.88	20.91	133.0	17.0	200.5
6/5/2001 14:35	133.13	17.03	RUN 4	-0.02	101.56	4.88	20.91	132.8	17.0	200.2
6/5/2001 14:35	133.59	17.03	RUN 4	-0.02	101.56	4.88	20.91	133.2	17.0	200.9
6/5/2001 14:36	132.74	16.88	RUN 4	-0.02	101.56	4.88	20.91	132.3	16.9	200.8
6/5/2001 14:36	140.58	16.82	RUN 4	-0.02	101.56	4.88	20.91	140.2	16.8	200.4
6/5/2001 14:36	137.50	16.88	RUN 4	-0.02	101.56	4.88	20.91	137.1	16.8	200.5
6/5/2001 14:36	136.62	16.91	RUN 4	-0.02	101.56	4.88	20.91	136.2	16.9	201.2
6/5/2001 14:36	136.39	16.91	RUN 4	-0.02	101.56	4.88	20.91	136.0	16.9	200.9
6/5/2001 14:37	136.86	16.88	RUN 4	-0.02	101.56	4.88	20.91	136.4	16.9	201.6
6/5/2001 14:37	136.62	16.91	RUN 4	-0.02	101.56	4.88	20.91	136.2	16.9	201.2
6/5/2001 14:37	136.62	16.91	RUN 4	-0.02	101.56	4.88	20.91	136.2	16.9	201.2
6/5/2001 14:37	136.62	16.91	RUN 4	-0.02	101.56	4.88	20.91	136.2	16.9	201.2
6/5/2001 14:38	136.86	16.91	RUN 4	-0.02	101.56	4.88	20.91	136.4	16.9	201.6
6/5/2001 14:38	136.62	16.91	RUN 4	-0.02	101.56	4.88	20.91	136.2	16.9	201.2
6/5/2001 14:38	136.62	16.91	RUN 4	-0.02	101.56	4.88	20.91	136.2	16.9	201.2

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.87 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 14:39	134.76	17.00	RUN 4	-0.02	101.56	4.88	20.91	134.4	17.0	204.2
6/5/2001 14:39	133.83	17.03	RUN 4	-0.02	101.56	4.88	20.91	133.5	17.0	204.5
6/5/2001 14:39	133.59	17.03	RUN 4	-0.02	101.56	4.88	20.91	133.2	17.0	204.1
6/5/2001 14:39	133.36	16.97	RUN 4	-0.02	101.56	4.88	20.91	133.0	17.0	200.5
6/5/2001 14:40	131.73	17.00	RUN 4	-0.02	101.56	4.88	20.91	131.4	17.0	199.7
6/5/2001 14:40	129.64	17.00	RUN 4	-0.02	101.56	4.88	20.91	129.3	17.0	196.5
6/5/2001 14:40	127.77	17.00	RUN 4	-0.02	101.56	4.88	20.91	127.4	17.0	193.7
6/5/2001 14:40	126.38	17.03	RUN 4	-0.02	101.56	4.88	20.91	126.0	17.0	193.1
6/5/2001 14:41	127.77	17.00	RUN 4	-0.02	101.56	4.88	20.91	127.4	17.0	193.7
6/5/2001 14:41	127.77	17.03	RUN 4	-0.02	101.56	4.88	20.91	127.4	17.0	195.2
6/5/2001 14:41	130.80	16.97	RUN 4	-0.02	101.56	4.88	20.91	130.5	17.0	196.7
6/5/2001 14:41	131.73	16.94	RUN 4	-0.02	101.56	4.88	20.91	131.4	17.0	196.5
6/5/2001 14:42	133.13	16.88	RUN 4	-0.02	101.56	4.88	20.91	132.8	16.9	195.5
6/5/2001 14:42	130.10	16.94	RUN 4	-0.02	101.56	4.88	20.91	129.8	17.0	194.1
6/5/2001 14:42	128.71	16.97	RUN 4	-0.02	101.56	4.88	20.91	128.4	17.0	193.5
6/5/2001 14:42	130.80	16.91	RUN 4	-0.02	101.56	4.88	20.91	130.5	16.9	193.6
			RUN 4 Average					132.4	17.0	200.6
6/5/2001 14:43	128.71	16.97	STANDBY							
6/5/2001 14:43	125.45	17.03	STANDBY							
6/5/2001 14:43	129.17	16.94	STANDBY							
6/5/2001 14:43	129.87	16.91	STANDBY							
6/5/2001 14:44	127.54	16.97	STANDBY							
6/5/2001 14:44	126.61	17.00	STANDBY							
6/5/2001 14:44	125.91	17.72	STANDBY							
6/5/2001 14:44	105.42	20.14	STANDBY							
6/5/2001 14:45	85.86	20.73	STANDBY							
6/5/2001 14:45	96.81	20.86	STANDBY							
6/5/2001 14:45	100.07	20.89	STANDBY							
6/5/2001 14:45	100.76	20.89	STANDBY							
			STANDBY Average							
6/5/2001 14:46	101.23	20.89	**101.3 NOX, 20.9 O2**							
6/5/2001 14:46	101.46	20.89	**101.3 NOX, 20.9 O2**							
6/5/2001 14:46	101.46	20.89	**101.3 NOX, 20.9 O2**							
6/5/2001 14:46	101.23	20.89	**101.3 NOX, 20.9 O2**							
6/5/2001 14:47	101.23	20.92	**101.3 NOX, 20.9 O2**							
6/5/2001 14:47	101.46	20.89	**101.3 NOX, 20.9 O2**							
			101.3 NOX, 20.9 O2 Average							
6/5/2001 14:47	67.03	15.12	STANDBY							
6/5/2001 14:47	26.12	6.69	STANDBY							
6/5/2001 14:48	5.76	5.41	STANDBY							
6/5/2001 14:48	1.11	5.10	STANDBY							
6/5/2001 14:48	0.17	5.00	STANDBY							
6/5/2001 14:48	-0.06	4.94	STANDBY							
6/5/2001 14:49	-0.06	4.91	STANDBY							
6/5/2001 14:49	-0.06	4.91	STANDBY							
			STANDBY Average							
6/5/2001 14:49	-0.29	4.88	ZERO NOX, 4.97 O2							
6/5/2001 14:49	-0.29	4.88	ZERO NOX, 4.97 O2							
6/5/2001 14:50	-0.29	4.88	ZERO NOX, 4.97 O2							
6/5/2001 14:50	-0.29	4.88	ZERO NOX, 4.97 O2							
6/5/2001 14:50	-0.29	4.88	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/5/2001 14:50	14.61	6.32	STANDBY							
6/5/2001 14:51	101.46	13.81	STANDBY							
6/5/2001 14:51	122.19	16.22	STANDBY							
6/5/2001 14:51	123.35	16.75	STANDBY							
6/5/2001 14:51	125.21	16.82	STANDBY							
			STANDBY Average							
6/5/2001 14:52	123.35	16.91	RUN 5	-0.41	101.09	4.88	20.88	123.5	16.9	184.3
6/5/2001 14:52	122.65	16.94	RUN 5	-0.41	101.09	4.88	20.88	122.8	17.0	184.7
6/5/2001 14:52	121.72	16.97	RUN 5	-0.41	101.09	4.88	20.88	121.9	17.0	184.8
6/5/2001 14:52	124.75	16.91	RUN 5	-0.41	101.09	4.88	20.88	124.9	16.9	186.4
6/5/2001 14:53	123.58	16.91	RUN 5	-0.41	101.09	4.88	20.88	123.7	16.9	184.7
6/5/2001 14:53	122.88	16.94	RUN 5	-0.41	101.09	4.88	20.88	123.1	17.0	185.1
6/5/2001 14:53	124.05	16.91	RUN 5	-0.41	101.09	4.88	20.88	124.2	16.9	185.4
6/5/2001 14:53	124.75	16.91	RUN 5	-0.41	101.09	4.88	20.88	124.9	16.9	186.4
6/5/2001 14:54	124.28	16.88	RUN 5	-0.41	101.09	4.88	20.88	124.4	16.9	184.3
6/5/2001 14:54	125.21	16.85	RUN 5	-0.41	101.09	4.88	20.88	125.4	16.9	184.2
6/5/2001 14:54	124.51	16.85	RUN 5	-0.41	101.09	4.88	20.88	124.7	16.9	183.1
6/5/2001 14:54	125.91	16.82	RUN 5	-0.41	101.09	4.88	20.88	126.1	16.9	183.8
6/5/2001 14:55	126.61	16.78	RUN 5	-0.41	101.09	4.88	20.88	126.8	16.8	183.4
6/5/2001 14:55	127.08	16.75	RUN 5	-0.41	101.09	4.88	20.88	127.2	16.8	184.1
6/5/2001 14:55	126.14	16.78	RUN 5	-0.41	101.09	4.88	20.88	126.3	16.8	182.7
6/5/2001 14:55	127.54	16.75	RUN 5	-0.41	101.09	4.88	20.88	127.7	16.8	183.3
6/5/2001 14:56	127.31	16.75	RUN 5	-0.41	101.09	4.88	20.88	127.5	16.8	184.4
6/5/2001 14:56	126.61	16.82	RUN 5	-0.41	101.09	4.88	20.88	126.8	16.9	184.8
6/5/2001 14:56	127.31	16.78	RUN 5	-0.41	101.09	4.88	20.88	127.5	16.8	184.4
6/5/2001 14:56	128.24	16.72	RUN 5	-0.41	101.09	4.88	20.88	128.4	16.8	182.9
6/5/2001 14:57	125.45	16.82	RUN 5	-0.41	101.09	4.88	20.88	125.6	16.9	183.1
6/5/2001 14:57	126.14	16.78	RUN 5	-0.41	101.09	4.88	20.88	126.3	16.8	182.7
6/5/2001 14:57	126.38	16.78	RUN 5	-0.41	101.09	4.88	20.88	126.5	16.8	183.1
6/5/2001 14:57	127.31	16.75	RUN 5	-0.41	101.09	4.88	20.88	127.5	16.8	183.0
6/5/2001 14:58	126.38	16.78	RUN 5	-0.41	101.09	4.88	20.88	126.5	16.8	182.1
6/5/2001 14:58	125.68	16.82	RUN 5	-0.41	101.09	4.88	20.88	125.7	16.9	183.1
6/5/2001 14:58	126.38	16.78	RUN 5	-0.41	101.09	4.88	20.88	126.5	16.8	182.4
6/5/2001 14:59	125.91	16.82	RUN 5	-0.41	101.09	4.88	20.88	126.1	16.9	182.6
6/5/2001 14:59	125.45	16.85	RUN 5	-0.41	101.09	4.88	20.88	125.7	16.9	182.6

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.87 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 14:59	120.79	16.97	RUN 5	-0.41	101.09	4.88	20.88	121.0	17.0	183.4
6/5/2001 15:00	120.32	16.97	RUN 5	-0.41	101.09	4.88	20.88	120.5	17.0	182.7
6/5/2001 15:00	121.02	16.94	RUN 5	-0.41	101.09	4.88	20.88	121.2	17.0	182.3
6/5/2001 15:00	123.58	16.88	RUN 5	-0.41	101.09	4.88	20.88	123.7	16.9	183.2
6/5/2001 15:00	123.58	16.85	RUN 5	-0.41	101.09	4.88	20.88	123.7	16.9	181.8
6/5/2001 15:01	120.79	16.94	RUN 5	-0.41	101.09	4.88	20.88	121.0	17.0	181.9
6/5/2001 15:01	121.49	16.91	RUN 5	-0.41	101.09	4.88	20.88	121.7	16.9	181.5
6/5/2001 15:01	120.56	16.94	RUN 5	-0.41	101.09	4.88	20.88	120.7	17.0	181.6
6/5/2001 15:01	119.86	16.97	RUN 5	-0.41	101.09	4.88	20.88	120.0	17.0	182.0
6/5/2001 15:02	121.25	16.94	RUN 5	-0.41	101.09	4.88	20.88	121.4	17.0	182.6
6/5/2001 15:02	122.42	16.88	RUN 5	-0.41	101.09	4.88	20.88	122.6	16.9	181.5
6/5/2001 15:02	123.58	16.85	RUN 5	-0.41	101.09	4.88	20.88	123.7	16.9	181.8
6/5/2001 15:02	122.19	16.88	RUN 5	-0.41	101.09	4.88	20.88	122.4	16.9	181.2
6/5/2001 15:03	121.49	16.91	RUN 5	-0.41	101.09	4.88	20.88	121.7	16.9	181.5
6/5/2001 15:03	120.32	16.94	RUN 5	-0.41	101.09	4.88	20.88	120.5	17.0	181.2
6/5/2001 15:03	119.16	16.97	RUN 5	-0.41	101.09	4.88	20.88	119.3	17.0	181.0
6/5/2001 15:03	119.86	16.97	RUN 5	-0.41	101.09	4.88	20.88	120.0	17.0	182.0
6/5/2001 15:04	120.09	16.97	RUN 5	-0.41	101.09	4.88	20.88	120.3	17.0	182.4
6/5/2001 15:04	122.19	16.88	RUN 5	-0.41	101.09	4.88	20.88	122.4	16.9	181.2
6/5/2001 15:04	122.65	16.88	RUN 5	-0.41	101.09	4.88	20.88	122.8	16.9	181.9
6/5/2001 15:04	123.12	16.85	RUN 5	-0.41	101.09	4.88	20.88	123.3	16.9	181.1
6/5/2001 15:05	123.12	16.85	RUN 5	-0.41	101.09	4.88	20.88	123.3	16.9	181.1
6/5/2001 15:05	123.58	16.85	RUN 5	-0.41	101.09	4.88	20.88	123.7	16.9	181.8
6/5/2001 15:05	121.49	16.91	RUN 5	-0.41	101.09	4.88	20.88	121.7	16.9	181.5
6/5/2001 15:05	120.79	16.94	RUN 5	-0.41	101.09	4.88	20.88	121.0	17.0	181.9
6/5/2001 15:06	121.72	16.91	RUN 5	-0.41	101.09	4.88	20.88	121.9	16.9	181.9
6/5/2001 15:06	121.25	16.94	RUN 5	-0.41	101.09	4.88	20.88	121.4	17.0	182.6
6/5/2001 15:06	123.58	16.88	RUN 5	-0.41	101.09	4.88	20.88	123.7	16.9	183.2
6/5/2001 15:06	124.05	16.85	RUN 5	-0.41	101.09	4.88	20.88	124.2	16.9	182.5
6/5/2001 15:07	123.58	16.85	RUN 5	-0.41	101.09	4.88	20.88	123.7	16.9	181.8
6/5/2001 15:07	122.19	16.91	RUN 5	-0.41	101.09	4.88	20.88	122.4	16.9	182.6
6/5/2001 15:07	123.58	16.85	RUN 5	-0.41	101.09	4.88	20.88	123.7	16.9	181.8
6/5/2001 15:07	124.28	16.85	RUN 5	-0.41	101.09	4.88	20.88	124.4	16.9	182.8
6/5/2001 15:08	124.98	16.82	RUN 5	-0.41	101.09	4.88	20.88	125.1	16.9	182.4
6/5/2001 15:08	123.12	16.85	RUN 5	-0.41	101.09	4.88	20.88	123.3	16.9	181.1
6/5/2001 15:08	121.02	16.94	RUN 5	-0.41	101.09	4.88	20.88	121.2	17.0	182.3
6/5/2001 15:08	122.65	16.91	RUN 5	-0.41	101.09	4.88	20.88	122.8	16.9	183.3
6/5/2001 15:09	124.05	16.85	RUN 5	-0.41	101.09	4.88	20.88	124.2	16.9	182.5
6/5/2001 15:09	124.05	16.85	RUN 5	-0.41	101.09	4.88	20.88	124.2	16.9	182.5
6/5/2001 15:09	125.45	16.82	RUN 5	-0.41	101.09	4.88	20.88	125.6	16.9	183.1
6/5/2001 15:09	124.05	16.85	RUN 5	-0.41	101.09	4.88	20.88	124.2	16.9	182.5
6/5/2001 15:10	123.58	16.85	RUN 5	-0.41	101.09	4.88	20.88	123.7	16.9	181.8
6/5/2001 15:10	122.19	16.88	RUN 5	-0.41	101.09	4.88	20.88	122.4	16.9	181.2
6/5/2001 15:10	123.42	16.84	RUN 5	-0.41	101.09	4.88	20.88	123.6	16.9	181.4
6/5/2001 15:11	121.95	16.91	RUN 5	-0.41	101.09	4.88	20.88	122.1	16.9	182.2
6/5/2001 15:11	124.05	16.85	RUN 5	-0.41	101.09	4.88	20.88	124.2	16.9	182.5
6/5/2001 15:11	124.05	16.85	RUN 5	-0.41	101.09	4.88	20.88	124.2	16.9	182.5
6/5/2001 15:11	120.56	16.94	RUN 5	-0.41	101.09	4.88	20.88	120.7	17.0	181.6
6/5/2001 15:12	120.79	16.94	RUN 5	-0.41	101.09	4.88	20.88	121.0	17.0	181.9
6/5/2001 15:12	123.58	16.88	RUN 5	-0.41	101.09	4.88	20.88	123.7	16.9	183.2
6/5/2001 15:12	121.95	16.91	RUN 5	-0.41	101.09	4.88	20.88	122.1	16.9	182.2
6/5/2001 15:12	121.72	16.92	RUN 5	-0.41	101.09	4.88	20.88	121.9	17.0	182.3
			RUN 5 Average					123.4	16.9	182.7
6/5/2001 15:13	118.23	20.07	STANDBY							
6/5/2001 15:13	96.34	20.70	STANDBY							
6/5/2001 15:13	97.74	20.83	STANDBY							
6/5/2001 15:13	99.60	20.86	STANDBY							
6/5/2001 15:14	100.30	20.86	STANDBY							
6/5/2001 15:14	100.53	20.86	STANDBY							
			STANDBY Average							
6/5/2001 15:14	100.76	20.86	101.3 NOX, 20.9 O2							
6/5/2001 15:14	100.76	20.86	101.3 NOX, 20.9 O2							
6/5/2001 15:15	100.76	20.86	101.3 NOX, 20.9 O2							
6/5/2001 15:15	101.00	20.86	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/5/2001 15:15	8.72	20.86	STANDBY							
6/5/2001 15:15	28.81	13.56	STANDBY							
6/5/2001 15:16	5.76	6.85	STANDBY							
6/5/2001 15:16	5.57	5.47	STANDBY							
6/5/2001 15:16	5.09	5.19	STANDBY							
6/5/2001 15:16	5.29	4.97	STANDBY							
6/5/2001 15:17	5.53	4.94	STANDBY							
6/5/2001 15:17	5.53	4.91	STANDBY							
			STANDBY Average							
6/5/2001 15:17	5.53	4.88	ZERO NOX, 4.97 O2							
6/5/2001 15:17	5.53	4.88	ZERO NOX, 4.97 O2							
6/5/2001 15:18	5.53	4.88	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/5/2001 15:18	85.95	8.86	STANDBY							
6/5/2001 15:18	114.54	15.74	STANDBY							
6/5/2001 15:19	91.79	16.41	STANDBY							
6/5/2001 15:19	120.32	16.91	STANDBY							
6/5/2001 15:19	91.79	16.91	STANDBY							
6/5/2001 15:19	120.79	16.88	STANDBY							
6/5/2001 15:19	120.79	16.88	STANDBY							
			STANDBY Average							
6/5/2001 15:20	120.79	16.88	RUN 6	-0.41	101.09	4.88	20.88	121.0	16.9	181.6
6/5/2001 15:20	120.32	16.88	RUN 6	-0.41	101.09	4.88	20.88	120.5	16.9	180.9
6/5/2001 15:20	120.32	16.88	RUN 6	-0.41	101.09	4.88	20.88	120.5	16.9	180.9

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.87 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 15:20	121.02	16.94	RUN 6	-0.41	100.85	4.88	20.88	121.5	17.0	182.7
6/5/2001 15:21	119.86	16.97	RUN 6	-0.41	100.85	4.88	20.88	120.3	17.0	182.4
6/5/2001 15:21	119.86	16.97	RUN 6	-0.41	100.85	4.88	20.88	120.3	17.0	182.4
6/5/2001 15:21	120.56	16.97	RUN 6	-0.41	100.85	4.88	20.88	121.0	17.0	183.5
6/5/2001 15:21	122.65	16.91	RUN 6	-0.41	100.85	4.88	20.88	123.1	16.9	183.7
6/5/2001 15:22	123.35	16.88	RUN 6	-0.41	100.85	4.88	20.88	123.8	16.9	183.3
6/5/2001 15:22	122.88	16.88	RUN 6	-0.41	100.85	4.88	20.88	123.3	16.9	182.6
6/5/2001 15:22	124.98	16.82	RUN 6	-0.41	100.85	4.88	20.88	125.4	16.9	182.9
6/5/2001 15:22	126.14	16.78	RUN 6	-0.41	100.85	4.88	20.88	126.6	16.8	183.2
6/5/2001 15:23	125.91	16.78	RUN 6	-0.41	100.85	4.88	20.88	126.4	16.8	182.8
6/5/2001 15:23	123.82	16.85	RUN 6	-0.41	100.85	4.88	20.88	124.3	16.9	182.6
6/5/2001 15:23	124.98	16.82	RUN 6	-0.41	100.85	4.88	20.88	125.4	16.9	182.9
6/5/2001 15:23	127.31	16.75	RUN 6	-0.41	100.85	4.88	20.88	127.8	16.8	183.4
6/5/2001 15:24	126.61	16.75	RUN 6	-0.41	100.85	4.88	20.88	127.1	16.8	182.4
6/5/2001 15:24	126.61	16.78	RUN 6	-0.41	100.85	4.88	20.88	127.1	16.8	183.8
6/5/2001 15:24	126.14	16.78	RUN 6	-0.41	100.85	4.88	20.88	126.6	16.8	183.2
6/5/2001 15:24	123.82	16.85	RUN 6	-0.41	100.85	4.88	20.88	124.3	16.9	182.6
6/5/2001 15:25	123.12	16.88	RUN 6	-0.41	100.85	4.88	20.88	123.6	16.9	183.0
6/5/2001 15:25	126.38	16.78	RUN 6	-0.41	100.85	4.88	20.88	126.8	16.8	183.5
6/5/2001 15:25	126.01	16.72	RUN 6	-0.41	100.85	4.88	20.88	126.5	16.8	183.0
6/5/2001 15:25	126.84	16.75	RUN 6	-0.41	100.85	4.88	20.88	127.3	16.8	182.7
6/5/2001 15:26	125.91	16.78	RUN 6	-0.41	100.85	4.88	20.88	126.4	16.8	182.8
6/5/2001 15:26	125.91	16.78	RUN 6	-0.41	100.85	4.88	20.88	126.4	16.8	182.8
6/5/2001 15:26	126.81	16.78	RUN 6	-0.41	100.85	4.88	20.88	127.1	16.8	183.8
6/5/2001 15:26	127.31	16.75	RUN 6	-0.41	100.85	4.88	20.88	127.8	16.8	183.4
6/5/2001 15:27	127.31	16.76	RUN 6	-0.41	100.85	4.88	20.88	127.8	16.8	183.4
6/5/2001 15:27	125.91	16.78	RUN 6	-0.41	100.85	4.88	20.88	126.4	16.8	182.8
6/5/2001 15:27	125.21	16.82	RUN 6	-0.41	100.85	4.88	20.88	125.7	16.9	183.2
6/5/2001 15:27	125.68	16.82	RUN 6	-0.41	100.85	4.88	20.88	126.1	16.9	183.9
6/5/2001 15:28	123.12	16.88	RUN 6	-0.41	100.85	4.88	20.88	123.6	16.9	183.0
6/5/2001 15:28	125.45	16.82	RUN 6	-0.41	100.85	4.88	20.88	125.9	16.9	183.5
6/5/2001 15:28	126.61	16.78	RUN 6	-0.41	100.85	4.88	20.88	127.1	16.8	183.8
6/5/2001 15:28	125.21	16.82	RUN 6	-0.41	100.85	4.88	20.88	125.7	16.9	183.2
6/5/2001 15:29	126.84	16.78	RUN 6	-0.41	100.85	4.88	20.88	127.3	16.8	184.2
6/5/2001 15:29	127.31	16.78	RUN 6	-0.41	100.85	4.88	20.88	127.8	16.8	184.9
6/5/2001 15:29	124.75	16.85	RUN 6	-0.41	100.85	4.88	20.88	125.2	16.9	183.9
6/5/2001 15:29	124.51	16.85	RUN 6	-0.41	100.85	4.88	20.88	125.0	16.9	183.6
6/5/2001 15:30	125.91	16.82	RUN 6	-0.41	100.85	4.88	20.88	126.4	16.9	184.2
6/5/2001 15:30	126.84	16.78	RUN 6	-0.41	100.85	4.88	20.88	127.3	16.8	184.2
6/5/2001 15:30	127.08	16.78	RUN 6	-0.41	100.85	4.88	20.88	127.5	16.8	184.5
6/5/2001 15:30	126.61	16.78	RUN 6	-0.41	100.85	4.88	20.88	127.1	16.8	183.8
6/5/2001 15:31	124.98	16.85	RUN 6	-0.41	100.85	4.88	20.88	125.4	16.9	184.3
6/5/2001 15:31	124.05	16.88	RUN 6	-0.41	100.85	4.88	20.88	124.5	16.9	184.4
6/5/2001 15:31	125.21	16.85	RUN 6	-0.41	100.85	4.88	20.88	125.7	16.9	184.6
6/5/2001 15:31	124.28	16.88	RUN 6	-0.41	100.85	4.88	20.88	124.7	16.9	184.7
6/5/2001 15:32	127.54	16.78	RUN 6	-0.41	100.85	4.88	20.88	128.0	16.8	185.2
6/5/2001 15:32	129.64	16.72	RUN 6	-0.41	100.85	4.88	20.88	130.1	16.8	185.4
6/5/2001 15:32	128.71	16.72	RUN 6	-0.41	100.85	4.88	20.88	129.2	16.8	184.0
6/5/2001 15:32	125.45	16.82	RUN 6	-0.41	100.85	4.88	20.88	125.9	16.9	183.5
6/5/2001 15:33	125.91	16.85	RUN 6	-0.41	100.85	4.88	20.88	126.4	16.9	185.6
6/5/2001 15:33	124.98	16.85	RUN 6	-0.41	100.85	4.88	20.88	125.4	16.9	184.3
6/5/2001 15:33	125.68	16.82	RUN 6	-0.41	100.85	4.88	20.88	126.1	16.9	183.9
6/5/2001 15:33	125.68	16.82	RUN 6	-0.41	100.85	4.88	20.88	126.1	16.9	183.9
6/5/2001 15:34	126.14	16.82	RUN 6	-0.41	100.85	4.88	20.88	126.6	16.9	184.6
6/5/2001 15:34	125.68	16.85	RUN 6	-0.41	100.85	4.88	20.88	126.1	16.9	185.3
6/5/2001 15:34	125.68	16.85	RUN 6	-0.41	100.85	4.88	20.88	126.1	16.9	185.3
6/5/2001 15:34	128.24	16.78	RUN 6	-0.41	100.85	4.88	20.88	128.7	16.8	186.2
6/5/2001 15:35	128.94	16.75	RUN 6	-0.41	100.85	4.88	20.88	129.4	16.8	185.8
6/5/2001 15:35	128.01	16.75	RUN 6	-0.41	100.85	4.88	20.88	128.5	16.8	184.4
6/5/2001 15:35	127.77	16.75	RUN 6	-0.41	100.85	4.88	20.88	128.2	16.8	184.1
6/5/2001 15:35	127.77	16.78	RUN 6	-0.41	100.85	4.88	20.88	128.2	16.8	185.5
6/5/2001 15:36	128.01	16.78	RUN 6	0.41	100.85	4.88	20.88	128.5	16.8	185.9
6/5/2001 15:36	130.34	16.72	RUN 6	-0.41	100.85	4.88	20.88	130.8	16.8	186.4
6/5/2001 15:36	130.10	16.72	RUN 6	0.41	100.85	4.88	20.88	130.6	16.8	186.0
6/5/2001 15:36	128.01	16.78	RUN 6	0.41	100.85	4.88	20.88	128.5	16.8	185.9
6/5/2001 15:37	130.57	16.72	RUN 6	0.41	100.85	4.88	20.88	131.0	16.8	186.7
6/5/2001 15:37	131.27	16.69	RUN 6	0.41	100.85	4.88	20.88	131.7	16.7	186.8
6/5/2001 15:37	131.03	16.72	RUN 6	0.41	100.85	4.88	20.88	131.5	16.8	187.4
6/5/2001 15:37	132.43	16.69	RUN 6	0.41	100.85	4.88	20.88	132.9	16.7	188.0
6/5/2001 15:38	131.73	16.69	RUN 6	0.41	100.85	4.88	20.88	132.2	16.7	187.8
6/5/2001 15:38	129.64	16.75	RUN 6	0.41	100.85	4.88	20.88	130.1	16.8	186.8
6/5/2001 15:38	129.40	16.75	RUN 6	0.41	100.85	4.88	20.88	129.9	16.8	186.4
6/5/2001 15:38	126.61	16.85	RUN 6	0.41	100.85	4.88	20.88	127.1	16.9	184.1
6/5/2001 15:39	126.84	16.82	RUN 6	0.41	100.85	4.88	20.88	127.3	16.9	184.2
6/5/2001 15:39	126.84	16.82	RUN 6	0.41	100.85	4.88	20.88	127.3	16.9	184.2
6/5/2001 15:39	127.54	16.78	RUN 6	0.41	100.85	4.88	20.88	128.0	16.8	185.2
6/5/2001 15:39	127.08	16.85	RUN 6	0.41	100.85	4.88	20.88	127.5	16.9	184.5
6/5/2001 15:40	127.31	16.82	RUN 6	0.41	100.85	4.88	20.88	127.8	16.9	184.9
6/5/2001 15:40	127.31	16.82	RUN 6	0.41	100.85	4.88	20.88	127.8	16.9	184.9
6/5/2001 15:40	126.84	16.82	RUN 6	0.41	100.85	4.88	20.88	127.3	16.9	184.2
6/5/2001 15:40	126.37	16.85	RUN 6	0.41	100.85	4.88	20.88	126.9	16.9	183.6
			RUN 6 Averages							
6/5/2001 15:41	126.84	16.78	STANDBY							
6/5/2001 15:41	126.87	16.78	STANDBY							
6/5/2001 15:41	127.31	16.75	STANDBY							
6/5/2001 15:41	126.61	16.82	STANDBY							
6/5/2001 15:42	126.57	16.75	STANDBY							
6/5/2001 15:42	126.47	16.82	STANDBY							
[illegible]	[illegible]	[illegible]	STANDBY							

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 15:42	129.87	16.85	STANDBY							
6/5/2001 15:43	122.65	19.26	STANDBY							
6/5/2001 15:43	77.48	20.58	STANDBY							
6/5/2001 15:43	89.59	20.80	STANDBY							
6/5/2001 15:43	97.50	20.86	STANDBY							
6/5/2001 15:44	99.37	20.89	STANDBY							
6/5/2001 15:44	99.83	20.89	STANDBY							
6/5/2001 15:44	100.07	20.89	STANDBY							
6/5/2001 15:44	100.30	20.89	STANDBY							
6/5/2001 15:45	100.53	20.89	STANDBY							
6/5/2001 15:45	100.53	20.89	STANDBY							
6/5/2001 15:45	100.53	20.89	STANDBY							
			STANDBY Average							
6/5/2001 15:45	100.76	20.89	101.3 NOX, 20.9 O2							
6/5/2001 15:46	100.76	20.89	101.3 NOX, 20.9 O2							
6/5/2001 15:46	100.76	20.89	101.3 NOX, 20.9 O2							
6/5/2001 15:46	100.76	20.89	101.3 NOX, 20.9 O2							
6/5/2001 15:46	101.00	20.89	101.3 NOX, 20.9 O2							
6/5/2001 15:47	101.23	20.89	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/5/2001 15:47	80.51	13.90	STANDBY							
6/5/2001 15:47	23.69	6.44	STANDBY							
6/5/2001 15:47	4.60	5.38	STANDBY							
6/5/2001 15:48	0.87	5.10	STANDBY							
6/5/2001 15:48	-0.06	4.97	STANDBY							
6/5/2001 15:48	-0.06	4.94	STANDBY							
6/5/2001 15:48	-0.29	4.91	STANDBY							
			STANDBY Average							
6/5/2001 15:49	-0.29	4.88	ZERO NOX, 4.97 O2							
6/5/2001 15:49	-0.29	4.88	ZERO NOX, 4.97 O2							
6/5/2001 15:49	-0.29	4.88	ZERO NOX, 4.97 O2							
6/5/2001 15:49	-0.29	4.88	ZERO NOX, 4.97 O2							
6/5/2001 15:50	-0.29	4.88	ZERO NOX, 4.97 O2							
6/5/2001 15:50	-0.29	4.88	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/5/2001 15:50	70.96	9.95	STANDBY							
6/5/2001 15:50	129.64	15.15	STANDBY							
6/5/2001 15:51	132.66	16.25	STANDBY							
6/5/2001 15:51	133.13	16.53	STANDBY							
6/5/2001 15:51	134.76	16.56	STANDBY							
6/5/2001 15:51	135.46	16.60	STANDBY							
			STANDBY Average							
6/5/2001 15:52	132.90	16.66	RUN 7	-0.18	101.10	4.90	20.92	133.1	16.7	185.3
6/5/2001 15:52	131.27	16.72	RUN 7	-0.18	101.10	4.90	20.92	131.5	16.7	185.8
6/5/2001 15:52	130.57	16.78	RUN 7	-0.18	101.10	4.90	20.92	130.8	16.8	187.6
6/5/2001 15:52	128.24	16.85	RUN 7	-0.18	101.10	4.90	20.92	128.4	16.8	187.1
6/5/2001 15:53	129.17	16.85	RUN 7	-0.18	101.10	4.90	20.92	129.4	16.8	188.4
6/5/2001 15:53	129.64	16.82	RUN 7	-0.18	101.10	4.90	20.92	129.8	16.8	187.7
6/5/2001 15:53	132.90	16.75	RUN 7	-0.18	101.10	4.90	20.92	133.1	16.8	189.5
6/5/2001 15:53	132.20	16.75	RUN 7	-0.18	101.10	4.90	20.92	132.4	16.8	188.5
6/5/2001 15:54	132.90	16.75	RUN 7	-0.18	101.10	4.90	20.92	133.1	16.8	189.5
6/5/2001 15:54	133.83	16.72	RUN 7	-0.18	101.10	4.90	20.92	134.0	16.7	189.4
6/5/2001 15:54	133.59	16.72	RUN 7	-0.18	101.10	4.90	20.92	133.8	16.7	189.1
6/5/2001 15:54	130.57	16.78	RUN 7	-0.18	101.10	4.90	20.92	130.8	16.8	187.6
6/5/2001 15:55	129.64	16.85	RUN 7	-0.18	101.10	4.90	20.92	129.8	16.8	189.1
6/5/2001 15:55	128.01	16.88	RUN 7	-0.18	101.10	4.90	20.92	128.2	16.9	188.2
6/5/2001 15:55	128.24	16.88	RUN 7	-0.18	101.10	4.90	20.92	128.4	16.9	188.5
6/5/2001 15:55	129.40	16.85	RUN 7	-0.18	101.10	4.90	20.92	129.6	16.8	188.8
6/5/2001 15:56	131.97	16.78	RUN 7	-0.18	101.10	4.90	20.92	132.2	16.8	189.6
6/5/2001 15:56	132.66	16.75	RUN 7	-0.18	101.10	4.90	20.92	132.9	16.8	189.1
6/5/2001 15:56	134.53	16.69	RUN 7	-0.18	101.10	4.90	20.92	134.7	16.7	189.0
6/5/2001 15:56	130.34	16.78	RUN 7	-0.18	101.10	4.90	20.92	130.5	16.8	187.3
6/5/2001 15:57	132.66	16.75	RUN 7	-0.18	101.10	4.90	20.92	132.9	16.8	189.1
6/5/2001 15:57	131.73	16.78	RUN 7	-0.18	101.10	4.90	20.92	131.9	16.8	189.3
6/5/2001 15:57	132.66	16.75	RUN 7	-0.18	101.10	4.90	20.92	132.9	16.8	189.1
6/5/2001 15:57	132.20	16.75	RUN 7	-0.18	101.10	4.90	20.92	132.4	16.8	188.5
6/5/2001 15:58	131.27	16.78	RUN 7	-0.18	101.10	4.90	20.92	131.5	16.8	188.6
6/5/2001 15:58	129.64	16.85	RUN 7	-0.18	101.10	4.90	20.92	129.8	16.8	189.1
6/5/2001 15:58	130.10	16.82	RUN 7	-0.18	101.10	4.90	20.92	130.3	16.8	188.8
6/5/2001 15:58	128.94	16.85	RUN 7	-0.18	101.10	4.90	20.92	129.1	16.8	188.6
6/5/2001 15:59	128.71	16.88	RUN 7	-0.18	101.10	4.90	20.92	128.9	16.9	188.9
6/5/2001 15:59	127.08	16.91	RUN 7	-0.18	101.10	4.90	20.92	127.3	16.9	189.2
6/5/2001 15:59	128.94	16.88	RUN 7	-0.18	101.10	4.90	20.92	129.1	16.9	189.5
6/5/2001 15:59	129.36	16.85	RUN 7	-0.18	101.10	4.90	20.92	129.5	16.8	189.6
6/5/2001 16:00	128.83	16.85	RUN 7	-0.18	101.10	4.90	20.92	129.0	16.8	189.2
6/5/2001 16:00	130.93	16.72	RUN 7	-0.18	101.10	4.90	20.92	131.1	16.7	189.1
6/5/2001 16:00	131.73	16.72	RUN 7	-0.18	101.10	4.90	20.92	131.9	16.7	189.2
6/5/2001 16:00	132.66	16.72	RUN 7	-0.18	101.10	4.90	20.92	132.9	16.8	189.8
6/5/2001 16:01	131.73	16.78	RUN 7	-0.18	101.10	4.90	20.92	131.9	16.8	189.3
6/5/2001 16:01	132.43	16.72	RUN 7	-0.18	101.10	4.90	20.92	132.6	16.8	189.3
6/5/2001 16:01	132.20	16.72	RUN 7	-0.18	101.10	4.90	20.92	132.4	16.8	189.1
6/5/2001 16:02	131.97	16.72	RUN 7	-0.18	101.10	4.90	20.92	132.2	16.8	188.8
6/5/2001 16:02	132.20	16.72	RUN 7	-0.18	101.10	4.90	20.92	132.4	16.8	189.1
6/5/2001 16:02	129.64	16.85	RUN 7	-0.18	101.10	4.90	20.92	129.8	16.8	189.1
6/5/2001 16:03	131.27	16.78	RUN 7	-0.18	101.10	4.90	20.92	131.5	16.8	188.6

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 16:03	131.27	16.82	RUN 7	-0.18	101.10	4.90	20.92	131.5	16.8	190.0
6/5/2001 16:04	130.34	16.85	RUN 7	-0.18	101.10	4.90	20.92	130.5	16.8	190.1
6/5/2001 16:04	128.94	16.88	RUN 7	-0.18	101.10	4.90	20.92	129.1	16.9	189.6
6/5/2001 16:04	128.24	16.91	RUN 7	-0.18	101.10	4.90	20.92	128.4	16.9	190.0
6/5/2001 16:04	129.17	16.88	RUN 7	-0.18	101.10	4.90	20.92	129.4	16.9	189.9
6/5/2001 16:05	127.31	16.94	RUN 7	-0.18	101.10	4.90	20.92	127.5	16.9	190.1
6/5/2001 16:05	129.40	16.88	RUN 7	-0.18	101.10	4.90	20.92	129.6	16.9	190.3
6/5/2001 16:05	128.94	16.88	RUN 7	-0.18	101.10	4.90	20.92	129.1	16.9	189.6
6/5/2001 16:05	127.77	16.91	RUN 7	-0.18	101.10	4.90	20.92	128.0	16.9	189.3
6/5/2001 16:06	129.64	16.88	RUN 7	-0.18	101.10	4.90	20.92	129.8	16.9	190.6
6/5/2001 16:06	131.50	16.82	RUN 7	-0.18	101.10	4.90	20.92	131.7	16.8	190.4
6/5/2001 16:06	131.97	16.82	RUN 7	-0.18	101.10	4.90	20.92	132.2	16.8	191.0
6/5/2001 16:06	131.50	16.82	RUN 7	-0.18	101.10	4.90	20.92	131.7	16.8	190.4
6/5/2001 16:07	130.57	16.85	RUN 7	-0.18	101.10	4.90	20.92	130.8	16.8	190.5
6/5/2001 16:07	132.90	16.78	RUN 7	-0.18	101.10	4.90	20.92	133.1	16.8	190.9
6/5/2001 16:07	132.20	16.78	RUN 7	-0.18	101.10	4.90	20.92	132.4	16.8	189.9
6/5/2001 16:07	132.43	16.76	RUN 7	-0.18	101.10	4.90	20.92	132.6	16.8	190.3
6/5/2001 16:08	134.29	16.75	RUN 7	-0.18	101.10	4.90	20.92	134.5	16.8	191.5
6/5/2001 16:08	135.69	16.69	RUN 7	-0.18	101.10	4.90	20.92	135.9	16.7	190.6
6/5/2001 16:08	134.29	16.72	RUN 7	-0.18	101.10	4.90	20.92	134.5	16.7	190.1
6/5/2001 16:08	131.27	16.78	RUN 7	-0.18	101.10	4.90	20.92	131.5	16.8	188.6
6/5/2001 16:09	132.66	16.75	RUN 7	-0.18	101.10	4.90	20.92	132.9	16.8	189.1
6/5/2001 16:09	131.73	16.78	RUN 7	-0.18	101.10	4.90	20.92	131.9	16.8	189.3
6/5/2001 16:09	130.80	16.82	RUN 7	-0.18	101.10	4.90	20.92	131.0	16.8	189.4
6/5/2001 16:09	129.64	16.85	RUN 7	-0.18	101.10	4.90	20.92	129.6	16.8	189.1
6/5/2001 16:10	127.77	16.91	RUN 7	-0.18	101.10	4.90	20.92	128.0	16.9	189.3
6/5/2001 16:10	128.94	16.88	RUN 7	-0.18	101.10	4.90	20.92	129.1	16.9	189.6
6/5/2001 16:10	129.17	16.88	RUN 7	-0.18	101.10	4.90	20.92	129.4	16.9	189.9
6/5/2001 18:10	130.57	16.82	RUN 7	-0.18	101.10	4.90	20.92	130.8	16.8	189.0
6/5/2001 16:11	130.80	16.82	RUN 7	-0.18	101.10	4.90	20.92	131.0	16.8	189.4
6/5/2001 16:11	128.94	16.85	RUN 7	-0.18	101.10	4.90	20.92	129.1	16.8	188.1
6/5/2001 16:11	130.57	16.82	RUN 7	-0.18	101.10	4.90	20.92	130.8	16.8	189.0
6/5/2001 16:11	133.36	16.72	RUN 7	-0.18	101.10	4.90	20.92	133.6	16.7	188.7
6/5/2001 16:12	133.36	16.72	RUN 7	-0.18	101.10	4.90	20.92	133.6	16.7	188.7
6/5/2001 16:12	132.66	16.72	RUN 7	-0.18	101.10	4.90	20.92	132.9	16.7	187.7
6/5/2001 16:12	129.40	16.82	RUN 7	-0.18	101.10	4.90	20.92	129.6	16.8	187.3
6/5/2001 16:12	131.50	16.78	RUN 7	-0.18	101.10	4.90	20.92	131.7	16.8	188.9
			RUN 7 Average					131.3	16.8	189.1
6/5/2001 16:13	133.83	16.72	STANDBY							
6/5/2001 16:13	134.99	16.69	STANDBY							
6/5/2001 16:13	134.29	16.72	STANDBY							
6/5/2001 16:13	134.76	16.72	STANDBY							
6/5/2001 16:14	133.59	16.88	STANDBY							
6/5/2001 16:14	124.98	19.51	STANDBY							
6/5/2001 16:14	87.26	20.67	STANDBY							
6/5/2001 16:14	95.41	20.86	STANDBY							
6/5/2001 16:15	99.37	20.92	STANDBY							
6/5/2001 16:15	100.30	20.95	STANDBY							
6/5/2001 16:15	100.76	20.95	STANDBY							
6/5/2001 16:15	100.76	20.95	STANDBY							
6/5/2001 16:16	101.00	20.95	STANDBY							
6/5/2001 16:16	101.00	20.95	STANDBY							
			STANDBY Average							
6/5/2001 16:16	101.23	20.95	101.3 NOX, 20.9 O2							
6/5/2001 16:16	101.23	20.95	101.3 NOX, 20.9 O2							
6/5/2001 16:17	101.23	20.92	101.3 NOX, 20.9 O2							
6/5/2001 16:17	101.23	20.95	101.3 NOX, 20.9 O2							
6/5/2001 16:17	101.46	20.95	101.3 NOX, 20.9 O2							
6/5/2001 16:17	101.46	20.95	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/5/2001 16:18	98.67	20.95	STANDBY							
6/5/2001 16:18	46.04	19.45	STANDBY							
6/5/2001 16:18	9.49	9.39	STANDBY							
6/5/2001 16:18	2.04	5.97	STANDBY							
6/5/2001 16:19	0.41	5.25	STANDBY							
6/5/2001 16:19	0.17	5.03	STANDBY							
6/5/2001 16:19	0.17	4.97	STANDBY							
			STANDBY Average							
6/5/2001 16:24	0.00	4.94	ZERO NOX, 4.97 O2							
6/5/2001 16:25	0.00	4.91	ZERO NOX, 4.97 O2							
6/5/2001 16:25	0.00	4.88	ZERO NOX, 4.97 O2							
			ZERO NOX, 4.97 O2 Average							
6/5/2001 16:27	45.13	6.64	STANDBY							
6/5/2001 16:28	122.88	14.96	STANDBY							
6/5/2001 16:28	133.22	16.39	STANDBY							
6/5/2001 16:28	129.64	16.45	STANDBY							
6/5/2001 16:29	129.64	16.29	STANDBY							
6/5/2001 16:29	133.50	16.29	STANDBY							
			STANDBY Average							
6/5/2001 16:30	130.52	16.29	RUN 8	[illegible]	[illegible]	4.90	[illegible]	[illegible]	[illegible]	[illegible]
6/5/2001 16:31	129.57	16.45	RUN 8	[illegible]	[illegible]	4.90	[illegible]	[illegible]	[illegible]	[illegible]
6/5/2001 16:31	129.57	16.45	RUN 8	[illegible]	[illegible]	4.90	[illegible]	[illegible]	[illegible]	[illegible]
6/5/2001 16:31	129.64	16.45	RUN 8	[illegible]	[illegible]	4.90	[illegible]	[illegible]	[illegible]	[illegible]
6/5/2001 16:32	130.52	16.29	RUN 8	[illegible]	[illegible]	4.90	[illegible]	[illegible]	[illegible]	[illegible]
6/5/2001 16:32	130.52	16.29	RUN 8	[illegible]	[illegible]	4.90	[illegible]	[illegible]	[illegible]	[illegible]
6/5/2001 16:33	129.87	16.45	RUN 8	[illegible]	[illegible]	4.90	[illegible]	[illegible]	[illegible]	[illegible]
6/5/2001 16:33	129.57	16.45	RUN 8	[illegible]	[illegible]	4.90	[illegible]	[illegible]	[illegible]	[illegible]
6/5/2001 16:33	130.52	16.29	RUN 8	[illegible]	[illegible]	4.90	[illegible]	[illegible]	[illegible]	[illegible]

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 16:24	133.59	16.72	RUN 8	-0.18	101.17	4.90	20.90	133.7	16.7	189.6
6/5/2001 16:24	133.13	16.72	RUN 8	-0.18	101.17	4.90	20.90	133.2	16.7	188.9
6/5/2001 16:25	132.20	16.75	RUN 8	-0.18	101.17	4.90	20.90	132.3	16.8	189.0
6/5/2001 16:25	133.13	16.72	RUN 8	-0.18	101.17	4.90	20.90	133.2	16.7	188.9
6/5/2001 16:25	131.50	16.78	RUN 8	-0.18	101.17	4.90	20.90	131.6	16.8	189.5
6/5/2001 16:25	133.13	16.72	RUN 8	-0.18	101.17	4.90	20.90	133.2	16.7	188.9
6/5/2001 16:26	133.13	16.72	RUN 8	-0.18	101.17	4.90	20.90	133.2	16.7	188.9
6/5/2001 16:26	132.43	16.72	RUN 8	-0.18	101.17	4.90	20.90	132.5	16.7	188.0
6/5/2001 16:26	133.13	16.72	RUN 8	-0.18	101.17	4.90	20.90	133.2	16.7	188.9
6/5/2001 16:26	130.80	16.78	RUN 8	-0.18	101.17	4.90	20.90	130.9	16.8	188.5
6/5/2001 16:27	132.66	16.75	RUN 8	-0.18	101.17	4.90	20.90	132.8	16.8	189.7
6/5/2001 16:27	134.06	16.69	RUN 8	-0.18	101.17	4.90	20.90	134.2	16.7	188.9
6/5/2001 16:27	134.06	16.69	RUN 8	-0.18	101.17	4.90	20.90	134.2	16.7	188.9
6/5/2001 16:27	134.29	16.69	RUN 8	-0.18	101.17	4.90	20.90	134.4	16.7	189.2
6/5/2001 16:28	133.36	16.72	RUN 8	-0.18	101.17	4.90	20.90	133.5	16.7	189.3
6/5/2001 16:28	130.10	16.82	RUN 8	-0.18	101.17	4.90	20.90	130.2	16.8	188.9
6/5/2001 16:28	132.20	16.75	RUN 8	-0.18	101.17	4.90	20.90	132.3	16.8	189.0
6/5/2001 16:28	131.97	16.75	RUN 8	-0.18	101.17	4.90	20.90	132.1	16.8	188.7
6/5/2001 16:29	129.87	16.82	RUN 8	-0.18	101.17	4.90	20.90	130.0	16.8	188.6
6/5/2001 16:29	129.87	16.82	RUN 8	-0.18	101.17	4.90	20.90	130.0	16.8	188.6
6/5/2001 16:29	129.17	16.85	RUN 8	-0.18	101.17	4.90	20.90	129.3	16.9	189.0
6/5/2001 16:29	130.10	16.85	RUN 8	-0.18	101.17	4.90	20.90	130.2	16.9	190.3
6/5/2001 16:30	130.34	16.82	RUN 8	-0.18	101.17	4.90	20.90	130.5	16.8	189.2
6/5/2001 16:30	127.54	16.91	RUN 8	-0.18	101.17	4.90	20.90	127.7	16.9	189.5
6/5/2001 16:30	127.77	16.91	RUN 8	-0.18	101.17	4.90	20.90	127.9	16.9	189.9
6/5/2001 16:30	130.34	16.85	RUN 8	-0.18	101.17	4.90	20.90	130.5	16.9	190.7
6/5/2001 16:31	131.50	16.82	RUN 8	-0.18	101.17	4.90	20.90	131.6	16.8	190.9
6/5/2001 16:31	131.03	16.82	RUN 8	-0.18	101.17	4.90	20.90	131.1	16.8	190.3
6/5/2001 16:31	130.80	16.82	RUN 8	-0.18	101.17	4.90	20.90	130.9	16.8	189.9
6/5/2001 16:31	131.50	16.78	RUN 8	-0.18	101.17	4.90	20.90	131.6	16.8	189.5
6/5/2001 16:32	128.71	16.88	RUN 8	-0.18	101.17	4.90	20.90	128.8	16.9	189.8
6/5/2001 16:32	128.94	16.88	RUN 8	-0.18	101.17	4.90	20.90	129.1	16.9	190.1
6/5/2001 16:32	130.34	16.85	RUN 8	-0.18	101.17	4.90	20.90	130.5	16.9	190.7
6/5/2001 16:32	132.20	16.78	RUN 8	-0.18	101.17	4.90	20.90	132.3	16.8	190.5
6/5/2001 16:33	132.20	16.75	RUN 8	-0.18	101.17	4.90	20.90	132.3	16.8	189.0
6/5/2001 16:33	131.03	16.82	RUN 8	-0.18	101.17	4.90	20.90	131.1	16.8	190.3
6/5/2001 16:33	132.66	16.75	RUN 8	-0.18	101.17	4.90	20.90	132.8	16.8	189.7
6/5/2001 16:33	130.57	16.82	RUN 8	-0.18	101.17	4.90	20.90	130.7	16.8	189.6
6/5/2001 16:34	130.57	16.82	RUN 8	-0.18	101.17	4.90	20.90	130.7	16.8	189.6
6/5/2001 16:34	131.50	16.78	RUN 8	-0.18	101.17	4.90	20.90	131.6	16.8	189.5
6/5/2001 16:34	130.34	16.82	RUN 8	-0.18	101.17	4.90	20.90	130.5	16.8	189.2
6/5/2001 16:34	133.36	16.75	RUN 8	-0.18	101.17	4.90	20.90	133.5	16.8	190.7
6/5/2001 16:35	133.59	16.72	RUN 8	-0.18	101.17	4.90	20.90	133.7	16.7	189.6
6/5/2001 16:35	130.57	16.82	RUN 8	-0.18	101.17	4.90	20.90	130.7	16.8	189.6
6/5/2001 16:35	129.40	16.85	RUN 8	-0.18	101.17	4.90	20.90	129.5	16.9	189.3
6/5/2001 16:35	131.03	16.82	RUN 8	-0.18	101.17	4.90	20.90	131.1	16.8	190.3
6/5/2001 16:36	131.27	16.82	RUN 8	-0.18	101.17	4.90	20.90	131.4	16.8	190.6
6/5/2001 16:36	132.43	16.78	RUN 8	-0.18	101.17	4.90	20.90	132.5	16.8	190.8
6/5/2001 16:36	131.50	16.82	RUN 8	-0.18	101.17	4.90	20.90	131.6	16.8	190.9
6/5/2001 16:36	130.57	16.82	RUN 8	-0.18	101.17	4.90	20.90	130.7	16.8	189.6
6/5/2001 16:37	129.64	16.85	RUN 8	-0.18	101.17	4.90	20.90	129.8	16.9	189.7
6/5/2001 16:37	130.57	16.85	RUN 8	-0.18	101.17	4.90	20.90	130.7	16.9	191.0
6/5/2001 16:37	133.36	16.75	RUN 8	-0.18	101.17	4.90	20.90	133.5	16.8	190.7
6/5/2001 16:37	131.50	16.78	RUN 8	-0.18	101.17	4.90	20.90	131.6	16.8	189.5
6/5/2001 16:38	130.10	16.85	RUN 8	-0.18	101.17	4.90	20.90	130.2	16.9	190.3
6/5/2001 16:38	131.03	16.85	RUN 8	-0.18	101.17	4.90	20.90	131.1	16.9	191.7
6/5/2001 16:38	131.73	16.82	RUN 8	-0.18	101.17	4.90	20.90	131.8	16.8	191.3
6/5/2001 16:38	131.27	16.82	RUN 8	-0.18	101.17	4.90	20.90	131.4	16.8	190.6
6/5/2001 16:39	132.66	16.78	RUN 8	-0.18	101.17	4.90	20.90	132.8	16.8	191.2
6/5/2001 16:39	132.66	16.75	RUN 8	-0.18	101.17	4.90	20.90	132.8	16.8	189.7
6/5/2001 16:39	131.27	16.82	RUN 8	-0.18	101.17	4.90	20.90	131.4	16.8	190.6
6/5/2001 16:39	132.90	16.78	RUN 8	-0.18	101.17	4.90	20.90	133.0	16.8	191.5
6/5/2001 16:40	131.97	16.82	RUN 8	-0.18	101.17	4.90	20.90	132.1	16.8	191.6
6/5/2001 16:40	130.57	16.85	RUN 8	-0.18	101.17	4.90	20.90	130.7	16.9	191.0
6/5/2001 16:40	129.64	16.88	RUN 8	-0.18	101.17	4.90	20.90	129.8	16.9	191.2
6/5/2001 16:40	129.40	16.88	RUN 8	-0.18	101.17	4.90	20.90	129.5	16.9	190.8
6/5/2001 16:41	129.64	16.85	RUN 8	-0.18	101.17	4.90	20.90	129.8	16.9	191.2
6/5/2001 16:41	130.34	16.85	RUN 8	-0.18	101.17	4.90	20.90	130.5	16.9	192.2
6/5/2001 16:41	129.17	16.88	RUN 8	-0.18	101.17	4.90	20.90	129.3	16.9	190.5
6/5/2001 16:41	129.40	16.88	RUN 8	-0.18	101.17	4.90	20.90	129.5	16.9	190.8
			RUN 8 Average						16.8	189.8
6/5/2001 16:42	129.64	16.88	STANDBY							
6/5/2001 16:42	129.87	16.88	STANDBY							
6/5/2001 16:42	129.64	16.88	STANDBY							
6/5/2001 16:42	129.64	16.88	STANDBY							
6/5/2001 16:43	130.34	16.88	STANDBY							
6/5/2001 16:43	129.40	16.88	STANDBY							
6/5/2001 16:43	129.40	16.88	STANDBY							
6/5/2001 16:43	129.64	16.88	STANDBY							
6/5/2001 16:44	130.57	16.88	STANDBY							
6/5/2001 16:44	131.27	16.88	STANDBY							
6/5/2001 16:44	130.80	16.88	STANDBY							
6/5/2001 16:44	131.03	16.88	STANDBY							
6/5/2001 16:45	129.64	16.88	STANDBY							
6/5/2001 16:45	129.87	16.88	STANDBY							
6/5/2001 16:45	130.57	16.88	STANDBY							
6/5/2001 16:45	130.34	16.88	STANDBY							
			STANDBY Average							

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.87 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 16:46	100.76	20.95	101.3 NOX, 20.9 O2							
6/5/2001 16:46	100.76	20.95	101.3 NOX, 20.9 O2							
6/5/2001 16:46	101.00	20.95	101.3 NOX, 20.9 O2							
6/5/2001 16:47	101.00	20.95	101.3 NOX, 20.9 O2							
6/5/2001 16:47	101.00	20.95	101.3 NOX, 20.9 O2							
6/5/2001 16:47	101.23	20.95	101.3 NOX, 20.9 O2							
6/5/2001 16:47	101.23	20.95	101.3 NOX, 20.9 O2							
6/5/2001 16:48	101.23	20.11	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/5/2001 16:48	76.78	8.61	STANDBY							
6/5/2001 16:46	19.50	5.50	STANDBY							
6/5/2001 16:48	3.67	5.16	STANDBY							
6/5/2001 16:49	0.64	5.03	STANDBY							
6/5/2001 16:49	-0.06	4.94	STANDBY							
6/5/2001 16:49	-0.06	4.94	STANDBY							
6/5/2001 16:49	-0.29	4.91	STANDBY							
			STANDBY Average							
6/5/2001 16:50	-0.29	4.88	0 NOX, 4.97 O2							
6/5/2001 16:50	-0.29	4.88	0 NOX, 4.97 O2							
6/5/2001 16:50	-0.29	4.88	0 NOX, 4.97 O2							
6/5/2001 16:50	-0.29	4.88	0 NOX, 4.97 O2							
			0 NOX, 4.97 O2 Average							
6/5/2001 16:51	3.20	5.16	STANDBY							
6/5/2001 16:51	91.92	11.93	STANDBY							
6/5/2001 16:51	126.24	15.69	STANDBY							
6/5/2001 16:51	132.90	16.41	STANDBY							
6/5/2001 16:52	129.87	16.69	STANDBY							
6/5/2001 16:52	129.17	16.82	STANDBY							
6/5/2001 16:52	130.57	16.82	STANDBY							
6/5/2001 16:52	132.43	16.78	STANDBY							
			STANDBY Average							
6/5/2001 16:53	131.97	16.78	RUN 9	-0.31	101.00	4.87	20.84	132.3	16.9	192.9
6/5/2001 16:53	133.36	16.75	RUN 9	-0.31	101.00	4.87	20.84	133.7	16.8	193.4
6/5/2001 16:53	135.22	16.69	RUN 9	-0.31	101.00	4.87	20.84	135.5	16.8	193.2
6/5/2001 16:53	135.92	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.2	16.7	192.7
6/5/2001 16:54	133.59	16.72	RUN 9	-0.31	101.00	4.87	20.84	133.9	16.8	192.3
6/5/2001 16:54	133.83	16.72	RUN 9	-0.31	101.00	4.87	20.84	134.1	16.8	192.6
6/5/2001 16:54	133.83	16.72	RUN 9	-0.31	101.00	4.87	20.84	134.1	16.8	192.6
6/5/2001 16:54	134.06	16.72	RUN 9	-0.31	101.00	4.87	20.84	134.4	16.8	192.9
6/5/2001 16:55	132.43	16.75	RUN 9	-0.31	101.00	4.87	20.84	132.7	16.8	192.0
6/5/2001 16:55	131.73	16.78	RUN 9	-0.31	101.00	4.87	20.84	132.0	16.9	192.5
6/5/2001 16:55	133.13	16.75	RUN 9	-0.31	101.00	4.87	20.84	133.4	16.8	193.1
6/5/2001 16:55	134.53	16.72	RUN 9	-0.31	101.00	4.87	20.84	134.8	16.8	193.6
6/5/2001 16:56	134.53	16.72	RUN 9	-0.31	101.00	4.87	20.84	134.8	16.8	193.6
6/5/2001 16:56	134.76	16.69	RUN 9	-0.31	101.00	4.87	20.84	135.1	16.8	192.5
6/5/2001 16:56	135.22	16.69	RUN 9	-0.31	101.00	4.87	20.84	135.5	16.8	193.2
6/5/2001 16:56	132.66	16.72	RUN 9	-0.31	101.00	4.87	20.84	133.0	16.8	190.9
6/5/2001 16:57	134.06	16.72	RUN 9	-0.31	101.00	4.87	20.84	134.4	16.8	192.9
6/5/2001 16:57	134.76	16.69	RUN 9	-0.31	101.00	4.87	20.84	135.1	16.8	192.5
6/5/2001 16:57	134.29	16.69	RUN 9	-0.31	101.00	4.87	20.84	134.6	16.8	191.8
6/5/2001 16:57	134.06	16.69	RUN 9	-0.31	101.00	4.87	20.84	134.4	16.8	191.5
6/5/2001 16:58	133.83	16.69	RUN 9	-0.31	101.00	4.87	20.84	134.1	16.8	191.2
6/5/2001 16:58	134.29	16.72	RUN 9	-0.31	101.00	4.87	20.84	134.6	16.8	193.3
6/5/2001 16:58	135.92	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.2	16.7	192.7
6/5/2001 16:58	136.16	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.5	16.7	193.0
6/5/2001 16:59	136.62	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.9	16.7	193.6
6/5/2001 16:59	135.46	16.69	RUN 9	-0.31	101.00	4.87	20.84	135.8	16.8	193.5
6/5/2001 16:59	135.92	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.2	16.7	192.7
6/5/2001 16:59	136.16	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.5	16.7	193.0
6/5/2001 17:00	135.69	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.0	16.7	192.3
6/5/2001 17:00	134.76	16.69	RUN 9	-0.31	101.00	4.87	20.84	135.1	16.8	192.5
6/5/2001 17:00	132.66	16.75	RUN 9	-0.31	101.00	4.87	20.84	133.0	16.9	192.4
6/5/2001 17:00	134.99	16.69	RUN 9	-0.31	101.00	4.87	20.84	135.3	16.8	192.8
6/5/2001 17:01	135.69	16.69	RUN 9	-0.31	101.00	4.87	20.84	136.0	16.8	193.8
6/5/2001 17:01	135.92	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.2	16.7	192.7
6/5/2001 17:01	135.46	16.69	RUN 9	-0.31	101.00	4.87	20.84	135.8	16.8	193.5
6/5/2001 17:01	135.69	16.69	RUN 9	-0.31	101.00	4.87	20.84	136.0	16.8	193.8
6/5/2001 17:02	135.92	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.2	16.7	192.7
6/5/2001 17:02	133.36	16.72	RUN 9	-0.31	101.00	4.87	20.84	133.7	16.8	191.9
6/5/2001 17:02	133.59	16.72	RUN 9	-0.31	101.00	4.87	20.84	133.9	16.8	192.3
6/5/2001 17:02	133.13	16.75	RUN 9	-0.31	101.00	4.87	20.84	133.4	16.8	193.1
6/5/2001 17:03	132.43	16.78	RUN 9	-0.31	101.00	4.87	20.84	132.7	16.9	192.9
6/5/2001 17:03	130.34	16.82	RUN 9	-0.31	101.00	4.87	20.84	130.7	16.9	192.0
6/5/2001 17:03	131.73	16.78	RUN 9	-0.31	101.00	4.87	20.84	132.0	16.9	192.5
6/5/2001 17:03	134.29	16.72	RUN 9	-0.31	101.00	4.87	20.84	134.6	16.8	193.3
6/5/2001 17:04	135.46	16.69	RUN 9	-0.31	101.00	4.87	20.84	135.8	16.8	193.5
6/5/2001 17:04	132.66	16.75	RUN 9	-0.31	101.00	4.87	20.84	133.0	16.9	192.4
6/5/2001 17:04	134.06	16.72	RUN 9	-0.31	101.00	4.87	20.84	134.4	16.8	192.9
6/5/2001 17:05	132.43	16.75	RUN 9	-0.31	101.00	4.87	20.84	132.7	16.8	192.0
6/5/2001 17:05	133.83	16.72	RUN 9	-0.31	101.00	4.87	20.84	134.1	16.8	192.6
6/5/2001 17:05	134.06	16.72	RUN 9	-0.31	101.00	4.87	20.84	134.4	16.8	192.9
6/5/2001 17:05	135.92	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.2	16.7	192.7
6/5/2001 17:06	135.92	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.2	16.7	192.7
6/5/2001 17:06	136.39	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.7	16.7	193.4
6/5/2001 17:06	134.29	16.69	RUN 9	-0.31	101.00	4.87	20.84	134.6	16.8	193.3
6/5/2001 17:07	135.22	16.69	RUN 9	-0.31	101.00	4.87	20.84	135.5	16.8	193.2

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.97 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 17:07	135.69	16.66	RUN 9	-0.31	101.00	4.87	20.84	136.0	16.7	192.3
6/5/2001 17:07	133.59	16.72	RUN 9	-0.31	101.00	4.87	20.84	133.9	16.8	192.3
6/5/2001 17:08	134.99	16.69	RUN 9	-0.31	101.00	4.87	20.84	135.3	16.8	192.8
6/5/2001 17:08	135.46	16.66	RUN 9	-0.31	101.00	4.87	20.84	135.8	16.7	192.0
6/5/2001 17:08	134.06	16.69	RUN 9	-0.31	101.00	4.87	20.84	134.4	16.8	191.5
6/5/2001 17:08	131.50	16.78	RUN 9	-0.31	101.00	4.87	20.84	131.8	16.9	192.2
6/5/2001 17:09	132.20	16.78	RUN 9	-0.31	101.00	4.87	20.84	132.5	16.9	193.2
6/5/2001 17:09	134.29	16.72	RUN 9	-0.31	101.00	4.87	20.84	134.6	16.8	193.3
6/5/2001 17:09	133.59	16.72	RUN 9	-0.31	101.00	4.87	20.84	133.9	16.8	192.3
6/5/2001 17:09	132.90	16.72	RUN 9	-0.31	101.00	4.87	20.84	133.2	16.8	191.3
6/5/2001 17:10	131.03	16.75	RUN 9	-0.31	101.00	4.87	20.84	131.3	16.8	190.0
6/5/2001 17:10	133.13	16.72	RUN 9	-0.31	101.00	4.87	20.84	133.4	16.8	191.6
6/5/2001 17:10	135.46	16.63	RUN 9	-0.31	101.00	4.87	20.84	135.8	16.7	190.6
6/5/2001 17:10	135.92	16.63	RUN 9	-0.31	101.00	4.87	20.84	136.2	16.7	191.2
6/5/2001 17:11	135.46	16.63	RUN 9	-0.31	101.00	4.87	20.84	135.8	16.7	190.6
6/5/2001 17:11	134.76	16.66	RUN 9	-0.31	101.00	4.87	20.84	135.1	16.7	191.0
6/5/2001 17:11	132.43	16.69	RUN 9	-0.31	101.00	4.87	20.84	132.7	16.8	189.2
6/5/2001 17:11	132.43	16.72	RUN 9	-0.31	101.00	4.87	20.84	132.7	16.8	190.6
6/5/2001 17:12	131.27	16.78	RUN 9	-0.31	101.00	4.87	20.84	131.6	16.9	191.9
6/5/2001 17:12	131.27	16.78	RUN 9	-0.31	101.00	4.87	20.84	131.6	16.9	191.9
6/5/2001 17:12	131.03	16.82	RUN 9	-0.31	101.00	4.87	20.84	131.3	16.9	193.0
6/5/2001 17:12	130.80	16.82	RUN 9	-0.31	101.00	4.87	20.84	131.1	16.9	192.6
6/5/2001 17:13	132.66	16.75	RUN 9	-0.31	101.00	4.87	20.84	133.0	16.8	192.4
6/5/2001 17:13	132.66	16.75	RUN 9	-0.31	101.00	4.87	20.84	133.0	16.8	192.4
6/5/2001 17:13	132.90	16.72	RUN 9	-0.31	101.00	4.87	20.84	133.2	16.8	191.3
6/5/2001 17:13	133.59	16.72	RUN 9	-0.31	101.00	4.87	20.84	133.9	16.8	192.3
			RUN 9 Average					134.4	16.8	192.4
6/5/2001 17:14	132.43	16.75	STANDBY							
6/5/2001 17:14	130.34	16.82	STANDBY							
6/5/2001 17:14	131.73	16.78	STANDBY							
6/5/2001 17:14	132.20	16.75	STANDBY							
6/5/2001 17:15	131.73	16.75	STANDBY							
6/5/2001 17:15	119.39	18.13	STANDBY							
6/5/2001 17:15	94.48	20.26	STANDBY							
6/5/2001 17:15	98.67	20.70	STANDBY							
6/5/2001 17:16	100.07	20.80	STANDBY							
6/5/2001 17:16	100.53	20.83	STANDBY							
			STANDBY Average							
6/5/2001 17:16	100.76	20.83	101.3 NOX, 20.9 O2							
6/5/2001 17:16	101.00	20.83	101.3 NOX, 20.9 O2							
6/5/2001 17:17	101.00	20.83	101.3 NOX, 20.9 O2							
6/5/2001 17:17	101.23	20.83	101.3 NOX, 20.9 O2							
6/5/2001 17:17	101.00	20.83	101.3 NOX, 20.9 O2							
6/5/2001 17:17	100.76	20.83	101.3 NOX, 20.9 O2							
6/5/2001 17:18	101.00	20.83	101.3 NOX, 20.9 O2							
			101.3 NOX, 20.9 O2 Average							
6/5/2001 17:18	99.60	20.83	STANDBY							
6/5/2001 17:18	47.44	19.98	STANDBY							
6/5/2001 17:18	9.26	10.33	STANDBY							
6/5/2001 17:19	1.60	6.19	STANDBY							
6/5/2001 17:19	0.41	5.32	STANDBY							
6/5/2001 17:19	-0.06	5.06	STANDBY							
6/5/2001 17:19	-0.06	4.94	STANDBY							
6/5/2001 17:20	-0.06	4.91	STANDBY							
			STANDBY Average							
6/5/2001 17:20	-0.29	4.88	0 NOX, 4.97 O2							
6/5/2001 17:20	-0.29	4.88	0 NOX, 4.97 O2							
6/5/2001 17:20	-0.29	4.85	0 NOX, 4.97 O2							
6/5/2001 17:21	-0.29	4.85	0 NOX, 4.97 O2							
6/5/2001 17:21	-0.29	4.85	0 NOX, 4.97 O2							
6/5/2001 17:21	-0.29	4.85	0 NOX, 4.97 O2							
6/5/2001 17:22	-0.53	4.85	0 NOX, 4.97 O2							
			0 NOX, 4.97 O2 Average							
6/5/2001 17:22	-0.53	5.07	STANDBY							
6/5/2001 17:22	-0.53	5.25	STANDBY							
6/5/2001 17:23	-0.53	5.41	STANDBY							
6/5/2001 17:23	-0.53	5.57	STANDBY							
6/5/2001 17:23	-0.53	5.69	STANDBY							
6/5/2001 17:23	-0.53	5.81	STANDBY							
6/5/2001 17:24	-0.53	5.90	STANDBY							
6/5/2001 17:24	-0.53	5.98	STANDBY							
6/5/2001 17:24	-0.53	6.04	STANDBY							
6/5/2001 17:24	-0.53	6.09	STANDBY							
6/5/2001 17:25	-0.53	6.13	STANDBY							
6/5/2001 17:25	-0.53	6.16	STANDBY							
6/5/2001 17:25	-0.53	6.18	STANDBY							
6/5/2001 17:25	-0.53	6.20	STANDBY							
6/5/2001 17:26	-0.53	6.21	STANDBY							
6/5/2001 17:26	-0.53	6.22	STANDBY							
6/5/2001 17:26	-0.53	6.23	STANDBY							
6/5/2001 17:26	-0.53	6.24	STANDBY							
6/5/2001 17:27	-0.53	6.24	STANDBY							
6/5/2001 17:27	-0.53	6.25	STANDBY							
6/5/2001 17:27	-0.53	6.25	STANDBY							
6/5/2001 17:27	-0.53	6.25	STANDBY							
6/5/2001 17:28	-0.53	6.25	STANDBY							
6/5/2001 17:28	-0.53	6.25	STANDBY							
6/5/2001 17:28	-0.53	6.25	STANDBY							
6/5/2001 17:28	-0.53	6.25	STANDBY							
6/5/2001 17:29	-0.53	6.25	STANDBY							
6/5/2001 17:29	-0.53	6.25	STANDBY							
6/5/2001 17:29	-0.53	6.25	STANDBY							
6/5/2001 17:29	-0.53	6.25	STANDBY							
6/5/2001 17:30	-0.53	6.25	STANDBY							

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Time	NOx ppm	OXYGEN %	COMMENTS	Nox 0 Response	Nox 101.3	O2 4.87 RESPONSE	O2 20.9	CORRECTED NOX, ppm	CORRECTED O2, %	Nox CORRECTED TO 15% O2
6/5/2001 17:28	-1.22	20.80	STANDBY							
6/5/2001 17:28	-1.92	20.80	STANDBY							
6/5/2001 17:29	-1.69	20.76	STANDBY							
6/5/2001 17:29	-1.46	20.73	STANDBY							
6/5/2001 17:29	-1.69	20.73	STANDBY							
6/5/2001 17:29	-1.69	20.73	STANDBY							
6/5/2001 17:30	-1.92	21.39	STANDBY							
6/5/2001 17:30	-1.92	21.86	STANDBY							
6/5/2001 17:30	-1.92	21.92	STANDBY							
6/5/2001 17:30	-1.92	21.92	STANDBY							
6/5/2001 17:31	-1.92	21.92	STANDBY							
6/5/2001 17:31	-1.69	21.89	STANDBY							
6/5/2001 17:31	-1.92	21.86	STANDBY							
			STANDBY Average							
			Grand Average							

6/5/01 JEA Kennedy CTS W/O Foggers

12:30 START INITIAL CALIBRATIONS

4.97% O_2 / 0 NOx
11.9 % O_2 / 0 NOx
20.9% O_2 / 200.4 NOx
20.9% O_2 / 101.3 NOx

START Run 1 1245 - 1306
101.3 / 20.9
0 / 4.97 VE START

START Run 2 1315 - 1345
101.3 / 20.9
0 / 4.97

START Run 3 1353 - 1414 VE END
101.3 / 20.9
0 / 4.97

START Run 4 1422 - 1443
101.3 / 20.9
0 / 4.97

START Run 5 1452 - 1513
101.3 / 20.9
0 / 4.97

START Run 6 1520 - 1541
101.3 / 20.9
0 / 4.97

START Run 7 1552 - 1612
101.3 / 20.9
0 / 4.97

START Run 8 1622 - 1643
101.3 / 20.9
0 / 4.97

START Run 9 1653 - 1714
101.3 / 20.9
0 / 4.97

6/4/01

JEA Kennedy #5 Teledyne NO_x / O_2 Test Foggers ON

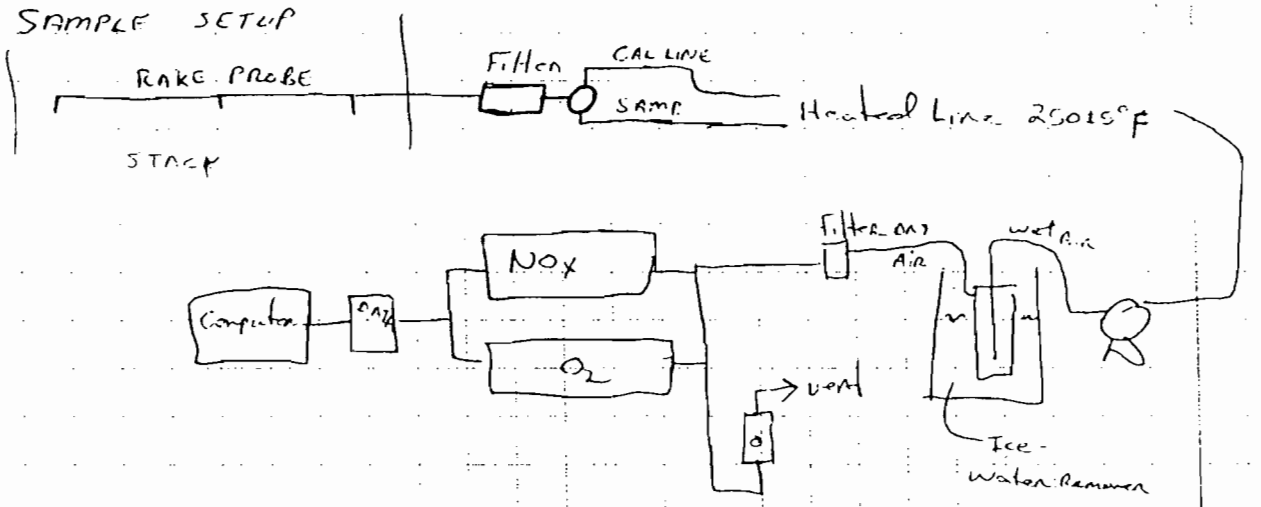
Probe in Stack 13:50

	NO_x	O_2
4.97 % O_2 / 0 NO_x	0.028 = -0.6	4.81
11.9 % O_2 / 0 NO_x		11.83
200.4 ppm NO_x / 20.9 O_2	0.904 = 199.9	20.92
101.3 NO_x / 20.9 O_2	0.480 = 102.9	

Response time ~ 50-60 SEC
ON LINE 14:09

Ov = -7.0981 Iv = 221.65

SAMPLE SETUP



EQUIPMENT

NO_x Analyzer - TEI 42H-48047-279
O_2 Analyzer - Teledyne - 142142

NO_x 200.4	CC69537	850 PSI	exp	10-01
NO_x 101.3	CC4555	1600 PSI	exp	4-02
O_2 11.9%	SG 9162947	2000 PSI	exp	9-03
O_2 4.97%	SG 9149509	1150 PSI	exp	3-04

START RUN 1 @ 1435
1456

101.3 NO_x / 20.9 O_2
4.97 O_2 / 0 NO_x

JEA #5 Turbine NO_x/O_2 Test 6/4/01

1530
POST RUN 2 CALS -

101.3 NO_x / 20.9 O_2
0 NO_x / 4.97 O_2

START RUN 3 1538 - 1559

101.3 NO_x / 20.9 O_2
0 NO_x / 4.97 O_2

RH 56 92/79

START RUN 4 ~~1609 - 1630~~ 1632 - 1652 ~~1620~~ - VALVE STUCK IN CAL PSN Replaced

101.3 / 20.9
0 / 4.97

Increasing Clouds Temp dropping Rain to west - North

START RUN 5 1657 - 1718

101.3 / 20.9
0 / 4.97

START RUN 6 1726 - 1747 75/83 69%

101.9 / 20.9
0 / 4.97

START RUN 7 1753 - 1814

101.9 / 20.9
0 / 4.97

START RUN 8 1821 - 1842

101.9 / 20.9
0 / 4.97

82/75 = 72% RH

START RUN 9 18:48 → 19:09
101.9 / 20.9
0 / 4.97

APPENDIX B

CALIBRATION DATA

CALIBRATION SUMMARY WITH FOGGERS ON

JEA - KGS #5 TURBINE CALIBRATION GAS SUMMARY WITH FOGGERS

OXIDES OF NITROGEN 0 - 225 ppm

CALIBRATION GAS VALUE	INITIAL CALIBRATION	CALIBRATION ERROR, % SPAN	POST RUN 1	POST RUN 2	POST RUN 3	POST RUN 4	POST RUN 5	POST RUN 6	POST RUN 7	POST RUN 8	POST RUN 9
0.00	-0.73	-0.32	-1.15	-0.86	-0.92	-1.00	-1.84	-1.93	-1.55	-2.07	-1.84
101.30	102.84	0.68	101.79	100.46	99.59	99.38	101.00	101.44	100.51	100.57	100.81
200.40	199.69	-0.32	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Co	N/A	N/A	-0.94	-1.01	-0.89	-0.96	-1.42	-1.89	-1.74	-1.81	-1.96
Cm	N/A	N/A	102.32	101.13	100.03	99.49	100.19	101.22	100.98	100.54	100.69
Cma	N/A	N/A	101.30	101.30	101.30	101.30	101.30	101.30	101.30	101.30	101.30
Cdo	N/A	N/A	-0.19	-0.06	-0.08	-0.12	-0.49	-0.53	-0.36	-0.60	-0.49
Cdma	N/A	N/A	-0.47	-1.06	-1.44	-1.54	-0.82	-0.62	-1.04	-1.01	-0.90

OXYGEN 0 - 25 %

CALIBRATION GAS VALUE	INITIAL CALIBRATION	CALIBRATION ERROR, % SPAN	POST RUN 1	POST RUN 2	POST RUN 3	POST RUN 4	POST RUN 5	POST RUN 6	POST RUN 7	POST RUN 8	POST RUN 9
4.97	4.81	-0.64	4.92	4.88	4.88	4.94	4.94	4.95	4.94	4.94	4.92
20.90	20.92	0.08	20.89	20.79	20.92	20.96	21.00	20.98	20.95	20.87	20.69
11.90	11.83	-0.28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Co	N/A	N/A	4.87	4.90	4.88	4.91	4.94	4.95	4.95	4.94	4.93
Cm	N/A	N/A	20.91	20.84	20.86	20.94	20.98	20.99	20.97	20.91	20.78
Cma	N/A	N/A	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90
Cmao	N/A	N/A	4.97	4.97	4.97	4.97	4.97	4.97	4.97	4.97	4.97
Cdo	N/A	N/A	0.44	0.28	0.28	0.52	0.52	0.56	0.52	0.52	0.44
Cdma	N/A	N/A	-0.12	-0.52	0.00	0.16	0.32	0.24	0.12	-0.20	-0.92

CALIBRATION SUMMARY WITH FOGGERS OFF

JEA - KGS #5 TURBINE CALIBRATION GAS SUMMARY W/O FOGGERS

OXIDES OF NITROGEN 0 - 225 ppm

CALIBRATION GAS VALUE	INITIAL CALIBRATION	CALIBRATION ERROR, % SPAN	POST RUN 1	POST RUN 2	POST RUN 3	POST RUN 4	POST RUN 5	POST RUN 6	POST RUN 7	POST RUN 8	POST RUN 9
0.00	-1.25	-0.56	0.87	0.41	0.25	-0.29	-0.53	-0.29	-0.06	-0.29	-0.32
101.30	101.49	0.08	103.12	102.41	101.76	101.35	100.82	100.88	101.31	101.03	100.96
200.40	198.83	-0.70	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Co	N/A	N/A	-0.19	0.64	0.33	-0.02	-0.41	-0.41	-0.18	-0.18	-0.31
Cm	N/A	N/A	102.31	102.77	102.09	101.56	101.09	100.85	101.10	101.17	101.00
Cma	N/A	N/A	101.30	101.30	101.30	101.30	101.30	101.30	101.30	101.30	101.30
Cdo	N/A	N/A	0.94	0.74	0.67	0.43	0.32	0.43	0.53	0.43	0.41
Cdma	N/A	N/A	0.72	0.41	0.12	-0.06	-0.30	-0.27	-0.08	-0.20	-0.24

OXYGEN 0 - 25 %

CALIBRATION GAS VALUE	INITIAL CALIBRATION	CALIBRATION ERROR, % SPAN	POST RUN 1	POST RUN 2	POST RUN 3	POST RUN 4	POST RUN 5	POST RUN 6	POST RUN 7	POST RUN 8	POST RUN 9
4.97	4.89	-0.32	4.90	4.88	4.88	4.88	4.88	4.88	4.91	4.88	4.85
20.90	20.87	-0.12	20.91	20.92	20.92	20.89	20.86	20.89	20.95	20.85	20.83
11.90	11.93	0.12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Co	N/A	N/A	4.90	4.89	4.88	4.88	4.88	4.88	4.90	4.90	4.87
Cm	N/A	N/A	20.89	20.92	20.92	20.91	20.88	20.88	20.92	20.90	20.84
Cma	N/A	N/A	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90	20.90
Cmao	N/A	N/A	4.97	4.97	4.97	4.97	4.97	4.97	4.97	4.97	4.97
Cdo	N/A	N/A	0.04	-0.04	-0.04	-0.04	-0.04	-0.04	0.08	-0.04	-0.16
Cdma	N/A	N/A	0.16	0.20	0.20	0.08	-0.04	0.08	0.32	-0.08	-0.16

CALIBRATION GAS CERTIFICATES

Airgas
Specialty Gases
) Hamilton Blvd.
.odore, AL 36582
P.O. Box 190969
Mobile, AL 36619
Phone: (334) 653-2500
FAX. (334) 653-2530

Certificate of Analysis: E.P.A. Protocol Gas Mixture

Cylinder No :	CC4555	Order No.	383678
Cylinder Pressure:	2000PSIG	Expiration Date:	4/4/02
Certification Date	4/4/00	Laboratory:	ASG-MOBILE

Reference Standard Information:

Type	Component	Cyl. Number	Concentration
NTRM81684	NITRIC OXIDE	CC66785	96.9PPM

Instrumentation:

Instrument/Model/Serial No.	Analytical Principle
ECOPhysics/CLD700EL/72411	Chemiluminescence

Analytical Methodology does not require correction for analytical interferences.

Certified Concentrations:

Component	Concentration		Accuracy	Procedure
NITRIC OXIDE	101.3	PPM	+/-1%	G1
NOX	101.3	PPM		
NITROGEN	Balance			

Analytical Results:

1st Component: NITRIC OXIDE

1st Analysis Date: 3/23/00

R	96.80	S	101.4	Z	0.000	Conc	101.5
S	101.2	Z	0.000	R	96.70	Conc	101.4
Z	0.000	R	97.00	S	101.7	Conc	101.6
						AVG:	101.5

2nd Analysis Date: 4/4/00

R	96.80	S	101.2	Z	0.000	Conc	101.3
S	101.1	Z	0.000	R	97.00	Conc	101.0
Z	0.000	R	96.90	S	101.1	Conc	101.1
						AVG	101.1

Certification performed in accordance with "EPA Traceability Protocol (Sept. 1997)" using the assay procedures listed.

Do not use cylinder below 150 psig

Approved for Release

Airgas
Specialty Gases
1 Hamilton Blvd.
Dodore, AL 36582
P.O. Box 190969
Mobile, AL 36619
Phone (334) 653-2500
FAX (334) 653-2530

Certificate of Analysis: E.P.A. Protocol Gas Mixture

Cylinder No :	CC69537	Order No.	356005
Cylinder Pressure:	2000PSIG	Expiration Date:	10/15/01
Certification Date	10/15/99	Laboratory:	ASG-MOBILE

Reference Standard Information:

Type	Component	Cyl. Number	Concentration
NTRM81687	NITRIC OXIDE	CC50030	980PPM

Instrumentation:

Instrument/Model/Serial No.	Analytical Principle
ECOPhysics/CLD700EL/72411	Chemiluminescence

Analytical Methodology does not require correction for analytical interferences.

Certified Concentrations:

Component	Concentration		Accuracy	Procedure
NITRIC OXIDE	197.9	PPM	+/-1%	G1
NOX	200.4	PPM		
NITROGEN	Balance			

Analytical Results:

1st Component: NITRIC OXIDE

1st Analysis Date: 10/8/99

R	978.0	S	198.0	Z	0.000	Conc	198.4
S	198.0	Z	0.000	R	980.0	Conc	198.0
Z	0.000	R	981.0	S	198.0	Conc	197.8
						AVG:	198.1

2nd Analysis Date: 10/15/99

R	980.0	S	197.0	Z	0.000	Conc	197.0
S	198.0	Z	0.000	R	980.0	Conc	198.0
Z	0.000	R	980.0	S	198.0	Conc	198.0
						AVG.	197.7

Certification performed in accordance with "EPA Traceability Protocol (Sept. 1997)" using the assay procedures listed.

Do not use cylinder below 150 psig.

Buckett M. Richardson
Approved for Release

For Technical Information Call
1-800-752-1597

AIR PRODUCTS

Air Products and Chemicals, Inc. * 12722 S. Wentworth Avenue, Chicago, IL 60628

ISO CERTIFICATION: 9002

CERTIFICATE OF ANALYSIS: EPA PROTOCOL GAS STANDARD

PERFORMED ACCORDING TO EPA TRACEABILITY PROTOCOL FOR ASSAY AND CERTIFICATION OF GASEOUS CALIBRATION STANDARDS (PROCEDURE #G1)

Customer: 834 -1
APCI - GREENVILLE
101 MOUNTAIN RIDGE DRIVE
TAYLORS SC 29687

Order No: 833083827-01
Batch No: 86180527
PO:
Release:

Cylinder No: SG9149509BAL
Bar Code No: FAF784
Cylinder Pressure*: 2000 psig
Certification Date: 03/14/2001
Expiration Date: 03/14/2004

CERTIFIED CONCENTRATION		REFERENCE STANDARDS			ANALYTICAL INSTRUMENTATION			
Component	Certified Concentration	Cylinder Number	Standard Type	Standard Concentration	Instrument Make/Model	Serial Number	Last Calibration	Measurement Principal
OXYGEN	4.97±.026 %	SG9198967BAL	NTRM 82657X	4.521 %	SERVOMEX 1100	2974C	03/11/01	PARAMAGNETIC

NITROGEN Balance Gas

* STANDARD SHOULD NOT BE USED BELOW 150 PSIG

EPA PROTOCOL GAS MIXTURE : OXYGEN IN NITROGEN
To reorder this mixture please use Mix ID: 17830

Analyst: Suzanne Hunter

Approved By: James Laas
James Laas

65

For Technical Information Call
1-800-752-1597

AIR PRODUCTS

Air Products and Chemicals, Inc. * 12722 S. Wentworth Avenue, Chicago, IL 60628

ISO CERTIFICATION: 9002

CERTIFICATE OF ANALYSIS: EPA PROTOCOL GAS STANDARD

PERFORMED ACCORDING TO EPA TRACEABILITY PROTOCOL FOR ASSAY AND CERTIFICATION OF GASEOUS CALIBRATION STANDARDS (PROCEDURE #G1)

Customer: 239 -1
APCI
2710 BROADWAY
CAMDEN NJ 08104-

Order No: SRP545682-06
Batch No: 86173889
PO:
Release:

Cylinder No: SG9162947BAL
Bar Code No: DUK577
Cylinder Pressure*: 2000 psig
Certification Date: 09/22/2000
Expiration Date: 09/22/2003

CERTIFIED CONCENTRATION		REFERENCE STANDARDS			ANALYTICAL INSTRUMENTATION			
Component	Certified Concentration	Cylinder Number	Standard Type	Standard Concentration	Instrument Make/Model	Serial Number	Last Calibration	Measurement Principal
OXYGEN	11.9±0.06 %	SG909740ALB	NTRM	16.04 %	SERVOMEX 1100	2974C	09/11/00	PARAMAGNETIC

NITROGEN Balance Gas

* STANDARD SHOULD NOT BE USED BELOW 150 PSIG

To reorder this mixture please use Mix ID: 20348

Analyst: HOLLY HATTENDORF

Approved By: JAMES LAAS

99

(1602)1

APPENDIX C

VISIBLE EMISSIONS

BEST AVAILABLE COPY

T S I	TECHNICAL SERVICES, INC 2901 DANESE STREET JACKSONVILLE, FLORIDA 32206 OFFICE 904 - 353 - 5761 FAX 904 - 358 - 2908

PAGE 1 OF 1

START TIME 1305 END TIME 1405

OBSERVATION DATE 6-5-01 TIME ZONE EST

FACILITY JEA

SOURCE CT-5

ADDRESS

CITY Jax STATE FL ZIP

PHONE SOURCE ID NO.

PROCESS Turbine OPERATING MODE

CONTROL EQUIP. OPERATING MODE

DESCRIBE EMISSION POINT
Rectangular Stack ~12'X5'

HEIGHT OF EMISSION POINT
START ~21' END ✓

HEIGHT RELATIVE TO OBSERVER
START ~20' END ✓

DISTANCE TO EMISSIONS POINT
START ~100 END

DIRECTION TO EM. PT.
START 120° END

VERTICAL ANGLE TO OBS. PT.
START 5° END ✓

DESCRIBE EMISSIONS
START Clear END ✓

EMISSION COLOR
START Clear END ✓

WATER DROPLET PLUME YES (NO)
ATTACHED DETACHED

DESCRIBE PLUME BACKGROUND
START Sky END ✓

BACKGROUND COLOR
START Blue/White END

SKY CONDITION
START Scattered Clouds END

WIND SPEED
START 3-5 mph END ✓

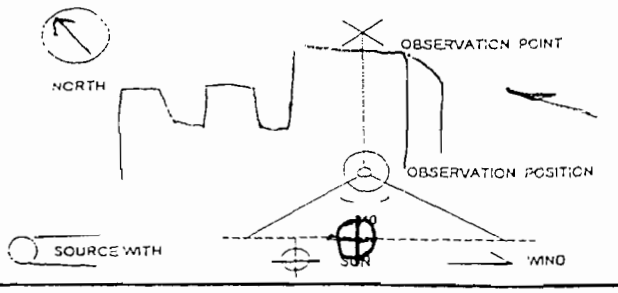
WIND DIRECTION
START Southeasterly END ✓

AMBIENT TEMPERATURE	WET BULB TEMP	%RH
START 94 END 95	80	54%

COMMENTS..... Observer on Ground + in Shade

SEC/MIN	0	15	30	45	SEC/MIN	0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

SOURCE LAYOUT SKETCH



HIGHEST OPACITY FOR HIGHEST PERIOD: 0%

OBSERVER'S NAME (PRINT) David Salter

SIGNATURE David Salter DATE 6-5-01

ORGANIZATION TECHNICAL SERVICES, INC.

CERTIFIED BY ETA DATE 12/00

VISIBLE EMISSIONS EVALUATOR

This is to certify that

David Salter

met the specifications of Federal Reference Method 9 and qualified as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, North Carolina. This certificate is valid for six months from date of issue.

286720	*Jacksonville, Florida*	*June 6, 2001*
Certificate Number	Location	Date of Issue

Thomas Hoel
President

Michael W. Sunsford
Director of Training

APPENDIX D

PROCESS DATA

4377 Heckscher Drive

Jacksonville, Florida 32226-3099

06/26/01

Mr. Harvey C. Gray, President
Technical Services, Inc.
2901 Danese Street
Jacksonville, FL 32206

Dear Sir;

#2FO environmental NOx testing was conducted on JEA J.D. Kennedy Generating Station, Combustion Turbine #5 (KCT5) on 6/4 - 5/01.

This testing was conducted with and without the inlet fogger system in operation.

The unit operational data for these tests is as follows:

RUN #	with FOGGER	w/o FOGGER
MWe(socc)	48.56	46.59
Comp In DEGF	95.76	102.91
H2O gpm	17.27	0.00
#2FO gpm	86.15	84.91
BTU/gal - HHV	137269	137175
MMBTU/hr	7.095E+08	6.988E+08

Start	6/4/01 2:35 PM	EST	6/5/01 12:45 PM
Finish	6/4/01 7:09 PM	EST	6/5/01 5:15 PM

To the best of my knowlege, this information is true and accurate.

Sincerely,

Joseph W. Werner

Joseph W. Werner, PE

Fuel Analysis Report

Sample Number	01-0258	**Sample Type**	Fuel2
Station/Unit	kct 5	**Description**	kct5
Sample Date	04-Jun-01	**Sample Time**	3:00 PM

BTU per LB	19,342
BTU per GALLON:	137,269
BTU PER BARRELL:	5,770,858
Ash %	
Asphaltenes %	
Sulfur %	0.0 (2 .65)
Specific Gravity	0.853
Water %	
Viscosity 210 SUS:	
Viscosity 122 SUS:	
Desired Burner Temp @ 135F:	
Desired Burner Temp @ 85F:	
Carbon %	87.22
Hydrogen %	13.11
Nitrogen %	0
Oxygen %:	
Vanadium PPM	

Report Comments:

Reported by: C. Jackson

Approval Date:6/12/01

Central Laboratory Tuesday, June 12, 2001

Fuel Analysis Report

Sample Number	01-0259	**Sample Type**	Fuel2
Station/Unit	kct 5	**Description**	kct 5
Sample Date	05-Jun-01	**Sample Time**	3:00 PM

BTU per LB	19,306
BTU per GALLON:	137,175
BTU PER BARRELL:	5,766,870
Ash %	
Asphaltenes %	
Sulfur %	0.0 (< .05)
Specific Gravity	0.854
Water %	
Viscosity 210 SUS:	
Viscosity 122 SUS:	
Desired Burner Temp @ 135F:	
Desired Burner Temp @ 85F:	
Carbon %	87.1
Hydrogen %	13.18
Nitrogen %	0
Oxygen %:	
Vanadium PPM	

Report Comments:

Reported by: C. jackson

Approval Date: 6/11/01

Central Laboratory Tuesday, June 12, 2001

JEA KCT5
INLET FOGGER NOx
ENVIRONMENTAL TEST

	RUN #	with FOGGER	w/o FOGGER
JEA J.D.Kennedy Generating Station	MWe(socc)	48.56	46.59
Combustion Turbine #5 (JEA KCT5)	Comp In DEGF	95.76	102.91
Inlet Fogger Acceptance Testing	H2O gpm	17.27	0.00
#2FO 6/4 - 5/01			
	#2FO gpm	86.15	84.91
	BTU/gal - HHV	137269	137175
	MMBTU/hr	7.095E+08	6.988E+08

			AVERAGE	AVERAGE
		Start	6/4/01 2:35 PM	6/5/01 12:45 PM
		Finish	6/4/01 7:09 PM	6/5/01 5:15 PM
PS:kct5:Aborts Counter	Aborts Counter		251	251
PS:kct5:Accel/Decel Rate	Accel/Decel Rate	RPM	-0.00151138	-0.001942044
PS:kct5:Alarms #1 through	Alarms #1 through #16		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #113 throug	Alarms #113 through #128		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #129 throug	Alarms #129 through #144		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #145 throug	Alarms #145 through #160		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #161 throug	Alarms #161 through #176		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #17 through	Alarms #17 through #32		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #177 throug	Alarms #177 through #192		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #193 throug	Alarms #193 through #208		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #209 throug	Alarms #209 through #224		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #225 throug	Alarms #225 through #240		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #241 throug	Alarms #241 through #256		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #257 throug	Alarms #257 through #272		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #33 through	Alarms #33 through #48		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #49 through	Alarms #49 through #64		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #65 through	Alarms #65 through #80		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #81 through	Alarms #81 through #96		PI-API error: -11059	PI-API error: -11059
PS:kct5:Alarms #97 through	Alarms #97 through #112		PI-API error: -11059	PI-API error: -11059
PS:kct5:Anti-Surge Limiter	Anti-Surge Limiter Control	%	82.99652863	81.99989319
PS:kct5:Atominzing Air Pres	Atominzing Air Pressure	PSIG	124.0524063	121.0819473
PS:kct5:Atomizing Air Tank	Atomizing Air Tank Pressur	PSIG	196.9498901	196.5349579
PS:kct5:Auto Voltage Regul	Auto Voltage Regulator Pos	%	34.1707077	36.41930389
PS:kct5:Average Blade Pat	Average Blade Path Tempera	DegF	832.9858398	860.0263062
PS:kct5:Average Cold Junct	Average Cold Junction Comp	DegF	73.43309021	72.47605133
PS:kct5:Average Exhaust G	Average Exhaust Gas Temper	DegF	818.2990723	843.5164795
PS:kct5:Base Load Hours T	Base Load Hours Timer	Hours	5618.59668	5624.052246
PS:kct5:Bearing #4 Comp J	Bearing #4 Comp Journal Ba	DegF	194.3178406	194.8629913

PS:kct5:Bearing #5 Babbitt	Bearing #5 Babbitt Tempera	DegF	60.28810883	59.57033539
PS:kct5:Bearing Lube Oil Pr	Bearing Lube Oil Pressure	PSIG	17.89771843	17.65142059
PS:kct5:Bearing Oil Supply	Bearing Oil Supply Tempera	DegF	120.5834427	120.7922974
PS:kct5:Blade Path Temper	Blade Path Temperature #1	DegF	847.8173218	873.8300781
PS:kct5:Blade Path Temper	Blade Path Temperature #10	DegF	828.3647461	854.9771118
PS:kct5:Blade Path Temper	Blade Path Temperature #11	DegF	797.3828735	824.6088867
PS:kct5:Blade Path Temper	Blade Path Temperature #12	DegF	837.3384399	859.9293823
PS:kct5:Blade Path Temper	Blade Path Temperature #13	DegF	845.0993652	877.8886108
PS:kct5:Blade Path Temper	Blade Path Temperature #14	DegF	862.0918579	888.777832
PS:kct5:Blade Path Temper	Blade Path Temperature #15	DegF	852.4834595	881.7497559
PS:kct5:Blade Path Temper	Blade Path Temperature #16	DegF	797.3375854	819.6733398
PS:kct5:Blade Path Temper	Blade Path Temperature #2	DegF	847.5203857	877.9942627
PS:kct5:Blade Path Temper	Blade Path Temperature #3	DegF	847.8317261	873.8218384
PS:kct5:Blade Path Temper	Blade Path Temperature #4	DegF	847.2585449	877.5969238
PS:kct5:Blade Path Temper	Blade Path Temperature #5	DegF	833.117981	860.6933594
PS:kct5:Blade Path Temper	Blade Path Temperature #6	DegF	822.1583862	846.6263428
PS:kct5:Blade Path Temper	Blade Path Temperature #7	DegF	828.0944824	854.9326172
PS:kct5:Blade Path Temper	Blade Path Temperature #8	DegF	811.0099487	837.2425537
PS:kct5:Blade Path Temper	Blade Path Temperature #9	DegF	822.4001465	850.1248779
PS:kct5:Blade Path Temper	Blade Path Temperature Con	%	100.1957397	86.6697464
PS:kct5:Blade Path Temper	Blade Path Temperature Con	DegF	887.1971436	893.7073364
PS:kct5:Bus Frequency	Bus Frequency	Hz	59.17043686	59.09493637
PS:kct5:Bus Phase #1 Volta	Bus Phase #1 Voltage	KV	13.31110573	13.56843567
PS:kct5:Bus Phase #2 Volta	Bus Phase #2 Voltage	KV	13.31110573	13.68841934
PS:kct5:Bus Phase #3 Volta	Bus Phase #3 Voltage	KV	13.31110573	13.63338661
PS:kct5:Bypass Valve Posit	Bypass Valve Position	%	55.85724258	55.9040451
PS:kct5:Calculated Power F	Calculated Power Factor		99.65006256	96.39404297
PS:kct5:Combustor Shell Pr	Combustor Shell Pressure (	PSIG	125.1932449	122.315033
PS:kct5:Compressor Discha	Compressor Discharge Tempe	DegF	655.6074219	670.5887451
PS:kct5:Compressor Inlet L	Compressor Inlet Left Temp	DegF	95.31956482	102.4454651
PS:kct5:Compressor Inlet R	Compressor Inlet Right Tem	DegF	96.19702148	103.3814392
PS:kct5:Compressor Seismi	Compressor Seismic Vibrati	mils	1.12900877	1.198586702
PS:kct5:Control LSS Output	Control LSS Output	%	83	81.49636078
PS:kct5:Cooldown Time Re	Cooldown Time Remaining	sec	0	0
PS:kct5:Cooldown Time Set	Cooldown Time Setpoint	sec	120	120
PS:kct5:Cooling Adjust Setp	Water Injection Cooling Ad	%	0	0
PS:kct5:Cooling Air Temper	Cooling Air Temperature	DegF	343.0484009	348.0976868
ps:kct5:Cost Per Net MWH	Cost Per Net MWH	$/MWH	PI-API error: -11059	PI-API error: -11059
ps:kct5:Cost Per Net MWH	Cost Per Net MWH - Smoothe	$/MWH	PI-API error: -11059	PI-API error: -11059
ps:kct5:Dev from Exp Cost	Dev from Exp Cost per Net	$/MWH	PI-API error: -11059	PI-API error: -11059
PS:kct5:Disc Cavity #2-1 Te	Disc Cavity #2-1 Temperatu	DegF	613.9475098	632.5504761
PS:kct5:Disc Cavity #2-2 Te	Disc Cavity #2-2 Temperatu	DegF	655.2506714	688.3179932
PS:kct5:Disc Cavity #3-1 Te	Disc Cavity #3-1 Temperatu	DegF	517.9769287	637.446106
PS:kct5:Disc Cavity #3-2 Te	Disc Cavity #3-2 Temperatu	DegF	619.8361206	638.4313354
PS:kct5:Disc Cavity #4-1 Te	Disc Cavity #4-1 Temperatu	DegF	673.0610352	690.208374
PS:kct5:Disc Cavity #4-2 Te	Disc Cavity #4-2 Temperatu	DegF	642.0429077	658.6635132
PS:kct5:Disc Cavity #5 Tem	Disc Cavity #5 Temperature	DegF	68.53284454	67.79876709
PS:kct5:Disc Cavity #6 Tem	Disc Cavity #6 Temperature	DegF	541.2191162	546.1604004
ps:kct5:Disp Coeff A	Disp Coeff A	Constant	290.2279968	290.2279968

ps:kct5:Disp Coeff AA	Disp Coeff AA	Constant	0.250176013	0.250176013
ps:kct5:Disp Coeff B	Disp Coeff B	Constant	8.755000114	8.755000114
ps:kct5:Disp Coeff BB	Disp Coeff BB	Constant	0.999984026	0.999984026
ps:kct5:Disp Coeff C	Disp Coeff C	Constant	-0.00838804	-0.00838804
ps:kct5:Disp Coeff CC	Disp Coeff CC	Constant	2.75182E-07	2.75182E-07
ps:kct5:Disp Coeff D	Disp Coeff D	Constant	0.000286768	0.000286768
PS:kct5:Dry Bulb Temperat	Dry Bulb Temperature	DegF	92.4550705	95.52545929
PS:kct5:Electrical Skid Tem	Electrical Skid Temperatur	DegF	88.68042755	85.55389404
PS:kct5:Emergency Starts	Emergency Starts Counter		939.1762085	944.3146973
PS:kct5:Excitation Field Cur	Excitation Field Current	Amps	0	0
PS:kct5:Excitation Field Volt	Excitation Field Voltage	Volts	0	0
PS:kct5:Exciter Bearing Dra	Exciter Bearing Drain Temp	DegF	113.3576202	113.6840134
PS:kct5:Exciter Cold Air Inle	Exciter Cold Air Inlet Tem	DegF	117.8061981	117.8351517
PS:kct5:Exciter Seismic Vib	Exciter Seismic Vibration	mils	1.538143516	1.721845746
PS:kct5:Exciter Vibration (sl	Exciter Vibration (slot 3,	mils	3.705094576	3.849182606
PS:kct5:Exciter Warm Air Di	Exciter Warm Air Discharge	DegF	120.8616562	121.3214722
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #1	DegF	820.102478	844.6591797
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #1	DegF	822.361145	849.1159058
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #1	DegF	814.7017212	838.9926147
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #1	DegF	816.4122925	837.2247314
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #1	DegF	806.5595093	833.0632324
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #1	DegF	806.7081299	835.1040649
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #1	DegF	799.0063477	822.8570557
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #1	DegF	797.3682861	815.246582
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #2	DegF	830.0055542	854.4310913
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #3	DegF	829.210022	853.5298462
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #4	DegF	829.2775269	856.7858887
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #5	DegF	823.7769775	851.319519
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #6	DegF	825.8127441	852.5653076
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #7	DegF	829.4122314	855.5634155
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #8	DegF	830.1451416	855.3637085
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature #9	DegF	811.8652954	840.5133667
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature Co	%	86.50702667	81.5823822
PS:kct5:Exhaust Gas Temp	Exhaust Gas Temperature Co	DegF	837.1577148	843.7340698
ps:kct5:Exp Cost Per Net M	Exp Cost Per Net MWH	$/MWH	PI-API error: -11059	PI-API error: -11059
ps:kct5:Exp Gas Net MW	Exp Gas Net MW	MW	48.39487457	46.28121567
ps:kct5:Exp Heat Input	Exp Heat Input	MMBTU/HR	PI-API error: -11059	PI-API error: -11059
ps:kct5:Exp Net Heat Rate	Exp Net Heat Rate	BTU/KWH	PI-API error: -11059	PI-API error: -11059
ps:kct5:Exp Total Fuel Cost	Exp Total Fuel Cost per Ho	$/HR	PI-API error: -11059	PI-API error: -11059
PS:kct5:Fuel Control Dema	Fuel Control Demand (HSS O	%	82.99956512	81.60274506
ps:kct5:Fuel Cost % Deviati	Fuel Cost % Deviation from	%/100	PI-API error: -11059	PI-API error: -11059
ps:kct5:Fuel Cost Deviation	Fuel Cost Deviation from E	$/HR	PI-API error: -11059	PI-API error: -11059
ps:kct5:Fuel Flow On-line	Fuel Flow While On-line	GPM	86.14917755	84.90827179
PS:kct5:Fuel Flow Signal	Fuel Flow Signal	GPM	86.07254028	84.93524933
PS:kct5:Fuel Nozzle Pressu	Fuel Nozzle Pressure	PSIG	483.8856201	473.2286072
PS:kct5:Fuel Oil Flow Divid	Fuel Oil Flow Divider Inle	DegF	82.62120056	84.80838776
PS:kct5:Fuel Pump Bypass	Fuel Pump Bypass Valve Con	%	58	57.99531174
PS:kct5:Fuel Pump Dischar	Fuel Pump Discharge Pressu	PSIG	939.5090942	939.6533203
PS:kct5:Fuel Pump Dischar	Fuel Pump Discharge Pressu	PSIG	940	940

PS:kct5:Gen Phase #1 Curr	Gen Phase #1 Current	Amps	2189.974365	2138.668945
PS:kct5:Gen Phase #1 Volt	Gen Phase #1 Voltage	KV	13.31110573	13.4509964
PS:kct5:Gen Phase #2 Curr	Gen Phase #2 Current	Amps	2164.372559	2111.288086
PS:kct5:Gen Phase #2 Volt	Gen Phase #2 Voltage	KV	13.31110573	13.48336601
PS:kct5:Gen Phase #3 Curr	Gen Phase #3 Current	Amps	2188.895508	2122.763672
PS:kct5:Gen Phase #3 Volt	Gen Phase #3 Voltage	KV	13.31110573	13.59949112
PS:kct5:Generator Inboard	Generator Inboard Bearing	DegF	126.118309	128.3819733
PS:kct5:Generator Inlet Air	Generator Inlet Air Temper	DegF	93.16732025	93.73299408
PS:kct5:Generator Outboar	Generator Outboard Bearing	DegF	165.1468201	165.1703186
PS:kct5:Generator Outlet Ai	Generator Outlet Air Tempe	DegF	170.6776581	170.2277374
PS:kct5:Generator Stator T	Generator Stator Temperatu	DegF	154.3183136	152.8053741
PS:kct5:Generator Stator T	Generator Stator Temperatu	DegF	151.6012268	150.1525269
PS:kct5:Generator Stator T	Generator Stator Temperatu	DegF	141.3712921	140.3271027
PS:kct5:Generator Stator T	Generator Stator Temperatu	DegF	151.4928894	150.0982361
PS:kct5:Generator Stator T	Generator Stator Temperatu	DegF	148.9230499	147.0663605
PS:kct5:Generator Stator T	Generator Stator Temperatu	DegF	153.4763031	151.5665741
ps:kct5:Gross MW On-line	Gross MW While On-line	MW	48.56414032	46.53457642
ps:kct5:Heat Rate % Deviati	Heat Rate % Deviation	%/100	PI-API error: -11059	PI-API error: -11059
ps:kct5:Heat Rate Deviation	Heat Rate Deviation	BTU/KWH	PI-API error: -11059	PI-API error: -11059
PS:kct5:Horizontal Compres	Horizontal Compressor Vibr	mils	2.276237249	1.798419952
PS:kct5:Horizontal Turbine	Horizontal Turbine Vibrati	mils	2.250657082	2.914161921
ps:kct5:House Load	House Load	MW	PI-API error: -11059	PI-API error: -11059
ps:kct5:HR Cost Dev A Cre	Heat Rate Cost Dev For 'A'	$/HR	0	0
ps:kct5:HR Cost Dev B Cre	Heat Rate Cost Dev For 'B'	$/HR	0	0
ps:kct5:HR Cost Dev C Cre	Heat Rate Cost Dev For 'C'	$/HR	0	0
ps:kct5:HR Cost Dev D Cre	Heat Rate Cost Dev For 'D'	$/HR	0	PI-API error: -11059
PS:kct5:Humidity	Humidity	%	47.80441666	43.46512222
PS:kct5:Ignition Failure Wai	Ignition Failure Wait Time	sec	1800	1800
PS:kct5:Ignition Time Rema	Ignition Time Remaining	sec	0	0
PS:kct5:Ignition Time Setpo	Ignition Time Setpoint	sec	30	30
PS:kct5:Inboard Seismic Vi	Inboard Seismic Vibration	mils	1.899040937	1.86839664
PS:kct5:Inboard Vibration (s	Inboard Vibration (slot 5,	mils	3.086453438	3.001006603
ps:kct5:iorate	KGS CT5 PI Interface I/O R		3326.848389	3165.294922
PS:kct5:LNM1-3A.1-6 Spar	LNM1-3A.1-6 Spare T/C Inpu	%	1063	1063
PS:kct5:LNM103A.14-6 Spa	LNM103A.14-6 Spare T/C Inp	%	1055	1055
PS:kct5:LNM103A.2-6 Spar	LNM103A.2-6 Spare T/C Inpu	%	1063	1063
PS:kct5:LNM103A.5-2 Spar	LNM103A.5-2 Spare T/C Inpu	%	391.5154724	409.684082
PS:kct5:LNM103A.5-3 Spar	LNM103A.5-3 Spare T/C Inpu	%	1063	1063
PS:kct5:LNM103A.7-2 Spar	LNM103A.7-2 Spare 4-20Ma I	%	50.0005188	48.13542938
PS:kct5:Load Control Setpoi	Load Control Setpoint	MW	51.08798599	49.32943726
PS:kct5:Lube Oil Reservoir	Lube Oil Reservoir Tempera	DegF	151.643158	151.8163147
PS:kct5:Manual Voltage Re	Manual Voltage Regulator P	%	48	48
PS:kct5:Maximum Blade Pa	Maximum Blade Path Tempera	DegF	65.11457062	68.59226227
PS:kct5:Maximum Exhaust	Maximum Exhaust Gas Temper	DegF	32.67088318	41.29216003
PS:kct5:Maximum Speed of	Maximum Speed of Turbine S	RPM	3613	3613
PS:kct5:MCC Phase #1 Cur	MCC Phase #1 Current	Amps	268.1123657	266.2529297
PS:kct5:MCC Phase #1 Volt	MCC Phase #1 Voltage	Volts	455.0167542	462.3771362
PS:kct5:MCC Phase #2 Cur	MCC Phase #2 Current	Amps	250.29245	248.3691406
PS:kct5:MCC Phase #2 Volt	MCC Phase #2 Voltage	Volts	0	0

PS:kct5:MCC Phase #3 Cur	MCC Phase #3 Current	Amps	266.06073	264.117981
PS:kct5:MCC Phase #3 Volt	MCC Phase #3 Voltage	Volts	453.3419495	461.1481018
PS:kct5:Mechanical Skid Te	Mechanical Skid Temperatur	DegF	88.69671631	88.04771423
PS:kct5:MegaVAR Control	MegaVAR Control Setpoint	MVAR	4	11.51095676
PS:kct5:MegaVAR Load Sig	MegaVAR Load Signal	MVAR	3.980400562	12.09710312
PS:kct5:MegaWatt Load Sig	MegaWatt Load Signal	MW	48.55939865	46.5940094
PS:kct5:Min Fuel Setting	Min Fuel Setting	%	0	0
ps:kct5:MW Capability	MW Capability	MMBTU/HR	49.07060242	46.9950676
ps:kct5:MW Capability Inter	MW Capability Intercept	Constant	76.69999695	76.69999695
ps:kct5:MW Capability Slop	MW Capability Slope	Constant	-0.289999992	-0.289999992
ps:kct5:Net Heat Rate	Net Heat Rate	BTU/KWH	PI-API error: -11059	PI-API error: -11059
ps:kct5:Net Heat Rate - Sm	Net Heat Rate - Smoothed	BTU/KWH	PI-API error: -11059	PI-API error: -11059
ps:kct5:Net Megawatts	Net Megawatts	MW	PI-API error: -11059	PI-API error: -11059
PS:kct5:Normal Starts Coun	Normal Starts Counter		616	616
PS:kct5:Nose Cone Temper	Nose Cone Temperature	DegF	391.5297546	409.6757813
PS:kct5:Number of BP TCs	Number of BP TC's in Avera		16	16
PS:kct5:Number of EGT TC	Number of EGT TC's in Aver		16	16
PS:kct5:Number of First Out	Number of First Out Trip		0	0
PS:kct5:Outboard Seismic	Outboard Seismic Vibration	mils	1.636821628	1.732321978
PS:kct5:Outboard Vibration	Outboard Vibration (slot 4	mils	1.775231123	1.783804893
PS:kct5:Overspeed Test Ti	Overspeed Test Timer	Secs	0	0
PS:kct5:Peak Reserve Load	Peak Reserve Load Hours Ti	Hours	0	0
PS:kct5:Post Lube Time Re	Post Lube Time Remaining	min	4320	4320
PS:kct5:Post Lube Time Set	Post Lube Time Setpoint	min	4320	4320
PS:kct5:Power Factor Contr	Power Factor Control Setpo		84.99862671	84.99862671
PS:kct5:Purge Time Remai	Purge Time Remaining	sec	0	0
PS:kct5:Purge Time Setpoi	Purge Time Setpoint	sec	10	10
PS:kct5:Spare Seismic Vibr	Spare Seismic Vibration (s	mils	0	0
PS:kct5:Spare Vibration (slo	Spare Vibration (slot 3,ch	mils	0	0
PS:kct5:Spare Vibration (slo	Spare Vibration (slot 4,ch	mils	0	0
PS:kct5:Spare Vibration (slo	Spare Vibration (slot 5,ch	mils	0	0
PS:kct5:Speed Control Setp	Speed Control Setpoint	RPM	3600	3600
PS:kct5:Speed/Load Contro	Speed/Load Control PID Sig	%	83.89963531	82.56438446
PS:kct5:Start Motor Failure	Start Motor Failure Wait T	sec	2400	2400
PS:kct5:Start Ramp Control	Start Ramp Control Signal	%	101	101
ps:kct5:Starts Per Day	Total Starts Per Day		1	1
ps:kct5:Stops Per Day	Total Stops Per Day		1	1
PS:kct5:Synchronizer Spee	Synchronizer Speed Bias	%	0	0
PS:kct5:Throttle Valve Cont	Throttle Valve Control Sig	%	77.02687836	75.63339233
PS:kct5:Throttle Valve Posit	Throttle Valve Position	%	74.96350098	73.1047821
PS:kct5:Thrust Bearing Bab	Thrust Bearing Babbitt (Ge	DegF	199.8749084	203.4660645
PS:kct5:Thrust Bearing Bab	Thrust Bearing Babbitt (Tu	DegF	155.7433929	155.8840332
ps:kct5:Time On-line	Total Time Unit On-Line		5.865277767	5.111111164
PS:kct5:Too Many Ignition	Too Many Ignition Failures	sec	3600	3600
ps:kct5:Total Fuel Cost per	Total Fuel Cost per Hour	$/HR	4446.408691	4384.52832
ps:kct5:Total Fuel Used	Total Fuel Consumed	gallons	0	0
PS:kct5:Trips #1 through #1	Trips #1 through #16		PI-API error: -11059	PI-API error: -11059
PS:kct5:Trips #17 through #	Trips #17 through #32		PI-API error: -11059	PI-API error: -11059
PS:kct5:Trips #33 through #	Trips #33 through #48		PI-API error: -11059	PI-API error: -11059

PS:kct5:Trips #49 through #	Trips #49 through #64		PI-API error: -11059	PI-API error: -11059
PS:kct5:Turbine Compartm	Turbine Compartment Fan #2	DegF	185.8409119	203.7478027
PS:kct5:Turbine Compartm	Turbine Compartment Fan #4	DegF	162.4042969	148.5082092
PS:kct5:Turbine Seismic Vi	Turbine Seismic Vibration	mils	0	0
PS:kct5:Turbine Speed	Turbine Speed	RPM	3599.609375	3599.457764
PS:kct5:Turning Gear Cycli	Turning Gear Cycling 'Off'	sec	14400	14400
PS:kct5:Turning Gear Cycli	Turning Gear Cycling 'Off'	sec	14400	14400
PS:kct5:Turning Gear Cycli	Turning Gear Cycling 'On'	sec	0	0
PS:kct5:Turning Gear Cycli	Turning Gear Cycling 'On'	sec	600	600
ps:kct5:Unit Start	Unit Start Indicator	# of Starts	0	0
ps:kct5:Unit Stop	Unit Stop Indicator	# of Shutdow	0	0
PS:kct5:Vertical Compresso	Vertical Compressor Vibrat	mils	2.29938221	1.675306916
PS:kct5:Vertical Turbine Vib	Vertical Turbine Vibration	mils	3.435255766	3.556434155
PS:kct5:Voltage Regulator	Voltage Regulator DC Curre	Amps	10	10.37061691
PS:kct5:Voltage Regulator	Voltage Regulator DC Volta	Volts	13.39732361	14.31774712
PS:kct5:Voltage Regulator	Voltage Regulator Null Sig	%	10.22566891	10.49030876
PS:kct5:Water Injection Flo	Water Injection Flow	GPM	17.27485275	0
PS:kct5:Wet Bulb Depressi	Wet Bulb Depression	DegF	15.83734417	18.05887985
PS:kct5:Wet Bulb Depressi	Wet Bulb Depression Effici	%	85.11212921	0
PS:kct5:Wet Bulb Temperat	Wet Bulb Temperature	DegF	75.83105469	77.06003571

APPENDIX E

PROJECT PARTICIPANTS

Project Participants

JOE COOKSEY	REPORT PREPARATION FIELD TESTING CALIBRATIONS CALCULATIONS
GEORGE HAWKINS	FIELD TESTING
BEN MOORE	FIELD TESTING
DAVE SALTER	REPORT PREPARATION
HARVEY GRAY	REPORT REVIEW