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BUREAU OF AIR REGULATION

ENVIRONMENTAL TEST REPORT

TESTAR, INC.

RELATIVE ACCURACY TEST AUDIT - COV REPORT NO. 2681

August 3, 2001

PREPARED FOR: Covanta Lee, Inc.  
10500 Buckingham Road  
Suite 400  
Ft. Myers, FL 33905

REGULATORY AGENCY: Florida Department of Environmental Protection  
Title V Permit No. 0710119-001-AV.

PURPOSE: Determination of Compliance with 40 CFR 60,  
Appendices B&F

TEST DATES: June 19-21, 2001

ASSOCIATED REPORT: COV Report No. 2617

0710119-001-AV



# TESTAR, Inc.

**The Environmental Solutions Team: Accurate & Reliable**

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August 2, 2001

Ms. Ruth Johnson  
Covanta Projects, Inc.  
40 Lane Road  
Fairfield, New Jersey 07007

RE: Test Report for Project # 10212R

Dear Ms. Johnson:

Enclosed are six (6) copies of the final Test Report covering relative accuracy testing at the Lee County Solid Waste Resource Recovery Facility in Fort Myers, Florida. The testing was performed on the CEMS system serving Units 1 and 2 on June 19, 20, and 21, 2001.

Thank you for allowing TESTAR, Inc. the opportunity to provide air emissions testing services for your company. We look forward to working with you again. If you have any questions about this report, please call me at 919/957-9500.

Sincerely,



Bill Harris  
Director of CEMS Services

ANNUAL  
RELATIVE ACCURACY TESTING  
TESTAR PROJECT #10212R

June 2001

PERFORMED FOR:

Covanta Energy, Inc.

at

Lee County Solid Waste Resource Recovery Facility  
Fort Myers, Florida

RECEIVED

by

AUG 06 2001

TESTAR, Inc.

D.E.P. - South District

7424-108 ACC Boulevard  
Raleigh, North Carolina 27617  
919/957-9500

## REPORT CERTIFICATION #10212R

I hereby certify that the information presented in this report is accurate and representative to the best of my knowledge. Further, I certify that this project was completed under my direct supervision and guidance.

Signature

*Gary Williams*

Date:

8/2/01

Mr. Gary Williams, PE  
Project Director

Professional Engineer, State of North Carolina

Seal Number 025432



## TABLE OF CONTENTS

1	Introduction .....	1-1
1.1	General .....	1-1
1.2	Test Personnel.....	1-1
2	Summary of Results.....	2-1
2.1	Report Organization.....	2-1
2.2	Presentation of Results .....	2-1
3	Process Description and Operation .....	3-1
4	Sampling and Analytical Methods.....	4-1
4.1	Relative Accuracy Test Equipment.....	4-1
4.2	Relative Accuracy Test Procedures .....	4-3
4.3	Seven-day Calibration Drift Test Procedures .....	4-4
5	QA/QC Results .....	5-1
5.1	QA/QC Policy Procedures .....	5-1

### Appendices:

A.	RATA Test Results .....	1
B.	Reference Method Field Data, (O <sub>2</sub> , CO <sub>2</sub> , SO <sub>2</sub> , NO <sub>x</sub> , CO).....	35
C.	Source CEMS Data Printouts, (O <sub>2</sub> , CO <sub>2</sub> , SO <sub>2</sub> , NO <sub>x</sub> , CO).....	139
D.	Seven-day Calibration Drift Data.....	192
E.	Pertinent Calibration Data .....	195

## LIST OF TABLES

Table 1-1	Test Personnel.....	1-1
Table 2-1	Relative Accuracy Test Summary.....	2-1
Table 2-2	Relative Accuracy Test Summary.....	2-2
Table 2-3	Seven-Day Calibration Drift Summary.....	2-2
Table 3-1	Covanta CEMS Analyzers .....	3-1
Table 4-1	Reference Method Analyzers .....	4-3
Table 5-1	Summary of QA/QC Procedures .....	5-1

## LIST OF FIGURES

Figure 4-1	Reference Measurement System.....	4-2
Figure 4-2	SDA Inlet Sample Location Diagram.....	4-4
Figure 4-3	Outlet Sample Location Diagram.....	4-5

# 1 INTRODUCTION

## 1.1 General

Covanta Energy, Inc. contracted TESTAR, Inc. to conduct an Annual Relative Accuracy Test Audit on the CEMS systems serving Units 1 and 2 at Lee County Solid Waste Resource Recovery Facility in Ft. Myers, Florida. The relative accuracy test results satisfied the requirements of 40 CFR Part 60, Appendix B and F. A seven-day drift test was performed on the stack SO<sub>2</sub> analyzers on Units 1 and 2 after the ranges were changed from 0-200ppm to 0-500ppm. The seven-day drift tests satisfied the requirements of 40 CFR 60, Appendix F. The testing program was conducted on June 19, 20, and 21, 2001 by TESTAR under the supervision of Mr. Dave Adgate and John Snyder of Covanta Projects, Inc. Mr. Earl Baker and David Ajayi of the Florida Department of Environmental Protection (Florida DEP) observed the testing.

## 1.2 Test Personnel

Table 1-1 presents the personnel from Covanta Projects, Florida DEP, and TESTAR that were involved in the testing program.

**Table 1-1  
Test Personnel**

Affiliation	Personnel Responsibility
Covanta Projects, Inc.	Dave Adgate Regional CEM Coordinator
	John Snyder Plant CEM Coordinator
Florida Department of Environmental Protection	Earl F. Baker Test Observer
	David Ajayi Test Observer
TESTAR, Inc.	David Brintle Project Director
	Bill Harris CEMS Operator
	Jeff Coppage Laboratory Technician
	Danny Speer Technician
	Chris Johnson Technician
	Ronny Snipes Technician

## 2 SUMMARY OF RESULTS

### 2.1 Report Organization

The results of the testing project are summarized in Section 2. The process tested is discussed in Section 3. The sampling and analytical methods utilized are discussed in Section 4 while the Quality Assurance/Quality Control results are presented in Section 5. Appendix A contains detailed results of the testing program. Appendix B contains Reference Method Field Data for O<sub>2</sub>, CO<sub>2</sub>, SO<sub>2</sub>, NO<sub>x</sub>, and CO. Appendix C contains the Source Data CEMS Printouts for O<sub>2</sub>, CO<sub>2</sub>, SO<sub>2</sub>, NO<sub>x</sub>, and CO. The seven-day calibration drift data is in Appendix D. Appendix E contains all pertinent calibration data. Refer to the Table of Contents and the List of Tables for a complete reference with appropriate page numbers.

### 2.2 Presentation of Results

Tables 2-1 and 2-2 present the results of the Relative Accuracy Testing conducted on Units 1 and 2. Table 2-3 presents the results of the Seven-Day Calibration Drift Tests conducted on the Stack SO<sub>2</sub> analyzers installed on Units 1 and 2. A more detailed summary of sampling gas parameters is presented in Appendix A.

**Table 2-1**  
**Relative Accuracy Test Summary**

Parameter	Location	Units	Result	Specification
Oxygen	Unit 1 Inlet	Dry Volume %	5.1%	≤20% of mean reference value
	Unit 1 Outlet	Dry Volume %	2.5%	≤20% of mean reference value
Carbon Dioxide	Unit 1 Inlet	Dry Volume %	2.9%	≤20% of mean reference value
	Unit 1 Outlet	Dry Volume %	2.1%	≤20% of mean reference value
Sulfur Dioxide	Unit 1 Inlet	ppm @ 7% O <sub>2</sub>	7.5%	≤20% of mean reference value
	Unit 1 Outlet	ppm @ 7% O <sub>2</sub>	0.0%	≤10% of applicable standard
Nitrogen Oxides	Unit 1 Outlet	ppm @ 7% O <sub>2</sub>	1.8%	≤20% of mean reference value
Carbon Monoxide	Unit 1 Inlet High	ppm @ 7% O <sub>2</sub>	3.2%	≤5% of applicable standard
	Unit 1 Inlet Low	ppm @ 7% O <sub>2</sub>	2.7%	≤5% of applicable standard
Carbon Monoxide	Unit 1 Outlet	ppm @ 7% O <sub>2</sub>	7.5%	≤10% of mean reference value

**Table 2-2  
Relative Accuracy Test Summary**

Parameter	Location	Units	Result	Specification
Oxygen	Unit 2 Inlet	Dry Volume %	2.3%	≤20% of mean reference value
	Unit 2 Outlet	Dry Volume %	0.8%	≤20% of mean reference value
Carbon Dioxide	Unit 2 Inlet	Dry Volume %	3.9%	≤20% of mean reference value
	Unit 2 Outlet	Dry Volume %	1.1%	≤20% of mean reference value
Sulfur Dioxide	Unit 2 Inlet	ppm @ 7% O <sub>2</sub>	5.4%	≤20% of mean reference value
	Unit 2 Outlet	ppm @ 7% O <sub>2</sub>	0.0%	≤10% of applicable standard
Nitrogen Oxides	Unit 2 Outlet	ppm @ 7% O <sub>2</sub>	3.4%	≤20% of mean reference value
Carbon Monoxide	Unit 2 Inlet High	ppm @ 7% O <sub>2</sub>	6.1%	≤10% of mean reference value
	Unit 2 Inlet Low	ppm @ 7% O <sub>2</sub>	6.0%	≤10% of mean reference value
Carbon Monoxide	Unit 2 Outlet	ppm @ 7% O <sub>2</sub>	2.5%	≤5% of applicable standard

**Table 2-3  
Seven-Day Calibration Drift Summary**

Parameter	Location	Test Period	Maximum Drift	Specification
SO <sub>2</sub> Zero	Unit 1 Outlet	6/21/01-6/28/01	-0.2%	≤2.5% of Span
SO <sub>2</sub> Span			-0.2%	
SO <sub>2</sub> Zero	Unit 2 Outlet	6/21/01-6/28/01	-0.1%	≤2.5% of Span
SO <sub>2</sub> Span			-0.1%	



### 3 PROCESS DESCRIPTION AND OPERATION

The Lee County Solid Waste Resource Recovery Facility processes up to 1,200 tons of solid waste each day, generating up to 39.7 megawatts of electricity. The facility was designed and built and is operated by Ogden Martin Systems of Lee, Inc. Each of the two (2) Martin GmbH waterwall furnaces processes up to 600 tons of waste per day. Waste is combusted at furnace temperatures exceeding 1,800 degrees Fahrenheit and reduced to an inert ash residue. Before leaving the facility, combustion air is directed through technologically advanced air pollution control equipment consisting of dry flue gas scrubbers, fabric filter baghouses, and mercury and NO<sub>x</sub> abatement systems. During the relative accuracy testing the units were operating at greater than 50% of capacity.

The CEMS serving Units 1 and 2 consist of SO<sub>2</sub>, NO<sub>x</sub>, CO, O<sub>2</sub> and CO<sub>2</sub> analyzers, a dry extractive sampling system, opacity monitors, and a microcomputer based DAHS. Descriptions of the analyzers are listed in Table 3-1.

**Table 3-1  
Covanta CEMS Analyzers**

Pollutant Monitor	Unit	Location	Range	Analyzer	Serial Number
SO <sub>2</sub>	1	Stack	0-500 ppm	Western Research 721M	93-721M-8056-7
CO/CO <sub>2</sub>	1	Stack	0-500 ppm 0-20 %	Milton Roy ZRH2	N2L1452T
NO <sub>x</sub>	1	Stack	0-500 ppm	TECO 42 H	42H-45546-274
O <sub>2</sub>	1	Stack	0-25 %	Servomex 1400	01420/B143
O <sub>2</sub>	1	Economizer	0-25 %	Servomex 1400	01420/B146
SO <sub>2</sub>	1	Economizer	0-1000 ppm	Western Research 721M	93-721M-8056-8
CO <sub>2</sub>	1	Economizer	0-20 %	Milton Roy ZRH1	N2L1474T
CO	1	Economizer	0-2000 ppm 0-500 ppm	TECO 48	48-45332-273
SO <sub>2</sub>	2	Stack	0-500 ppm	Western Research 721M	93-721M-8056-6
CO/CO <sub>2</sub>	2	Stack	0-500 ppm 0-20 %	Milton Roy ZRH2	N2L1451T
NO <sub>x</sub>	2	Stack	0-500 ppm	TECO 42 H	42H-45488-274
O <sub>2</sub>	2	Stack	0-25 %	Servomex 1400	01420/B142
O <sub>2</sub>	2	Economizer	0-25 %	Servomex 1400	01420/B141
SO <sub>2</sub>	2	Economizer	0-1000 ppm	Western Research 721M	93-721M-8056-5
CO <sub>2</sub>	2	Economizer	0-20 %	Milton Roy ZRH1	N2L1462T
CO	2	Economizer	0-2000 ppm 0-500 ppm	TECO 48	48-46041-275

## 4 SAMPLING AND ANALYTICAL METHODS

TESTAR, Inc. was contracted to conduct an annual Relative Accuracy Test Audit (RATA) of oxygen (O<sub>2</sub>), carbon monoxide (CO), sulfur dioxide (SO<sub>2</sub>), and carbon dioxide (CO<sub>2</sub>) on the inlet and outlet of Units 1 and 2. The testing was performed on the Lee County SWRRF CEMS.

### 4.1 Relative Accuracy Test Equipment

TESTAR's extractive measurement system and all sampling and data reduction procedures conform with the requirements of Performance Specifications 2, 3, 4A, and EPA Methods 3A, 6C, 7E, and 10 of 40 CFR 60, and the Quality Assurance Procedures of Appendix F. **Figure 4-1** presents a schematic of the reference measurement systems that was used at the test locations.

The effluent gas sample is conditioned to eliminate interference from water vapor and particulate matter before being introduced into each analyzer. All components of the sampling system that contact the sample are either glass, stainless steel, or Teflon. A heated probe and particulate filter, heated sample lines, primary moisture removal trap, sample pump, secondary moisture removal system and distribution manifold board are used to deliver a sample of flue gas to the analyzers. The sampling probe and filter housing is constructed of Type 316 stainless steel and is heated to maintain the sample temperature above the dew point.

The condenser is an electronic cooling system that utilizes four "jet stream" glass heat exchangers that provide excellent condensate separation and optimum drying of the sample gas. Four peristaltic pumps continuously remove condensate from the heat exchangers.

The dry sample exiting the condenser is then transported through unheated 3/8-inch O.D. Teflon tubing by way of a Teflon-lined sample pump to the flow distribution manifold board, where the flow to the analyzers is monitored and controlled.

A three-way valve located on the manifold board delivers calibration gas to two locations: (1) immediately upstream of the analyzers for calibration error checks, and (2) at the outlet of the probe for the sampling system bias and calibration drift checks.

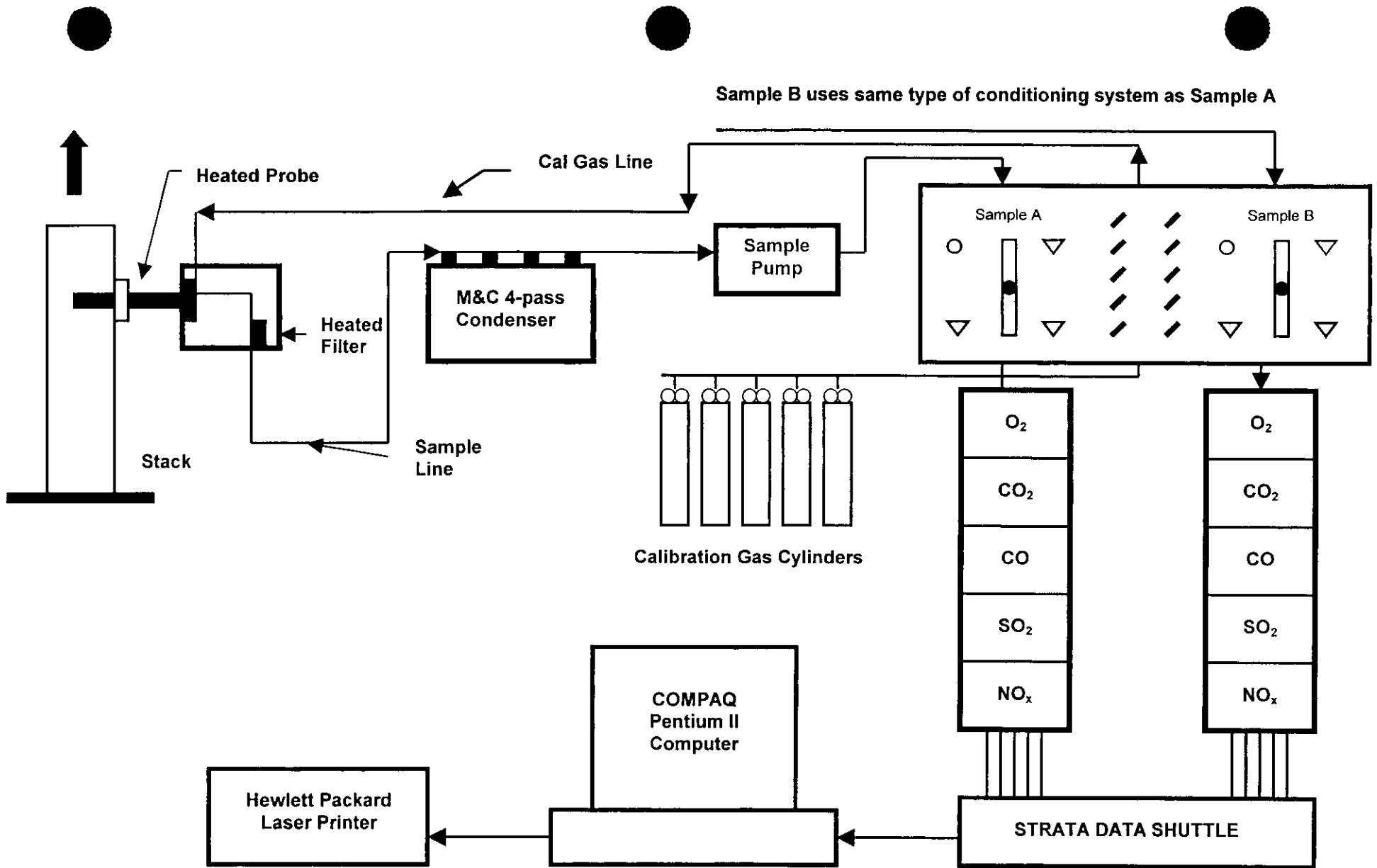


Figure 4-1. TESTAR Reference Method CEM System

Table 4-1 lists the gas analyzers that will be used during this test program. Appendix A to this document contains brief descriptions of the analyzers.

**Table 4-1  
Reference Method Analyzers**

Parameter	Analyzer	Model No.	Range	Operational Principle
SO <sub>2</sub> Inlet	Bovar Western Research	721M	0-500ppm	Pulsed Fluorescence
SO <sub>2</sub> Outlet	Bovar Western Research	721M	0-100ppm	Pulsed Fluorescence
NO <sub>x</sub> Outlet	Thermo Environmental	10S	0-500 ppm	Chemiluminescence
O <sub>2</sub> Inlet & Outlet	Servomex	1420B	0-25%	Paramagnetic
CO <sub>2</sub> Inlet & Outlet	California Analytical	3300	0-20%	NDIR
CO Inlet & Outlet	Thermo Environmental	48CHL	0-100ppm	Gas Filter Correlation

#### 4.2 Relative Accuracy Test Procedures

The reference test method procedures used for the Relative Accuracy test program are instrumental test methods. They were conducted in accordance with 40 CFR 60, Appendix B, Performance Specifications 2, 3, and 4A, and Appendix F. Relative accuracies were calculated on a concentration basis (ppm corrected to 7% O<sub>2</sub>). To satisfy the RATA requirements of 40 CFR 60, Appendix B, the relative accuracy must not exceed 20.0 percent of the mean of the reference method or 10.0 percent of the applicable standard for SO<sub>2</sub> and NO<sub>x</sub>, and must not exceed 10.0 percent of the mean of the reference method or a mean difference of  $\pm 5$ ppm for CO.

TESTAR, Inc. conducted the relative accuracy tests. The RATA was conducted while each unit operated at greater than 50% of capacity.

The traverse sampling points were located so as to establish a "measurement line" through the centroidal area of the duct. The test points for the RATAs were located at 0.4, 1.2, and 2.0 meters. **Figure 4-2** presents a schematic of the sampling point locations for the SDA Inlet. **Figure 4-3** presents a schematic of the sampling point locations for the FF Outlet.

TESTAR used EPA Test Methods 3A, 6C, and 10 as the reference method for measuring O<sub>2</sub>, CO<sub>2</sub>, SO<sub>2</sub>, NO<sub>x</sub>, and CO. This method is an instrumental procedure. A sample is continuously extracted from the effluent stack gas stream. A portion of the sample stream is conveyed to each analyzer for the determination of O<sub>2</sub>, CO<sub>2</sub>, SO<sub>2</sub>, NO<sub>x</sub>, and CO.

For each EPA Reference Method determination, the flue gas was sampled at three traverse points. The difference between the reference method sample and the monitor's reading was evaluated from a minimum of nine test runs.

#### ***4.3 Seven-day Calibration Drift Test Procedures***

A seven-day calibration drift test was conducted on the Stack SO<sub>2</sub> analyzers serving Units 1 and 2. The zero and span calibration drift was recorded every twenty four hours for seven consecutive days on each diluent and pollutant analyzer in the system. The calibration drift test was conducted during which no unscheduled maintenance, repair, or adjustment took place. Complete summaries of the seven-day calibration drift test are included in Appendix D.

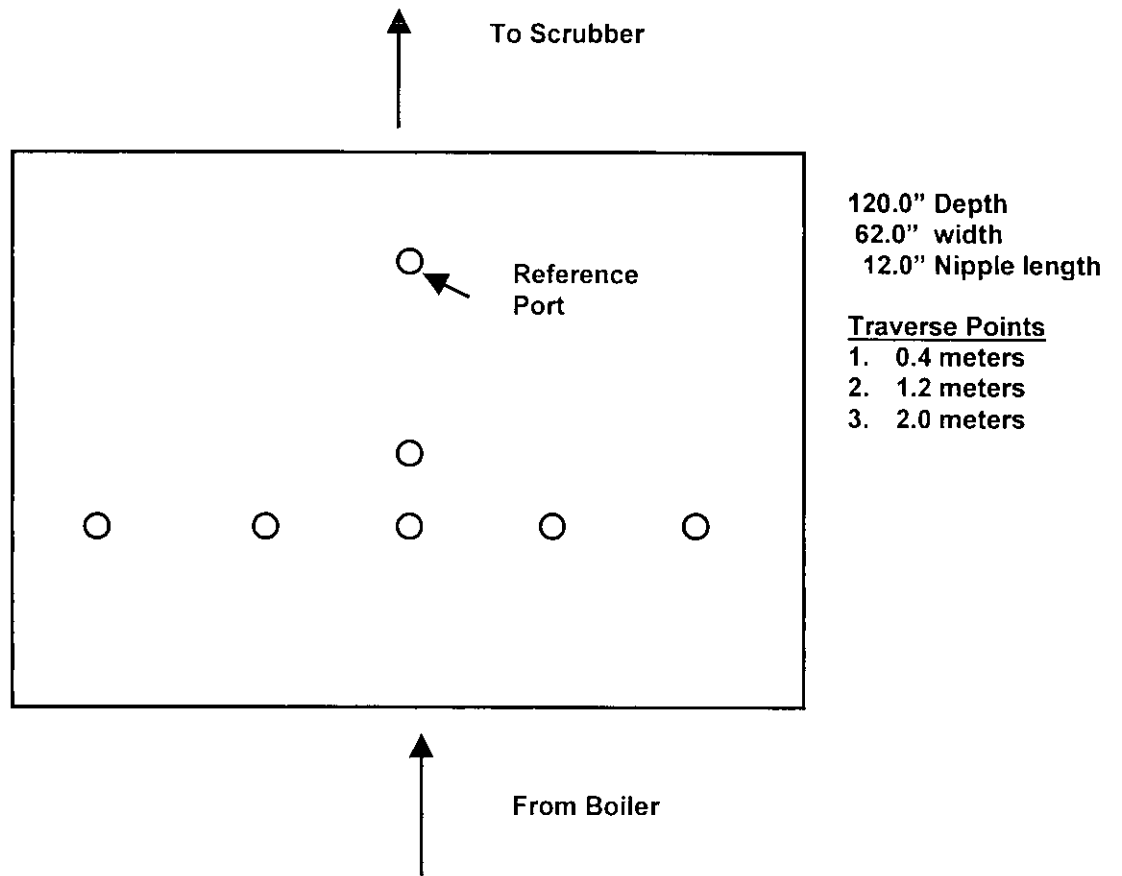


Figure 4-2. Units 1 and 2 SDA Inlet Sample Location Diagram

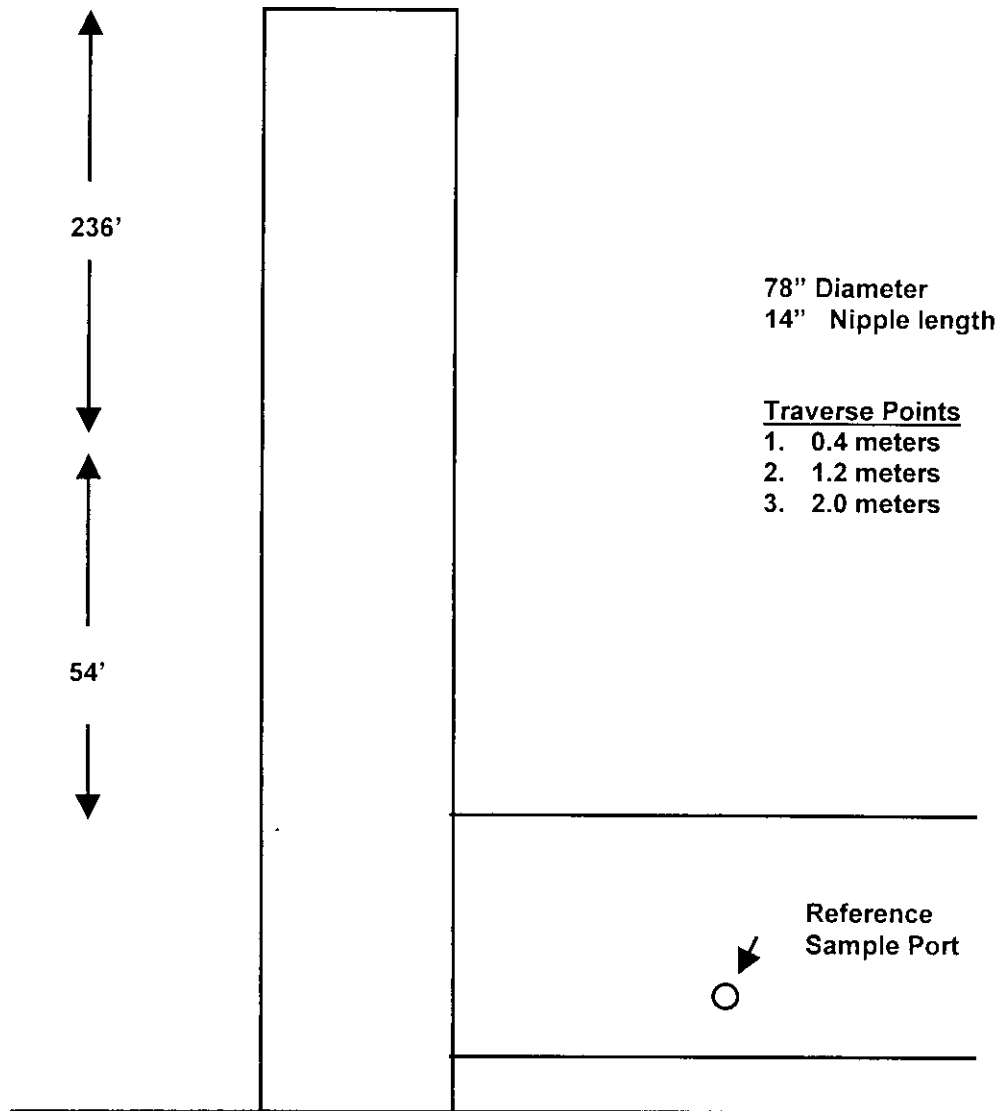


Figure 4-3. Unit 1 and 2 Outlet Sample Location Diagram

## 5 QA/QC RESULTS

### 5.1 QA/QC Policy Procedures

The calibration and quality assurance procedures of EPA Methods 3A, 6C, 7E, and 10 were followed throughout the test program. The results of sampling system bias and calibration drift tests for each test run will be calculated and presented in the test report. The cylinder gas manufacturer's analyses of the O<sub>2</sub>, CO<sub>2</sub>, SO<sub>2</sub>, NO<sub>x</sub>, and CO calibration gases were conducted according to EPA Protocol 1 requirements. The certificates of analysis are included in the test report.

**Table 5-1**  
**Summary of QA/QC Procedures**

Test Method	QA/QC Procedure	QA/QC Objective	QA/QC Results	Status of QA/QC
EPA M3A, 6C, 7E and 10	Initial Calibration Error Test	< ±2%	< ±2%	Acceptable
	System Bias Test	< ±5%	< ±5%	Acceptable
	Drift Test	< ±3%	< ±3%	Acceptable



**APPENDIX A**  
**RATA Results**

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 3  
Oxygen**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	DGB
Test Location:	Unit 1 SDA Inlet		
Analyzer:	Servomex 1400		
Serial Number:	01420/B143		
App. Standard:	NA		
Parameter Units:	percent, %	Oxygen	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/20/01	905	935	10.000	9.500	valid	0.500	0.250
2	6/20/01	953	1023	10.546	10.100	valid	0.446	0.199
3	6/20/01	1035	1105	10.289	9.800	valid	0.489	0.239
4	6/20/01	1116	1146	10.451	10.000	valid	0.451	0.203
5	6/20/01	1159	1259	11.006	10.500	valid	0.506	0.256
6	6/20/01	1312	1342	10.999	10.500	valid	0.499	0.249
7	6/20/01	1355	1425	10.724	10.200	valid	0.524	0.275
8	6/20/01	856	956	10.500	9.900	valid	0.600	0.360
9	6/20/01	1010	1110	10.300	9.700	void		
10	6/20/01	1126	1156	10.300	9.800	valid	0.500	0.250
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
Averages:				10.535	10.033		0.502	

Standard Deviation	0.0448
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.0344

Relative Accuracy % of Reference Method: 5.1

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 3  
Carbon Dioxide Inlet**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	DGB
Test Location:	Unit 1 SDA Inlet		
Analyzer:	Milton Roy ZRH1		
Serial Number:	N2L1474T		
App. Standard:	NA		
Parameter Units:	percent, %	CO2	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/20/01	905	935	9.900	10.100	valid	-0.200	0.040
2	6/20/01	953	1023	9.457	9.600	valid	-0.143	0.020
3	6/20/01	1035	1105	9.499	9.800	valid	-0.301	0.091
4	6/20/01	1116	1146	9.453	9.800	void		
5	6/20/01	1159	1259	8.989	9.200	valid	-0.211	0.045
6	6/20/01	1312	1342	8.990	9.200	valid	-0.210	0.044
7	6/20/01	1355	1425	9.247	9.400	valid	-0.153	0.023
8	6/20/01	856	956	9.400	9.700	valid	-0.300	0.090
9	6/20/01	1010	1110	9.500	9.800	valid	-0.300	0.090
10	6/20/01	1126	1156	9.700	9.800	valid	-0.100	0.010
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
Averages:				9.409	9.622		-0.213	

Standard Deviation	0.0744
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.0572

Relative Accuracy % of Reference Method: 2.9

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 2  
Sulfur Dioxide Inlet**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	DGB
Test Location:	Unit 1 SDA Inlet		
Analyzer:	Western Research 721M		
Serial Number:	93-721M-8056-7		
App. Standard:	NA		
Parameter Units:	ppm@7%O2	SO2	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/20/01	905	935	58.023	55.000	valid	3.023	9.138
2	6/20/01	953	1023	64.560	61.000	valid	3.560	12.671
3	6/20/01	1035	1105	71.380	66.000	valid	5.380	28.942
4	6/20/01	1116	1146	33.416	36.000	valid	-2.584	6.675
5	6/20/01	1159	1259	37.904	40.000	valid	-2.096	4.393
6	6/20/01	1312	1342	40.390	40.000	valid	0.390	0.152
7	6/20/01	1355	1425	57.343	53.000	valid	4.343	18.861
8	6/20/01	856	956	75.915	67.000	void		
9	6/20/01	1010	1110	45.765	44.000	valid	1.765	3.116
10	6/20/01	1126	1156	39.864	39.000	valid	0.864	0.747
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		

Averages:    49.849    48.222    1.627

Standard Deviation	2.7583
Number of Tests	9
t-value	2.306
Confidence Coefficient	2.1202

Relative Accuracy % of Reference Method:    7.5

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 4  
Carbon Monoxide Inlet High**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	DGB
Test Location:	Unit 1 SDA Inlet		
Analyzer:	TECO 48		
Serial Number:	48-45332-273		
App. Standard:	100		
Parameter Units:	ppm@7%O2	CO Inlet High	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/20/01	905	935	20.142	21.000	valid	-0.858	0.737
2	6/20/01	953	1023	18.911	23.000	void		
3	6/20/01	1035	1105	22.743	24.000	valid	-1.257	1.580
4	6/20/01	1116	1146	20.739	21.000	valid	-0.261	0.068
5	6/20/01	1159	1259	19.726	23.000	valid	-3.274	10.716
6	6/20/01	1312	1342	20.902	24.000	valid	-3.098	9.595
7	6/20/01	1355	1425	17.339	21.000	valid	-3.661	13.402
8	6/20/01	856	956	21.446	25.000	valid	-3.554	12.633
9	6/20/01	1010	1110	20.916	23.000	valid	-2.084	4.342
10	6/20/01	1126	1156	22.187	24.000	valid	-1.813	3.289
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		

Averages:      20.682      22.889      -2.207

Standard Deviation	1.2519
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.9623

Relative Accuracy Percent of Standard:      3.2

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 4A  
Carbon Monoxide Inlet Low**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	DGB
Test Location:	Unit 1 SDA Inlet		
Analyzer:	TECO 48		
Serial Number:	48-45332-273		
App. Standard:	100		
Parameter Units:	ppm@7%O2	CO Inlet Low	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/20/01	905	935	20.142	21.0	valid	-0.9	0.7
2	6/20/01	953	1023	18.911	23.0	void		
3	6/20/01	1035	1105	22.743	24.0	valid	-1.3	1.6
4	6/20/01	1116	1146	20.739	21.0	valid	-0.3	0.1
5	6/20/01	1159	1259	19.726	23.0	valid	-3.3	10.7
6	6/20/01	1312	1342	20.902	23.0	valid	-2.1	4.4
7	6/20/01	1355	1425	17.339	20.0	valid	-2.7	7.1
8	6/20/01	856	956	21.446	25.0	valid	-3.6	12.6
9	6/20/01	1010	1110	20.916	22.0	valid	-1.1	1.2
10	6/20/01	1126	1156	22.187	24.0	valid	-1.8	3.3
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
16						invalid		

Averages:            20.7            22.6            -1.9

Standard Deviation	1.1232
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.8634

Relative Accuracy Percent of Standard:            2.7

## EMISSION RATE DATA SUMMARY

Client Name	Covanta Energy	Operator	WHH
Plant Name	Lee County Solid Waste RRF	Project #	10212
Sampling Location	Unit 1 SDA Inlet		

Run Number		1	2	3	4
Run Date		6/20/01	6/20/01	6/20/01	6/20/01
Run Start Time	hh:mm	905	953	1035	1116
Run Stop Time	hh:mm	935	1023	1105	1146
Carbon Dioxide Percentage	% CO <sub>2</sub>	9.900	9.457	9.499	9.453
Oxygen Percentage	% O <sub>2</sub>	10.000	10.546	10.289	10.451

Sulfur Dioxide					
Formula Weight	Fwt	64.06	64.06	64.06	64.06
Concentration, ppm (dry)	ppmvd	45.500	48.090	54.490	25.120
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	58.023	64.560	71.380	33.416

## EMISSION RATE DATA SUMMARY

Client Name	Covanta Energy	Operator	WHH
Plant Name	Lee County Solid Waste RRF	Project #	10212
Sampling Location	Unit 1 SDA Inlet		

Run Number		5	6	7	8
Run Date		6/20/01	6/20/01	6/20/01	6/20/01
Run Start Time	hh:mm	1159	1312	1355	856
Run Stop Time	hh:mm	1259	1342	1425	956
Carbon Dioxide Percentage	% CO <sub>2</sub>	8.989	8.990	9.247	9.400
Oxygen Percentage	% O <sub>2</sub>	11.006	10.999	10.724	10.500

Sulfur Dioxide					
Formula Weight	Fwt	64.06	64.06	64.06	64.06
Concentration, ppm (dry)	ppmvd	26.980	28.770	74.980	56.800
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	37.9	40.4	57.3	75.9



## EMISSION RATE DATA SUMMARY

<b>Client Name</b>	Covanta Energy	<b>Operator</b>	WHH
<b>Plant Name</b>	Lee County Solid Waste RRF	<b>Project #</b>	10212
<b>Sampling Location</b>	Unit 1 SDA Inlet		

<b>Run Number</b>		9	10		
<b>Run Date</b>		6/20/01	6/20/01		
<b>Run Start Time</b>	hh:mm	1010	1126		
<b>Run Stop Time</b>	hh:mm	1110	1156		
<b>Carbon Dioxide Percentage</b>	% CO <sub>2</sub>	9.500	9.700		
<b>Oxygen Percentage</b>	% O <sub>2</sub>	10.300	10.300		

<b>Sulfur Dioxide</b>					
<b>Formula Weight</b>	Fwt	64.06	64.06		
<b>Concentration, ppm (dry)</b>	ppmvd	34.900	30.400		
<b>Concentration, ppm@7%O<sub>2</sub></b>	ppm@7%O <sub>2</sub>	45.8	39.9		

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 9  
Carbon Monoxide Inlet Low**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	DGB
Test Location:	Unit 1 FF Outlet		
Analyzer:	TECO 48		
Serial Number:	48-45332-273		
App. Standard:	100		
Parameter Units:	ppm@7%O2	CO	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/20/01	905	935	20.142	21.0	valid	-0.9	0.7
2	6/20/01	953	1023	18.911	23.0	void		
3	6/20/01	1035	1105	22.743	24.0	valid	-1.3	1.6
4	6/20/01	1116	1146	20.739	21.0	valid	-0.3	0.1
5	6/20/01	1159	1259	19.726	23.0	valid	-3.3	10.7
6	6/20/01	1312	1342	20.902	23.0	valid	-2.1	4.4
7	6/20/01	1355	1425	17.339	20.0	valid	-2.7	7.1
8	6/20/01	856	956	21.446	25.0	valid	-3.6	12.6
9	6/20/01	1010	1110	20.916	22.0	valid	-1.1	1.2
10	6/20/01	1126	1156	22.187	24.0	valid	-1.8	3.3
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
16						invalid		

Averages:      20.7      22.6      -1.9

Standard Deviation	1.1232
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.8634

Relative Accuracy Percent of Standard:      2.7

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 3  
Oxygen**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	DGB
Test Location:	Unit 1 FF Outlet		
Analyzer:	Servomex 1400		
Serial Number:	01420/B146		
App. Standard:	NA		
Parameter Units:	percent, %	Oxygen	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/20/01	905	935	10.500	10.200	valid	0.300	0.090
2	6/20/01	953	1023	10.617	10.400	valid	0.217	0.047
3	6/20/01	1035	1105	10.455	10.200	valid	0.255	0.065
4	6/20/01	1116	1146	10.699	10.400	valid	0.299	0.089
5	6/20/01	1159	1259	11.021	10.800	valid	0.221	0.049
6	6/20/01	1312	1342	11.098	10.900	valid	0.198	0.039
7	6/20/01	1355	1425	10.727	10.500	valid	0.227	0.052
8	6/20/01	856	956	10.400	10.200	valid	0.200	0.040
9	6/20/01	1010	1110	10.400	10.200	valid	0.200	0.040
10	6/20/01	1126	1156	10.500	10.200	void		
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
Averages:				10.657	10.422		0.235	

Standard Deviation	0.0405
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.0311

Relative Accuracy % of Reference Method: 2.5

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 3  
Carbon Dioxide**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	DGB
Test Location:	Unit 1 FF Outlet		
Analyzer:	Milton Roy ZRH1		
Serial Number:	N2L1452T		
App. Standard:	NA		
Parameter Units:	percent, %	CO2	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/20/01	905	935	9.500	9.600	valid	-0.100	0.010
2	6/20/01	953	1023	9.213	9.500	void		
3	6/20/01	1035	1105	9.198	9.400	valid	-0.202	0.041
4	6/20/01	1116	1146	9.178	9.400	valid	-0.222	0.049
5	6/20/01	1159	1259	8.890	9.000	valid	-0.110	0.012
6	6/20/01	1312	1342	8.787	8.900	valid	-0.113	0.013
7	6/20/01	1355	1425	9.097	9.300	valid	-0.203	0.041
8	6/20/01	856	956	9.400	9.500	valid	-0.100	0.010
9	6/20/01	1010	1110	9.300	9.400	valid	-0.100	0.010
10	6/20/01	1126	1156	9.300	9.500	valid	-0.200	0.040
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
Averages:				9.183	9.333		-0.150	

Standard Deviation	0.0544
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.0418

Relative Accuracy % of Reference Method: 2.1

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 2  
Sulfur Dioxide Outlet**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	DGB
Test Location:	Unit 1 FF Outlet		
Analyzer:	Western Research 721M		
Serial Number:	93-721M-8056-8		
App. Standard:	29		
Parameter Units:	ppm@7%O2	SO2	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/20/01	905	935	0.000	0.000	valid	0.000	0.000
2	6/20/01	953	1023	0.000	0.000	valid	0.000	0.000
3	6/20/01	1035	1105	0.000	0.000	valid	0.000	0.000
4	6/20/01	1116	1146	0.000	0.000	valid	0.000	0.000
5	6/20/01	1159	1259	0.000	0.000	valid	0.000	0.000
6	6/20/01	1312	1342	0.000	0.000	valid	0.000	0.000
7	6/20/01	1355	1425	0.000	0.000	valid	0.000	0.000
8	6/20/01	856	956	0.000	0.000	valid	0.000	0.000
9	6/20/01	1010	1110	0.000	0.000	valid	0.000	0.000
10	6/20/01	1126	1156	0.000	0.000	void		
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		

Averages:      0.000      0.000      0.000

Standard Deviation	0.0000
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.0000

Relative Accuracy Percent of Standard:      0.0

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 2  
Nitrogen Oxides**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	DGB
Test Location:	Unit 1 FF Outlet		
Analyzer:	TECO 42 H		
Serial Number:	42H-45546-274		
App. Standard:	205		
Parameter Units:	ppm@7%O2	Nox	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/20/01	905	935	167.468	169.000	valid	-1.532	2.346
2	6/20/01	953	1023	154.207	157.000	valid	-2.793	7.800
3	6/20/01	1035	1105	164.791	167.000	valid	-2.209	4.882
4	6/20/01	1116	1146	159.698	160.000	valid	-0.302	0.091
5	6/20/01	1159	1259	160.626	161.000	valid	-0.374	0.140
6	6/20/01	1312	1342	171.162	171.000	valid	0.162	0.026
7	6/20/01	1355	1425	154.372	158.000	valid	-3.628	13.165
8	6/20/01	856	956	155.150	159.000	valid	-3.850	14.819
9	6/20/01	1010	1110	160.975	162.000	valid	-1.025	1.050
10	6/20/01	1126	1156	158.781	166.000	void		
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
Averages:				160.939	162.667		-1.728	

Standard Deviation	1.4769
Number of Tests	9
t-value	2.306
Confidence Coefficient	1.1353

Relative Accuracy % of Reference Method: 1.8

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 4  
Carbon Monoxide Outlet**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	DGB
Test Location:	Unit 1 FF Outlet		
Analyzer:	Milton Roy ZRH2		
Serial Number:	N2L1452T		
App. Standard:	100		
Parameter Units:	ppm@7%O2	CO	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/20/01	905	935	20.142	21.000	valid	-0.858	0.737
2	6/20/01	953	1023	18.911	22.000	void		
3	6/20/01	1035	1105	22.743	22.000	valid	0.743	0.552
4	6/20/01	1116	1146	20.739	21.000	valid	-0.261	0.068
5	6/20/01	1159	1259	19.726	21.000	valid	-1.274	1.622
6	6/20/01	1312	1342	20.902	22.000	valid	-1.098	1.205
7	6/20/01	1355	1425	17.339	18.000	valid	-0.661	0.437
8	6/20/01	856	956	21.446	24.000	valid	-2.554	6.524
9	6/20/01	1010	1110	20.916	22.000	valid	-1.084	1.175
10	6/20/01	1126	1156	22.187	23.000	valid	-0.813	0.662
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
16						invalid		

Averages:      20.682      21.556      -0.873

Standard Deviation	0.8744
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.6721

Relative Accuracy % of Reference Method:      7.5

## EMISSION RATE DATA SUMMARY

Client Name	Covanta Energy	Operator	WHH
Plant Name	Lee County Solid Waste RRF	Project #	10212
Sampling Location	Unit 1 FF Outlet		

Run Number		1	2	3	4
Run Date		6/20/01	6/20/01	6/20/01	6/20/01
Run Start Time	hh:mm	905	953	1035	1116
Run Stop Time	hh:mm	935	1023	1105	1146
Carbon Dioxide Percentage	% CO <sub>2</sub>	9.500	9.213	9.198	9.178
Oxygen Percentage	% O <sub>2</sub>	10.500	10.617	10.455	10.699

Sulfur Dioxide					
Formula Weight	Fwt	64.06	64.06	64.06	64.06
Concentration, ppm (dry)	ppmvd	0.000	0.000	0.000	0.000
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	0.000	0.000	0.000	0.000

Nitrogen Oxides as NO <sub>2</sub>					
Formula Weight	Fwt	46.01	46.01	46.01	46.01
Concentration, ppm (dry)	ppmvd	125.300	114.080	123.830	117.200
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	167.468	154.207	164.791	159.698

Carbon Monoxide					
Formula Weight	Fwt	28.01	28.01	28.01	28.01
Concentration, ppm (dry)	ppmvd	15.070	13.990	17.090	15.220
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	20.142	18.911	22.743	20.739



## EMISSION RATE DATA SUMMARY

Client Name	Covanta Energy	Operator	WHH
Plant Name	Lee County Solid Waste RRF	Project #	10212
Sampling Location	Unit 1 FF Outlet		

Run Number		5	6	7	8
Run Date		6/20/01	6/20/01	6/20/01	06/21/01
Run Start Time	hh:mm	1159	1312	1355	856
Run Stop Time	hh:mm	1259	1342	1425	956
Carbon Dioxide Percentage	% CO <sub>2</sub>	8.890	8.787	9.097	9.400
Oxygen Percentage	% O <sub>2</sub>	11.021	11.098	10.727	10.400

Sulfur Dioxide					
Formula Weight	Fwt	64.06	64.06	64.06	64.06
Concentration, ppm (dry)	ppmvd	0.000	0.000	0.000	0.000
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	0.0	0.0	0.0	0.0

Nitrogen Oxides as NO <sub>2</sub>					
Formula Weight	Fwt	46.01	46.01	46.01	46.01
Concentration, ppm (dry)	ppmvd	114.160	120.700	112.980	117.200
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	160.6	171.2	154.4	155.2

Carbon Monoxide					
Formula Weight	Fwt	28.01	28.01	28.01	28.01
Concentration, ppm (dry)	ppmvd	14.020	14.740	12.690	16.200
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	19.7	20.9	17.3	21.4

## EMISSION RATE DATA SUMMARY

Client Name	Covanta Energy	Operator	WHH
Plant Name	Lee County Solid Waste RRF	Project #	10212
Sampling Location	Unit 1 FF Outlet		

Run Number		9	10		
Run Date		06/21/01	06/21/01		
Run Start Time	hh:mm	1010	1126		
Run Stop Time	hh:mm	1110	1156		
Carbon Dioxide Percentage	% CO <sub>2</sub>	9.300	9.300		
Oxygen Percentage	% O <sub>2</sub>	10.400	10.500		

<b>Sulfur Dioxide</b>					
Formula Weight	Fwt	64.06	64.06		
Concentration, ppm (dry)	ppmvd	0.000	0.000		
Concentration, ppm@7%O2	ppm@7%O2	0.0	0.0		

<b>Nitrogen Oxides as NO2</b>					
Formula Weight	Fwt	46.01	46.01		
Concentration, ppm (dry)	ppmvd	121.600	118.800		
Concentration, ppm@7%O2	ppm@7%O2	161.0	158.8		

<b>Carbon Monoxide</b>					
Formula Weight	Fwt	28.01	28.01		
Concentration, ppm (dry)	ppmvd	15.800	16.600		
Concentration, ppm@7%O2	ppm@7%O2	20.9	22.2		

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 3  
Oxygen**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	WHH
Test Location:	Unit 2 SDA Inlet		
Analyzer:	Servomex 1400		
Serial Number:	01420/B141		
App. Standard:	NA		
Parameter Units:	percent, %	Oxygen	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/19/01	857	957	10.090	10.000	valid	0.090	0.008
2	6/19/01	1020	1120	10.451	10.100	invalid		
3	6/19/01	1140	1210	10.574	10.300	valid	0.274	0.075
4	6/19/01	1231	1331	10.346	10.000	valid	0.346	0.120
5	6/19/01	1355	1425	10.352	10.200	valid	0.152	0.023
6	6/19/01	1442	1512	10.389	10.400	valid	-0.011	0.000
7	6/19/01	1525	1555	10.637	10.500	valid	0.137	0.019
8	6/19/01	1609	1639	10.139	10.000	valid	0.139	0.019
9	6/19/01	1653	1723	10.084	9.900	valid	0.184	0.034
10	6/19/01	1736	1806	10.365	10.300	valid	0.065	0.004
11								
12								
13								
14								
15								

Averages:      10.331      10.178      0.153

Standard Deviation	0.1072
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.0824

Relative Accuracy % of Reference Method:      2.3

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 3  
Carbon Dioxide Inlet**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	WHH
Test Location:	Unit 2 SDA Inlet		
Analyzer:	Milton Roy ZRH1		
Serial Number:	N2L1462T		
App. Standard:	NA		
Parameter Units:	percent, %	CO2	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/19/01	857	957	9.657	10.000	valid	-0.343	0.118
2	6/19/01	1020	1120	9.471	9.900	void		
3	6/19/01	1140	1210	9.493	9.900	valid	-0.407	0.166
4	6/19/01	1231	1331	9.621	10.000	valid	-0.379	0.144
5	6/19/01	1355	1425	9.436	9.800	valid	-0.364	0.132
6	6/19/01	1442	1512	9.408	9.600	valid	-0.192	0.037
7	6/19/01	1525	1555	9.230	9.500	valid	-0.270	0.073
8	6/19/01	1609	1639	9.739	10.000	valid	-0.261	0.068
9	6/19/01	1653	1723	9.761	10.100	valid	-0.339	0.115
10	6/19/01	1736	1806	9.501	9.800	valid	-0.299	0.089
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
Averages:				9.538	9.856		-0.317	

Standard Deviation	0.0676
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.0520

Relative Accuracy % of Reference Method: 3.9

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 2  
Sulfur Dioxide Inlet**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	WHH
Test Location:	Unit 2 SDA Inlet		
Analyzer:	Western Research 721M		
Serial Number:	93-721M-8056-5		
App. Standard:	NA		
Parameter Units:	ppm@7%O2	SO2	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/19/01	857	957	50.611	45.000	void		
2	6/19/01	1020	1120	63.401	60.000	valid	3.401	11.565
3	6/19/01	1140	1210	38.472	41.000	valid	-2.528	6.391
4	6/19/01	1231	1331	44.503	45.000	valid	-0.497	0.247
5	6/19/01	1355	1425	35.817	34.000	valid	1.817	3.303
6	6/19/01	1442	1512	37.332	33.000	valid	4.332	18.767
7	6/19/01	1525	1555	37.706	37.000	valid	0.706	0.498
8	6/19/01	1609	1639	56.331	56.000	valid	0.331	0.110
9	6/19/01	1653	1723	57.497	57.000	valid	0.497	0.247
10	6/19/01	1736	1806	66.498	65.000	valid	1.498	2.245
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
Averages:				48.617	47.556		1.062	

Standard Deviation	2.0379
Number of Tests	9
t-value	2.306
Confidence Coefficient	1.5665

Relative Accuracy % of Reference Method: 5.4

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 4  
Carbon Monoxide Inlet High**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	WHH
Test Location:	Unit 2 SDA Inlet		
Analyzer:	TECO 48		
Serial Number:	48-46041-275		
App. Standard:	100		
Parameter Units:	ppm@7%O2	CO Inlet High	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/19/01	857	957	15.338	16.000	valid	-0.662	0.438
2	6/19/01	1020	1120	21.695	21.000	valid	0.695	0.482
3	6/19/01	1140	1210	24.980	26.000	valid	-1.020	1.040
4	6/19/01	1231	1331	17.495	16.000	void		
5	6/19/01	1355	1425	17.073	18.000	valid	-0.927	0.860
6	6/19/01	1442	1512	13.951	15.000	valid	-1.049	1.101
7	6/19/01	1525	1555	16.012	17.000	valid	-0.988	0.976
8	6/19/01	1609	1639	14.508	14.000	valid	0.508	0.258
9	6/19/01	1653	1723	17.400	16.000	valid	1.400	1.961
10	6/19/01	1736	1806	16.936	18.000	valid	-1.064	1.133
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		

Averages:    17.544    17.889    -0.345

Standard Deviation	0.9471
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.7280

Relative Accuracy % of Reference Method:    6.1

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 4A  
Carbon Monoxide Inlet Low**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	WHH
Test Location:	Unit 2 SDA Inlet		
Analyzer:	TECO 48		
Serial Number:	48-46041-275		
App. Standard:	100		
Parameter Units:	ppm@7%O2	CO Inlet Low	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/19/01	857	957	15.338	16.0	valid	-0.7	0.4
2	6/19/01	1020	1120	21.695	22.0	valid	-0.3	0.1
3	6/19/01	1140	1210	24.980	26.0	valid	-1.0	1.0
4	6/19/01	1231	1331	17.495	16.0	valid	1.5	2.2
5	6/19/01	1355	1425	17.073	18.0	valid	-0.9	0.9
6	6/19/01	1442	1512	13.951	15.0	valid	-1.0	1.1
7	6/19/01	1525	1555	16.012	18.0	void		
8	6/19/01	1609	1639	14.508	15.0	valid	-0.5	0.2
9	6/19/01	1653	1723	17.400	17.0	valid	0.4	0.2
10	6/19/01	1736	1806	16.936	18.0	valid	-1.1	1.1
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
16						invalid		

Averages:            17.7            18.1            -0.4

Standard Deviation	0.8546
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.6569

Relative Accuracy % of Reference Method:            6.0

## EMISSION RATE DATA SUMMARY

Client Name	Covanta Energy	Operator	WHH
Plant Name	Lee County Solid Waste RRF	Project #	10212
Sampling Location	Unit 2 SDA Inlet		

Run Number		1	2	3	4
Run Date		6/19/01	6/19/01	6/19/01	6/19/01
Run Start Time	hh:mm	857	1020	1140	1231
Run Stop Time	hh:mm	957	1120	1210	1331
Carbon Dioxide Percentage	% CO <sub>2</sub>	9.657	9.471	9.493	9.621
Oxygen Percentage	% O <sub>2</sub>	10.090	10.451	10.574	10.346

Sulfur Dioxide					
Formula Weight	Fwt	64.06	64.06	64.06	64.06
Concentration, ppm (dry)	ppmvd	39.360	47.660	28.580	33.790
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	50.611	63.401	38.472	44.503



## EMISSION RATE DATA SUMMARY

Client Name	Covanta Energy	Operator	WHH
Plant Name	Lee County Solid Waste RRF	Project #	10212
Sampling Location	Unit 2 SDA Inlet		

Run Number		5	6	7	8
Run Date		6/19/01	6/19/01	6/19/01	6/19/01
Run Start Time	hh:mm	1355	1442	1525	1609
Run Stop Time	hh:mm	1425	1512	1555	1639
Carbon Dioxide Percentage	% CO <sub>2</sub>	9.436	9.408	9.230	9.739
Oxygen Percentage	% O <sub>2</sub>	10.352	10.389	10.637	10.139

Sulfur Dioxide					
Formula Weight	Fwt	64.06	64.06	64.06	64.06
Concentration, ppm (dry)	ppmvd	27.180	28.230	27.840	43.610
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	35.8	37.3	37.7	56.3

## EMISSION RATE DATA SUMMARY

Client Name	Covanta Energy	Operator	WHH
Plant Name	Lee County Solid Waste RRF	Project #	10212
Sampling Location	Unit 2 SDA Inlet		

Run Number		9	10		
Run Date		6/19/01	6/19/01		
Run Start Time	hh:mm	1653	1736		
Run Stop Time	hh:mm	1723	1806		
Carbon Dioxide Percentage	% CO <sub>2</sub>	9.761	9.501		
Oxygen Percentage	% O <sub>2</sub>	10.084	10.365		

Sulfur Dioxide					
Formula Weight	Fwt	64.06	64.06		
Concentration, ppm (dry)	ppmvd	44.740	50.400		
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	57.5	66.5		

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 3  
Oxygen**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	WHH
Test Location:	Unit 2 FF Outlet		
Analyzer:	Servomex 1400		
Serial Number:	01420/B142		
App. Standard:	NA		
Parameter Units:	percent, %	Oxygen	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/19/01	857	957	10.696	10.700	valid	-0.004	0.000
2	6/19/01	1020	1120	10.687	10.600	valid	0.087	0.008
3	6/19/01	1140	1210	10.795	10.900	void		
4	6/19/01	1231	1331	10.627	10.600	valid	0.027	0.001
5	6/19/01	1355	1425	10.674	10.600	valid	0.074	0.005
6	6/19/01	1442	1512	10.777	10.700	valid	0.077	0.006
7	6/19/01	1525	1555	10.891	10.800	valid	0.091	0.008
8	6/19/01	1609	1639	10.687	10.600	valid	0.087	0.008
9	6/19/01	1653	1723	10.619	10.600	valid	0.019	0.000
10	6/19/01	1736	1806	10.657	10.600	valid	0.057	0.003
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		

Averages:    10.702    10.644    0.057

Standard Deviation	0.0348
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.0268

Relative Accuracy % of Reference Method:    0.8

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 3  
Carbon Dioxide**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	WHH
Test Location:	Unit 2 FF Outlet		
Analyzer:	Milton Roy ZRH1		
Serial Number:	N2L1451T		
App. Standard:	0		
Parameter Units:	percent, %	CO2	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/19/01	857	957	9.041	9.100	valid	-0.059	0.003
2	6/19/01	1020	1120	9.100	9.200	valid	-0.100	0.010
3	6/19/01	1140	1210	9.104	9.100	valid	0.004	0.000
4	6/19/01	1231	1331	9.148	9.200	valid	-0.052	0.003
5	6/19/01	1355	1425	9.084	9.200	valid	-0.116	0.013
6	6/19/01	1442	1512	8.962	9.100	void		
7	6/19/01	1525	1555	8.891	9.000	valid	-0.109	0.012
8	6/19/01	1609	1639	9.114	9.200	valid	-0.086	0.007
9	6/19/01	1653	1723	9.148	9.200	valid	-0.052	0.003
10	6/19/01	1736	1806	9.117	9.200	valid	-0.083	0.007
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		

Averages:    9.083    9.156    -0.073

Standard Deviation	0.0373
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.0287

Relative Accuracy % of Reference Method:    1.1

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 2  
Sulfur Dioxide Outlet**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	WHH
Test Location:	Unit 2 FF Outlet		
Analyzer:	Western Research 721M		
Serial Number:	93-721M-8056-6		
App. Standard:	29		
Parameter Units:	ppm@7%O2	SO2	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/19/01	857	957	0.000	0.000	valid	0.000	0.000
2	6/19/01	1020	1120	0.000	0.000	valid	0.000	0.000
3	6/19/01	1140	1210	0.000	0.000	valid	0.000	0.000
4	6/19/01	1231	1331	0.000	0.000	valid	0.000	0.000
5	6/19/01	1355	1425	0.000	0.000	valid	0.000	0.000
6	6/19/01	1442	1512	0.000	0.000	valid	0.000	0.000
7	6/19/01	1525	1555	0.000	0.000	valid	0.000	0.000
8	6/19/01	1609	1639	0.000	0.000	valid	0.000	0.000
9	6/19/01	1653	1723	0.000	0.000	valid	0.000	0.000
10	6/19/01	1736	1806	0.000	0.000	void		
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		

Averages:      0.000      0.000      0.000

Standard Deviation	0.0000
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.0000

Relative Accuracy Percent of Standard:      0.0

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 2  
Nitrogen Oxides**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	WHH
Test Location:	Unit 2 FF Outlet		
Analyzer:	TECO 42 H		
Serial Number:	42H-45488-274		
App. Standard:	205		
Parameter Units:	ppm@7%O2	Nox	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/19/01	857	957	159.529	167.000	void		
2	6/19/01	1020	1120	161.144	161.000	valid	0.144	0.021
3	6/19/01	1140	1210	163.320	160.000	valid	3.320	11.021
4	6/19/01	1231	1331	157.036	161.000	valid	-3.964	15.711
5	6/19/01	1355	1425	165.452	169.000	valid	-3.548	12.591
6	6/19/01	1442	1512	159.501	164.000	valid	-4.499	20.245
7	6/19/01	1525	1555	147.610	153.000	valid	-5.390	29.049
8	6/19/01	1609	1639	160.953	166.000	valid	-5.047	25.471
9	6/19/01	1653	1723	164.323	169.000	valid	-4.677	21.873
10	6/19/01	1736	1806	157.456	162.000	valid	-4.544	20.652
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
Averages:				159.644	162.778		-3.134	

Standard Deviation	2.9206
Number of Tests	9
t-value	2.306
Confidence Coefficient	2.2449

Relative Accuracy % of Reference Method: 3.4

**Relative Accuracy - 40CFR60, Appendix B, Performance Specification 4  
Carbon Monoxide Outlet**

Client:	Covanta Energy	Project #:	10212
Facility:	Lee County Solid Waste RRF	Operator:	WHH
Test Location:	Unit 2 FF Outlet		
Analyzer:	Milton Roy ZRH2		
Serial Number:	N2L1451T		
App. Standard:	100		
Parameter Units:	ppm@7%O2	CO	

Test Run #	Test Date	Test Start Time	Test Stop Time	Reference Method Result	Facility CEM Result	Test Status	Difference (Ref-Fac)	Difference Squared
1	6/19/01	857	957	15.338	19.000	void		
2	6/19/01	1020	1120	21.695	23.000	valid	-1.305	1.704
3	6/19/01	1140	1210	24.980	28.000	valid	-3.020	9.120
4	6/19/01	1231	1331	17.495	17.000	valid	0.495	0.245
5	6/19/01	1355	1425	17.073	18.000	valid	-0.927	0.860
6	6/19/01	1442	1512	13.951	16.000	valid	-2.049	4.199
7	6/19/01	1525	1555	16.012	18.000	valid	-1.988	3.951
8	6/19/01	1609	1639	14.508	17.000	valid	-2.492	6.208
9	6/19/01	1653	1723	17.400	20.000	valid	-2.600	6.758
10	6/19/01	1736	1806	16.936	18.000	valid	-1.064	1.133
11						invalid		
12						invalid		
13						invalid		
14						invalid		
15						invalid		
16						invalid		

Averages:      17.783      19.444      -1.661

Standard Deviation	1.0808
Number of Tests	9
t-value	2.306
Confidence Coefficient	0.8307

Relative Accuracy Percent of Standard:      2.5

## EMISSION RATE DATA SUMMARY

Client Name	Covanta Energy	Operator	WHH
Plant Name	Lee County Solid Waste RRF	Project #	10212
Sampling Location	Unit 2 FF Outlet		

Run Number		1	2	3	4
Run Date		6/19/01	6/19/01	6/19/01	6/19/01
Run Start Time	hh:mm	857	1020	1140	1231
Run Stop Time	hh:mm	957	1120	1210	1331
Carbon Dioxide Percentage	% CO <sub>2</sub>	9.041	9.100	9.104	9.148
Oxygen Percentage	% O <sub>2</sub>	10.696	10.687	10.795	10.627

Sulfur Dioxide					
Formula Weight	Fwt	64.06	64.06	64.06	64.06
Concentration, ppm (dry)	ppmvd	0.000	0.000	0.000	0.000
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	0.000	0.000	0.000	0.000

Nitrogen Oxides as NO <sub>2</sub>					
Formula Weight	Fwt	46.01	46.01	46.01	46.01
Concentration, ppm (dry)	ppmvd	117.110	118.400	118.730	116.060
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	159.529	161.144	163.320	157.036

Carbon Monoxide					
Formula Weight	Fwt	28.01	28.01	28.01	28.01
Concentration, ppm (dry)	ppmvd	11.260	15.940	18.160	12.930
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	15.338	21.695	24.980	17.495



## EMISSION RATE DATA SUMMARY

Client Name	Covanta Energy	Operator	WHH
Plant Name	Lee County Solid Waste RRF	Project #	10212
Sampling Location	Unit 2 FF Outlet		

Run Number		5	6	7	8
Run Date		6/19/01	6/19/01	6/19/01	6/19/01
Run Start Time	hh:mm	1355	1442	1525	1609
Run Stop Time	hh:mm	1425	1512	1555	1639
Carbon Dioxide Percentage	% CO <sub>2</sub>	9.084	8.962	8.891	9.114
Oxygen Percentage	% O <sub>2</sub>	10.674	10.777	10.891	10.687

Sulfur Dioxide					
Formula Weight	Fwt	64.06	64.06	64.06	64.06
Concentration, ppm (dry)	ppmvd	0.000	0.000	0.000	0.000
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	0.0	0.0	0.0	0.0

Nitrogen Oxides as NO <sub>2</sub>					
Formula Weight	Fwt	46.01	46.01	46.01	46.01
Concentration, ppm (dry)	ppmvd	121.720	116.160	106.290	118.260
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	165.5	159.5	147.6	161.0

Carbon Monoxide					
Formula Weight	Fwt	28.01	28.01	28.01	28.01
Concentration, ppm (dry)	ppmvd	12.560	10.160	11.530	10.660
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	17.1	14.0	16.0	14.5

## EMISSION RATE DATA SUMMARY

Client Name	Covanta Energy	Operator	WHH
Plant Name	Lee County Solid Waste RRF	Project #	10212
Sampling Location	Unit 2 FF Outlet		

Run Number		9	10		
Run Date		6/19/01	6/19/01		
Run Start Time	hh:mm	1653	1736		
Run Stop Time	hh:mm	1723	1806		
Carbon Dioxide Percentage	% CO <sub>2</sub>	9.148	9.117		
Oxygen Percentage	% O <sub>2</sub>	10.619	10.657		

Sulfur Dioxide					
Formula Weight	Fwt	64.06	64.06		
Concentration, ppm (dry)	ppmvd	0.000	0.000		
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	0.0	0.0		

Nitrogen Oxides as NO <sub>2</sub>					
Formula Weight	Fwt	46.01	46.01		
Concentration, ppm (dry)	ppmvd	121.540	116.030		
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	164.3	157.5		

Carbon Monoxide					
Formula Weight	Fwt	28.01	28.01		
Concentration, ppm (dry)	ppmvd	12.870	12.480		
Concentration, ppm@7%O <sub>2</sub>	ppm@7%O <sub>2</sub>	17.4	16.9		

**APPENDIX B**

**Reference Method Field Data**

**O<sub>2</sub>, CO<sub>2</sub>, SO<sub>2</sub>, NO<sub>x</sub>, and CO**

Calibration Error Test, Run 18 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 4 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Low-range	Mid-range	High-range
O2	XC016839B		XC012598B	CLM003675
CO2	XC016839B		XC012598B	CLM003675
SO2	XC012598B		XC016839B	ALM047968
NOx	XC012598B		CC85599	FF5397
CO	CC8539	XC017944B	CAL11516	CLM005559
O2-In	CC44990		XC012598B	CLM003675
CO2-In	CC44990		XC012598B	CLM003675
SO2-In	XC012598B		CC44990	AAL3762

Date/Time	06-20-2001		08:05:51		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Avg	0.007	0.054	-0.11	0.57	-0.03
Zero Error%	0.0%	0.3%	0.1%	0.1%	0.0%
Low Ref Cyl					30.31
Low Avg					31.26
Low Error%					1.0%
Mid Ref Cyl	11.250	10.960	54.60	233.90	61.95
Mid Avg	11.262	11.006	54.80	234.30	63.47
Mid Error%	0.0%	0.2%	0.2%	0.1%	1.5%
High Ref Cyl	20.100	17.010	91.17	439.00	90.82
High Avg	20.394	16.724	90.23	435.00	90.92
High Error%	1.2%	1.4%	0.9%	0.8%	0.1%

COMPLIANCE 6, 8, 9

Calibration Error Test, Run 40 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

	Reference Cylinder Numbers			
	Zero	Low-range	Mid-range	High-range
O2	XC016839B		XC012598B	CLM003675
CO2	XC016839B		XC012598B	CLM003675
SO2	XC012598B		XC016839B	ALM047968
NOx	XC012598B		CC85599	FF5397
CO	CC8539	XC017944B	CAL11516	CLM005559
O2-In	CC44990		XC012598B	CLM003675
CO2-In	CC44990		XC012598B	CLM003675
SO2-In	XC012598B		CC44990	AAL3762

Date/Time	06-20-2001			08:05:51	PASSED
Analyte	O2-In	CO2-In	SO2-In		
Units	%	%	ppm		
Zero Ref Cyl	0.000	0.000	0.00		
Zero Avg	0.015	0.051	-0.50		
Zero Error%	0.1%	0.3%	0.1%		
Low Ref Cyl					
Low Avg					
Low Error%					
Mid Ref Cyl	11.250	10.960	228.10		
Mid Avg	11.266	11.008	228.26		
Mid Error%	0.1%	0.2%	0.0%		
High Ref Cyl	20.100	17.010	444.30		
High Avg	20.393	16.621	446.05		
High Error%	1.2%	1.9%	0.3%		

Calibration Error Test End

1

Initial System Bias Check, Run 10 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-20-2001		08:26:21		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	0.007	0.054	-0.11	0.57	-0.03
Zero Avg	-0.002	0.077	1.13	0.42	0.10
Zero Bias%	0.0%	0.1%	1.2%	0.0%	0.1%
Zero Drift%					
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	11.006	54.80	234.30	31.26
Span Avg	11.029	10.730	54.06	223.97	30.49
Span Bias%	0.9%	1.4%	0.7%	2.1%	0.8%
Span Drift%					

Initial System Bias Check, Run 10 STRATA Version 2.0

Operator: Bill Harris  
Plant Name: Lee County RRF  
Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-20-2001		08:26:21	PASSED
Analyte	O2-In	CO2-In	SO2-In	
Units	%	%	ppm	
Zero Ref Cyl	0.000	0.000	0.00	
Zero Cal	0.015	0.051	-0.50	
Zero Avg	0.024	0.085	3.88	
Zero Bias%	0.0%	0.2%	0.9%	
Zero Drift%				
Span Ref Cyl	11.250	10.960	228.10	
Span Cal	11.266	11.008	228.26	
Span Avg	11.000	10.679	217.16	
Span Bias%	1.1%	1.6%	2.2%	
Span Drift%				
System Bias Check End				

Test Run 1 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-20-2001 09:06:15	10.657	9.063	-0.07	108.79	20.07
06-20-2001 09:07:16	10.698	8.981	-0.09	114.02	17.77
06-20-2001 09:08:15	10.497	9.288	-0.06	125.88	14.99
06-20-2001 09:09:16	10.004	9.621	-0.11	143.45	13.49
06-20-2001 09:10:15	10.064	9.397	-0.22	142.49	12.82
06-20-2001 09:11:16	10.656	8.937	-0.27	118.76	12.47
06-20-2001 09:12:15	10.622	9.225	-0.24	110.25	14.14
06-20-2001 09:13:15	9.833	9.926	-0.30	138.62	17.18
06-20-2001 09:14:16	9.386	10.185	-0.22	154.03	16.20
06-20-2001 09:15:15	9.649	9.908	-0.32	147.64	11.86
06-20-2001 09:16:16	10.085	9.408	-0.29	124.94	9.03
06-20-2001 09:17:15	10.219	9.425	-0.27	116.92	10.07
06-20-2001 09:18:15	10.279	9.326	-0.40	114.04	13.49
06-20-2001 09:19:16	10.069	9.528	-0.46	125.92	15.18
06-20-2001 09:20:15	10.297	9.228	-0.45	121.66	12.51
06-20-2001 09:21:16	10.863	8.762	-0.45	95.59	11.85
06-20-2001 09:22:15	10.483	9.348	-0.32	115.73	15.10
06-20-2001 09:23:15	10.041	9.487	-0.45	140.83	12.86
06-20-2001 09:24:16	10.504	9.048	-0.45	121.71	11.16
06-20-2001 09:25:15	10.716	8.903	-0.45	103.73	11.73
06-20-2001 09:26:16	10.559	9.351	-0.47	100.14	15.17
06-20-2001 09:27:15	9.519	10.073	-0.52	136.67	16.35
06-20-2001 09:28:15	9.833	9.694	-0.53	136.06	10.99
06-20-2001 09:29:16	10.312	9.213	-0.62	112.74	10.77
06-20-2001 09:30:15	11.006	8.671	-0.60	73.41	12.67
06-20-2001 09:31:16	11.103	8.816	-0.62	65.76	18.02
06-20-2001 09:32:15	10.484	9.176	-0.63	104.54	20.57
06-20-2001 09:33:15	10.298	9.463	-0.69	122.72	14.34
06-20-2001 09:34:16	10.172	9.312	-0.67	127.89	15.48
06-20-2001 09:35:15	10.311	9.430	-0.66	117.95	18.26
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-20-2001 09:35:15	10.308	9.339	-0.40	119.43	14.22

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 4 Inlet and Outlet



Test Run 1 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-20-2001 09:06:15	10.542	9.113	24.91
06-20-2001 09:07:16	10.579	9.013	26.21
06-20-2001 09:08:15	9.990	9.643	28.72
06-20-2001 09:09:16	9.621	9.915	33.56
06-20-2001 09:10:15	9.828	9.644	37.05
06-20-2001 09:11:16	10.396	9.114	36.26
06-20-2001 09:12:15	9.876	9.804	37.39
06-20-2001 09:13:15	9.057	10.525	41.16
06-20-2001 09:14:16	8.870	10.533	42.64
06-20-2001 09:15:15	9.365	10.140	43.72
06-20-2001 09:16:16	9.924	9.608	45.55
06-20-2001 09:17:15	9.690	9.869	47.24
06-20-2001 09:18:15	9.893	9.670	48.34
06-20-2001 09:19:16	9.601	9.913	48.55
06-20-2001 09:20:15	9.809	9.698	48.04
06-20-2001 09:21:16	10.463	9.081	46.03
06-20-2001 09:22:15	9.628	9.961	49.14
06-20-2001 09:23:15	9.574	9.883	51.69
06-20-2001 09:24:16	10.078	9.400	49.64
06-20-2001 09:25:15	10.515	9.029	50.18
06-20-2001 09:26:16	9.727	9.973	52.04
06-20-2001 09:27:15	9.115	10.333	57.96
06-20-2001 09:28:15	9.553	9.908	57.17
06-20-2001 09:29:16	9.958	9.542	56.93
06-20-2001 09:30:15	10.738	8.853	56.48
06-20-2001 09:31:16	10.327	9.403	60.68
06-20-2001 09:32:15	9.879	9.620	67.47
06-20-2001 09:33:15	9.539	10.029	63.14
06-20-2001 09:34:16	9.827	9.659	69.82
06-20-2001 09:35:15	9.679	9.929	71.35
Run Averages	O2-In %	CO2-In %	SO2-In ppm
06-20-2001 09:35:15	9.855	9.693	48.29

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet  
 Test Run 1 End

Final System Bias Check, Run 1 . STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	AAL15156	XC016839B
NOx	AAL904	CC85599
CO	CC8539	XCO17944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-20-2001 09:46:34				PASSED				
Analyte	O2	CO2	SO2	NOx	CO	O2-In	CO2-In	SO2-In	
Units	%	%	ppm	ppm	ppm	%	%	ppm	
Zero Ref Cyl	0	0	0	0	0	0	0	0	0
Zero Cal	0.007	0.054	-0.11	0.57	-0.03	0.015	0.051	-0.5	
Zero Avg	0.129	0.208	1.27	1.45	-1.8	0.043	0.137	8.2	
Zero Bias%	0.5	0.8	1.4	0.2	-1.8	0.1	0.4	1.7	
Zero Drift%	-0.5	-0.7	-0.1	-0.2	1.9	-0.1	-0.3	-0.9	
Span Ref Cyl	11.25	10.96	54.6	233.9	30.31	11.25	10.96	228.1	
Span Cal	11.262	11.006	54.8	234.3	31.26	11.266	11.008	228.26	
Span Avg	11.096	10.851	53.55	220.2	28.39	11.067	10.673	218.43	
Span Bias%	-0.7	-0.8	-1.3	-2.8	-2.9	-0.8	-1.7	-2.0	
Span Drift%	-0.3	-0.6	0.5	0.8	2.1	-0.3	0.0	-0.3	
Ini Zero Avg	-0.002	0.077	1.13	0.42	0.1	0.024	0.085	3.88	
Ini Span Avg	11.029	10.73	54.06	223.97	30.49	11	10.679	217.16	
Run Avg	10.308	9.339	-0.4	119.43	14.22	9.855	9.693	48.29	
Co	0.06	0.14	1.20	0.94	-0.85	0.03	0.11	6.04	
Cm	11.06	10.79	53.81	222.09	29.44	11.03	10.68	217.80	
Correct Avg	10.5	9.5	-1.7	125.3	15.1	10.0	9.9	45.5	

Test Run 2 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-20-2001 09:54:04	10.196	9.236	-0.35	118.79	10.92
06-20-2001 09:55:05	10.525	9.093	-0.43	92.42	12.37
06-20-2001 09:56:04	10.429	9.155	-0.57	98.06	14.02
06-20-2001 09:57:04	9.659	9.967	-0.65	134.05	15.12
06-20-2001 09:58:04	10.040	9.299	-0.67	117.17	11.50
06-20-2001 09:59:04	10.831	8.806	-0.71	78.81	13.92
06-20-2001 10:00:05	10.965	8.734	-0.79	74.70	14.51
06-20-2001 10:01:04	10.818	8.897	-0.83	82.84	14.39
06-20-2001 10:02:04	10.804	8.950	-0.73	89.28	15.31
06-20-2001 10:03:04	10.620	9.044	-0.88	106.35	15.45
06-20-2001 10:04:04	10.228	9.548	-0.88	127.75	13.73
06-20-2001 10:05:05	9.772	9.834	-0.98	150.20	9.87
06-20-2001 10:06:04	10.058	9.365	-1.00	138.22	8.10
06-20-2001 10:07:04	10.653	8.957	-1.00	109.28	9.29
06-20-2001 10:08:04	10.808	8.891	-1.03	90.76	10.63
06-20-2001 10:09:04	10.818	8.849	-1.15	83.47	13.37
06-20-2001 10:10:05	10.825	8.929	-1.15	88.96	11.98
06-20-2001 10:11:04	10.561	9.104	-1.20	104.27	13.29
06-20-2001 10:12:04	10.299	9.356	-1.12	126.66	10.67
06-20-2001 10:13:04	10.205	9.406	-1.00	134.26	7.99
06-20-2001 10:14:04	9.873	9.871	-1.20	135.76	8.88
06-20-2001 10:15:05	9.608	9.942	-1.24	138.71	9.99
06-20-2001 10:16:04	9.864	9.755	-1.26	131.05	10.25
06-20-2001 10:17:04	10.652	8.906	-1.23	106.90	11.49
06-20-2001 10:18:04	11.096	8.716	-1.15	69.27	13.91
06-20-2001 10:19:04	11.059	8.704	-1.29	70.17	16.22
06-20-2001 10:20:05	11.288	8.646	-1.32	71.09	13.94
06-20-2001 10:21:04	10.606	9.104	-1.39	110.42	15.97
06-20-2001 10:22:05	10.567	9.207	-1.35	121.84	11.11
06-20-2001 10:23:04	10.476	9.115	-1.49	112.23	11.26
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-20-2001 10:23:04	10.474	9.180	-1.00	107.12	12.32

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit † Inlet and Outlet

Test Run 2 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-20-2001 09:54:04	9.719	9.607	58.03
06-20-2001 09:55:05	9.967	9.529	53.42
06-20-2001 09:56:04	10.108	9.384	53.55
06-20-2001 09:57:04	9.177	10.194	56.94
06-20-2001 09:58:04	10.205	9.139	55.07
06-20-2001 09:59:04	10.783	8.774	51.55
06-20-2001 10:00:05	10.828	8.757	52.99
06-20-2001 10:01:04	10.493	9.027	56.58
06-20-2001 10:02:04	10.357	9.199	53.60
06-20-2001 10:03:04	10.277	9.221	54.20
06-20-2001 10:04:04	9.915	9.636	55.43
06-20-2001 10:05:05	9.705	9.804	52.75
06-20-2001 10:06:04	10.245	9.140	51.05
06-20-2001 10:07:04	10.527	8.968	48.12
06-20-2001 10:08:04	10.567	8.963	48.80
06-20-2001 10:09:04	10.687	8.836	49.52
06-20-2001 10:10:05	10.496	9.064	48.90
06-20-2001 10:11:04	10.251	9.282	46.08
06-20-2001 10:12:04	10.042	9.443	46.13
06-20-2001 10:13:04	10.269	9.186	46.67
06-20-2001 10:14:04	9.829	9.705	48.15
06-20-2001 10:15:05	9.985	9.461	50.55
06-20-2001 10:16:04	10.192	9.335	51.52
06-20-2001 10:17:04	11.272	8.439	46.59
06-20-2001 10:18:04	11.261	8.500	42.86
06-20-2001 10:19:04	11.079	8.609	43.74
06-20-2001 10:20:05	11.188	8.624	40.84
06-20-2001 10:21:04	10.566	8.999	40.42
06-20-2001 10:22:05	10.363	9.228	38.49
06-20-2001 10:23:04	10.213	9.352	40.03
Run Averages	O2-In %	CO2-In %	SO2-In ppm
06-20-2001 10:23:04	10.352	9.181	49.42

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet  
 Test Run 2 End

Final System Bias Check, Run 2 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit # Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-20-2001		10:32:28		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	0.007	0.054	-0.11	0.57	-0.03
Zero Avg	0.171	0.452	-0.03	2.73	-2.37
Zero Bias%	0.7%	2.0%	0.1%	0.4%	2.3%
Zero Drift%	0.2%	1.2%	-1.3%	0.3%	-0.6%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	11.006	54.80	234.30	31.26
Span Avg	11.082	10.864	52.46	214.65	29.82
Span Bias%	0.7%	0.7%	2.3%	3.9%	1.4%
Span Drift%	-0.1%	0.1%	-1.1%	-1.1%	1.4%
Ini Zero Avg	0.129	0.208	1.27	1.45	-1.80
Ini Span Avg	11.096	10.851	53.55	220.20	28.39
Run Avg	10.474	9.180	-1.00	107.12	12.32
Co	0.150	0.330	0.62	2.09	-2.08
Cm	11.089	10.858	53.01	217.42	29.11
Correct Avg	10.617	9.213	-1.69	114.08	13.99

Final System Bias Check, Run 2 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-20-2001 10:32:28 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	0.015	0.051	-0.50
Zero Avg	0.047	0.134	2.25
Zero Bias%	0.1%	0.4%	0.6%
Zero Drift%	0.0%	0.0%	-1.2%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.266	11.008	228.26
Span Avg	11.012	10.563	211.27
Span Bias%	1.0%	2.2%	3.4%
Span Drift%	-0.2%	-0.5%	-1.4%

Ini Zero Avg	0.043	0.137	8.20
Ini Span Avg	11.067	10.673	218.43
Run Avg	10.352	9.181	49.42
Co	0.045	0.135	5.23
Cm	11.039	10.618	214.85
Correct Avg	10.546	9.457	48.09

System Bias Check End

Test Run 3 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-20-2001 10:36:25	10.016	9.519	-0.85	144.30	11.96
06-20-2001 10:37:25	9.697	9.934	-1.07	156.45	13.66
06-20-2001 10:38:24	9.698	9.677	-1.04	142.54	14.35
06-20-2001 10:39:25	10.557	8.985	-1.25	103.95	15.77
06-20-2001 10:40:24	10.637	9.029	-1.27	97.68	17.40
06-20-2001 10:41:25	10.488	9.049	-1.47	99.37	19.87
06-20-2001 10:42:25	10.604	9.102	-1.56	90.73	19.65
06-20-2001 10:43:24	9.997	9.504	-1.51	114.92	22.57
06-20-2001 10:44:25	10.381	9.088	-1.57	107.15	17.93
06-20-2001 10:45:24	10.183	9.261	-1.68	124.30	17.29
06-20-2001 10:46:25	10.343	9.082	-1.68	116.93	17.50
06-20-2001 10:47:25	10.430	9.044	-1.63	118.03	19.07
06-20-2001 10:48:24	10.693	8.770	-1.74	102.15	19.92
06-20-2001 10:49:25	10.847	8.720	-1.72	87.01	15.90
06-20-2001 10:50:24	10.664	8.827	-1.71	93.26	15.12
06-20-2001 10:51:25	10.775	8.836	-1.83	93.84	18.35
06-20-2001 10:52:25	9.763	9.691	-1.78	131.32	19.59
06-20-2001 10:53:24	9.507	9.791	-1.76	146.65	11.97
06-20-2001 10:54:25	9.484	9.643	-1.83	153.15	12.29
06-20-2001 10:55:24	10.569	8.702	-1.82	104.76	14.94
06-20-2001 10:56:25	10.985	8.505	-1.98	83.01	12.26
06-20-2001 10:57:24	11.140	8.490	-1.97	74.83	14.59
06-20-2001 10:58:24	10.853	8.661	-1.97	86.74	16.54
06-20-2001 10:59:25	10.373	9.182	-1.91	108.82	16.63
06-20-2001 11:00:25	10.109	9.185	-1.96	128.07	15.10
06-20-2001 11:01:24	10.328	9.140	-1.98	131.06	12.96
06-20-2001 11:02:25	10.043	9.371	-1.98	132.65	14.34
06-20-2001 11:03:24	10.230	9.140	-2.07	123.04	11.45
06-20-2001 11:04:25	10.150	9.394	-2.02	123.39	11.75
06-20-2001 11:05:25	9.629	9.842	-2.05	143.58	13.61
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-20-2001 11:05:25	10.305	9.173	-1.69	115.51	15.81

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Test Run 3 STRATA Version 2.0

	O2-In	CO2-In	SO2-In
	%	%	ppm
Begin calculating run averages			
06-20-2001 10:36:25	9.934	9.452	54.57
06-20-2001 10:37:25	9.349	10.080	60.23
06-20-2001 10:38:24	9.849	9.417	64.65
06-20-2001 10:39:25	10.623	8.856	55.97
06-20-2001 10:40:24	10.620	8.902	54.56
06-20-2001 10:41:25	10.555	8.883	53.45
06-20-2001 10:42:25	10.340	9.145	51.84
06-20-2001 10:43:24	9.990	9.291	55.41
06-20-2001 10:44:25	10.482	8.943	51.72
06-20-2001 10:45:24	9.904	9.371	53.79
06-20-2001 10:46:25	10.016	9.257	53.44
06-20-2001 10:47:25	10.068	9.198	55.71
06-20-2001 10:48:24	10.543	8.762	54.71
06-20-2001 10:49:25	10.706	8.659	51.62
06-20-2001 10:50:24	10.671	8.653	52.03
06-20-2001 10:51:25	10.695	8.782	52.61
06-20-2001 10:52:25	9.507	9.625	56.07
06-20-2001 10:53:24	9.191	9.859	59.98
06-20-2001 10:54:25	9.236	9.712	66.01
06-20-2001 10:55:24	10.470	8.708	55.13
06-20-2001 10:56:25	10.610	8.618	50.15
06-20-2001 10:57:24	10.653	8.655	50.24
06-20-2001 10:58:24	10.324	8.850	50.09
06-20-2001 10:59:25	9.562	9.584	51.60
06-20-2001 11:00:25	10.010	9.150	52.66
06-20-2001 11:01:24	9.973	9.271	46.72
06-20-2001 11:02:25	9.672	9.556	46.96
06-20-2001 11:03:24	10.072	9.158	41.38
06-20-2001 11:04:25	9.694	9.565	40.51
06-20-2001 11:05:25	9.234	9.965	44.07
Run Averages	O2-In	CO2-In	SO2-In
	%	%	ppm
06-20-2001 11:05:26	10.084	9.199	52.93

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet  
 Test Run 3 End



Final System Bias Check, Run 3 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

	Reference Cylinder Numbers	
	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-20-2001		11:13:54		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	0.007	0.054	-0.11	0.57	-0.03
Zero Avg	0.062	0.262	-0.39	2.81	-0.96
Zero Bias%	0.2%	1.0%	0.3%	0.4%	0.9%
Zero Drift%	-0.4%	-0.9%	-0.4%	0.0%	1.4%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	11.006	54.80	234.30	31.26
Span Avg	11.077	10.860	51.49	216.78	28.85
Span Bias%	0.7%	0.7%	3.3%	3.5%	2.4%
Span Drift%	0.0%	0.0%	-1.0%	0.4%	-1.0%
Ini Zero Avg	0.171	0.452	-0.03	2.73	-2.37
Ini Span Avg	11.082	10.864	52.46	214.65	29.82
Run Avg	10.305	9.173	-1.69	115.51	15.81
Co	0.116	0.357	-0.21	2.77	-1.67
Cm	11.079	10.862	51.98	215.71	29.33
Correct Avg	10.455	9.198	-1.55	123.83	17.09

Final System Bias Check, Run 3 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-20-2001		11:13:55	PASSED
Analyte	O2-In	CO2-In	SO2-In	
Units	%	%	ppm	
Zero Ref Cyl	0.000	0.000	0.00	
Zero Cal	0.015	0.051	-0.50	
Zero Avg	0.040	0.117	4.19	
Zero Bias%	0.1%	0.3%	0.9%	
Zero Drift%	0.0%	-0.1%	0.4%	
Span Ref Cyl	11.250	10.960	228.10	
Span Cal	11.266	11.008	228.26	
Span Avg	11.032	10.625	211.32	
Span Bias%	0.9%	1.9%	3.4%	
Span Drift%	0.1%	0.3%	0.0%	
Ini Zero Avg	0.047	0.134	2.25	
Ini Span Avg	11.012	10.563	211.27	
Run Avg	10.084	9.199	52.93	
Co	0.043	0.125	3.22	
Cm	11.022	10.594	211.29	
Correct Avg	10.289	9.499	54.49	
System Bias Check End				

Test Run 4 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-20-2001 11:17:04	9.806	9.543	-1.20	147.33	13.33
06-20-2001 11:18:04	10.685	8.780	-1.36	106.57	10.02
06-20-2001 11:19:04	11.363	8.423	-1.63	65.77	11.97
06-20-2001 11:20:04	11.013	8.827	-1.67	79.18	14.15
06-20-2001 11:21:03	10.537	9.173	-1.78	101.69	15.72
06-20-2001 11:22:04	9.831	9.891	-1.93	142.47	14.70
06-20-2001 11:23:04	10.020	9.429	-1.95	131.40	11.68
06-20-2001 11:24:04	10.694	9.040	-2.02	107.55	10.34
06-20-2001 11:25:04	9.802	9.941	-2.03	148.18	14.12
06-20-2001 11:26:03	9.765	9.705	-2.14	137.87	12.04
06-20-2001 11:27:04	10.266	9.193	-2.30	115.62	10.26
06-20-2001 11:28:04	11.110	8.550	-2.26	68.08	9.78
06-20-2001 11:29:04	11.171	8.669	-2.23	70.49	11.11
06-20-2001 11:30:04	11.098	8.649	-2.37	76.47	12.38
06-20-2001 11:31:03	10.909	8.774	-2.41	96.69	12.99
06-20-2001 11:32:04	11.518	8.265	-2.38	79.42	12.84
06-20-2001 11:33:04	11.145	8.827	-2.31	93.55	16.65
06-20-2001 11:34:04	10.334	9.353	-2.46	125.63	21.27
06-20-2001 11:35:04	10.407	9.144	-2.47	136.99	18.22
06-20-2001 11:36:03	10.742	9.087	-2.39	123.65	15.78
06-20-2001 11:37:04	10.206	9.374	-2.43	130.35	19.92
06-20-2001 11:38:04	10.556	9.046	-2.46	117.86	13.69
06-20-2001 11:39:04	10.330	9.384	-2.49	124.74	17.93
06-20-2001 11:40:04	10.440	9.061	-2.59	116.03	14.65
06-20-2001 11:41:03	10.974	8.756	-2.64	82.93	14.40
06-20-2001 11:42:04	10.572	9.029	-2.48	102.87	18.33
06-20-2001 11:43:04	10.972	8.793	-2.61	89.04	13.93
06-20-2001 11:44:04	10.177	9.549	-2.57	113.80	17.62
06-20-2001 11:45:04	9.598	10.072	-2.63	139.41	14.06
06-20-2001 11:46:04	9.912	9.426	-2.55	135.93	10.92
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-20-2001 11:46:04	10.531	9.125	-2.22	110.28	14.16

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Test Run 4 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-20-2001 11:17:04	9.701	9.544	36.02
06-20-2001 11:18:04	10.582	8.735	31.93
06-20-2001 11:19:04	11.077	8.489	29.83
06-20-2001 11:20:04	10.451	8.971	32.58
06-20-2001 11:21:03	10.211	9.228	33.42
06-20-2001 11:22:04	9.270	10.120	35.28
06-20-2001 11:23:04	10.027	9.254	31.76
06-20-2001 11:24:04	10.294	9.227	28.93
06-20-2001 11:25:04	9.298	10.038	34.02
06-20-2001 11:26:03	9.877	9.416	32.68
06-20-2001 11:27:04	10.319	8.983	30.14
06-20-2001 11:28:04	11.150	8.411	26.79
06-20-2001 11:29:04	10.628	8.858	28.69
06-20-2001 11:30:04	10.837	8.714	29.23
06-20-2001 11:31:03	10.426	8.962	28.97
06-20-2001 11:32:04	11.276	8.353	26.87
06-20-2001 11:33:04	10.410	9.158	23.73
06-20-2001 11:34:04	10.075	9.448	24.98
06-20-2001 11:35:04	10.245	9.168	24.96
06-20-2001 11:36:03	10.324	9.270	23.34
06-20-2001 11:37:04	10.106	9.290	24.27
06-20-2001 11:38:04	10.445	9.036	22.77
06-20-2001 11:39:04	9.934	9.527	23.90
06-20-2001 11:40:04	10.255	9.120	23.94
06-20-2001 11:41:03	10.779	8.828	23.33
06-20-2001 11:42:04	10.150	9.202	23.99
06-20-2001 11:43:04	10.627	8.989	21.77
06-20-2001 11:44:04	9.734	9.730	23.03
06-20-2001 11:45:04	9.343	10.055	24.07
06-20-2001 11:46:04	10.328	9.032	24.74
Run Averages	O2-In %	CO2-In %	SO2-In ppm
06-20-2001 11:46:04	10.272	9.172	27.67

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet  
 Test Run 4 End

Final System Bias Check, Run 4 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-20-2001		11:55:18		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	0.007	0.054	-0.11	0.57	-0.03
Zero Avg	-0.014	0.136	-0.58	0.66	-0.79
Zero Bias%	0.1%	0.4%	0.5%	0.0%	0.8%
Zero Drift%	-0.3%	-0.6%	-0.2%	-0.4%	0.2%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	11.006	54.80	234.30	31.26
Span Avg	11.068	10.858	53.10	219.94	29.27
Span Bias%	0.8%	0.7%	1.7%	2.9%	2.0%
Span Drift%	0.0%	0.0%	1.6%	0.6%	0.4%
Ini Zero Avg	0.062	0.262	-0.39	2.81	-0.96
Ini Span Avg	11.077	10.860	51.49	216.78	28.85
Run Avg	10.531	9.125	-2.22	110.28	14.16
Co	0.024	0.199	-0.49	1.73	-0.88
Cm	11.072	10.859	52.29	218.36	29.06
Correct Avg	10.699	9.178	-1.80	117.20	15.22

Final System Bias Check, Run 4 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 4 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-20-2001 11:55:19 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	0.015	0.051	-0.50
Zero Avg	0.034	0.086	5.83
Zero Bias%	0.1%	0.2%	1.3%
Zero Drift%	0.0%	-0.2%	0.3%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.266	11.008	228.26
Span Avg	11.078	10.611	210.17
Span Bias%	0.8%	2.0%	3.6%
Span Drift%	0.2%	-0.1%	-0.2%

Ini Zero Avg	0.040	0.117	4.19
Ini Span Avg	11.032	10.625	211.32
Run Avg	10.272	9.172	27.67
Co	0.037	0.101	5.01
Cm	11.055	10.618	210.74
Correct Avg	10.451	9.453	25.12
System Bias Check End			

Test Run 5 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-20-2001 12:00:11	10.708	8.969	-1.90	109.30	12.10
06-20-2001 12:01:12	10.816	8.971	-2.13	89.01	15.75
06-20-2001 12:02:11	10.356	9.410	-2.19	117.51	13.86
06-20-2001 12:03:11	10.322	9.187	-2.28	127.34	12.36
06-20-2001 12:04:11	10.519	9.219	-2.51	113.73	10.44
06-20-2001 12:05:11	10.323	9.292	-2.57	114.76	12.54
06-20-2001 12:06:12	10.310	9.204	-2.67	114.40	11.72
06-20-2001 12:07:11	10.380	9.215	-2.69	107.55	11.80
06-20-2001 12:08:11	10.468	9.043	-2.64	90.91	11.59
06-20-2001 12:09:11	11.093	8.607	-2.72	58.87	14.71
06-20-2001 12:10:11	10.967	8.783	-2.73	68.04	20.54
06-20-2001 12:11:12	10.674	9.005	-2.78	96.03	16.25
06-20-2001 12:12:11	10.186	9.459	-2.83	124.79	16.07
06-20-2001 12:13:12	10.066	9.401	-2.72	140.93	11.25
06-20-2001 12:14:11	10.268	9.216	-2.83	134.67	11.30
06-20-2001 12:15:11	10.706	8.891	-2.78	110.50	12.39
06-20-2001 12:16:12	10.774	8.957	-2.90	103.21	15.13
06-20-2001 12:17:11	10.284	9.377	-2.89	131.25	14.64
06-20-2001 12:18:12	9.848	9.663	-2.96	149.79	13.68
06-20-2001 12:19:11	9.755	9.742	-2.90	155.04	11.53
06-20-2001 12:20:11	10.211	9.184	-3.02	132.78	10.83
06-20-2001 12:21:12	10.584	9.015	-3.01	113.83	11.17
06-20-2001 12:22:11	10.613	9.036	-3.06	119.05	12.08
06-20-2001 12:23:12	10.415	9.091	-3.01	127.99	12.69
06-20-2001 12:24:11	10.376	9.356	-3.02	128.10	11.59
06-20-2001 12:25:11	9.842	9.639	-3.07	148.27	11.87
06-20-2001 12:26:12	10.384	8.978	-3.08	117.95	9.15
06-20-2001 12:27:11	11.519	8.156	-3.04	60.42	9.59
06-20-2001 12:28:12	11.585	8.347	-3.09	56.46	13.64
06-20-2001 12:29:11	11.497	8.360	-3.16	64.54	12.91
06-20-2001 12:30:11	10.935	8.760	-3.18	106.01	13.51
06-20-2001 12:31:12	11.338	8.473	-3.08	90.68	12.25
06-20-2001 12:32:11	11.294	8.409	-3.21	98.46	13.84
06-20-2001 12:33:12	11.083	9.020	-3.11	117.58	15.88
06-20-2001 12:34:11	9.700	9.681	-3.20	165.28	11.98
06-20-2001 12:35:11	10.620	8.893	-3.21	115.15	6.59
06-20-2001 12:36:12	11.549	8.029	-3.20	64.02	10.02
06-20-2001 12:37:11	12.010	8.113	-3.17	49.13	14.12
06-20-2001 12:38:12	11.231	8.565	-3.26	99.61	12.93
06-20-2001 12:39:11	11.804	8.092	-3.26	70.09	10.37
06-20-2001 12:40:12	10.967	9.017	-3.20	117.42	16.08
06-20-2001 12:41:11	10.545	8.972	-3.32	148.47	9.71
06-20-2001 12:42:11	11.451	8.159	-3.19	99.09	8.05
06-20-2001 12:43:12	11.908	8.263	-3.16	68.43	12.85
06-20-2001 12:44:11	11.066	8.727	-3.33	103.84	14.81
06-20-2001 12:45:12	11.095	8.602	-3.24	101.12	9.13
06-20-2001 12:46:11	11.724	8.231	-3.25	67.82	12.38
06-20-2001 12:47:11	11.354	8.516	-3.30	83.27	16.99
06-20-2001 12:48:12	10.866	8.917	-3.37	120.86	14.44
06-20-2001 12:49:11	11.046	8.671	-3.32	112.49	10.86
06-20-2001 12:50:12	11.406	8.369	-3.32	95.75	12.07
06-20-2001 12:51:11	11.788	8.213	-3.41	81.15	13.38

Test Run 5 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-20-2001 12:00:11	10.423	9.058	50.40
06-20-2001 12:01:12	10.275	9.276	50.13
06-20-2001 12:02:11	9.680	9.779	53.06
06-20-2001 12:03:11	10.196	9.160	52.94
06-20-2001 12:04:11	10.074	9.420	47.84
06-20-2001 12:05:11	9.968	9.466	48.94
06-20-2001 12:06:12	10.303	9.059	45.70
06-20-2001 12:07:11	10.134	9.225	42.48
06-20-2001 12:08:11	10.583	8.822	40.40
06-20-2001 12:09:11	11.102	8.521	37.76
06-20-2001 12:10:11	10.797	8.744	37.98
06-20-2001 12:11:12	10.454	8.993	37.13
06-20-2001 12:12:11	9.973	9.443	34.74
06-20-2001 12:13:12	10.222	9.133	33.77
06-20-2001 12:14:11	10.158	9.178	33.72
06-20-2001 12:15:11	10.769	8.719	32.55
06-20-2001 12:16:12	10.678	8.850	30.25
06-20-2001 12:17:11	10.129	9.317	28.82
06-20-2001 12:18:12	9.983	9.370	30.09
06-20-2001 12:19:11	9.888	9.386	29.30
06-20-2001 12:20:11	10.593	8.801	27.14
06-20-2001 12:21:12	10.657	8.800	27.38
06-20-2001 12:22:11	10.649	8.861	28.99
06-20-2001 12:23:12	10.633	8.786	28.31
06-20-2001 12:24:11	10.324	9.176	28.40
06-20-2001 12:25:11	10.184	9.097	32.05
06-20-2001 12:26:12	11.101	8.362	30.76
06-20-2001 12:27:11	12.082	7.707	27.11
06-20-2001 12:28:12	11.473	8.222	26.39
06-20-2001 12:29:11	11.611	8.157	26.89
06-20-2001 12:30:11	10.938	8.572	25.99
06-20-2001 12:31:12	11.156	8.468	24.50
06-20-2001 12:32:11	11.231	8.293	23.54
06-20-2001 12:33:12	10.514	9.111	21.74
06-20-2001 12:34:11	10.346	8.947	25.32
06-20-2001 12:35:11	11.052	8.478	24.72
06-20-2001 12:36:12	12.380	7.455	23.93
06-20-2001 12:37:11	11.627	8.247	20.36
06-20-2001 12:38:12	11.052	8.487	22.07
06-20-2001 12:39:11	11.911	7.961	21.60
06-20-2001 12:40:12	10.372	9.171	20.79
06-20-2001 12:41:11	10.798	8.676	23.73
06-20-2001 12:42:11	12.024	7.699	22.99
06-20-2001 12:43:12	11.688	8.243	22.37
06-20-2001 12:44:11	11.176	8.456	23.25
06-20-2001 12:45:12	11.399	8.227	21.24
06-20-2001 12:46:11	12.006	7.925	19.90
06-20-2001 12:47:11	11.353	8.368	21.19
06-20-2001 12:48:12	10.916	8.636	22.77
06-20-2001 12:49:11	11.181	8.459	22.64
06-20-2001 12:50:12	11.476	8.190	21.62
06-20-2001 12:51:11	11.675	8.182	20.27



Test Run 5 STRATA Version 2.0

	O2	CO2	SO2	NOx	CO
	%	%	ppm	ppm	ppm
06-20-2001 12:52:12	11.071	8.732	-3.42	115.40	17.27
06-20-2001 12:53:11	11.244	8.464	-3.29	114.80	14.42
06-20-2001 12:54:12	11.679	8.229	-3.35	93.88	13.82
06-20-2001 12:55:11	11.513	8.466	-3.38	93.00	17.20
06-20-2001 12:56:11	10.687	9.013	-3.37	133.57	14.05
06-20-2001 12:57:12	10.959	8.664	-3.37	128.47	11.66
06-20-2001 12:58:11	11.442	8.457	-3.33	99.97	13.88
06-20-2001 12:59:12	9.977	9.859	-3.48	150.49	20.55
Run Averages	O2	CO2	SO2	NOx	CO
	%	%	ppm	ppm	ppm
06-20-2001 12:59:12	10.853	8.856	-3.02	107.22	13.01

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Test Run 5 STRATA Version 2.0

	O2-In	CO2-In	SO2-In
	%	%	ppm
06-20-2001 12:52:12	10.828	8.667	20.16
06-20-2001 12:53:11	11.357	8.251	19.77
06-20-2001 12:54:12	11.742	8.054	18.57
06-20-2001 12:55:11	11.304	8.451	19.04
06-20-2001 12:56:11	10.451	8.951	20.89
06-20-2001 12:57:12	11.197	8.392	21.66
06-20-2001 12:58:11	11.545	8.276	18.38
06-20-2001 12:59:12	9.536	9.911	18.97
Run Averages	O2-In	CO2-In	SO2-In
	%	%	ppm
06-20-2001 12:59:12	10.855	8.702	28.93

Operator: Bill Harris  
Plant Name: Lee County RRF  
Location: Unit 1 Inlet and Outlet  
Test Run 5 End

Final System Bias Check, Run 5 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-20-2001		13:08:11		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	0.007	0.054	-0.11	0.57	-0.03
Zero Avg	0.019	0.169	-1.66	0.79	-1.26
Zero Bias%	0.0%	0.6%	1.5%	0.0%	1.2%
Zero Drift%	0.1%	0.2%	-1.1%	0.0%	-0.5%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	11.006	54.80	234.30	31.26
Span Avg	11.088	10.907	53.27	217.91	29.35
Span Bias%	0.7%	0.5%	1.5%	3.3%	1.9%
Span Drift%	0.1%	0.2%	0.2%	-0.4%	0.1%
Ini Zero Avg	-0.014	0.136	-0.58	0.66	-0.79
Ini Span Avg	11.068	10.858	53.10	219.94	29.27
Run Avg	10.853	8.856	-3.02	107.22	13.01
Co	0.002	0.153	-1.12	0.73	-1.03
Cm	11.078	10.882	53.18	218.93	29.31
Correct Avg	11.021	8.890	-1.92	114.16	14.02

Final System Bias Check, Run 5 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-20-2001 13:08:11 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	0.015	0.051	-0.50
Zero Avg	0.063	0.083	3.68
Zero Bias%	0.2%	0.2%	0.8%
Zero Drift%	0.1%	0.0%	-0.4%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.266	11.008	228.26
Span Avg	11.110	10.572	208.09
Span Bias%	0.6%	2.2%	4.0%
Span Drift%	0.1%	-0.2%	-0.4%

Ini Zero Avg	0.034	0.086	5.83
Ini Span Avg	11.078	10.611	210.17
Run Avg	10.855	8.702	28.93
Co	0.048	0.085	4.75
Cm	11.094	10.591	209.13
Correct Avg	11.006	8.989	26.98
System Bias Check End			

Test Run 6 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-20-2001 13:13:04	11.092	8.719	-1.19	117.96	23.72
06-20-2001 13:14:05	11.385	8.363	-1.33	103.97	19.88
06-20-2001 13:15:04	11.448	8.355	-1.44	107.01	18.80
06-20-2001 13:16:05	11.409	8.412	-1.60	108.53	16.69
06-20-2001 13:17:05	11.482	8.321	-1.60	105.34	12.71
06-20-2001 13:18:04	11.095	8.643	-1.56	115.85	15.20
06-20-2001 13:19:05	11.181	8.595	-1.65	113.02	16.50
06-20-2001 13:20:05	11.069	8.577	-1.75	107.29	16.10
06-20-2001 13:21:04	10.949	8.849	-1.73	114.08	15.89
06-20-2001 13:22:04	10.223	9.345	-1.91	148.90	13.91
06-20-2001 13:23:05	10.375	8.987	-1.78	143.50	9.87
06-20-2001 13:24:04	10.832	8.924	-1.90	117.53	7.29
06-20-2001 13:25:05	10.694	8.816	-1.90	115.16	8.73
06-20-2001 13:26:04	11.294	8.381	-1.76	73.64	9.43
06-20-2001 13:27:04	11.468	8.421	-1.87	64.00	12.81
06-20-2001 13:28:05	11.299	8.433	-1.97	80.46	16.41
06-20-2001 13:29:04	11.262	8.549	-1.90	83.78	13.57
06-20-2001 13:30:05	11.137	8.633	-1.98	91.33	11.99
06-20-2001 13:31:04	11.091	8.608	-2.05	102.93	11.77
06-20-2001 13:32:05	11.493	8.350	-1.94	93.37	11.77
06-20-2001 13:33:05	11.056	8.770	-2.06	102.25	16.28
06-20-2001 13:34:04	10.833	8.877	-2.07	106.45	11.92
06-20-2001 13:35:05	10.829	8.898	-2.00	105.63	12.17
06-20-2001 13:36:04	10.646	9.036	-2.08	122.14	13.15
06-20-2001 13:37:05	10.495	9.164	-2.11	129.77	12.13
06-20-2001 13:38:05	10.321	9.199	-1.99	141.78	9.14
06-20-2001 13:39:04	10.700	8.968	-2.07	127.59	7.47
06-20-2001 13:40:05	10.539	9.112	-2.14	122.12	10.19
06-20-2001 13:41:04	10.100	9.538	-2.02	146.01	12.42
06-20-2001 13:42:05	10.116	9.355	-2.06	151.53	10.51
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-20-2001 13:42:05	10.930	8.773	-1.85	112.11	13.29

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Test Run 6 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-20-2001 13:13:04	10.692	8.805	20.10
06-20-2001 13:14:05	11.435	8.242	21.54
06-20-2001 13:15:04	11.313	8.281	20.98
06-20-2001 13:16:05	11.367	8.265	23.97
06-20-2001 13:17:05	11.448	8.221	27.72
06-20-2001 13:18:04	11.042	8.473	31.45
06-20-2001 13:19:05	11.171	8.457	31.93
06-20-2001 13:20:05	11.236	8.335	31.58
06-20-2001 13:21:04	10.655	8.883	30.06
06-20-2001 13:22:04	9.985	9.330	29.64
06-20-2001 13:23:05	10.722	8.618	30.69
06-20-2001 13:24:04	10.536	9.030	29.49
06-20-2001 13:25:05	10.707	8.675	33.81
06-20-2001 13:26:04	11.482	8.118	31.78
06-20-2001 13:27:04	11.461	8.245	31.37
06-20-2001 13:28:05	11.600	8.107	30.19
06-20-2001 13:29:04	11.305	8.356	29.31
06-20-2001 13:30:05	11.228	8.411	29.15
06-20-2001 13:31:04	11.140	8.458	30.32
06-20-2001 13:32:05	11.350	8.334	28.58
06-20-2001 13:33:05	10.575	8.929	28.08
06-20-2001 13:34:04	10.659	8.799	26.87
06-20-2001 13:35:05	10.718	8.835	25.74
06-20-2001 13:36:04	10.417	9.043	26.08
06-20-2001 13:37:05	10.246	9.176	25.37
06-20-2001 13:38:05	10.342	9.006	24.80
06-20-2001 13:39:04	10.595	8.946	23.52
06-20-2001 13:40:05	10.366	9.083	24.77
06-20-2001 13:41:04	9.875	9.514	26.73
06-20-2001 13:42:05	10.022	9.298	28.18
Run Averages	O2-In %	CO2-In %	SO2-In ppm
06-20-2001 13:42:05	10.857	8.676	27.79

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet  
 Test Run 6 End

Final System Bias Check, Run 6 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-20-2001		13:52:55		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	0.007	0.054	-0.11	0.57	-0.03
Zero Avg	0.011	0.173	-0.47	0.72	-2.09
Zero Bias%	0.0%	0.6%	0.4%	0.0%	2.1%
Zero Drift%	0.0%	0.0%	1.2%	0.0%	-0.8%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	11.006	54.80	234.30	31.26
Span Avg	11.072	10.895	52.04	215.18	28.82
Span Bias%	0.8%	0.6%	2.8%	3.8%	2.4%
Span Drift%	-0.1%	-0.1%	-1.2%	-0.5%	-0.5%
Ini Zero Avg	0.019	0.169	-1.66	0.79	-1.26
Ini Span Avg	11.088	10.907	53.27	217.91	29.35
Run Avg	10.930	8.773	-1.85	112.11	13.29
Co	0.015	0.171	-1.06	0.75	-1.68
Cm	11.080	10.901	52.65	216.55	29.08
Correct Avg	11.098	8.787	-0.80	120.70	14.74

Final System Bias Check, Run 6 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-20-2001 13:52:55 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	0.015	0.051	-0.50
Zero Avg	0.055	0.063	0.36
Zero Bias%	0.2%	0.1%	0.2%
Zero Drift%	0.0%	-0.1%	-0.7%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.266	11.008	228.26
Span Avg	11.096	10.548	204.63
Span Bias%	0.7%	2.3%	4.7%
Span Drift%	-0.1%	-0.1%	-0.7%

Ini Zero Avg	0.063	0.083	3.68
Ini Span Avg	11.110	10.572	208.09
Run Avg	10.857	8.676	27.79
Co	0.059	0.073	2.02
Cm	11.103	10.560	206.36
Correct Avg	10.999	8.990	28.77

System Bias Check End



Test Run 7 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-20-2001 13:56:50	10.430	9.116	-0.88	106.74	9.21
06-20-2001 13:57:51	10.186	9.311	-1.07	119.78	8.83
06-20-2001 13:58:50	9.904	9.530	-1.36	139.61	9.68
06-20-2001 13:59:51	10.204	9.220	-1.34	126.84	6.94
06-20-2001 14:00:50	10.684	8.816	-1.54	95.41	7.51
06-20-2001 14:01:50	10.507	9.063	-1.69	107.42	8.60
06-20-2001 14:02:51	11.030	8.574	-1.64	78.85	6.54
06-20-2001 14:03:50	10.462	9.382	-1.71	101.41	10.87
06-20-2001 14:04:51	9.853	9.594	-1.74	136.01	9.04
06-20-2001 14:05:50	10.666	8.848	-1.71	91.99	8.24
06-20-2001 14:06:50	11.039	8.825	-1.80	65.92	12.09
06-20-2001 14:07:51	10.135	9.486	-1.91	95.58	15.94
06-20-2001 14:08:50	10.227	9.373	-1.89	102.89	12.88
06-20-2001 14:09:51	10.303	9.289	-1.95	110.09	11.76
06-20-2001 14:10:50	10.569	9.043	-1.95	93.79	11.82
06-20-2001 14:11:51	10.760	8.821	-2.03	86.00	9.53
06-20-2001 14:12:51	11.569	8.280	-1.87	51.93	9.03
06-20-2001 14:13:50	10.918	8.976	-2.08	85.43	14.40
06-20-2001 14:14:51	10.436	9.236	-2.01	120.51	11.62
06-20-2001 14:15:50	10.158	9.396	-2.04	148.31	8.39
06-20-2001 14:16:51	9.830	9.736	-1.99	172.54	8.77
06-20-2001 14:17:51	10.446	8.971	-2.09	119.14	7.13
06-20-2001 14:18:50	10.848	8.863	-1.99	82.32	8.53
06-20-2001 14:19:51	10.934	8.729	-2.07	74.32	12.03
06-20-2001 14:20:50	11.227	8.522	-2.05	61.69	13.07
06-20-2001 14:21:51	11.253	8.597	-2.05	70.43	13.19
06-20-2001 14:22:51	10.423	9.212	-2.12	121.44	13.87
06-20-2001 14:23:50	10.564	8.989	-2.09	130.16	10.60
06-20-2001 14:24:51	10.968	8.789	-2.08	104.73	11.46
06-20-2001 14:25:50	10.103	9.455	-2.11	123.38	15.95
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-20-2001 14:25:50	10.555	9.068	-1.83	104.15	10.58

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Test Run 7 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-20-2001 13:56:50	10.230	9.111	23.68
06-20-2001 13:57:51	10.163	9.164	23.78
06-20-2001 13:58:50	9.827	9.399	24.10
06-20-2001 13:59:51	10.273	8.983	22.34
06-20-2001 14:00:50	10.915	8.543	20.96
06-20-2001 14:01:50	10.186	9.119	21.39
06-20-2001 14:02:51	11.110	8.455	21.85
06-20-2001 14:03:50	9.855	9.599	23.99
06-20-2001 14:04:51	9.920	9.332	26.79
06-20-2001 14:05:50	10.859	8.609	29.95
06-20-2001 14:06:50	10.903	8.758	32.08
06-20-2001 14:07:51	10.403	8.974	36.65
06-20-2001 14:08:50	10.615	8.906	37.88
06-20-2001 14:09:51	10.687	8.800	40.32
06-20-2001 14:10:50	10.930	8.652	43.32
06-20-2001 14:11:51	11.053	8.479	42.72
06-20-2001 14:12:51	11.769	8.067	40.51
06-20-2001 14:13:50	10.504	9.008	46.75
06-20-2001 14:14:51	10.273	9.168	45.65
06-20-2001 14:15:50	9.951	9.424	45.07
06-20-2001 14:16:51	9.590	9.704	48.29
06-20-2001 14:17:51	10.805	8.611	43.98
06-20-2001 14:18:50	10.898	8.652	44.67
06-20-2001 14:19:51	11.224	8.395	46.40
06-20-2001 14:20:50	11.455	8.226	43.65
06-20-2001 14:21:51	11.270	8.499	46.40
06-20-2001 14:22:51	9.917	9.424	48.34
06-20-2001 14:23:50	10.418	8.978	49.63
06-20-2001 14:24:51	10.732	8.836	50.68
06-20-2001 14:25:50	10.409	8.924	59.44
Run Averages	O2-In %	CO2-In %	SO2-In ppm
06-20-2001 14:25:51	10.572	8.893	37.70

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet  
 Test Run 7 End

Final System Bias Check, Run 7 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-20-2001		14:37:52		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	0.007	0.054	-0.11	0.57	-0.03
Zero Avg	0.004	0.179	-0.72	0.67	-2.36
Zero Bias%	0.0%	0.6%	0.6%	0.0%	2.3%
Zero Drift%	0.0%	0.0%	-0.2%	0.0%	-0.3%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	11.006	54.80	234.30	31.26
Span Avg	11.066	10.882	52.45	214.57	27.91
Span Bias%	0.8%	0.6%	2.4%	3.9%	3.4%
Span Drift%	0.0%	-0.1%	0.4%	-0.1%	-0.9%
Ini Zero Avg	0.011	0.173	-0.47	0.72	-2.09
Ini Span Avg	11.072	10.895	52.04	215.18	28.82
Run Avg	10.555	9.068	-1.83	104.15	10.58
Co	0.008	0.176	-0.59	0.69	-2.23
Cm	11.069	10.889	52.24	214.87	28.36
Correct Avg	10.727	9.097	-1.27	112.98	12.69

Final System Bias Check, Run 7 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-20-2001		14:37:52	PASSED
Analyte	O2-In	CO2-In	SO2-In	
Units	%	%	ppm	
Zero Ref Cyl	0.000	0.000	0.00	
Zero Cal	0.015	0.051	-0.50	
Zero Avg	0.047	0.050	-0.08	
Zero Bias%	0.1%	0.0%	0.1%	
Zero Drift%	0.0%	-0.1%	-0.1%	
Span Ref Cyl	11.250	10.960	228.10	
Span Cal	11.266	11.008	228.26	
Span Avg	11.079	10.512	203.78	
Span Bias%	0.7%	2.5%	4.9%	
Span Drift%	-0.1%	-0.2%	-0.2%	
Ini Zero Avg	0.055	0.063	0.36	
Ini Span Avg	11.096	10.548	204.63	
Run Avg	10.572	8.893	37.70	
Co	0.051	0.056	0.14	
Cm	11.087	10.530	204.20	
Correct Avg	10.724	9.247	41.98	
System Bias Check End				

Calibration Error Test, Run 8 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

	Reference Cylinder Numbers			
	Zero	Low-range	Mid-range	High-range
O2	XC016839B		XC012598B	CLM003675
CO2	XC016839B		XC012598B	CLM003675
SO2	XC012598B		XC016839B	ALM047968
NOx	XC012598B		CC85599	FF5397
CO	CC8539	XC017944B	CAL11516	CLM005559
O2-In	CC44990		XC012598B	CLM003675
CO2-In	CC44990		XC012598B	CLM003675
SO2-In	XC012598B		CC44990	AAL3762

Date/Time	06-21-2001		07:50:49		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Avg	0.028	0.080	-0.03	0.88	-0.15
Zero Error%	0.1%	0.4%	0.0%	0.2%	0.2%
Low Ref Cyl					30.31
Low Avg					30.68
Low Error%					0.4%
Mid Ref Cyl	11.250	10.960	54.60	233.90	61.95
Mid Avg	11.258	10.910	54.67	233.80	61.51
Mid Error%	0.0%	0.3%	0.1%	0.0%	0.4%
High Ref Cyl	20.100	17.010	91.17	439.00	90.82
High Avg	20.182	16.642	90.57	432.84	89.33
High Error%	0.3%	1.8%	0.6%	1.2%	1.5%

Calibration Error Test, Run 8 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

	Reference Cylinder Numbers			
	Zero	Low-range	Mid-range	High-range
O2	XC016839B		XC012598B	CLM003675
CO2	XC016839B		XC012598B	CLM003675
SO2	XC012598B		XC016839B	ALM047968
NOx	XC012598B		CC85599	FF5397
CO	CC8539	XC017944B	CAL11516	CLM005559
O2-In	CC44990		XC012598B	CLM003675
CO2-In	CC44990		XC012598B	CLM003675
SO2-In	XC012598B		CC44990	AAL3762

Date/Time 06-21-2001 07:50:49 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Avg	0.033	0.070	-0.79
Zero Error%	0.1%	0.3%	0.2%
Low Ref Cyl			
Low Avg			
Low Error%			
Mid Ref Cyl	11.250	10.960	228.10
Mid Avg	11.265	10.956	228.67
Mid Error%	0.1%	0.0%	0.1%
High Ref Cyl	20.100	17.010	444.30
High Avg	20.355	16.715	452.21
High Error%	1.0%	1.5%	1.6%

Calibration Error Test End

Initial System Bias Check, Run 8 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-21-2001		08:06:19		PASSED	
Analyte	O2	CO2	SO2	NOx	CO	
Units	%	%	ppm	ppm	ppm	
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00	
Zero Cal	0.028	0.080	-0.03	0.88	-0.15	
Zero Avg	0.022	0.089	0.26	0.51	0.05	
Zero Bias%	0.0%	0.0%	0.3%	0.1%	0.2%	
Zero Drift%						
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31	
Span Cal	11.258	10.910	54.67	233.80	30.68	
Span Avg	11.135	10.844	54.28	228.80	30.00	
Span Bias%	0.5%	0.3%	0.4%	1.0%	0.7%	
Span Drift%						

Initial System Bias Check, Run 8 STRATA Version 2.0

Operator: Bill Harris  
Plant Name: Lee County RRF  
Location: Unit 1 Inlet and Outlet

	Reference Cylinder Numbers	
	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-21-2001	08:06:19	PASSED
Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	0.033	0.070	-0.79
Zero Avg	0.067	0.094	2.50
Zero Bias%	0.1%	0.1%	0.7%
Zero Drift%			
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.265	10.956	228.67
Span Avg	11.041	10.790	208.74
Span Bias%	0.9%	0.8%	4.0%
Span Drift%			
System Bias Check End			



Test Run 8 STRATA Version 2.0

		O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages						
06-21-2001	08:57:54	10.825	8.840	-0.05	68.97	20.17
06-21-2001	08:58:54	10.975	8.798	-0.05	80.72	21.49
06-21-2001	08:59:54	10.029	9.804	-0.13	132.61	20.41
06-21-2001	09:00:54	9.555	9.873	-0.18	158.05	16.74
06-21-2001	09:01:55	10.341	9.059	-0.14	127.74	11.17
06-21-2001	09:02:54	10.586	9.029	-0.15	111.08	13.01
06-21-2001	09:03:54	10.529	8.974	-0.25	104.81	12.74
06-21-2001	09:04:54	10.419	9.260	-0.35	109.16	13.59
06-21-2001	09:05:54	10.126	9.277	-0.36	99.49	20.95
06-21-2001	09:06:55	10.673	8.930	-0.28	74.58	17.55
06-21-2001	09:07:54	10.645	8.989	-0.30	74.93	21.74
06-21-2001	09:08:54	10.415	9.309	-0.36	92.06	26.79
06-21-2001	09:09:54	10.098	9.435	-0.28	116.90	25.88
06-21-2001	09:10:54	10.087	9.387	-0.20	128.04	17.14
06-21-2001	09:11:55	10.341	9.190	-0.28	128.04	15.94
06-21-2001	09:12:54	10.041	9.721	-0.36	132.94	20.10
06-21-2001	09:13:54	9.318	10.297	-0.41	148.96	21.37
06-21-2001	09:14:54	9.321	10.074	-0.45	163.32	15.30
06-21-2001	09:15:54	9.801	9.681	-0.37	150.21	11.56
06-21-2001	09:16:55	9.854	9.653	-0.35	132.96	12.38
06-21-2001	09:17:54	10.245	9.181	-0.37	105.11	14.56
06-21-2001	09:18:54	10.821	8.835	-0.45	86.17	18.52
06-21-2001	09:19:54	10.410	9.361	-0.37	104.27	23.11
06-21-2001	09:20:54	9.567	10.025	-0.44	145.36	19.99
06-21-2001	09:21:53	9.697	9.782	-0.50	140.78	15.91
06-21-2001	09:22:54	10.095	9.367	-0.53	120.06	15.32
06-21-2001	09:23:54	10.692	8.910	-0.59	82.59	15.64
06-21-2001	09:24:54	11.032	8.753	-0.46	66.35	18.58
06-21-2001	09:25:54	10.592	9.149	-0.62	101.09	18.58
06-21-2001	09:26:53	10.461	9.159	-0.62	108.08	15.40
06-21-2001	09:27:54	10.191	9.476	-0.53	115.64	15.85
06-21-2001	09:28:54	10.170	9.422	-0.52	120.19	13.68
06-21-2001	09:29:54	10.043	9.693	-0.59	137.30	15.03
06-21-2001	09:30:54	9.669	9.888	-0.51	158.37	11.46
06-21-2001	09:31:54	10.049	9.456	-0.59	132.36	7.99
06-21-2001	09:32:54	10.454	9.139	-0.62	114.14	10.01
06-21-2001	09:33:55	10.749	8.867	-0.71	88.75	10.93
06-21-2001	09:34:54	10.681	9.049	-0.59	90.15	14.16
06-21-2001	09:35:54	10.542	9.097	-0.66	88.96	15.69
06-21-2001	09:36:54	10.225	9.652	-0.69	105.20	15.56
06-21-2001	09:37:54	9.537	10.043	-0.65	137.99	14.09
06-21-2001	09:38:55	9.814	9.714	-0.66	140.95	9.11
06-21-2001	09:39:54	9.799	9.690	-0.64	146.62	7.01
06-21-2001	09:40:54	10.104	9.298	-0.68	120.65	8.81
06-21-2001	09:41:54	10.510	8.966	-0.76	97.88	9.80
06-21-2001	09:42:54	10.861	8.809	-0.70	84.40	9.32
06-21-2001	09:43:55	10.621	8.959	-0.67	102.98	11.36
06-21-2001	09:44:54	10.620	9.010	-0.69	113.03	11.89
06-21-2001	09:45:54	10.146	9.460	-0.71	125.85	12.52
06-21-2001	09:46:54	9.773	9.791	-0.80	143.02	12.89
06-21-2001	09:47:54	9.979	9.513	0.04	131.07	11.30
06-21-2001	09:48:55	10.228	9.201	0.07	110.77	11.53

Test Run 8 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-21-2001 08:57:54	10.634	9.019	45.42
06-21-2001 08:58:54	10.650	9.141	42.73
06-21-2001 08:59:54	9.088	10.598	44.95
06-21-2001 09:00:54	9.127	10.317	46.81
06-21-2001 09:01:55	10.225	9.289	45.64
06-21-2001 09:02:54	10.103	9.477	46.76
06-21-2001 09:03:54	10.323	9.223	46.76
06-21-2001 09:04:54	9.854	9.767	46.34
06-21-2001 09:05:54	10.100	9.408	44.50
06-21-2001 09:06:55	10.559	9.093	39.89
06-21-2001 09:07:54	10.485	9.193	38.30
06-21-2001 09:08:54	9.992	9.736	37.70
06-21-2001 09:09:54	9.916	9.661	39.16
06-21-2001 09:10:54	10.079	9.491	37.77
06-21-2001 09:11:55	10.415	9.189	37.13
06-21-2001 09:12:54	9.959	9.790	35.90
06-21-2001 09:13:54	9.505	10.147	39.09
06-21-2001 09:14:54	9.643	9.859	39.09
06-21-2001 09:15:54	10.239	9.383	35.86
06-21-2001 09:16:55	10.232	9.362	34.48
06-21-2001 09:17:54	10.837	8.797	33.69
06-21-2001 09:18:54	11.333	8.506	31.17
06-21-2001 09:19:54	10.455	9.333	30.95
06-21-2001 09:20:54	9.828	9.762	35.31
06-21-2001 09:21:53	10.150	9.447	36.27
06-21-2001 09:22:54	10.657	9.008	36.13
06-21-2001 09:23:54	10.907	8.832	37.17
06-21-2001 09:24:54	10.972	8.835	37.58
06-21-2001 09:25:54	10.470	9.269	39.74
06-21-2001 09:26:53	10.531	9.178	39.95
06-21-2001 09:27:54	10.312	9.359	42.62
06-21-2001 09:28:54	10.488	9.228	43.60
06-21-2001 09:29:54	10.105	9.645	47.12
06-21-2001 09:30:54	9.987	9.632	46.09
06-21-2001 09:31:54	10.410	9.252	44.09
06-21-2001 09:32:54	10.673	9.006	42.90
06-21-2001 09:33:55	11.189	8.609	41.25
06-21-2001 09:34:54	10.861	8.938	41.02
06-21-2001 09:35:54	10.749	8.960	40.71
06-21-2001 09:36:54	9.820	10.014	40.73
06-21-2001 09:37:54	9.426	10.170	43.50
06-21-2001 09:38:55	9.716	9.880	40.26
06-21-2001 09:39:54	9.687	9.848	40.77
06-21-2001 09:40:54	10.228	9.300	40.78
06-21-2001 09:41:54	10.535	9.005	38.95
06-21-2001 09:42:54	10.689	8.967	39.74
06-21-2001 09:43:55	10.434	9.155	43.33
06-21-2001 09:44:54	10.463	9.232	49.33
06-21-2001 09:45:54	9.827	9.737	66.44
06-21-2001 09:46:54	9.660	9.889	82.75
06-21-2001 09:47:54	10.043	9.532	101.10
06-21-2001 09:48:55	10.384	9.162	117.14

Test Run 8 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-21-2001 09:49:54	10.459	9.079	0.05	99.41	17.62
06-21-2001 09:50:54	10.343	9.272	0.10	101.68	17.47
06-21-2001 09:51:54	10.243	9.280	0.08	109.02	14.35
06-21-2001 09:52:55	10.622	8.837	0.18	100.30	10.52
06-21-2001 09:53:54	11.003	8.718	0.18	91.87	11.81
06-21-2001 09:54:54	10.987	8.662	0.28	91.90	12.44
06-21-2001 09:55:54	11.239	8.549	0.33	88.01	15.65
06-21-2001 09:56:54	10.915	8.833	0.21	99.44	20.30
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-21-2001 09:56:54	10.303	9.292	-0.36	113.06	15.19

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Test Run 8 STRATA Version 2.0

	O2-In	CO2-In	SO2-In
	%	%	ppm
06-21-2001 09:49:54	10.536	9.047	131.72
06-21-2001 09:50:54	10.447	9.127	125.85
06-21-2001 09:51:54	10.792	8.903	120.72
06-21-2001 09:52:55	11.092	8.577	119.83
06-21-2001 09:53:54	11.087	8.667	113.79
06-21-2001 09:54:54	11.192	8.543	113.79
06-21-2001 09:55:54	11.384	8.496	109.36
06-21-2001 09:56:54	11.023	8.722	117.60
Run Averages	O2-In	CO2-In	SO2-In
	%	%	ppm
06-21-2001 09:56:54	10.342	9.311	54.48

Operator: Bill Harris  
Plant Name: Lee County RRF  
Location: Unit 1 Inlet and Outlet  
Test Run 8 End

Final System Bias Check, Run 8 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-21-2001		10:07:01		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	0.028	0.080	-0.03	0.88	-0.15
Zero Avg	0.002	0.137	1.34	0.66	-2.07
Zero Bias%	0.1%	0.3%	1.4%	0.0%	1.9%
Zero Drift%	-0.1%	0.2%	1.1%	0.0%	-2.1%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.258	10.910	54.67	233.80	30.68
Span Avg	11.098	10.851	51.51	221.45	28.48
Span Bias%	0.6%	0.3%	3.2%	2.5%	2.2%
Span Drift%	-0.1%	0.0%	-2.8%	-1.5%	-1.5%
Ini Zero Avg	0.022	0.089	0.26	0.51	0.05
Ini Span Avg	11.135	10.844	54.28	228.80	30.00
Run Avg	10.303	9.292	-0.36	113.06	15.19
Co	0.012	0.113	0.80	0.59	-1.01
Cm	11.116	10.848	52.89	225.12	29.24
Correct Avg	10.426	9.372	-1.22	117.16	16.23

Final System Bias Check, Run 8 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-21-2001 10:07:02 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	0.033	0.070	-0.79
Zero Avg	0.053	0.133	3.40
Zero Bias%	0.1%	0.3%	0.8%
Zero Drift%	-0.1%	0.2%	0.2%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.265	10.956	228.67
Span Avg	11.096	10.809	210.72
Span Bias%	0.7%	0.7%	3.6%
Span Drift%	0.2%	0.1%	0.4%

Ini Zero Avg	0.067	0.094	2.50
Ini Span Avg	11.041	10.790	208.74
Run Avg	10.342	9.311	54.48
Co	0.060	0.113	2.95
Cm	11.069	10.799	209.73
Correct Avg	10.508	9.434	56.84

System Bias Check End

Test Run 9 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-21-2001 10:11:40	10.562	8.877	0.62	107.46	15.85
06-21-2001 10:12:41	10.968	8.702	0.41	95.45	15.03
06-21-2001 10:13:40	10.605	8.966	0.37	123.53	18.02
06-21-2001 10:14:41	10.271	9.236	0.13	131.67	17.72
06-21-2001 10:15:40	10.120	9.394	0.15	127.29	14.58
06-21-2001 10:16:41	9.954	9.500	0.12	132.56	11.57
06-21-2001 10:17:41	9.736	9.669	0.09	144.84	12.56
06-21-2001 10:18:40	10.268	9.111	0.02	109.33	10.81
06-21-2001 10:19:41	10.360	9.068	-0.07	95.94	15.60
06-21-2001 10:20:40	10.679	8.826	-0.15	83.42	14.22
06-21-2001 10:21:41	10.806	8.831	-0.10	84.30	16.02
06-21-2001 10:22:41	10.409	9.127	-0.21	108.49	17.18
06-21-2001 10:23:40	10.269	9.305	-0.21	112.45	17.54
06-21-2001 10:24:41	10.093	9.456	-0.19	111.60	18.11
06-21-2001 10:25:40	9.794	9.534	-0.21	131.74	13.20
06-21-2001 10:26:41	10.159	9.198	-0.21	119.43	11.19
06-21-2001 10:27:41	10.692	8.807	-0.28	97.53	12.97
06-21-2001 10:28:40	10.793	8.860	-0.43	86.92	16.07
06-21-2001 10:29:41	10.476	9.066	-0.37	102.71	16.18
06-21-2001 10:30:40	10.529	8.960	-0.37	104.32	13.29
06-21-2001 10:31:41	10.658	8.895	-0.40	100.34	12.23
06-21-2001 10:32:41	10.956	8.648	-0.35	77.93	17.31
06-21-2001 10:33:40	10.686	9.022	-0.40	89.19	19.27
06-21-2001 10:34:41	10.155	9.387	-0.43	120.21	15.63
06-21-2001 10:35:40	9.710	9.776	-0.34	141.40	16.58
06-21-2001 10:36:41	9.887	9.496	-0.45	132.23	13.40
06-21-2001 10:37:41	10.180	9.294	-0.51	123.52	11.01
06-21-2001 10:38:40	9.922	9.490	-0.45	127.04	15.01
06-21-2001 10:39:41	9.965	9.463	-0.50	113.78	14.64
06-21-2001 10:40:40	10.039	9.319	-0.54	103.56	16.65
06-21-2001 10:41:41	9.911	9.725	-0.56	115.20	14.20
06-21-2001 10:42:40	9.362	10.019	-0.65	149.88	12.00
06-21-2001 10:43:40	9.263	10.126	-0.51	166.81	8.95
06-21-2001 10:44:41	9.285	9.998	-0.59	167.52	8.38
06-21-2001 10:45:40	9.655	9.570	-0.62	146.25	9.05
06-21-2001 10:46:41	10.281	9.023	-0.60	108.25	10.23
06-21-2001 10:47:40	10.900	8.518	-0.71	73.21	11.28
06-21-2001 10:48:41	11.231	8.453	-0.61	56.47	14.60
06-21-2001 10:49:41	10.641	8.918	-0.69	89.80	15.48
06-21-2001 10:50:40	10.399	9.029	-0.71	112.10	14.62
06-21-2001 10:51:41	10.679	8.710	-0.76	92.78	12.07
06-21-2001 10:52:40	10.785	8.710	-0.72	85.99	11.86
06-21-2001 10:53:41	11.100	8.470	-0.79	81.75	12.91
06-21-2001 10:54:41	10.661	8.885	-0.78	101.34	14.87
06-21-2001 10:55:40	10.075	9.243	-0.70	120.31	13.47
06-21-2001 10:56:41	9.827	9.521	-0.77	124.56	13.69
06-21-2001 10:57:40	9.968	9.258	-0.72	122.48	10.20
06-21-2001 10:58:41	10.484	8.889	-0.83	101.58	11.97
06-21-2001 10:59:41	10.693	8.713	-0.82	87.61	12.94
06-21-2001 11:00:40	10.802	8.652	-0.90	85.37	13.78
06-21-2001 11:01:41	10.914	8.642	-0.92	85.18	15.83
06-21-2001 11:02:40	10.848	8.763	-0.92	80.89	16.84

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-21-2001 10:11:40	10.605	8.859	54.28
06-21-2001 10:12:41	10.711	8.907	50.36
06-21-2001 10:13:40	10.386	9.116	47.73
06-21-2001 10:14:41	10.069	9.390	46.98
06-21-2001 10:15:40	10.069	9.434	44.87
06-21-2001 10:16:41	9.976	9.523	45.38
06-21-2001 10:17:41	9.581	9.840	44.84
06-21-2001 10:18:40	10.137	9.316	42.84
06-21-2001 10:19:41	10.046	9.377	42.09
06-21-2001 10:20:40	10.550	8.942	42.98
06-21-2001 10:21:41	10.498	9.038	40.94
06-21-2001 10:22:41	10.252	9.242	38.23
06-21-2001 10:23:40	9.869	9.669	37.16
06-21-2001 10:24:41	9.865	9.700	37.69
06-21-2001 10:25:40	9.782	9.582	41.46
06-21-2001 10:26:41	10.187	9.234	44.27
06-21-2001 10:27:41	10.800	8.751	43.12
06-21-2001 10:28:40	10.617	9.067	40.70
06-21-2001 10:29:41	10.041	9.504	41.18
06-21-2001 10:30:40	10.195	9.297	41.15
06-21-2001 10:31:41	10.260	9.211	38.54
06-21-2001 10:32:41	10.843	8.757	35.30
06-21-2001 10:33:40	10.083	9.542	33.59
06-21-2001 10:34:41	9.737	9.791	35.04
06-21-2001 10:35:40	9.397	10.073	35.70
06-21-2001 10:36:41	9.664	9.764	35.22
06-21-2001 10:37:41	9.839	9.658	33.52
06-21-2001 10:38:40	9.680	9.718	34.40
06-21-2001 10:39:41	9.920	9.522	32.46
06-21-2001 10:40:40	10.119	9.338	32.10
06-21-2001 10:41:41	9.526	10.049	32.77
06-21-2001 10:42:40	9.361	10.046	33.66
06-21-2001 10:43:40	9.177	10.241	33.54
06-21-2001 10:44:41	9.283	10.051	35.61
06-21-2001 10:45:40	9.664	9.646	35.37
06-21-2001 10:46:41	10.216	9.145	34.66
06-21-2001 10:47:40	11.080	8.474	35.63
06-21-2001 10:48:41	11.029	8.601	34.12
06-21-2001 10:49:41	10.296	9.183	36.37
06-21-2001 10:50:40	10.030	9.366	35.00
06-21-2001 10:51:41	10.862	8.608	31.00
06-21-2001 10:52:40	10.602	8.836	28.53
06-21-2001 10:53:41	10.897	8.679	28.03
06-21-2001 10:54:41	10.173	9.206	26.45
06-21-2001 10:55:40	9.927	9.448	28.59
06-21-2001 10:56:41	9.650	9.684	30.74
06-21-2001 10:57:40	9.969	9.329	30.56
06-21-2001 10:58:41	10.641	8.804	28.38
06-21-2001 10:59:41	10.837	8.633	30.15
06-21-2001 11:00:40	10.811	8.689	26.00
06-21-2001 11:01:41	10.858	8.670	24.47
06-21-2001 11:02:40	10.637	8.935	22.20



Test Run 9 STRATA Version 2.0

	O2	CO2	SO2	NOx	CO
	%	%	ppm	ppm	ppm
06-21-2001 11:03:41	10.187	9.197	-0.89	108.45	12.36
06-21-2001 11:04:40	10.222	9.166	-0.91	131.51	10.08
06-21-2001 11:05:41	10.190	9.193	-0.87	151.71	8.34
06-21-2001 11:06:40	9.995	9.442	-0.86	153.70	7.11
06-21-2001 11:07:41	9.701	9.663	-0.90	157.96	8.59
06-21-2001 11:08:41	9.786	9.635	-0.95	146.23	10.63
06-21-2001 11:09:40	9.353	10.045	-0.92	148.25	11.21
06-21-2001 11:10:41	9.412	9.882	-0.93	147.99	7.44
Run Averages	O2	CO2	SO2	NOx	CO
	%	%	ppm	ppm	ppm
06-21-2001 11:10:41	10.272	9.189	-0.47	114.02	13.41

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Test Run 9 STRATA Version 2.0

	O2-In	CO2-In	SO2-In
	%	%	ppm
06-21-2001 11:03:41	10.052	9.308	22.88
06-21-2001 11:04:40	9.939	9.445	21.77
06-21-2001 11:05:41	10.082	9.349	21.05
06-21-2001 11:06:40	9.773	9.686	22.06
06-21-2001 11:07:41	9.487	9.904	23.73
06-21-2001 11:08:41	9.444	9.951	25.29
06-21-2001 11:09:40	8.920	10.412	27.33
06-21-2001 11:10:41	9.280	10.048	27.92
Run Averages	O2-In	CO2-In	SO2-In
	%	%	ppm
06-21-2001 11:10:41	10.105	9.360	34.80

Operator: Bill Harris  
Plant Name: Lee County RRF  
Location: Unit 1 Inlet and Outlet  
Test Run 9 End

Final System Bias Check, Run 9 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-21-2001		11:21:12		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	0.028	0.080	-0.03	0.88	-0.15
Zero Avg	-0.018	0.118	0.26	0.59	-2.37
Zero Bias%	0.2%	0.2%	0.3%	0.1%	2.2%
Zero Drift%	-0.1%	-0.1%	-1.1%	0.0%	-0.3%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.258	10.910	54.67	233.80	30.68
Span Avg	11.081	10.827	52.18	216.20	27.14
Span Bias%	0.7%	0.4%	2.5%	3.5%	3.5%
Span Drift%	-0.1%	-0.1%	0.7%	-1.0%	-1.3%
Ini Zero Avg	0.002	0.137	1.34	0.66	-2.07
Ini Span Avg	11.098	10.851	51.51	221.45	28.48
Run Avg	10.272	9.189	-0.47	114.02	13.41
Co	-0.008	0.128	0.80	0.62	-2.22
Cm	11.090	10.839	51.84	218.83	27.81
Correct Avg	10.421	9.271	-1.36	121.55	15.77

Final System Bias Check, Run 9 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-21-2001			11:21:12	PASSED
Analyte	O2-In	CO2-In	SO2-In		
Units	%	%	ppm		
Zero Ref Cyl	0.000	0.000	0.00		
Zero Cal	0.033	0.070	-0.79		
Zero Avg	0.030	0.082	3.61		
Zero Bias%	0.0%	0.1%	0.9%		
Zero Drift%	-0.1%	-0.3%	0.0%		
Span Ref Cyl	11.250	10.960	228.10		
Span Cal	11.265	10.956	228.67		
Span Avg	11.058	10.715	206.01		
Span Bias%	0.8%	1.2%	4.5%		
Span Drift%	-0.2%	-0.5%	-0.9%		
Ini Zero Avg	0.053	0.133	3.40		
Ini Span Avg	11.096	10.809	210.72		
Run Avg	10.105	9.360	34.80		
Co	0.041	0.107	3.50		
Cm	11.077	10.762	208.37		
Correct Avg	10.259	9.518	34.85		
System Bias Check End					

Test Run 10 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-21-2001 11:27:04	10.179	9.394	-0.54	128.90	14.34
06-21-2001 11:28:04	10.307	9.191	-0.62	123.49	14.09
06-21-2001 11:29:03	10.115	9.498	-0.81	134.90	14.26
06-21-2001 11:30:04	9.870	9.712	-0.82	143.83	14.65
06-21-2001 11:31:03	10.031	9.469	-0.85	138.69	13.79
06-21-2001 11:32:04	10.019	9.461	-0.93	134.65	13.88
06-21-2001 11:33:04	10.538	9.066	-0.93	106.73	11.55
06-21-2001 11:34:03	10.060	9.658	-1.07	113.47	14.89
06-21-2001 11:35:04	9.868	9.567	-1.02	122.60	13.41
06-21-2001 11:36:03	10.492	9.063	-1.01	104.98	10.93
06-21-2001 11:37:04	10.372	9.417	-1.04	109.56	14.09
06-21-2001 11:38:04	9.355	10.095	-1.09	139.51	18.63
06-21-2001 11:39:03	10.106	9.400	-1.15	123.69	11.41
06-21-2001 11:40:04	10.455	9.027	-1.13	115.58	8.58
06-21-2001 11:41:03	10.955	8.772	-1.19	87.54	7.12
06-21-2001 11:42:04	10.781	8.798	-1.18	87.95	9.92
06-21-2001 11:43:04	10.708	9.053	-1.35	92.25	12.53
06-21-2001 11:44:03	10.260	9.356	-1.23	111.87	13.48
06-21-2001 11:45:04	10.316	9.184	-1.29	119.88	8.66
06-21-2001 11:46:03	10.756	8.856	-1.33	98.49	8.58
06-21-2001 11:47:04	10.504	9.230	-1.31	110.37	13.03
06-21-2001 11:48:04	10.384	9.154	-1.26	112.41	10.87
06-21-2001 11:49:04	10.659	8.930	-1.38	100.45	11.88
06-21-2001 11:50:04	10.884	8.930	-1.36	85.14	16.13
06-21-2001 11:51:03	10.310	9.314	-1.43	94.45	20.34
06-21-2001 11:52:04	10.302	9.358	-1.32	95.80	16.28
06-21-2001 11:53:04	10.433	9.100	-1.32	100.35	14.48
06-21-2001 11:54:04	10.846	8.857	-1.45	84.30	15.14
06-21-2001 11:55:04	10.835	8.869	-1.37	75.27	17.89
06-21-2001 11:56:03	10.843	8.999	-1.42	85.09	18.99
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-21-2001 11:56:03	10.384	9.226	-1.14	109.43	13.46

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Test Run 10 STRATA Version 2.0

	O2-In	CO2-In	SO2-In
	%	%	ppm
Begin calculating run averages			
06-21-2001 11:27:04	9.908	9.609	28.16
06-21-2001 11:28:04	10.159	9.408	27.74
06-21-2001 11:29:03	9.795	9.773	28.03
06-21-2001 11:30:04	9.443	10.067	28.94
06-21-2001 11:31:03	9.618	9.921	30.78
06-21-2001 11:32:04	9.499	9.900	31.88
06-21-2001 11:33:04	10.198	9.385	29.33
06-21-2001 11:34:03	9.502	10.051	29.61
06-21-2001 11:35:04	9.902	9.576	30.41
06-21-2001 11:36:03	10.519	9.075	29.75
06-21-2001 11:37:04	9.982	9.715	30.40
06-21-2001 11:38:04	9.406	9.966	38.35
06-21-2001 11:39:03	9.951	9.596	31.22
06-21-2001 11:40:04	10.460	9.022	31.32
06-21-2001 11:41:03	10.750	8.945	27.69
06-21-2001 11:42:04	10.653	8.895	30.39
06-21-2001 11:43:04	10.300	9.379	31.09
06-21-2001 11:44:03	10.081	9.488	30.46
06-21-2001 11:45:04	10.303	9.250	31.35
06-21-2001 11:46:03	10.763	8.886	31.28
06-21-2001 11:47:04	10.091	9.546	33.89
06-21-2001 11:48:04	10.253	9.324	35.26
06-21-2001 11:49:04	10.608	9.009	34.51
06-21-2001 11:50:04	10.540	9.227	31.91
06-21-2001 11:51:03	10.223	9.374	31.18
06-21-2001 11:52:04	10.108	9.582	30.36
06-21-2001 11:53:04	10.385	9.195	30.05
06-21-2001 11:54:04	10.664	8.987	26.74
06-21-2001 11:55:04	10.585	9.047	24.52
06-21-2001 11:56:03	10.451	9.311	23.43
Run Averages	O2-In	CO2-In	SO2-In
	%	%	ppm
06-21-2001 11:56:04	10.169	9.417	30.34

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet  
 Test Run 10 End

Final System Bias Check, Run 10 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-21-2001		12:08:39		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	0.028	0.080	-0.03	0.88	-0.15
Zero Avg	0.010	0.136	0.17	0.61	-2.36
Zero Bias%	0.1%	0.3%	0.2%	0.1%	2.2%
Zero Drift%	0.1%	0.1%	-0.1%	0.0%	0.0%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.258	10.910	54.67	233.80	30.68
Span Avg	11.094	10.828	53.61	213.56	26.01
Span Bias%	0.7%	0.4%	1.1%	4.0%	4.7%
Span Drift%	0.0%	0.0%	1.4%	-0.5%	-1.1%
Ini Zero Avg	-0.018	0.118	0.26	0.59	-2.37
Ini Span Avg	11.081	10.827	52.18	216.20	27.14
Run Avg	10.384	9.226	-1.14	109.43	13.46
Co	-0.004	0.127	0.21	0.60	-2.37
Cm	11.088	10.828	52.90	214.88	26.57
Correct Avg	10.537	9.320	-1.40	118.80	16.58

Final System Bias Check, Run 10 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 1 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-21-2001 12:08:39 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	0.033	0.070	-0.79
Zero Avg	0.102	0.070	3.04
Zero Bias%	0.3%	0.0%	0.8%
Zero Drift%	0.3%	-0.1%	-0.1%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.265	10.956	228.67
Span Avg	11.118	10.635	206.76
Span Bias%	0.6%	1.6%	4.4%
Span Drift%	0.2%	-0.4%	0.1%

Ini Zero Avg	0.030	0.082	3.61
Ini Span Avg	11.058	10.715	206.01
Run Avg	10.169	9.417	30.34
Co	0.066	0.076	3.32
Cm	11.088	10.675	206.38
Correct Avg	10.312	9.659	30.35
System Bias Check End			



Calibration Error Test, Run 1 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

	Reference Cylinder Numbers			
	Zero	Low-range	Mid-range	High-range
O2	XC016839B		XC012598B	CLM003675
CO2	XC016839B		XC012598B	CLM003675
SO2	XC012598B		XC016839B	ALM047968
NOx	XC012598B		CC85599	FF5397
CO	CC8539	XC017944B	CAL11516	CLM005559
O2-In	CC44990		XC012598B	CLM003675
CO2-In	CC44990		XC012598B	CLM003675
SO2-In	XC012598B		CC44990	AAL3762

Date/Time	06-19-2001		07:56:30		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Avg	-0.018	0.044	-0.10	0.53	-0.12
Zero Error%	0.1%	0.2%	0.1%	0.1%	0.1%
Low Ref Cyl					30.31
Low Avg					31.28
Low Error%					1.0%
Mid Ref Cyl	11.250	10.960	54.60	233.90	61.95
Mid Avg	11.262	10.925	54.74	233.97	62.11
Mid Error%	0.0%	0.2%	0.1%	0.0%	0.2%
High Ref Cyl	20.100	17.010	91.17	439.00	90.82
High Avg	20.524	16.665	90.76	436.79	90.68
High Error%	1.7%	1.7%	0.4%	0.4%	0.1%

Calibration Error Test, Run 1 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

	Reference Cylinder Numbers			
	Zero	Low-range	Mid-range	High-range
O2	XC016839B		XC012598B	CLM003675
CO2	XC016839B		XC012598B	CLM003675
SO2	XC012598B		XC016839B	ALM047968
NOx	XC012598B		CC85599	FF5397
CO	CC8539	XC017944B	CAL11516	CLM005559
O2-In	CC44990		XC012598B	CLM003675
CO2-In	CC44990		XC012598B	CLM003675
SO2-In	XC012598B		CC44990	AAL3762

Date/Time 06-19-2001 07:56:30 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Avg	-0.005	0.064	-0.64
Zero Error%	0.0%	0.3%	0.1%
Low Ref Cyl			
Low Avg			
Low Error%			
Mid Ref Cyl	11.250	10.960	228.10
Mid Avg	11.250	10.970	228.25
Mid Error%	0.0%	0.0%	0.0%
High Ref Cyl	20.100	17.010	444.30
High Avg	20.349	16.662	449.25
High Error%	1.0%	1.7%	1.0%

Calibration Error Test End

Initial System Bias Check, Run 1 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		08:12:54		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	-0.018	0.044	-0.10	0.53	-0.12
Zero Avg	-0.037	0.053	1.71	0.42	-0.06
Zero Bias%	0.1%	0.0%	1.8%	0.0%	0.1%
Zero Drift%					
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	10.925	54.74	233.97	31.28
Span Avg	11.363	10.824	52.61	226.75	30.69
Span Bias%	0.4%	0.5%	2.1%	1.4%	0.6%
Span Drift%					

Initial System Bias Check, Run 1 STRATA Version 2.0

Operator: Bill Harris  
Plant Name: Lee County RRF  
Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		08:12:55	PASSED
Analyte	O2-In	CO2-In	SO2-In	
Units	%	%	ppm	
Zero Ref Cyl	0.000	0.000	0.00	
Zero Cal	-0.005	0.064	-0.64	
Zero Avg	0.050	0.089	3.11	
Zero Bias%	0.2%	0.1%	0.7%	
Zero Drift%				
Span Ref Cyl	11.250	10.960	228.10	
Span Cal	11.250	10.970	228.25	
Span Avg	11.037	10.770	205.83	
Span Bias%	0.8%	1.0%	4.5%	
Span Drift%				

System Bias Check End

Test Run 1 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-19-2001 08:58:06	11.057	8.831	-0.15	123.34	16.43
06-19-2001 08:59:07	11.034	8.865	-0.18	110.67	12.10
06-19-2001 09:00:06	10.719	9.037	-0.09	116.38	11.95
06-19-2001 09:01:07	10.931	8.881	-0.11	109.99	12.72
06-19-2001 09:02:06	11.040	8.863	-0.19	101.69	13.77
06-19-2001 09:03:07	10.643	9.180	-0.17	103.78	15.69
06-19-2001 09:04:07	10.563	9.140	-0.23	105.10	13.72
06-19-2001 09:05:07	10.834	9.041	-0.18	97.87	13.37
06-19-2001 09:06:06	10.725	9.002	-0.19	105.74	12.40
06-19-2001 09:07:06	10.682	9.070	-0.17	108.53	10.54
06-19-2001 09:08:07	11.023	8.737	-0.24	100.90	9.74
06-19-2001 09:09:06	10.827	9.168	-0.22	110.95	13.68
06-19-2001 09:10:07	10.296	9.495	-0.21	129.02	15.08
06-19-2001 09:11:06	10.086	9.595	-0.26	135.88	11.66
06-19-2001 09:12:07	10.047	9.564	-0.23	137.24	10.27
06-19-2001 09:13:07	10.396	9.164	-0.24	123.07	8.54
06-19-2001 09:14:06	10.873	8.890	-0.26	100.38	9.16
06-19-2001 09:15:07	10.921	8.806	-0.33	94.46	10.24
06-19-2001 09:16:06	10.901	8.900	-0.36	87.43	12.84
06-19-2001 09:17:07	10.855	8.978	-0.36	83.76	14.78
06-19-2001 09:18:07	10.703	9.036	-0.38	105.47	11.55
06-19-2001 09:19:06	10.589	9.045	-0.37	123.43	12.38
06-19-2001 09:20:07	10.848	8.858	-0.38	114.32	10.71
06-19-2001 09:21:06	10.834	8.977	-0.37	108.66	11.37
06-19-2001 09:22:07	10.625	9.010	-0.30	110.74	12.30
06-19-2001 09:23:07	10.601	9.130	-0.44	117.21	13.26
06-19-2001 09:24:06	10.255	9.345	-0.34	128.04	13.26
06-19-2001 09:25:07	11.153	8.520	-0.44	93.53	10.34
06-19-2001 09:26:06	11.519	8.525	-0.43	80.77	14.28
06-19-2001 09:27:07	11.223	8.683	-0.44	84.49	15.76
06-19-2001 09:28:07	10.776	9.028	-0.37	100.07	15.00
06-19-2001 09:29:06	11.056	8.658	-0.48	101.20	11.14
06-19-2001 09:30:07	10.971	8.974	-0.57	114.74	12.20
06-19-2001 09:31:06	10.671	8.937	-0.53	121.69	11.66
06-19-2001 09:32:07	10.836	8.824	-0.47	118.83	10.18
06-19-2001 09:33:07	11.075	8.815	-0.54	107.77	12.28
06-19-2001 09:34:07	10.821	8.938	-0.47	114.85	11.63
06-19-2001 09:35:07	10.594	9.063	-0.57	125.18	11.26
06-19-2001 09:36:06	10.800	8.873	-0.57	117.71	10.61
06-19-2001 09:37:07	10.825	8.832	-0.64	117.43	10.18
06-19-2001 09:38:06	11.327	8.540	-0.52	89.88	9.37
06-19-2001 09:39:07	11.059	8.810	-0.62	106.24	12.13
06-19-2001 09:40:07	10.768	8.959	-0.59	111.58	10.03
06-19-2001 09:41:06	10.865	8.948	-0.66	104.99	9.66
06-19-2001 09:42:07	10.803	8.908	-0.65	109.28	9.72
06-19-2001 09:43:06	10.838	8.816	-0.66	105.48	8.74
06-19-2001 09:44:07	10.848	8.876	-0.68	105.11	8.86
06-19-2001 09:45:07	10.741	8.956	-0.74	103.95	8.72
06-19-2001 09:46:06	10.145	9.408	-0.66	135.43	11.22
06-19-2001 09:47:07	10.040	9.389	-0.73	147.66	6.99
06-19-2001 09:48:06	10.199	9.167	-0.66	148.11	4.36
06-19-2001 09:49:07	10.508	8.881	-0.69	127.10	4.59

Test Run 1 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-19-2001 08:58:06	10.013	9.402	41.42
06-19-2001 08:59:07	10.119	9.296	42.67
06-19-2001 09:00:06	9.794	9.614	45.18
06-19-2001 09:01:07	9.959	9.472	43.98
06-19-2001 09:02:06	10.141	9.300	41.31
06-19-2001 09:03:07	9.511	9.931	41.76
06-19-2001 09:04:07	9.452	9.929	42.94
06-19-2001 09:05:07	9.863	9.648	40.42
06-19-2001 09:06:06	9.644	9.689	39.50
06-19-2001 09:07:06	9.576	9.839	37.59
06-19-2001 09:08:07	9.889	9.435	37.37
06-19-2001 09:09:06	9.750	9.778	34.65
06-19-2001 09:10:07	9.198	10.205	37.06
06-19-2001 09:11:06	8.843	10.511	37.96
06-19-2001 09:12:07	8.911	10.378	38.53
06-19-2001 09:13:07	9.354	9.883	38.19
06-19-2001 09:14:06	9.897	9.461	36.96
06-19-2001 09:15:07	9.828	9.429	37.47
06-19-2001 09:16:06	9.865	9.522	36.61
06-19-2001 09:17:07	9.922	9.502	35.96
06-19-2001 09:18:07	9.658	9.695	35.69
06-19-2001 09:19:06	9.568	9.733	34.25
06-19-2001 09:20:07	9.866	9.387	34.33
06-19-2001 09:21:06	10.083	9.314	33.27
06-19-2001 09:22:07	9.831	9.418	35.45
06-19-2001 09:23:07	9.722	9.599	36.15
06-19-2001 09:24:06	9.347	9.984	38.12
06-19-2001 09:25:07	10.370	8.904	35.39
06-19-2001 09:26:06	10.635	8.918	29.80
06-19-2001 09:27:07	10.279	9.100	29.21
06-19-2001 09:28:07	9.771	9.660	30.70
06-19-2001 09:29:06	10.183	9.118	30.57
06-19-2001 09:30:07	10.052	9.467	28.78
06-19-2001 09:31:06	9.682	9.498	30.35
06-19-2001 09:32:07	9.906	9.371	29.78
06-19-2001 09:33:07	10.263	9.197	29.75
06-19-2001 09:34:07	9.935	9.392	32.52
06-19-2001 09:35:07	9.652	9.636	33.44
06-19-2001 09:36:06	10.008	9.246	36.52
06-19-2001 09:37:07	10.002	9.266	34.35
06-19-2001 09:38:06	10.645	8.780	33.96
06-19-2001 09:39:07	10.216	9.181	34.39
06-19-2001 09:40:07	9.983	9.404	35.76
06-19-2001 09:41:06	10.248	9.229	36.60
06-19-2001 09:42:07	10.027	9.363	36.62
06-19-2001 09:43:06	10.207	9.090	36.89
06-19-2001 09:44:07	10.215	9.147	39.16
06-19-2001 09:45:07	10.151	9.198	41.53
06-19-2001 09:46:06	9.103	10.088	45.02
06-19-2001 09:47:07	9.456	9.684	43.89
06-19-2001 09:48:06	9.609	9.550	43.96
06-19-2001 09:49:07	9.654	9.437	45.85

Test Run 1 STRATA Version 2.0

	O2	CO2	SO2	NOx	CO
	%	%	ppm	ppm	ppm
06-19-2001 09:50:07	10.829	8.837	-0.78	107.32	5.67
06-19-2001 09:51:07	10.635	8.855	-0.72	108.48	6.03
06-19-2001 09:52:06	10.439	8.958	-0.67	117.80	5.63
06-19-2001 09:53:07	11.140	8.413	-0.70	82.18	4.27
06-19-2001 09:54:06	11.220	8.490	-0.78	82.30	5.87
06-19-2001 09:55:07	10.609	8.908	-0.71	119.48	5.30
06-19-2001 09:56:07	10.998	8.530	-0.75	102.33	3.54
06-19-2001 09:57:06	11.004	8.594	-0.81	97.42	5.03
Run Averages	O2	CO2	SO2	NOx	CO
	%	%	ppm	ppm	ppm
06-19-2001 09:57:07	10.771	8.942	-0.45	110.08	10.60

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Test Run 1 STRATA Version 2.0

	O2-In	CO2-In	SO2-In
	%	%	ppm
06-19-2001 09:50:07	10.069	9.155	45.10
06-19-2001 09:51:07	10.019	9.089	49.49
06-19-2001 09:52:06	9.768	9.351	49.04
06-19-2001 09:53:07	10.576	8.624	48.55
06-19-2001 09:54:06	10.538	8.711	47.79
06-19-2001 09:55:07	9.642	9.540	50.11
06-19-2001 09:56:07	10.046	9.031	49.83
06-19-2001 09:57:06	10.166	8.954	48.10
Run Averages	O2-In	CO2-In	SO2-In
	%	%	ppm
06-19-2001 09:57:07	9.878	9.446	38.46

Operator: Bill Harris  
Plant Name: Lee County RRF  
Location: Unit 2 Inlet and Outlet  
Test Run 1 End



Final System Bias Check, Run 1 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		10:12:09		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	-0.018	0.044	-0.10	0.53	-0.12
Zero Avg	-0.077	0.089	0.14	0.30	-2.38
Zero Bias%	0.2%	0.2%	0.2%	0.0%	2.3%
Zero Drift%	-0.2%	0.2%	-1.6%	0.0%	-2.3%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	10.925	54.74	233.97	31.28
Span Avg	11.300	10.826	50.26	212.22	30.48
Span Bias%	0.2%	0.5%	4.5%	4.4%	0.8%
Span Drift%	-0.3%	0.0%	-2.3%	-2.9%	-0.2%
Ini Zero Avg	-0.037	0.053	1.71	0.42	-0.06
Ini Span Avg	11.363	10.824	52.61	226.75	30.69
Run Avg	10.771	8.942	-0.45	110.08	10.60
Co	-0.057	0.071	0.92	0.36	-1.22
Cm	11.331	10.825	51.44	219.49	30.58
Correct Avg	10.696	9.041	-1.49	117.11	11.26

Final System Bias Check, Run 1 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-19-2001 10:12:09 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	-0.005	0.064	-0.64
Zero Avg	0.002	0.104	2.85
Zero Bias%	0.0%	0.2%	0.7%
Zero Drift%	-0.2%	0.1%	-0.1%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.250	10.970	228.25
Span Avg	10.983	10.645	211.40
Span Bias%	1.1%	1.6%	3.4%
Span Drift%	-0.2%	-0.6%	1.1%

Ini Zero Avg	0.050	0.089	3.11
Ini Span Avg	11.037	10.770	205.83
Run Avg	9.878	9.446	38.46
Co	0.026	0.097	2.98
Cm	11.010	10.707	208.62
Correct Avg	10.090	9.657	39.36

System Bias Check End

Test Run 2 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-19-2001 10:21:05	11.166	8.487	0.29	90.70	8.20
06-19-2001 10:22:05	11.450	8.513	0.03	71.13	11.51
06-19-2001 10:23:05	10.886	8.806	-0.11	97.41	12.51
06-19-2001 10:24:06	11.230	8.489	-0.27	82.64	10.19
06-19-2001 10:25:05	11.433	8.564	-0.40	76.25	13.69
06-19-2001 10:26:05	10.889	8.951	-0.53	89.60	15.00
06-19-2001 10:27:05	10.572	9.042	-0.64	112.31	13.08
06-19-2001 10:28:05	11.087	8.763	-0.79	104.08	13.54
06-19-2001 10:29:06	10.681	9.233	-0.84	126.54	17.49
06-19-2001 10:30:05	10.227	9.433	-0.80	126.40	22.28
06-19-2001 10:31:05	10.354	9.283	-0.89	134.11	13.67
06-19-2001 10:32:05	10.576	9.104	-1.06	139.19	13.54
06-19-2001 10:33:05	10.704	9.046	-0.94	133.04	13.97
06-19-2001 10:34:06	10.565	9.186	-0.99	133.83	18.67
06-19-2001 10:35:05	10.359	9.350	-0.99	132.24	15.89
06-19-2001 10:36:05	10.311	9.317	-1.04	126.54	14.03
06-19-2001 10:37:05	10.705	9.038	-1.07	114.34	14.46
06-19-2001 10:38:05	10.735	9.025	-1.05	118.22	13.63
06-19-2001 10:39:06	10.491	9.307	-1.04	132.98	14.18
06-19-2001 10:40:05	10.609	9.034	-1.00	118.12	13.31
06-19-2001 10:41:05	11.391	8.437	-0.54	79.52	13.83
06-19-2001 10:42:05	11.563	8.529	0.09	68.00	17.73
06-19-2001 10:43:05	11.083	8.873	-0.05	89.17	19.45
06-19-2001 10:44:04	10.446	9.451	-0.28	126.60	18.90
06-19-2001 10:45:05	9.885	9.875	-0.51	140.80	15.72
06-19-2001 10:46:05	10.131	9.321	-0.62	121.57	13.70
06-19-2001 10:47:05	10.398	9.467	-0.67	122.35	11.26
06-19-2001 10:48:05	9.983	9.456	-0.90	136.69	9.91
06-19-2001 10:49:04	10.564	9.043	-0.99	108.68	9.55
06-19-2001 10:50:05	10.725	9.004	-1.14	99.69	11.20
06-19-2001 10:51:06	10.880	8.886	-1.12	93.98	11.27
06-19-2001 10:52:05	10.535	9.246	-1.25	115.55	13.70
06-19-2001 10:53:05	10.831	8.855	-1.31	95.96	13.26
06-19-2001 10:54:05	10.924	8.898	-1.49	87.10	15.84
06-19-2001 10:55:05	10.912	8.858	-1.51	85.84	18.13
06-19-2001 10:56:05	10.975	8.856	-1.47	85.39	15.05
06-19-2001 10:57:05	11.255	8.676	-1.58	81.21	15.81
06-19-2001 10:58:05	11.127	8.817	-1.56	98.45	16.28
06-19-2001 10:59:05	10.966	8.978	-1.63	108.09	18.56
06-19-2001 11:00:06	10.161	9.665	-1.67	138.49	16.56
06-19-2001 11:01:05	10.400	9.203	-1.68	137.02	11.93
06-19-2001 11:02:05	10.865	8.947	-1.69	121.15	13.10
06-19-2001 11:03:05	10.969	8.809	-1.76	109.22	14.68
06-19-2001 11:04:05	10.778	9.130	-1.74	113.49	16.14
06-19-2001 11:05:06	10.427	9.324	-1.74	112.35	16.62
06-19-2001 11:06:05	10.499	9.307	-1.87	105.40	12.32
06-19-2001 11:07:05	10.436	9.313	-1.78	116.79	11.16
06-19-2001 11:08:05	10.771	8.902	-1.78	101.00	12.02
06-19-2001 11:09:05	11.227	8.732	-1.85	82.13	12.70
06-19-2001 11:10:06	10.887	9.039	-1.80	98.71	16.49
06-19-2001 11:11:05	10.733	9.029	-1.91	108.57	14.79
06-19-2001 11:12:05	10.547	9.257	-1.94	122.57	15.14

Test Run 2 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-19-2001 10:21:05	10.913	8.483	35.80
06-19-2001 10:22:05	11.237	8.399	33.10
06-19-2001 10:23:05	10.367	8.934	34.72
06-19-2001 10:24:06	10.894	8.561	36.10
06-19-2001 10:25:05	11.091	8.532	34.38
06-19-2001 10:26:05	10.515	8.954	35.26
06-19-2001 10:27:05	9.987	9.352	40.26
06-19-2001 10:28:05	10.618	8.877	43.86
06-19-2001 10:29:06	10.034	9.473	45.29
06-19-2001 10:30:05	9.868	9.492	44.18
06-19-2001 10:31:05	10.036	9.373	47.97
06-19-2001 10:32:05	10.041	9.342	52.18
06-19-2001 10:33:05	10.215	9.211	52.93
06-19-2001 10:34:06	9.985	9.363	51.71
06-19-2001 10:35:05	9.877	9.572	53.22
06-19-2001 10:36:05	9.896	9.498	52.31
06-19-2001 10:37:05	10.146	9.272	52.65
06-19-2001 10:38:05	10.147	9.284	56.43
06-19-2001 10:39:06	9.794	9.608	59.46
06-19-2001 10:40:05	10.403	8.981	59.11
06-19-2001 10:41:05	10.842	8.657	54.65
06-19-2001 10:42:05	10.820	8.775	51.51
06-19-2001 10:43:05	10.281	9.175	53.38
06-19-2001 10:44:04	9.670	9.821	54.15
06-19-2001 10:45:05	9.454	10.017	53.54
06-19-2001 10:46:05	9.562	9.623	51.71
06-19-2001 10:47:05	10.001	9.479	44.02
06-19-2001 10:48:05	9.398	9.801	48.38
06-19-2001 10:49:04	9.944	9.350	46.35
06-19-2001 10:50:05	10.109	9.281	43.30
06-19-2001 10:51:06	10.135	9.184	43.03
06-19-2001 10:52:05	9.646	9.801	41.36
06-19-2001 10:53:05	10.024	9.259	41.64
06-19-2001 10:54:05	10.060	9.329	41.23
06-19-2001 10:55:05	10.185	9.175	39.42
06-19-2001 10:56:05	10.379	9.060	39.12
06-19-2001 10:57:05	10.729	8.779	40.68
06-19-2001 10:58:05	10.497	8.979	41.69
06-19-2001 10:59:05	10.236	9.224	43.45
06-19-2001 11:00:06	9.489	9.974	46.81
06-19-2001 11:01:05	9.737	9.589	48.84
06-19-2001 11:02:05	10.437	9.007	46.71
06-19-2001 11:03:05	10.534	8.862	45.30
06-19-2001 11:04:05	10.319	9.196	43.86
06-19-2001 11:05:06	10.034	9.353	44.70
06-19-2001 11:06:05	10.077	9.402	44.03
06-19-2001 11:07:05	9.794	9.625	43.59
06-19-2001 11:08:05	10.108	9.210	44.07
06-19-2001 11:09:05	10.725	8.789	42.76
06-19-2001 11:10:06	10.333	9.173	43.03
06-19-2001 11:11:05	10.123	9.259	44.13
06-19-2001 11:12:05	9.982	9.446	45.16

Test Run 2 STRATA Version 2.0

	O2	CO2	SO2	NOx	CO
	%	%	ppm	ppm	ppm
06-19-2001 11:13:05	10.893	8.826	-2.06	102.26	12.37
06-19-2001 11:14:04	11.096	8.860	-2.05	98.23	15.15
06-19-2001 11:15:05	11.042	8.908	-2.02	97.57	16.73
06-19-2001 11:16:05	10.658	9.228	-2.05	108.67	18.93
06-19-2001 11:17:05	10.689	9.022	-2.08	108.87	15.84
06-19-2001 11:18:05	11.040	8.846	-2.12	104.79	14.45
06-19-2001 11:19:04	10.949	8.969	-2.11	115.03	16.97
06-19-2001 11:20:05	10.450	9.261	-2.15	130.17	16.22
Run Averages	O2	CO2	SO2	NOx	CO
	%	%	ppm	ppm	ppm
06-19-2001 11:20:05	10.752	9.035	-1.21	108.97	14.54

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Test Run 2 STRATA Version 2.0

	O2-In	CO2-In	SO2-In
	%	%	ppm
06-19-2001 11:13:05	10.492	8.884	49.11
06-19-2001 11:14:04	10.619	8.921	47.20
06-19-2001 11:15:05	10.604	8.912	48.47
06-19-2001 11:16:05	10.136	9.364	54.33
06-19-2001 11:17:05	10.203	9.129	57.10
06-19-2001 11:18:05	10.692	8.762	57.22
06-19-2001 11:19:04	10.804	8.719	56.08
06-19-2001 11:20:05	10.314	9.096	54.58
Run Averages	O2-In	CO2-In	SO2-In
	%	%	ppm
06-19-2001 11:20:05	10.226	9.200	46.68

Operator: Bill Harris  
Plant Name: Lee County RRF  
Location: Unit 2 Inlet and Outlet  
Test Run 2 End

Final System Bias Check, Run 2 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		11:32:59		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	-0.018	0.044	-0.10	0.53	-0.12
Zero Avg	-0.043	0.130	-0.74	0.52	-2.14
Zero Bias%	0.1%	0.4%	0.6%	0.0%	2.0%
Zero Drift%	0.1%	0.2%	-0.9%	0.0%	0.2%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	10.925	54.74	233.97	31.28
Span Avg	11.343	10.894	50.92	217.52	28.91
Span Bias%	0.3%	0.2%	3.8%	3.3%	2.4%
Span Drift%	0.2%	0.3%	0.7%	1.1%	-1.6%
Ini Zero Avg	-0.077	0.089	0.14	0.30	-2.38
Ini Span Avg	11.300	10.826	50.26	212.22	30.48
Run Avg	10.752	9.035	-1.21	108.97	14.54
Co	-0.060	0.109	-0.30	0.41	-2.26
Cm	11.322	10.860	50.59	214.87	29.69
Correct Avg	10.687	9.100	-0.97	118.40	15.94

Final System Bias Check, Run 2 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		11:32:59	PASSED
Analyte	O2-In	CO2-In	SO2-In	
Units	%	%	ppm	
Zero Ref Cyl	0.000	0.000	0.00	
Zero Cal	-0.005	0.064	-0.64	
Zero Avg	0.029	0.093	5.07	
Zero Bias%	0.1%	0.1%	1.1%	
Zero Drift%	0.1%	-0.1%	0.4%	
Span Ref Cyl	11.250	10.960	228.10	
Span Cal	11.250	10.970	228.25	
Span Avg	11.030	10.618	205.48	
Span Bias%	0.9%	1.8%	4.6%	
Span Drift%	0.2%	-0.1%	-1.2%	
Ini Zero Avg	0.002	0.104	2.85	
Ini Span Avg	10.983	10.645	211.40	
Run Avg	10.226	9.200	46.68	
Co	0.015	0.098	3.96	
Cm	11.007	10.631	208.44	
Correct Avg	10.451	9.471	47.66	
System Bias Check End				



Test Run 3 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-19-2001 11:41:10	11.436	8.644	-0.15	81.09	16.01
06-19-2001 11:42:10	10.809	9.107	-0.33	111.43	18.79
06-19-2001 11:43:10	10.626	9.190	-0.61	123.02	15.21
06-19-2001 11:44:10	11.150	8.697	-0.69	110.87	16.12
06-19-2001 11:45:09	11.114	8.929	-0.92	115.92	17.86
06-19-2001 11:46:10	11.130	8.740	-0.97	110.60	20.53
06-19-2001 11:47:10	11.152	8.882	-1.20	107.08	17.60
06-19-2001 11:48:10	11.009	8.928	-1.22	107.07	17.84
06-19-2001 11:49:10	10.898	9.001	-1.23	107.00	19.29
06-19-2001 11:50:09	10.740	9.420	-1.23	108.55	17.89
06-19-2001 11:51:10	10.265	9.416	-1.30	120.88	17.82
06-19-2001 11:52:10	10.696	9.026	-1.37	112.12	15.92
06-19-2001 11:53:10	11.037	8.947	-1.50	107.02	17.02
06-19-2001 11:54:10	10.132	10.015	-1.44	137.09	17.80
06-19-2001 11:55:10	9.472	10.057	-1.57	158.43	12.38
06-19-2001 11:56:10	10.709	9.000	-1.56	119.59	9.11
06-19-2001 11:57:11	10.800	9.223	-1.64	117.13	13.92
06-19-2001 11:58:10	10.758	8.997	-1.57	107.14	13.27
06-19-2001 11:59:10	11.565	8.465	-1.58	77.55	11.34
06-19-2001 12:00:10	11.337	8.964	-1.69	90.46	15.10
06-19-2001 12:01:10	10.662	9.186	-1.66	113.41	16.72
06-19-2001 12:02:11	11.278	8.702	-1.75	96.85	14.18
06-19-2001 12:03:10	10.963	9.034	-1.72	110.77	16.20
06-19-2001 12:04:10	11.124	8.872	-1.86	102.32	14.48
06-19-2001 12:05:10	10.659	9.258	-1.76	119.26	16.82
06-19-2001 12:06:10	11.523	8.505	-1.72	92.75	14.44
06-19-2001 12:07:11	11.550	8.629	-1.91	93.28	18.21
06-19-2001 12:08:10	10.980	9.156	-1.81	109.98	21.00
06-19-2001 12:09:10	11.221	8.902	-1.90	104.34	13.85
06-19-2001 12:10:10	9.750	10.239	-1.86	148.90	14.82
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-19-2001 12:10:10	10.886	9.069	-1.39	110.68	16.05

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Test Run 3 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-19-2001 11:41:10	11.057	8.566	40.36
06-19-2001 11:42:10	10.182	9.315	44.13
06-19-2001 11:43:10	10.110	9.346	47.72
06-19-2001 11:44:10	10.722	8.713	44.93
06-19-2001 11:45:09	10.595	8.991	41.07
06-19-2001 11:46:10	10.484	8.941	41.16
06-19-2001 11:47:10	10.450	9.083	37.95
06-19-2001 11:48:10	10.445	9.010	37.24
06-19-2001 11:49:10	10.361	9.102	34.88
06-19-2001 11:50:09	10.464	9.161	32.70
06-19-2001 11:51:10	10.000	9.345	33.59
06-19-2001 11:52:10	10.282	9.143	31.61
06-19-2001 11:53:10	10.582	8.982	30.57
06-19-2001 11:54:10	9.543	10.062	31.26
06-19-2001 11:55:10	8.757	10.478	34.64
06-19-2001 11:56:10	10.181	9.196	31.14
06-19-2001 11:57:11	10.317	9.285	29.35
06-19-2001 11:58:10	10.253	9.153	27.14
06-19-2001 11:59:10	11.110	8.543	23.36
06-19-2001 12:00:10	10.847	8.975	21.98
06-19-2001 12:01:10	10.014	9.480	23.77
06-19-2001 12:02:11	10.766	8.794	22.87
06-19-2001 12:03:10	10.419	9.157	21.51
06-19-2001 12:04:10	10.803	8.794	21.89
06-19-2001 12:05:10	10.182	9.412	22.80
06-19-2001 12:06:10	11.208	8.478	23.40
06-19-2001 12:07:11	11.039	8.698	22.12
06-19-2001 12:08:10	10.349	9.434	22.97
06-19-2001 12:09:10	10.751	8.892	23.72
06-19-2001 12:10:10	9.132	10.438	25.03
Run Averages	O2-In %	CO2-In %	SO2-In ppm
06-19-2001 12:10:10	10.382	9.164	30.90

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet  
 Test Run 3 End

Final System Bias Check, Run 3 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		12:25:11		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	-0.018	0.044	-0.10	0.53	-0.12
Zero Avg	-0.042	0.134	-0.54	0.56	-2.36
Zero Bias%	0.1%	0.5%	0.4%	0.0%	2.2%
Zero Drift%	0.0%	0.0%	0.2%	0.0%	-0.2%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	10.925	54.74	233.97	31.28
Span Avg	11.350	10.890	52.21	217.51	27.66
Span Bias%	0.3%	0.2%	2.5%	3.3%	3.6%
Span Drift%	0.0%	0.0%	1.3%	0.0%	-1.2%
Ini Zero Avg	-0.043	0.130	-0.74	0.52	-2.14
Ini Span Avg	11.343	10.894	50.92	217.52	28.91
Run Avg	10.886	9.069	-1.39	110.68	16.05
Co	-0.043	0.132	-0.64	0.54	-2.25
Cm	11.347	10.892	51.56	217.51	28.29
Correct Avg	10.795	9.104	-0.78	118.73	18.16

Final System Bias Check, Run 3 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-19-2001 12:25:11 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	-0.005	0.064	-0.64
Zero Avg	0.039	0.062	6.86
Zero Bias%	0.2%	0.0%	1.5%
Zero Drift%	0.0%	-0.2%	0.4%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.250	10.970	228.25
Span Avg	11.057	10.519	204.36
Span Bias%	0.8%	2.3%	4.8%
Span Drift%	0.1%	-0.5%	-0.2%

Ini Zero Avg	0.029	0.093	5.07
Ini Span Avg	11.030	10.618	205.48
Run Avg	10.382	9.164	30.90
Co	0.034	0.077	5.97
Cm	11.044	10.568	204.92
Correct Avg	10.574	9.493	28.58
System Bias Check End			

Test Run 4 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-19-2001 12:32:12	10.905	9.180	1.01	100.40	11.26
06-19-2001 12:33:12	10.136	9.381	0.60	126.21	11.96
06-19-2001 12:34:12	10.877	8.886	0.19	105.71	7.58
06-19-2001 12:35:11	11.007	8.897	-0.11	96.68	9.40
06-19-2001 12:36:12	10.533	9.160	-0.19	117.99	12.10
06-19-2001 12:37:12	10.829	9.067	-0.36	109.34	11.13
06-19-2001 12:38:12	10.771	8.911	-0.49	107.29	12.10
06-19-2001 12:39:12	11.411	8.616	-0.56	72.81	10.42
06-19-2001 12:40:11	10.663	9.437	-0.65	97.52	14.18
06-19-2001 12:41:12	10.293	9.270	-0.71	114.81	12.21
06-19-2001 12:42:12	11.353	8.503	-0.71	81.74	11.20
06-19-2001 12:43:12	11.378	8.970	-0.77	86.11	14.51
06-19-2001 12:44:12	9.838	9.735	-0.72	140.61	16.19
06-19-2001 12:45:12	10.849	8.839	-0.76	104.68	9.58
06-19-2001 12:46:12	10.261	9.757	-0.76	122.92	13.44
06-19-2001 12:47:13	10.494	8.976	-0.83	110.10	10.83
06-19-2001 12:48:12	11.477	8.658	-0.87	71.60	11.70
06-19-2001 12:49:12	10.054	9.628	-0.96	122.98	17.02
06-19-2001 12:50:12	10.580	9.011	-0.96	110.38	10.23
06-19-2001 12:51:12	10.778	8.886	-0.99	115.33	10.85
06-19-2001 12:52:13	11.383	8.418	-0.98	95.06	10.06
06-19-2001 12:53:12	11.550	8.763	-0.98	86.65	14.61
06-19-2001 12:54:12	9.912	9.902	-1.00	139.31	17.53
06-19-2001 12:55:12	10.163	9.461	-1.04	141.26	10.04
06-19-2001 12:56:12	11.110	8.614	-1.06	99.59	10.37
06-19-2001 12:57:11	11.461	8.657	-1.12	78.02	14.52
06-19-2001 12:58:12	10.711	9.269	-1.11	103.75	15.73
06-19-2001 12:59:12	10.523	9.239	-1.06	120.21	11.99
06-19-2001 13:00:12	10.815	8.996	-1.14	107.89	13.65
06-19-2001 13:01:12	11.137	8.807	-1.21	92.96	17.27
06-19-2001 13:02:11	11.015	9.070	-1.31	99.59	16.72
06-19-2001 13:03:11	10.169	9.642	-1.21	122.07	15.30
06-19-2001 13:04:12	10.511	9.129	-1.23	121.31	10.33
06-19-2001 13:05:12	10.696	9.218	-1.24	122.58	9.79
06-19-2001 13:06:12	10.213	9.618	-1.27	130.92	11.60
06-19-2001 13:07:12	10.585	9.123	-1.18	115.96	9.87
06-19-2001 13:08:11	10.668	9.131	-1.22	113.87	11.37
06-19-2001 13:09:12	10.630	9.349	-1.27	109.57	10.73
06-19-2001 13:10:12	9.915	9.819	-1.25	144.23	9.89
06-19-2001 13:11:12	10.275	9.415	-1.20	128.99	8.23
06-19-2001 13:12:12	10.381	9.300	-1.24	122.56	7.69
06-19-2001 13:13:11	10.612	9.125	-1.38	107.03	7.82
06-19-2001 13:14:12	10.746	9.017	-1.28	98.34	7.83
06-19-2001 13:15:12	10.683	9.148	-1.33	103.01	9.03
06-19-2001 13:16:12	10.796	9.000	-1.34	89.47	10.66
06-19-2001 13:17:12	10.944	8.941	-1.39	80.44	10.00
06-19-2001 13:18:11	10.739	9.084	-1.29	91.61	10.86
06-19-2001 13:19:12	10.878	8.978	-1.37	91.17	9.58
06-19-2001 13:20:12	10.724	9.078	-1.31	99.54	9.29
06-19-2001 13:21:12	10.634	9.094	-1.34	108.08	9.46
06-19-2001 13:22:12	10.976	8.899	-1.43	99.64	11.21
06-19-2001 13:23:12	10.538	9.402	-1.42	116.46	10.48

Test Run 4 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-19-2001 12:32:12	10.707	8.955	24.14
06-19-2001 12:33:12	9.637	9.557	24.61
06-19-2001 12:34:12	10.592	8.795	21.74
06-19-2001 12:35:11	10.611	8.846	20.43
06-19-2001 12:36:12	10.038	9.281	20.07
06-19-2001 12:37:12	10.498	8.995	19.17
06-19-2001 12:38:12	10.407	8.935	19.15
06-19-2001 12:39:12	11.169	8.476	18.78
06-19-2001 12:40:11	10.028	9.672	19.59
06-19-2001 12:41:12	9.475	9.721	23.19
06-19-2001 12:42:12	10.755	8.680	21.82
06-19-2001 12:43:12	10.955	8.796	20.30
06-19-2001 12:44:12	9.129	10.130	23.93
06-19-2001 12:45:12	10.518	8.828	24.06
06-19-2001 12:46:12	9.857	9.737	23.53
06-19-2001 12:47:13	10.119	9.082	26.29
06-19-2001 12:48:12	11.136	8.493	24.03
06-19-2001 12:49:12	9.113	10.232	30.15
06-19-2001 12:50:12	10.042	9.174	33.92
06-19-2001 12:51:12	9.811	9.430	35.56
06-19-2001 12:52:13	10.562	8.776	36.06
06-19-2001 12:53:12	10.841	8.844	36.25
06-19-2001 12:54:12	9.043	10.332	39.19
06-19-2001 12:55:12	9.759	9.613	40.84
06-19-2001 12:56:12	10.590	8.763	45.16
06-19-2001 12:57:11	10.934	8.719	47.37
06-19-2001 12:58:12	10.481	9.056	50.58
06-19-2001 12:59:12	10.180	9.285	48.68
06-19-2001 13:00:12	10.229	9.193	51.22
06-19-2001 13:01:12	10.611	8.885	56.97
06-19-2001 13:02:11	10.495	9.070	61.84
06-19-2001 13:03:11	9.720	9.713	61.14
06-19-2001 13:04:12	10.174	9.169	59.78
06-19-2001 13:05:12	10.246	9.254	56.71
06-19-2001 13:06:12	9.876	9.587	55.35
06-19-2001 13:07:12	10.065	9.239	57.86
06-19-2001 13:08:11	10.103	9.339	56.62
06-19-2001 13:09:12	10.266	9.248	54.82
06-19-2001 13:10:12	9.289	10.071	55.43
06-19-2001 13:11:12	9.624	9.718	52.98
06-19-2001 13:12:12	9.681	9.631	50.12
06-19-2001 13:13:11	10.009	9.310	47.60
06-19-2001 13:14:12	10.197	9.172	47.25
06-19-2001 13:15:12	10.039	9.385	44.63
06-19-2001 13:16:12	10.118	9.243	43.14
06-19-2001 13:17:12	10.345	9.064	40.87
06-19-2001 13:18:11	10.116	9.295	38.92
06-19-2001 13:19:12	10.426	9.012	36.59
06-19-2001 13:20:12	10.128	9.255	33.54
06-19-2001 13:21:12	9.961	9.396	30.95
06-19-2001 13:22:12	10.260	9.124	29.00
06-19-2001 13:23:12	9.969	9.512	25.62

Test Run 4 STRATA Version 2.0

	O2	CO2	SO2	NOx	CO
	%	%	ppm	ppm	ppm
06-19-2001 13:24:12	10.110	9.496	-1.34	132.23	8.34
06-19-2001 13:25:12	10.499	9.154	-1.46	117.97	7.21
06-19-2001 13:26:12	11.037	8.820	-1.51	92.42	7.64
06-19-2001 13:27:11	10.639	9.213	-1.33	103.71	9.17
06-19-2001 13:28:12	10.719	9.066	-1.42	105.60	9.06
06-19-2001 13:29:12	11.140	8.708	-1.45	87.74	9.02
06-19-2001 13:30:12	11.047	8.951	-1.42	98.45	10.14
06-19-2001 13:31:12	10.874	9.019	-1.51	112.20	10.15
Run Averages	O2	CO2	SO2	NOx	CO
	%	%	ppm	ppm	ppm
06-19-2001 13:31:12	10.710	9.115	-1.00	107.46	11.20

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Test Run 4 STRATA Version 2.0

	O2-In	CO2-In	SO2-In
	%	%	ppm
06-19-2001 13:24:12	9.349	9.891	23.77
06-19-2001 13:25:12	9.821	9.504	21.99
06-19-2001 13:26:12	10.400	8.954	21.33
06-19-2001 13:27:11	9.887	9.552	20.28
06-19-2001 13:28:12	10.091	9.292	21.10
06-19-2001 13:29:12	10.664	8.768	20.80
06-19-2001 13:30:12	10.436	9.108	20.18
06-19-2001 13:31:12	10.285	9.096	21.59
Run Averages	O2-In	CO2-In	SO2-In
	%	%	ppm
06-19-2001 13:31:13	10.164	9.254	35.64

Operator: Bill Harris  
Plant Name: Lee County RRF  
Location: Unit 2 Inlet and Outlet  
Test Run 4 End



Final System Bias Check, Run 4 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		13:48:48		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	-0.018	0.044	-0.10	0.53	-0.12
Zero Avg	-0.048	0.146	0.11	0.53	-1.37
Zero Bias%	0.1%	0.5%	0.2%	0.0%	1.2%
Zero Drift%	0.0%	0.1%	0.6%	0.0%	1.0%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	10.925	54.74	233.97	31.28
Span Avg	11.332	10.895	52.91	214.51	29.85
Span Bias%	0.3%	0.2%	1.8%	3.9%	1.4%
Span Drift%	-0.1%	0.0%	0.7%	-0.6%	2.2%
Ini Zero Avg	-0.042	0.134	-0.54	0.56	-2.36
Ini Span Avg	11.350	10.890	52.21	217.51	27.66
Run Avg	10.710	9.115	-1.00	107.46	11.20
Co	-0.045	0.140	-0.22	0.54	-1.86
Cm	11.341	10.892	52.56	216.01	28.76
Correct Avg	10.627	9.148	-0.81	116.06	12.93

Final System Bias Check, Run 4 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-19-2001 13:48:48 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	-0.005	0.064	-0.64
Zero Avg	0.030	0.039	5.85
Zero Bias%	0.1%	0.1%	1.3%
Zero Drift%	0.0%	-0.1%	-0.2%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.250	10.970	228.25
Span Avg	11.040	10.553	203.75
Span Bias%	0.8%	2.1%	4.9%
Span Drift%	-0.1%	0.2%	-0.1%

Ini Zero Avg	0.039	0.062	6.86
Ini Span Avg	11.057	10.519	204.36
Run Avg	10.164	9.254	35.64
Co	0.035	0.050	6.36
Cm	11.049	10.536	204.05
Correct Avg	10.346	9.621	33.79

System Bias Check End

Test Run 5 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-19-2001 13:56:04	11.378	8.564	0.11	77.85	9.46
06-19-2001 13:57:04	11.049	8.845	-0.22	93.57	11.40
06-19-2001 13:58:04	10.837	9.022	-0.42	103.48	9.50
06-19-2001 13:59:04	10.369	9.353	-0.68	116.53	9.62
06-19-2001 14:00:03	10.570	9.017	-0.82	105.35	7.97
06-19-2001 14:01:04	11.082	8.746	-0.94	82.61	8.76
06-19-2001 14:02:04	11.027	8.796	-1.07	88.06	9.76
06-19-2001 14:03:04	11.259	8.632	-1.09	90.77	10.92
06-19-2001 14:04:04	11.048	8.848	-1.16	99.70	13.06
06-19-2001 14:05:03	10.901	9.066	-1.23	106.58	16.23
06-19-2001 14:06:04	10.881	8.859	-1.22	114.58	14.44
06-19-2001 14:07:04	11.368	8.553	-1.31	103.97	9.93
06-19-2001 14:08:04	11.217	8.749	-1.31	110.25	11.59
06-19-2001 14:09:04	11.038	8.848	-1.32	118.58	12.85
06-19-2001 14:10:03	11.451	8.376	-1.36	102.14	11.39
06-19-2001 14:11:04	12.173	8.112	-1.36	75.04	11.71
06-19-2001 14:12:04	11.118	8.936	-1.39	107.97	17.63
06-19-2001 14:13:04	10.832	8.946	-1.35	125.79	16.14
06-19-2001 14:14:04	11.112	8.835	-1.38	123.45	13.81
06-19-2001 14:15:03	10.772	9.108	-1.38	121.45	17.35
06-19-2001 14:16:04	10.354	9.678	-1.37	131.68	18.15
06-19-2001 14:17:04	8.944	10.882	-1.52	184.27	15.33
06-19-2001 14:18:04	8.652	10.874	-1.47	195.34	10.47
06-19-2001 14:19:04	9.233	10.177	-1.44	171.32	7.84
06-19-2001 14:20:03	10.256	9.330	-1.49	125.62	8.17
06-19-2001 14:21:04	10.219	9.434	-1.45	127.24	8.87
06-19-2001 14:22:04	10.575	9.063	-1.46	106.92	8.71
06-19-2001 14:23:04	11.084	8.669	-1.59	77.47	8.43
06-19-2001 14:24:04	11.007	8.986	-1.57	82.54	13.06
06-19-2001 14:25:03	10.869	8.842	-1.58	79.56	12.03
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-19-2001 14:25:04	10.756	9.072	-1.19	111.65	11.82

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Test Run 5 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-19-2001 13:56:04	10.658	8.766	25.40
06-19-2001 13:57:04	10.275	9.094	25.53
06-19-2001 13:58:04	10.202	9.129	26.31
06-19-2001 13:59:04	10.165	9.188	29.83
06-19-2001 14:00:03	10.276	9.013	33.33
06-19-2001 14:01:04	10.729	8.686	30.81
06-19-2001 14:02:04	10.631	8.819	30.37
06-19-2001 14:03:04	10.677	8.752	32.56
06-19-2001 14:04:04	10.367	9.034	30.87
06-19-2001 14:05:03	10.357	9.194	28.96
06-19-2001 14:06:04	10.091	9.181	29.31
06-19-2001 14:07:04	10.690	8.729	26.75
06-19-2001 14:08:04	10.422	8.993	26.72
06-19-2001 14:09:04	10.220	9.140	26.91
06-19-2001 14:10:03	10.630	8.700	26.42
06-19-2001 14:11:04	11.587	8.104	24.39
06-19-2001 14:12:04	10.533	8.998	23.47
06-19-2001 14:13:04	10.135	9.193	24.25
06-19-2001 14:14:04	10.579	8.880	23.46
06-19-2001 14:15:03	10.034	9.363	22.47
06-19-2001 14:16:04	9.712	9.784	23.00
06-19-2001 14:17:04	8.213	11.055	25.10
06-19-2001 14:18:04	8.440	10.756	27.37
06-19-2001 14:19:04	8.900	10.248	28.13
06-19-2001 14:20:03	9.886	9.318	27.47
06-19-2001 14:21:04	9.800	9.494	24.99
06-19-2001 14:22:04	10.214	9.064	25.42
06-19-2001 14:23:04	10.537	8.781	24.50
06-19-2001 14:24:04	10.508	8.996	23.01
06-19-2001 14:25:03	10.404	8.894	23.62
Run Averages	O2-In %	CO2-In %	SO2-In ppm
06-19-2001 14:25:04	10.196	9.178	26.69

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet  
 Test Run 5 End

Final System Bias Check, Run 5 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		14:39:38		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	-0.018	0.044	-0.10	0.53	-0.12
Zero Avg	-0.037	0.184	-0.77	0.61	-0.61
Zero Bias%	0.1%	0.7%	0.7%	0.0%	0.5%
Zero Drift%	0.0%	0.2%	-0.9%	0.0%	0.8%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	10.925	54.74	233.97	31.28
Span Avg	11.345	10.929	50.57	213.55	30.02
Span Bias%	0.3%	0.0%	4.2%	4.1%	1.3%
Span Drift%	0.1%	0.2%	-2.3%	-0.2%	0.2%
Ini Zero Avg	-0.048	0.146	0.11	0.53	-1.37
Ini Span Avg	11.332	10.895	52.91	214.51	29.85
Run Avg	10.756	9.072	-1.19	111.65	11.82
Co	-0.043	0.165	-0.33	0.57	-0.99
Cm	11.338	10.912	51.74	214.03	29.93
Correct Avg	10.674	9.084	-0.90	121.72	12.56

Final System Bias Check, Run 5 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-19-2001 14:39:38 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	-0.005	0.064	-0.64
Zero Avg	0.039	0.046	-0.55
Zero Bias%	0.2%	0.1%	0.0%
Zero Drift%	0.0%	0.0%	-1.3%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.250	10.970	228.25
Span Avg	11.116	10.754	204.94
Span Bias%	0.5%	1.1%	4.7%
Span Drift%	0.3%	1.0%	0.2%

Ini Zero Avg	0.030	0.039	5.85
Ini Span Avg	11.040	10.553	203.75
Run Avg	10.196	9.178	26.69
Co	0.034	0.042	2.65
Cm	11.078	10.653	204.34
Correct Avg	10.352	9.436	27.18
System Bias Check End			

Test Run 6 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-19-2001 14:43:19	9.770	9.686	-0.19	150.43	7.30
06-19-2001 14:44:19	10.969	8.775	-0.48	84.59	7.09
06-19-2001 14:45:18	11.216	8.696	-0.79	65.32	8.84
06-19-2001 14:46:19	11.626	8.513	-0.96	46.24	10.84
06-19-2001 14:47:18	10.144	10.028	-1.14	119.75	16.36
06-19-2001 14:48:19	9.632	10.028	-1.18	154.72	8.98
06-19-2001 14:49:19	10.187	9.369	-1.27	129.82	6.38
06-19-2001 14:50:19	11.160	8.682	-1.37	78.81	6.36
06-19-2001 14:51:19	11.545	8.468	-1.34	65.73	9.05
06-19-2001 14:52:18	11.753	8.396	-1.46	61.38	10.72
06-19-2001 14:53:19	11.234	8.854	-1.52	97.83	13.58
06-19-2001 14:54:19	10.908	8.867	-1.56	122.24	10.25
06-19-2001 14:55:19	11.422	8.700	-1.49	105.95	9.57
06-19-2001 14:56:19	10.540	9.634	-1.49	136.27	11.46
06-19-2001 14:57:18	9.112	10.444	-1.51	189.30	11.51
06-19-2001 14:58:19	10.053	9.434	-1.63	151.09	8.68
06-19-2001 14:59:19	11.013	8.750	-1.60	93.45	9.36
06-19-2001 15:00:19	11.290	8.607	-1.61	81.57	11.04
06-19-2001 15:01:19	11.128	8.768	-1.62	92.59	11.42
06-19-2001 15:02:18	11.281	8.595	-1.58	90.40	10.86
06-19-2001 15:03:19	10.952	8.915	-1.59	117.34	10.47
06-19-2001 15:04:18	11.011	8.738	-1.65	123.04	9.27
06-19-2001 15:05:19	11.192	8.727	-1.67	113.23	9.06
06-19-2001 15:06:19	10.502	9.131	-1.70	146.91	9.85
06-19-2001 15:07:19	11.060	8.528	-1.67	109.19	7.93
06-19-2001 15:08:19	11.531	8.430	-1.77	67.93	8.14
06-19-2001 15:09:18	11.221	8.508	-1.61	79.62	9.22
06-19-2001 15:10:19	11.158	8.710	-1.67	88.62	9.49
06-19-2001 15:11:19	10.648	9.090	-1.79	119.90	11.46
06-19-2001 15:12:19	10.671	8.915	-1.69	120.99	9.20
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-19-2001 15:12:19	10.864	8.967	-1.42	106.85	9.79

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Test Run 6 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-19-2001 14:43:19	9.524	9.763	26.94
06-19-2001 14:44:19	10.677	8.843	25.17
06-19-2001 14:45:18	10.770	8.805	24.42
06-19-2001 14:46:19	11.092	8.666	24.53
06-19-2001 14:47:18	8.955	10.646	29.14
06-19-2001 14:48:19	9.110	10.326	30.24
06-19-2001 14:49:19	9.721	9.653	29.25
06-19-2001 14:50:19	10.655	8.879	26.38
06-19-2001 14:51:19	10.861	8.736	25.74
06-19-2001 14:52:18	10.933	8.728	26.55
06-19-2001 14:53:19	10.242	9.328	27.00
06-19-2001 14:54:19	10.381	9.076	27.00
06-19-2001 14:55:19	10.737	8.991	25.42
06-19-2001 14:56:19	9.500	10.173	28.45
06-19-2001 14:57:18	8.430	10.841	34.88
06-19-2001 14:58:19	9.669	9.619	35.12
06-19-2001 14:59:19	10.505	8.923	30.47
06-19-2001 15:00:19	10.689	8.805	29.37
06-19-2001 15:01:19	10.285	9.158	28.31
06-19-2001 15:02:18	10.780	8.766	26.84
06-19-2001 15:03:19	10.341	9.082	25.90
06-19-2001 15:04:18	10.532	8.888	24.08
06-19-2001 15:05:19	10.398	9.061	24.08
06-19-2001 15:06:19	9.876	9.392	23.65
06-19-2001 15:07:19	10.909	8.477	21.94
06-19-2001 15:08:19	10.820	8.677	21.00
06-19-2001 15:09:18	10.748	8.641	22.26
06-19-2001 15:10:19	10.440	8.970	20.83
06-19-2001 15:11:19	9.724	9.657	21.02
06-19-2001 15:12:19	10.091	9.190	20.23
Run Averages	O2-In %	CO2-In %	SO2-In ppm
06-19-2001 15:12:19	10.246	9.226	26.21

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet  
 Test Run 6 End



Final System Bias Check, Run 6 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		15:22:30		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	-0.018	0.044	-0.10	0.53	-0.12
Zero Avg	-0.024	0.199	1.07	0.70	-0.56
Zero Bias%	0.0%	0.8%	1.2%	0.0%	0.4%
Zero Drift%	0.0%	0.1%	1.8%	0.0%	0.0%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	10.925	54.74	233.97	31.28
Span Avg	11.339	10.918	50.54	215.41	30.71
Span Bias%	0.3%	0.0%	4.2%	3.7%	0.6%
Span Drift%	0.0%	-0.1%	0.0%	0.4%	0.7%
Ini Zero Avg	-0.037	0.184	-0.77	0.61	-0.61
Ini Span Avg	11.345	10.929	50.57	213.55	30.02
Run Avg	10.864	8.967	-1.42	106.85	9.79
Co	-0.031	0.192	0.15	0.66	-0.58
Cm	11.342	10.923	50.56	214.48	30.37
Correct Avg	10.777	8.962	-1.70	116.16	10.16

Final System Bias Check, Run 6 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001			15:22:30	PASSED
Analyte	O2-In	CO2-In	SO2-In		
Units	%	%	ppm		
Zero Ref Cyl	0.000	0.000	0.00		
Zero Cal	-0.005	0.064	-0.64		
Zero Avg	0.047	0.060	2.28		
Zero Bias%	0.2%	0.0%	0.6%		
Zero Drift%	0.0%	0.1%	0.6%		
Span Ref Cyl	11.250	10.960	228.10		
Span Cal	11.250	10.970	228.25		
Span Avg	11.066	10.724	206.41		
Span Bias%	0.7%	1.2%	4.4%		
Span Drift%	-0.2%	-0.1%	0.3%		
Ini Zero Avg	0.039	0.046	-0.55		
Ini Span Avg	11.116	10.754	204.94		
Run Avg	10.246	9.226	26.21		
Co	0.043	0.053	0.86		
Cm	11.091	10.739	205.67		
Correct Avg	10.389	9.408	28.23		
System Bias Check End					

Test Run 7 STRATA Version 2.0

		O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages						
06-19-2001 15:26:04		10.952	8.807	0.28	90.89	11.29
06-19-2001 15:27:05		10.964	8.920	-0.31	82.40	11.59
06-19-2001 15:28:04		10.304	9.520	-0.63	122.94	11.99
06-19-2001 15:29:04		10.376	9.257	-0.97	133.73	7.82
06-19-2001 15:30:04		10.982	8.794	-1.13	97.43	6.51
06-19-2001 15:31:04		10.990	8.845	-1.19	89.18	9.51
06-19-2001 15:32:05		11.546	8.365	-1.36	61.26	9.01
06-19-2001 15:33:04		11.814	8.277	-1.53	48.66	13.32
06-19-2001 15:34:04		11.673	8.392	-1.53	53.73	14.25
06-19-2001 15:35:04		11.549	8.493	-1.50	69.11	13.66
06-19-2001 15:36:04		11.281	8.771	-1.56	96.46	11.32
06-19-2001 15:37:05		10.971	8.861	-1.52	113.18	9.67
06-19-2001 15:38:04		10.889	8.989	-1.48	118.18	10.51
06-19-2001 15:39:05		10.787	9.054	-1.56	117.65	11.24
06-19-2001 15:40:04		10.607	9.316	-1.66	123.36	11.55
06-19-2001 15:41:04		9.963	9.752	-1.61	148.19	12.05
06-19-2001 15:42:05		10.256	9.348	-1.74	137.70	9.90
06-19-2001 15:43:04		10.988	8.736	-1.74	104.92	10.04
06-19-2001 15:44:05		11.519	8.568	-1.74	76.12	10.83
06-19-2001 15:45:04		10.669	9.263	-1.81	106.64	14.65
06-19-2001 15:46:04		10.690	8.999	-1.70	116.52	12.03
06-19-2001 15:47:05		10.654	9.176	-1.78	124.26	14.24
06-19-2001 15:48:04		10.769	9.009	-1.82	119.77	12.07
06-19-2001 15:49:04		11.171	8.660	-1.76	96.61	10.59
06-19-2001 15:50:04		11.281	8.747	-1.80	86.20	13.06
06-19-2001 15:51:04		11.018	8.915	-1.85	97.31	14.12
06-19-2001 15:52:05		11.091	8.747	-1.89	91.18	10.66
06-19-2001 15:53:04		11.440	8.598	-1.90	83.61	11.90
06-19-2001 15:54:04		11.146	8.841	-1.89	89.80	13.00
06-19-2001 15:55:04		10.981	8.949	-1.89	101.94	11.36
Run Averages		O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-19-2001 15:55:05		10.977	8.899	-1.49	99.98	11.46

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Test Run 7 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-19-2001 15:26:04	10.464	8.934	28.82
06-19-2001 15:27:05	10.088	9.387	30.19
06-19-2001 15:28:04	9.359	10.090	32.64
06-19-2001 15:29:04	9.847	9.549	30.96
06-19-2001 15:30:04	10.499	8.938	29.96
06-19-2001 15:31:04	10.363	9.040	31.98
06-19-2001 15:32:05	11.178	8.455	31.81
06-19-2001 15:33:04	11.143	8.480	31.06
06-19-2001 15:34:04	11.044	8.554	29.76
06-19-2001 15:35:04	11.045	8.595	27.18
06-19-2001 15:36:04	10.819	8.760	26.31
06-19-2001 15:37:05	10.765	8.768	25.68
06-19-2001 15:38:04	10.475	9.007	24.40
06-19-2001 15:39:05	10.222	9.237	24.33
06-19-2001 15:40:04	10.311	9.273	25.42
06-19-2001 15:41:04	9.405	9.952	29.01
06-19-2001 15:42:05	9.859	9.509	31.71
06-19-2001 15:43:04	10.643	8.789	30.55
06-19-2001 15:44:05	10.938	8.735	26.99
06-19-2001 15:45:04	9.852	9.593	28.80
06-19-2001 15:46:04	10.412	8.994	29.65
06-19-2001 15:47:05	10.064	9.393	28.16
06-19-2001 15:48:04	10.715	8.770	28.75
06-19-2001 15:49:04	11.061	8.577	27.12
06-19-2001 15:50:04	10.605	8.947	26.56
06-19-2001 15:51:04	10.372	9.099	26.97
06-19-2001 15:52:05	10.601	8.876	25.61
06-19-2001 15:53:04	10.896	8.708	24.26
06-19-2001 15:54:04	10.570	8.953	26.80
06-19-2001 15:55:04	10.434	9.076	29.79
Run Averages	O2-In %	CO2-In %	SO2-In ppm
06-19-2001 15:55:05	10.468	9.035	28.38

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet  
 Test Run 7 End

Final System Bias Check, Run 7 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		16:06:43		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	-0.018	0.044	-0.10	0.53	-0.12
Zero Avg	-0.030	0.211	-0.05	0.68	-0.10
Zero Bias%	0.0%	0.8%	0.0%	0.0%	0.0%
Zero Drift%	0.0%	0.1%	-1.1%	0.0%	0.5%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	10.925	54.74	233.97	31.28
Span Avg	11.341	10.927	50.09	222.97	30.62
Span Bias%	0.3%	0.0%	4.6%	2.2%	0.7%
Span Drift%	0.0%	0.0%	-0.4%	1.5%	-0.1%
Ini Zero Avg	-0.024	0.199	1.07	0.70	-0.56
Ini Span Avg	11.339	10.918	50.54	215.41	30.71
Run Avg	10.977	8.899	-1.49	99.98	11.46
Co	-0.027	0.205	0.51	0.69	-0.33
Cm	11.340	10.922	50.32	219.19	30.67
Correct Avg	10.891	8.891	-2.19	106.29	11.53

Final System Bias Check, Run 7 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-19-2001 16:06:43 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	-0.005	0.064	-0.64
Zero Avg	0.044	0.056	4.47
Zero Bias%	0.2%	0.0%	1.0%
Zero Drift%	0.0%	0.0%	0.4%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.250	10.970	228.25
Span Avg	11.072	10.711	210.02
Span Bias%	0.7%	1.3%	3.6%
Span Drift%	0.0%	-0.1%	0.7%

Ini Zero Avg	0.047	0.060	2.28
Ini Span Avg	11.066	10.724	206.41
Run Avg	10.468	9.035	28.38
Co	0.045	0.058	3.37
Cm	11.069	10.718	208.21
Correct Avg	10.637	9.230	27.84

System Bias Check End

Test Run 8 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-19-2001 16:10:05	10.904	8.944	0.07	98.11	10.36
06-19-2001 16:11:05	10.827	9.046	-0.39	96.21	13.29
06-19-2001 16:12:04	10.918	8.983	-0.71	97.28	10.93
06-19-2001 16:13:05	11.003	8.859	-0.95	111.55	10.02
06-19-2001 16:14:04	11.533	8.559	-1.14	103.36	9.21
06-19-2001 16:15:05	10.750	9.301	-1.14	135.04	13.24
06-19-2001 16:16:05	10.321	9.563	-1.43	147.62	11.96
06-19-2001 16:17:04	10.076	9.810	-1.40	154.93	8.73
06-19-2001 16:18:05	10.329	9.329	-1.46	134.31	8.20
06-19-2001 16:19:04	10.781	9.069	-1.62	101.11	9.18
06-19-2001 16:20:05	11.183	8.774	-1.64	83.16	10.33
06-19-2001 16:21:05	11.233	8.753	-1.68	80.21	12.60
06-19-2001 16:22:04	11.359	8.773	-1.82	70.45	15.71
06-19-2001 16:23:05	10.839	9.165	-1.72	85.14	16.34
06-19-2001 16:24:04	10.361	9.579	-1.59	112.16	13.33
06-19-2001 16:25:05	10.558	9.201	-1.75	122.39	10.00
06-19-2001 16:26:05	10.691	9.400	-1.71	128.04	11.11
06-19-2001 16:27:04	10.387	9.432	-1.84	139.05	10.65
06-19-2001 16:28:05	10.527	9.266	-1.72	136.09	10.62
06-19-2001 16:29:04	11.119	8.809	-1.70	104.18	10.55
06-19-2001 16:30:05	11.160	8.864	-1.76	99.76	12.18
06-19-2001 16:31:05	11.004	8.938	-1.83	111.22	12.53
06-19-2001 16:32:05	11.078	8.963	-1.81	112.10	11.27
06-19-2001 16:33:05	10.236	9.852	-1.77	148.81	12.60
06-19-2001 16:34:04	10.202	9.373	-1.79	149.03	9.03
06-19-2001 16:35:05	10.915	8.950	-1.75	117.30	7.98
06-19-2001 16:36:05	11.173	8.742	-1.68	94.30	8.85
06-19-2001 16:37:04	11.223	8.771	-1.89	93.55	11.20
06-19-2001 16:38:05	11.181	8.928	-1.90	100.84	12.44
06-19-2001 16:39:04	9.793	10.151	-1.82	154.73	14.97
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-19-2001 16:39:04	10.791	9.136	-1.51	113.94	11.32

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Test Run 8 STRATA Version 2.0

		O2-In	CO2-In	SO2-In
		%	%	ppm
Begin calculating run averages				
06-19-2001	16:10:05	10.305	9.225	34.88
06-19-2001	16:11:05	10.176	9.331	37.59
06-19-2001	16:12:04	10.219	9.310	37.42
06-19-2001	16:13:05	10.272	9.208	37.63
06-19-2001	16:14:04	10.756	8.968	36.48
06-19-2001	16:15:05	9.789	9.749	37.56
06-19-2001	16:16:05	9.541	10.087	38.86
06-19-2001	16:17:04	8.992	10.508	40.06
06-19-2001	16:18:05	9.585	9.822	40.34
06-19-2001	16:19:04	9.928	9.576	39.50
06-19-2001	16:20:05	10.412	9.154	38.33
06-19-2001	16:21:05	10.375	9.163	39.28
06-19-2001	16:22:04	10.445	9.221	40.30
06-19-2001	16:23:05	9.929	9.705	40.70
06-19-2001	16:24:04	9.573	9.975	40.35
06-19-2001	16:25:05	10.109	9.384	41.01
06-19-2001	16:26:05	9.908	9.762	42.20
06-19-2001	16:27:04	9.773	9.786	45.18
06-19-2001	16:28:05	9.872	9.646	47.70
06-19-2001	16:29:04	10.521	9.059	45.66
06-19-2001	16:30:05	10.234	9.362	47.73
06-19-2001	16:31:05	10.102	9.430	50.55
06-19-2001	16:32:05	10.139	9.485	51.09
06-19-2001	16:33:05	9.108	10.494	54.89
06-19-2001	16:34:04	9.668	9.697	53.02
06-19-2001	16:35:05	10.277	9.237	47.65
06-19-2001	16:36:05	10.636	8.915	48.87
06-19-2001	16:37:04	10.364	9.173	49.89
06-19-2001	16:38:05	10.239	9.412	49.21
06-19-2001	16:39:04	8.793	10.656	55.52
Run Averages		O2-In	CO2-In	SO2-In
		%	%	ppm
06-19-2001	16:39:05	10.004	9.548	43.61

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet  
 Test Run 8 End



Final System Bias Check, Run 8 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		16:50:33		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	-0.018	0.044	-0.10	0.53	-0.12
Zero Avg	-0.007	0.238	0.12	0.76	1.07
Zero Bias%	0.0%	1.0%	0.2%	0.0%	1.2%
Zero Drift%	0.1%	0.1%	0.2%	0.0%	1.2%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	10.925	54.74	233.97	31.28
Span Avg	11.380	10.957	50.56	226.31	31.94
Span Bias%	0.5%	0.2%	4.2%	1.5%	0.7%
Span Drift%	0.2%	0.2%	0.5%	0.7%	1.3%
Ini Zero Avg	-0.030	0.211	-0.05	0.68	-0.10
Ini Span Avg	11.341	10.927	50.09	222.97	30.62
Run Avg	10.791	9.136	-1.51	113.94	11.32
Co	-0.018	0.224	0.04	0.72	0.48
Cm	11.360	10.942	50.33	224.64	31.28
Correct Avg	10.687	9.114	-1.68	118.26	10.66

Final System Bias Check, Run 8 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-19-2001 16:50:34 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	-0.005	0.064	-0.64
Zero Avg	0.069	0.096	4.28
Zero Bias%	0.3%	0.2%	1.0%
Zero Drift%	0.1%	0.2%	0.0%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.250	10.970	228.25
Span Avg	11.116	10.761	209.11
Span Bias%	0.5%	1.0%	3.8%
Span Drift%	0.2%	0.3%	-0.2%

Ini Zero Avg	0.044	0.056	4.47
Ini Span Avg	11.072	10.711	210.02
Run Avg	10.004	9.548	43.61
Co	0.057	0.076	4.37
Cm	11.094	10.736	209.57
Correct Avg	10.139	9.739	43.61

System Bias Check End

Test Run 9 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-19-2001 16:54:08	11.196	8.560	0.16	101.25	11.21
06-19-2001 16:55:09	11.322	8.876	-0.41	100.47	15.21
06-19-2001 16:56:08	10.339	9.381	-0.60	134.92	12.99
06-19-2001 16:57:09	10.522	9.196	-0.83	126.98	10.22
06-19-2001 16:58:08	10.921	9.117	-1.05	118.38	10.57
06-19-2001 16:59:08	10.142	9.563	-1.11	154.99	12.41
06-19-2001 17:00:08	10.560	9.311	-1.25	134.58	12.41
06-19-2001 17:01:08	10.600	9.227	-1.26	123.02	13.82
06-19-2001 17:02:09	10.784	9.082	-1.34	102.44	13.91
06-19-2001 17:03:08	11.267	8.668	-1.38	70.27	13.28
06-19-2001 17:04:09	11.482	8.619	-1.36	74.08	14.26
06-19-2001 17:05:08	11.403	8.730	-1.47	80.53	15.97
06-19-2001 17:06:08	10.920	9.181	-1.59	110.28	17.11
06-19-2001 17:07:08	10.654	9.129	-1.51	125.05	18.02
06-19-2001 17:08:08	11.154	8.802	-1.51	111.03	14.53
06-19-2001 17:09:08	11.580	8.545	-1.55	86.94	19.04
06-19-2001 17:10:08	11.384	8.721	-1.50	99.90	18.04
06-19-2001 17:11:09	11.540	8.595	-1.59	97.32	16.40
06-19-2001 17:12:08	11.434	8.695	-1.60	98.94	20.02
06-19-2001 17:13:09	10.679	9.522	-1.57	119.65	23.60
06-19-2001 17:14:08	10.081	9.831	-1.52	156.13	17.80
06-19-2001 17:15:09	9.887	10.069	-1.46	165.91	16.81
06-19-2001 17:16:08	9.254	10.659	-1.61	194.38	14.05
06-19-2001 17:17:08	9.088	10.610	-1.47	194.13	11.09
06-19-2001 17:18:09	9.666	9.935	-1.51	168.15	10.56
06-19-2001 17:19:08	10.436	9.315	-1.50	135.00	10.08
06-19-2001 17:20:09	10.731	9.073	-1.54	116.14	10.84
06-19-2001 17:21:08	11.097	8.881	-1.52	93.93	11.87
06-19-2001 17:22:08	11.278	8.728	-1.62	78.10	14.10
06-19-2001 17:23:08	11.139	9.019	-1.60	86.63	15.68
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-19-2001 17:23:09	10.751	9.188	-1.32	118.66	14.53

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Test Run 9 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-19-2001 16:54:08	10.764	8.738	39.69
06-19-2001 16:55:09	10.413	9.282	38.89
06-19-2001 16:56:08	9.929	9.547	39.20
06-19-2001 16:57:09	10.207	9.286	40.31
06-19-2001 16:58:08	10.160	9.577	40.02
06-19-2001 16:59:08	9.250	10.126	46.66
06-19-2001 17:00:08	9.716	9.875	47.01
06-19-2001 17:01:08	9.840	9.750	49.47
06-19-2001 17:02:09	10.257	9.314	51.92
06-19-2001 17:03:08	10.795	8.874	50.45
06-19-2001 17:04:09	10.624	9.003	49.79
06-19-2001 17:05:08	10.485	9.153	50.60
06-19-2001 17:06:08	10.052	9.636	49.90
06-19-2001 17:07:08	10.236	9.295	49.40
06-19-2001 17:08:08	10.375	9.239	48.91
06-19-2001 17:09:08	10.978	8.787	46.15
06-19-2001 17:10:08	10.451	9.193	43.13
06-19-2001 17:11:09	10.640	9.090	40.44
06-19-2001 17:12:08	10.516	9.150	37.04
06-19-2001 17:13:09	9.512	10.234	38.08
06-19-2001 17:14:08	9.011	10.661	42.74
06-19-2001 17:15:09	8.537	11.030	47.49
06-19-2001 17:16:08	8.065	11.453	50.00
06-19-2001 17:17:08	8.228	11.222	49.64
06-19-2001 17:18:09	9.044	10.409	47.51
06-19-2001 17:19:08	9.833	9.754	41.36
06-19-2001 17:20:09	10.057	9.501	39.30
06-19-2001 17:21:08	10.380	9.287	38.55
06-19-2001 17:22:08	10.748	8.937	39.25
06-19-2001 17:23:08	10.479	9.332	38.87
Run Averages	O2-In %	CO2-In %	SO2-In ppm
06-19-2001 17:23:09	9.986	9.625	44.39

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet  
 Test Run 9 End

Final System Bias Check, Run 9 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		17:33:41		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	-0.018	0.044	-0.10	0.53	-0.12
Zero Avg	0.019	0.259	0.27	0.85	2.05
Zero Bias%	0.1%	1.1%	0.4%	0.1%	2.2%
Zero Drift%	0.1%	0.1%	0.2%	0.0%	1.0%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	10.925	54.74	233.97	31.28
Span Avg	11.399	10.961	49.99	228.93	32.26
Span Bias%	0.5%	0.2%	4.7%	1.0%	1.0%
Span Drift%	0.1%	0.0%	-0.6%	0.5%	0.3%
Ini Zero Avg	-0.007	0.238	0.12	0.76	1.07
Ini Span Avg	11.380	10.957	50.56	226.31	31.94
Run Avg	10.751	9.188	-1.32	118.66	14.53
Co	0.006	0.248	0.20	0.81	1.56
Cm	11.390	10.959	50.28	227.62	32.10
Correct Avg	10.619	9.148	-1.66	121.54	12.87

Final System Bias Check, Run 9 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-19-2001 17:33:41 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	-0.005	0.064	-0.64
Zero Avg	0.097	0.147	4.69
Zero Bias%	0.4%	0.4%	1.1%
Zero Drift%	0.1%	0.3%	0.1%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.250	10.970	228.25
Span Avg	11.144	10.825	206.80
Span Bias%	0.4%	0.7%	4.3%
Span Drift%	0.1%	0.3%	-0.5%

Ini Zero Avg	0.069	0.096	4.28
Ini Span Avg	11.116	10.761	209.11
Run Avg	9.986	9.625	44.39
Co	0.083	0.121	4.49
Cm	11.130	10.793	207.96
Correct Avg	10.084	9.761	44.74

System Bias Check End

Test Run 10 STRATA Version 2.0

	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
Begin calculating run averages					
06-19-2001 17:37:04	11.099	8.915	0.33	86.48	15.54
06-19-2001 17:38:04	10.936	9.051	-0.10	93.08	13.92
06-19-2001 17:39:04	10.741	9.152	-0.41	102.42	16.13
06-19-2001 17:40:04	10.647	9.217	-0.62	114.44	16.62
06-19-2001 17:41:04	10.985	8.953	-0.83	108.51	15.21
06-19-2001 17:42:04	11.004	8.924	-0.89	104.63	16.45
06-19-2001 17:43:05	10.982	9.040	-0.92	117.35	17.39
06-19-2001 17:44:04	10.983	8.898	-0.96	114.42	15.44
06-19-2001 17:45:04	11.191	8.838	-1.01	105.10	15.31
06-19-2001 17:46:04	11.120	8.864	-1.09	109.18	14.43
06-19-2001 17:47:04	11.077	8.928	-1.03	110.64	14.56
06-19-2001 17:48:05	11.078	9.063	-1.21	112.11	16.26
06-19-2001 17:49:04	10.496	9.267	-1.04	140.96	15.25
06-19-2001 17:50:04	11.269	8.703	-1.08	105.31	12.52
06-19-2001 17:51:04	10.927	9.259	-1.14	110.80	17.82
06-19-2001 17:52:04	10.462	9.388	-1.23	130.88	18.06
06-19-2001 17:53:05	11.026	8.872	-1.27	111.45	15.42
06-19-2001 17:54:04	11.070	9.112	-1.07	107.75	17.41
06-19-2001 17:55:04	10.719	9.343	-1.12	112.93	18.02
06-19-2001 17:56:04	10.428	9.669	-1.11	135.41	15.16
06-19-2001 17:57:04	9.901	9.965	-1.11	166.73	13.80
06-19-2001 17:58:05	10.480	9.305	-1.09	139.41	11.07
06-19-2001 17:59:04	10.855	9.131	-1.10	116.91	13.38
06-19-2001 18:00:04	10.974	8.995	-1.22	100.25	14.58
06-19-2001 18:01:04	10.849	9.336	-1.13	102.39	14.86
06-19-2001 18:02:04	10.095	9.840	-1.12	139.24	14.05
06-19-2001 18:03:05	10.383	9.444	-1.12	126.95	12.09
06-19-2001 18:04:04	11.063	8.883	-1.10	89.15	12.58
06-19-2001 18:05:04	10.775	9.391	-1.11	103.85	15.83
06-19-2001 18:06:04	10.601	9.223	-1.09	115.11	13.30
Run Averages	O2 %	CO2 %	SO2 ppm	NOx ppm	CO ppm
06-19-2001 18:06:04	10.807	9.166	-0.97	114.47	15.08

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Test Run 10 STRATA Version 2.0

	O2-In %	CO2-In %	SO2-In ppm
Begin calculating run averages			
06-19-2001 17:37:04	10.741	8.995	48.70
06-19-2001 17:38:04	10.572	9.104	50.78
06-19-2001 17:39:04	10.529	9.142	50.88
06-19-2001 17:40:04	10.369	9.283	48.62
06-19-2001 17:41:04	10.700	9.014	47.50
06-19-2001 17:42:04	10.481	9.143	50.11
06-19-2001 17:43:05	10.403	9.293	50.47
06-19-2001 17:44:04	10.607	9.035	48.92
06-19-2001 17:45:04	10.561	9.106	46.76
06-19-2001 17:46:04	10.616	9.058	48.90
06-19-2001 17:47:04	10.358	9.308	50.97
06-19-2001 17:48:05	10.175	9.581	51.93
06-19-2001 17:49:04	9.968	9.551	54.82
06-19-2001 17:50:04	10.927	8.809	51.06
06-19-2001 17:51:04	10.133	9.677	51.42
06-19-2001 17:52:04	9.966	9.703	51.58
06-19-2001 17:53:05	10.663	9.025	48.14
06-19-2001 17:54:04	10.209	9.615	45.62
06-19-2001 17:55:04	9.948	9.876	46.47
06-19-2001 17:56:04	9.519	10.289	47.51
06-19-2001 17:57:04	9.342	10.295	51.28
06-19-2001 17:58:05	10.105	9.551	50.85
06-19-2001 17:59:04	10.221	9.530	51.10
06-19-2001 18:00:04	10.596	9.138	52.66
06-19-2001 18:01:04	10.204	9.647	50.49
06-19-2001 18:02:04	9.727	9.974	50.46
06-19-2001 18:03:05	10.084	9.611	50.03
06-19-2001 18:04:04	10.834	8.966	45.34
06-19-2001 18:05:04	9.892	9.930	41.26
06-19-2001 18:06:04	10.076	9.576	40.14
Run Averages	O2-In %	CO2-In %	SO2-In ppm
06-19-2001 18:06:04	10.284	9.428	49.16

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet  
 Test Run 10 End



Final System Bias Check, Run 10 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time	06-19-2001		18:17:40		PASSED
Analyte	O2	CO2	SO2	NOx	CO
Units	%	%	ppm	ppm	ppm
Zero Ref Cyl	0.000	0.000	0.00	0.00	0.00
Zero Cal	-0.018	0.044	-0.10	0.53	-0.12
Zero Avg	0.022	0.262	1.06	0.82	3.27
Zero Bias%	0.2%	1.1%	1.2%	0.1%	3.4%
Zero Drift%	0.0%	0.0%	0.8%	0.0%	1.2%
Span Ref Cyl	11.250	10.960	54.60	233.90	30.31
Span Cal	11.262	10.925	54.74	233.97	31.28
Span Avg	11.416	10.972	52.97	230.91	33.37
Span Bias%	0.6%	0.2%	1.8%	0.6%	2.1%
Span Drift%	0.1%	0.1%	3.0%	0.4%	1.1%
Ini Zero Avg	0.019	0.259	0.27	0.85	2.05
Ini Span Avg	11.399	10.961	49.99	228.93	32.26
Run Avg	10.807	9.166	-0.97	114.47	15.08
Co	0.021	0.260	0.67	0.84	2.66
Cm	11.408	10.966	51.48	229.92	32.82
Correct Avg	10.657	9.117	-1.75	116.03	12.48

Final System Bias Check, Run 10 STRATA Version 2.0

Operator: Bill Harris  
 Plant Name: Lee County RRF  
 Location: Unit 2 Inlet and Outlet

Reference Cylinder Numbers

	Zero	Span
O2	XC016839B	XC012598B
CO2	XC016839B	XC012598B
SO2	XC012598B	XC016839B
NOx	XC012598B	CC85599
CO	CC8539	XC017944B
O2-In	CC44990	XC012598B
CO2-In	CC44990	XC012598B
SO2-In	XC012598B	CC44990

Date/Time 06-19-2001 18:17:40 PASSED

Analyte	O2-In	CO2-In	SO2-In
Units	%	%	ppm
Zero Ref Cyl	0.000	0.000	0.00
Zero Cal	-0.005	0.064	-0.64
Zero Avg	0.100	0.161	4.64
Zero Bias%	0.4%	0.5%	1.1%
Zero Drift%	0.0%	0.1%	0.0%
Span Ref Cyl	11.250	10.960	228.10
Span Cal	11.250	10.970	228.25
Span Avg	11.164	10.879	205.31
Span Bias%	0.3%	0.5%	4.6%
Span Drift%	0.1%	0.3%	-0.3%

Ini Zero Avg	0.097	0.147	4.69
Ini Span Avg	11.144	10.825	206.80
Run Avg	10.284	9.428	49.16
Co	0.098	0.154	4.67
Cm	11.154	10.852	206.05
Correct Avg	10.365	9.501	50.40
System Bias Check End			

**APPENDIX C**

**Source CEMS Data Printouts**

**O<sub>2</sub>, CO<sub>2</sub>, SO<sub>2</sub>, NO<sub>x</sub>, and CO**

Begin Väst /

# Data Summary Report

Company: Covanta Lee, Inc.  
10500 Euchingham Road  
Fort Myers, FL 33905



Lee County Solid Waste  
Resource Recovery Facility

Data Group: U1\_1 MIN DATA  
Report Name: No Title  
Start of Report: 06/20/2001 09:05:00  
End of Report: 06/20/2001 09:34:00

126W 1

Validation: Valid Data Only

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C28	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-R
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-4000
06/20/2001 09:05:00	10.1	9.7	30	30	30
06/20/2001 09:06:00	10.2	9.6	30	29	29
06/20/2001 09:07:00	10.2	9.5	31	23	23
06/20/2001 09:08:00	9.4	10.2	34	21	21
06/20/2001 09:09:00	9.2	10.4	39	18	18
06/20/2001 09:10:00	9.7	10.0	43	17	19
06/20/2001 09:11:00	10.2	9.5	43	18	19
06/20/2001 09:12:00	9.2	10.4	43	23	23
06/20/2001 09:13:00	8.4	11.1	44	21	21
06/20/2001 09:14:00	8.8	10.8	45	21	20
06/20/2001 09:15:00	9.1	10.5	49	15	15
06/20/2001 09:16:00	9.6	10.0	53	14	14
06/20/2001 09:17:00	9.4	10.2	56	18	18
06/20/2001 09:18:00	9.4	10.2	54	23	23
06/20/2001 09:19:00	9.4	10.3	56	22	21
06/20/2001 09:20:00	9.6	10.0	55	20	20
06/20/2001 09:21:00	10.0	9.7	55	19	19
06/20/2001 09:22:00	9.3	10.3	59	24	24
06/20/2001 09:23:00	9.4	10.2	59	18	18
06/20/2001 09:24:00	10.0	9.7	60	18	19
06/20/2001 09:25:00	10.2	9.5	62	21	22
06/20/2001 09:26:00	8.9	10.3	61	25	25
06/20/2001 09:27:00	8.9	10.7	64	19	20
06/20/2001 09:28:00	9.4	10.2	66	17	17
06/20/2001 09:29:00	9.9	9.8	72	18	19
06/20/2001 09:30:00	10.5	9.3	72	21	21
06/20/2001 09:31:00	9.6	10.0	79	32	32
06/20/2001 09:32:00	9.7	10.0	78	24	22
06/20/2001 09:33:00	9.1	10.5	74	22	22
06/20/2001 09:34:00	9.6	10.1	86	23	25
Period Average =	9.5	10.1	55	21	21
Period Max Value =	10.5	11.1	86	32	32
Period Min Value =	8.4	9.3	30	14	14
Period Totals =	2.3640E+2	3.0320E+2	1.6520E+3	6.3400E+2	6.3900E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Stk RATA  
 Start of Report: 06/20/2001 09:05:00  
 End of Report: 06/20/2001 09:34:00

Validation: Valid Data Only

Group#-Channel#	G63-C1	G63-C2	G63-C18	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000
06/20/2001 09:05:00	10.4	9.5	0	176	29
06/20/2001 09:06:00	10.5	9.4	0	159	28
06/20/2001 09:07:00	10.6	9.3	0	166	24
06/20/2001 09:08:00	10.3	9.5	0	170	21
06/20/2001 09:09:00	9.8	9.8	0	192	19
06/20/2001 09:10:00	10.0	9.7	0	201	18
06/20/2001 09:11:00	10.6	9.3	0	181	19
06/20/2001 09:12:00	10.4	9.4	0	155	24
06/20/2001 09:13:00	9.6	10.1	0	180	22
06/20/2001 09:14:00	9.3	10.4	0	198	20
06/20/2001 09:15:00	9.6	10.2	0	198	16
06/20/2001 09:16:00	10.0	9.7	0	180	13
06/20/2001 09:17:00	10.1	9.7	0	163	18
06/20/2001 09:18:00	10.2	9.6	0	162	22
06/20/2001 09:19:00	10.0	9.8	0	172	20
06/20/2001 09:20:00	10.2	9.6	0	175	18
06/20/2001 09:21:00	10.8	9.0	0	157	19
06/20/2001 09:22:00	10.2	9.6	0	151	23
06/20/2001 09:23:00	10.0	9.7	0	193	18
06/20/2001 09:24:00	10.4	9.4	0	183	17
06/20/2001 09:25:00	10.7	9.2	0	164	20
06/20/2001 09:26:00	10.3	9.5	0	138	25
06/20/2001 09:27:00	9.4	10.3	0	178	19
06/20/2001 09:28:00	9.8	10.0	0	188	15
06/20/2001 09:29:00	10.3	9.6	0	172	18
06/20/2001 09:30:00	11.0	8.9	0	125	22
06/20/2001 09:31:00	10.9	9.0	0	100	35
06/20/2001 09:32:00	10.4	9.5	0	140	25
06/20/2001 09:33:00	10.1	9.7	0	163	23
06/20/2001 09:34:00	10.2	9.7	0	187	23
Period Average =	10.2	9.6	0	169	21
Period Max Value =	11.0	10.4	0	201	35
Period Min Value =	9.3	8.9	0	100	13
Period Totals =	3.0610E+2	2.8910E+2	0.0000E+0	5.0670E+3	5.3400E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility

Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Econ RATA  
 Start of Report: 06/20/2001 09:53:00  
 End of Report: 06/20/2001 10:22:00

*Run 2*

Validation: Valid Data Only

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C28	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-1000
06/20/2001 09:53:00	9.3	10.3	67	17	18
06/20/2001 09:54:00	9.8	9.8	68	19	19
06/20/2001 09:55:00	9.7	10.0	65	22	22
06/20/2001 09:58:00	10.5<	9.3<	65<	26<	29<
06/20/2001 09:59:00	10.5	9.3	67	28	29
06/20/2001 10:00:00	10.3	9.4	71	25	25
06/20/2001 10:01:00	10.3	9.5	70	28	29
06/20/2001 10:02:00	9.9	9.8	67	28	28
06/20/2001 10:03:00	9.9	9.9	68	24	24
06/20/2001 10:04:00	9.4	10.3	65	21	21
06/20/2001 10:05:00	9.5	10.2	63	17	16
06/20/2001 10:06:00	10.3	9.5	62	17	17
06/20/2001 10:07:00	10.2	9.5	61	21	21
06/20/2001 10:08:00	10.3	9.4	63	24	25
06/20/2001 10:09:00	10.4	9.3	64	24	24
06/20/2001 10:10:00	10.1	9.7	58	26	26
06/20/2001 10:11:00	9.8	9.9	56	21	21
06/20/2001 10:12:00	9.8	9.8	56	18	16
06/20/2001 10:13:00	9.8	9.9	56	18	18
06/20/2001 10:14:00	9.4	10.3	59	19	19
06/20/2001 10:15:00	9.8	9.9	61	19	19
06/20/2001 10:16:00	10.4	9.4	66	23	24
06/20/2001 10:17:00	11.0	8.8	59	27	27
06/20/2001 10:18:00	10.9	9.0	58	33	33
06/20/2001 10:19:00	11.0	8.9	56	29	29
06/20/2001 10:20:00	10.3	9.6	52	30	30
06/20/2001 10:21:00	10.4	9.4	49	25	25
06/20/2001 10:22:00	9.6	9.9	49	21	21
<b>Period Average =</b>	10.1	9.6	61	23	23
<b>Period Max Value =</b>	11.0	10.3	71	33	33
<b>Period Min Value =</b>	9.3	8.8	49	17	16
<b>Period Totals =</b>	2.8230E+2	2.7000E+2	1.7210E+3	6.5200E+2	6.5300E+2
<b>Period % Recovery =</b>	96.6	96.6	96.6	96.6	96.6

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Stk RATA  
 Start of Report: 06/20/2001 09:53:00  
 End of Report: 06/20/2001 10:22:00

Validation: Valid Data Only

Group#-Channel#	G63-C1	G63-C2	G63-C18	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000
06/20/2001 09:53:00	10.0	9.7	0	193	18
06/20/2001 09:54:00	10.3	9.5	0	172	20
06/20/2001 09:55:00	10.3	9.4	0	136	24
06/20/2001 09:56:00	10.1	9.5	0	142	23
06/20/2001 09:57:00	9.4	10.2	0	176	19
06/20/2001 09:58:00	10.3	9.5	0	167	21
06/20/2001 09:59:00	10.8	9.1	0	121	26
06/20/2001 10:00:00	10.9	9.0	0	117	24
06/20/2001 10:01:00	10.7	9.2	0	125	26
06/20/2001 10:02:00	10.6	9.3	0	136	27
06/20/2001 10:03:00	10.5	9.3	0	155	24
06/20/2001 10:04:00	9.9	9.9	0	177	20
06/20/2001 10:05:00	9.7	10.0	0	204	16
06/20/2001 10:06:00	10.2	9.6	0	196	16
06/20/2001 10:07:00	10.6	9.3	0	165	19
06/20/2001 10:08:00	10.7	9.2	0	138	22
06/20/2001 10:09:00	10.8	9.1	0	128	22
06/20/2001 10:10:00	10.6	9.2	0	132	24
06/20/2001 10:11:00	10.4	9.4	0	154	21
06/20/2001 10:12:00	10.1	9.6	0	180	17
06/20/2001 10:13:00	10.1	9.7	0	189	15
06/20/2001 10:14:00	9.6	10.1	0	183	18
06/20/2001 10:15:00	9.6	10.1	0	187	17
06/20/2001 10:16:00	9.9	9.9	0	183	19
06/20/2001 10:17:00	10.9	9.1	0	168	22
06/20/2001 10:18:00	11.0	9.0	0	112	28
06/20/2001 10:19:00	11.1	8.9	0	113	27
06/20/2001 10:20:00	11.0	9.0	0	111	28
06/20/2001 10:21:00	10.5	9.4	0	162	23
06/20/2001 10:22:00	10.3	9.5	0	177	20
Period Average =	10.4	9.5	0	157	22
Period Max Value =	11.1	10.2	0	204	28
Period Min Value =	9.4	8.9	0	111	15
Period Totals =	3.1090E+2	2.8370E+2	0.0000E+0	4.6990E+3	6.4600E+1
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility

*Run 3*



Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Stk RATA  
 Start of Report: 06/20/2001 10:35:00  
 End of Report: 06/20/2001 11:04:00

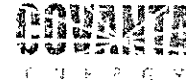
Validation: Valid Data Only

Group#-Channel#	G63-C1	G63-C2	G63-C18	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000
06/20/2001 10:35:00	9.9	9.3	0	181	19
06/20/2001 10:36:00	9.9	9.8	0	200	16
06/20/2001 10:37:00	9.6	10.1	0	208	20
06/20/2001 10:38:00	9.6	10.1	0	208	20
06/20/2001 10:39:00	10.5	9.4	0	174	23
06/20/2001 10:40:00	10.5	9.3	0	146	25
06/20/2001 10:41:00	10.4	9.4	0	152	26
06/20/2001 10:42:00	10.5	9.3	0	136	29
06/20/2001 10:43:00	9.9	9.8	0	152	29
06/20/2001 10:44:00	10.3	9.5	0	160	24
06/20/2001 10:45:00	10.1	9.5	0	167	24
06/20/2001 10:46:00	10.3	9.4	0	176	25
06/20/2001 10:47:00	10.3	9.3	0	172	29
06/20/2001 10:48:00	10.6	9.1	0	166	27
06/20/2001 10:49:00	10.8	9.0	0	142	23
06/20/2001 10:50:00	10.6	9.1	0	136	23
06/20/2001 10:51:00	10.7	9.0	0	142	27
06/20/2001 10:52:00	9.7	9.8	0	160	25
06/20/2001 10:53:00	9.4	10.0	0	191	16
06/20/2001 10:54:00	9.4	10.0	0	205	18
06/20/2001 10:55:00	10.5	9.1	0	182	20
06/20/2001 10:56:00	10.8	8.8	0	138	19
06/20/2001 10:57:00	11.1	8.6	0	119	24
06/20/2001 10:58:00	10.8	8.9	0	135	23
06/20/2001 10:59:00	10.3	9.3	0	135	25
06/20/2001 11:00:00	10.0	9.6	0	185	20
06/20/2001 11:01:00	10.2	9.4	0	183	19
06/20/2001 11:02:00	10.0	9.6	0	194	20
06/20/2001 11:03:00	10.2	9.5	0	184	17
06/20/2001 11:04:00	10.1	9.6	0	171	18
Period Average =	10.2	9.4	0	167	22
Period Max Value =	11.1	10.1	0	208	29
Period Min Value =	9.4	8.6	0	119	16
Period Totals =	2.0700E+2	2.8310E+2	0.0000E+0	4.9990E+3	8.7200E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0



# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility

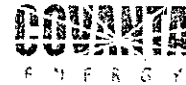
Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Econ RATA  
 Start of Report: 06/20/2001 10:35:00  
 End of Report: 06/20/2001 11:04:00

Validation: Valid Data Only

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C28	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-1000
06/20/2001 10:35:00	9.6	10.0	62	18	18
06/20/2001 10:36:00	9.6	10.1	66	17	18
06/20/2001 10:37:00	8.9	10.7	71	20	20
06/20/2001 10:38:00	9.8	9.8	79	21	23
06/20/2001 10:39:00	10.3	9.4	71	28	28
06/20/2001 10:40:00	10.2	9.5	69	29	30
06/20/2001 10:41:00	10.3	9.5	67	30	30
06/20/2001 10:42:00	9.9	9.8	64	33	33
06/20/2001 10:43:00	9.9	9.7	68	34	34
06/20/2001 10:44:00	10.0	9.6	65	27	27
06/20/2001 10:45:00	9.7	9.9	66	26	26
06/20/2001 10:46:00	9.8	9.8	68	28	28
06/20/2001 10:47:00	9.9	9.7	72	30	30
06/20/2001 10:48:00	10.3	9.2	72	29	29
06/20/2001 10:49:00	10.4	9.2	68	24	24
06/20/2001 10:50:00	10.5	9.1	71	25	25
06/20/2001 10:51:00	10.0	9.5	68	31	32
06/20/2001 10:52:00	9.1	10.2	68	26	26
06/20/2001 10:53:00	8.8	10.4	71	16	16
06/20/2001 10:54:00	9.2	10.1	78	21	21
06/20/2001 10:55:00	10.3	9.2	67	22	22
06/20/2001 10:58:00	9.7<	9.7<	62<	20<	20<
06/20/2001 10:59:00	9.3	10.1	62	23	24
06/20/2001 11:00:00	9.8	9.7	64	20	20
06/20/2001 11:01:00	9.6	9.9	57	18	18
06/20/2001 11:02:00	9.4	10.1	54	21	21
06/20/2001 11:03:00	9.8	9.7	50	18	19
06/20/2001 11:04:00	9.4	10.1	50	19	19
Period Average =	9.8	9.6	66	24	24
Period Max Value =	10.5	10.7	79	34	34
Period Min Value =	8.8	9.1	50	16	16
Period Totals =	2.7350E+2	2.7370E+2	1.8500E+3	6.7400E+2	6.8100E+2
Period % Recovery =	96.6	96.6	96.6	96.6	96.6

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



*Run 4*

Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Stk RATA  
 Start of Report: 06/20/2001 11:16:00  
 End of Report: 06/20/2001 11:45:00

Validation: Valid Data Only

Group#-Channel#	G63-C1	G63-C2	G63-C18	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000
06/20/2001 11:16:00	9.3	10.4	0	207	19
06/20/2001 11:17:00	10.0	9.7	0	203	15
06/20/2001 11:18:00	10.9	9.0	0	161	17
06/20/2001 11:19:00	11.3	6.7	0	106	20
06/20/2001 11:20:00	10.7	9.1	0	119	23
06/20/2001 11:21:00	10.3	9.5	0	146	22
06/20/2001 11:22:00	9.6	10.2	0	189	17
06/20/2001 11:23:00	10.3	9.6	0	185	16
06/20/2001 11:24:00	10.4	9.4	0	156	19
06/20/2001 11:25:00	9.5	10.2	0	194	18
06/20/2001 11:26:00	9.9	9.9	0	187	15
06/20/2001 11:27:00	10.5	9.4	0	171	15
06/20/2001 11:28:00	11.2	8.7	0	110	16
06/20/2001 11:29:00	11.0	8.9	0	111	20
06/20/2001 11:30:00	11.0	8.9	0	118	20
06/20/2001 11:31:00	10.9	9.0	0	146	21
06/20/2001 11:32:00	11.6	8.4	0	132	22
06/20/2001 11:33:00	10.7	9.2	0	143	29
06/20/2001 11:34:00	10.2	9.6	0	175	29
06/20/2001 11:35:00	10.6	9.4	0	200	22
06/20/2001 11:36:00	10.4	9.4	0	179	28
06/20/2001 11:37:00	10.3	9.6	0	185	21
06/20/2001 11:38:00	10.5	9.4	0	172	23
06/20/2001 11:39:00	10.2	9.6	0	175	25
06/20/2001 11:40:00	10.6	9.3	0	167	19
06/20/2001 11:41:00	10.9	9.1	0	126	26
06/20/2001 11:42:00	10.6	9.3	0	151	23
06/20/2001 11:43:00	10.7	9.1	0	135	23
06/20/2001 11:44:00	9.9	9.8	0	158	23
06/20/2001 11:45:00	9.4	10.3	0	181	17
Period Average =	10.4	9.4	0	160	21
Period Max Value =	11.6	10.4	0	207	29
Period Min Value =	9.3	8.4	0	106	15
Period Totals =	3.1340E+2	2.8210E+2	0.0000E+0	4.7860E+3	6.2200E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility

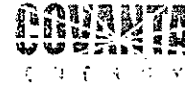
Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Econ RATA  
 Start of Report: 06/20/2001 11:16:00  
 End of Report: 06/20/2001 11:45:00

Validation: Valid Data Only

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C28	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-4000
06/20/2001 11:16:00	9.1	10.5	45	19	19
06/20/2001 11:17:00	9.9	9.8	40	15	15
06/20/2001 11:18:00	10.8	9.0	41	17	17
06/20/2001 11:19:00	10.5	9.2	40	19	19
06/20/2001 11:20:00	10.1	9.6	42	22	23
06/20/2001 11:21:00	9.4	10.3	40	22	22
06/20/2001 11:22:00	9.3	10.4	40	18	18
06/20/2001 11:23:00	10.3	9.5	39	16	17
06/20/2001 11:24:00	9.2	10.4	38	18	18
06/20/2001 11:25:00	9.3	10.4	41	18	18
06/20/2001 11:26:00	9.8	9.9	41	16	16
06/20/2001 11:27:00	10.6	9.2	40	16	18
06/20/2001 11:28:00	10.7	9.1	40	18	18
06/20/2001 11:29:00	10.5	9.3	41	20	20
06/20/2001 11:30:00	10.2	9.6	38	18	18
06/20/2001 11:31:00	10.8	9.0	40	21	21
06/20/2001 11:32:00	10.8	9.0	33	22	22
06/20/2001 11:33:00	9.8	10.0	31	29	29
06/20/2001 11:34:00	9.7	10.1	31	29	29
06/20/2001 11:35:00	10.3	9.5	31	21	21
06/20/2001 11:36:00	9.6	10.1	30	28	28
06/20/2001 11:37:00	10.0	9.7	29	22	22
06/20/2001 11:38:00	9.9	9.9	29	23	23
06/20/2001 11:39:00	9.8	9.9	31	26	26
06/20/2001 11:40:00	10.4	9.4	32	20	20
06/20/2001 11:41:00	9.9	9.8	30	25	27
06/20/2001 11:42:00	10.5	9.3	29	24	24
06/20/2001 11:43:00	9.7	10.0	29	24	24
06/20/2001 11:44:00	9.1	10.5	27	21	21
06/20/2001 11:45:00	9.5	10.1	30	17	17
Period Average =	10.0	9.8	36	21	21
Period Max Value =	10.8	10.5	45	29	29
Period Min Value =	9.1	9.0	27	15	15
Period Totals =	2.9950E+2	2.9250E+2	1.0680E+3	6.2400E+2	6.3000E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Econ RATA  
 Start of Report: 06/20/2001 11:59:00  
 End of Report: 06/20/2001 12:58:00

*Run 5*

Validation: Valid Data Only

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C2S	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-4000
06/20/2001 11:59:00	10.2	9.5	65	18	19
06/20/2001 12:00:00	10.1	9.6	66	22	22
06/20/2001 12:01:00	9.8	9.9	64	23	23
06/20/2001 12:02:00	9.3	10.3	68	18	19
06/20/2001 12:03:00	10.0	9.7	64	17	17
06/20/2001 12:04:00	9.6	10.0	63	20	20
06/20/2001 12:05:00	9.5	10.1	60	17	18
06/20/2001 12:06:00	9.9	9.6	57	18	18
06/20/2001 12:07:00	9.9	9.7	54	18	19
06/20/2001 12:08:00	10.5	9.2	53	21	21
06/20/2001 12:09:00	10.6	9.1	53	30	30
06/20/2001 12:10:00	10.3	9.4	50	29	29
06/20/2001 12:11:00	9.8	9.8	46	24	25
06/20/2001 12:12:00	9.5	10.0	41	21	21
06/20/2001 12:13:00	9.8	9.8	43	18	18
06/20/2001 12:14:00	10.2	9.5	45	18	19
06/20/2001 12:15:00	10.5	9.2	43	24	24
06/20/2001 12:16:00	10.1	9.6	39	24	24
06/20/2001 12:17:00	9.5	10.1	37	23	23
06/20/2001 12:18:00	9.6	10.0	37	20	20
06/20/2001 12:19:00	9.9	9.7	37	19	19
06/20/2001 12:20:00	10.4	9.2	37	20	20
06/20/2001 12:21:00	10.4	9.3	40	21	21
06/20/2001 12:22:00	10.1	9.6	39	22	22
06/20/2001 12:23:00	10.4	9.3	38	20	20
06/20/2001 12:24:00	9.7	9.8	40	21	21
06/20/2001 12:25:00	10.1	9.5	42	18	18
06/20/2001 12:26:00	11.3	8.4	42	17	19
06/20/2001 12:27:00	11.7	8.1	39	24	24
06/20/2001 12:28:00	11.1	8.6	41	27	27
06/20/2001 12:29:00	10.4	9.2	37	23	24
06/20/2001 12:30:00	10.7	9.0	37	23	23
06/20/2001 12:31:00	10.6	9.0	34	22	23
06/20/2001 12:32:00	11.1	8.6	33	26	26
06/20/2001 12:33:00	9.5	10.1	29	24	24
06/20/2001 12:34:00	10.5	9.1	36	15	16
06/20/2001 12:35:00	11.0	8.7	37	17	18
06/20/2001 12:36:00	12.0	7.9	33	26	26

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C28	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-R
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-1000
06/20/2001 12:37:00	10.9	8.8	31	25	25
06/20/2001 12:38:00	11.1	8.6	34	21	21
06/20/2001 12:39:00	11.1	8.8	30	24	24
06/20/2001 12:40:00	9.9	9.7	30	24	24
06/20/2001 12:41:00	10.8	8.9	33	17	17
06/20/2001 12:42:00	12.0	7.9	36	32	22
06/20/2001 12:43:00	10.8	9.0	33	30	30
06/20/2001 12:44:00	10.8	8.9	30	23	22
06/20/2001 12:45:00	11.6	8.3	31	21	21
06/20/2001 12:46:00	11.2	8.6	30	34	34
06/20/2001 12:47:00	10.7	9.1	31	27	27
06/20/2001 12:48:00	10.7	9.0	31	23	23
06/20/2001 12:49:00	11.0	8.7	32	22	22
06/20/2001 12:50:00	11.4	8.5	31	25	25
06/20/2001 12:51:00	10.8	9.0	29	28	28
06/20/2001 12:52:00	10.7	9.0	29	29	27
06/20/2001 12:53:00	11.3	8.5	29	26	26
06/20/2001 12:54:00	11.3	8.5	28	32	30
06/20/2001 12:55:00	10.4	9.3	28	26	26
06/20/2001 12:58:00	8.8<	10.8<	22<	30<	30<
Period Average =	10.5	9.2	40	23	23
Period Max Value =	12.0	10.8	68	34	34
Period Min Value =	8.8	7.9	22	15	16
Period Totals =	6.0690E+2	5.3510E+2	2.3270E+3	1.3190E+3	1.3260E+3
Period % Recovery =	98.3	98.3	98.3	98.3	98.3

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Stk RATA  
 Start of Report: 06/20/2001 11:59:00  
 End of Report: 06/20/2001 12:58:00

*Run 5*

Validation: Valid Data Only

Group#-Channel#	G63-C1	G63-C2	G63-C18	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000
06/20/2001 11:59:00	10.5	9.3	0	179	19
06/20/2001 12:00:00	10.6	9.2	0	166	20
06/20/2001 12:01:00	10.6	9.2	0	134	23
06/20/2001 12:02:00	10.1	9.6	0	158	19
06/20/2001 12:03:00	10.3	9.5	0	186	17
06/20/2001 12:04:00	10.3	9.5	0	164	20
06/20/2001 12:05:00	10.2	9.6	0	162	18
06/20/2001 12:06:00	10.3	9.5	0	169	17
06/20/2001 12:07:00	10.2	9.4	0	153	16
06/20/2001 12:08:00	10.5	9.3	0	138	20
06/20/2001 12:09:00	11.0	8.8	0	97	23
06/20/2001 12:10:00	10.8	9.0	0	102	29
06/20/2001 12:11:00	10.5	9.2	0	139	24
06/20/2001 12:12:00	10.0	9.7	0	173	20
06/20/2001 12:13:00	10.0	9.7	0	195	17
06/20/2001 12:14:00	10.2	9.5	0	194	18
06/20/2001 12:15:00	10.7	9.2	0	169	22
06/20/2001 12:16:00	10.6	9.2	0	148	24
06/20/2001 12:17:00	10.0	9.6	0	180	22
06/20/2001 12:18:00	9.8	9.9	0	205	18
06/20/2001 12:19:00	9.6	9.9	0	208	17
06/20/2001 12:20:00	10.2	9.4	0	199	18
06/20/2001 12:21:00	10.4	9.3	0	167	19
06/20/2001 12:22:00	10.4	9.3	0	175	21
06/20/2001 12:23:00	10.4	9.4	0	189	19
06/20/2001 12:24:00	10.1	9.6	0	179	21
06/20/2001 12:25:00	9.8	9.8	0	204	16
06/20/2001 12:26:00	10.5	9.2	0	182	15
06/20/2001 12:27:00	11.6	8.2	0	118	21
06/20/2001 12:28:00	11.3	8.5	0	88	25
06/20/2001 12:29:00	11.4	8.5	0	107	23
06/20/2001 12:30:00	10.9	8.9	0	163	21
06/20/2001 12:31:00	11.2	8.6	0	148	23
06/20/2001 12:32:00	11.3	8.5	0	159	25
06/20/2001 12:33:00	10.5	9.2	0	162	24
06/20/2001 12:34:00	9.7	9.9	0	227	12
06/20/2001 12:35:00	10.6	9.1	0	178	13
06/20/2001 12:36:00	11.8	8.1	0	121	18

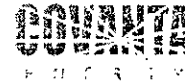
Group#-Channel#	G63-C1	G63-C2	G63-C13	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000

06/20/2001 12:37:00	11.7	8.2	0	76	26
06/20/2001 12:38:00	11.1	8.7	0	150	20
06/20/2001 12:39:00	11.8	8.2	0	127	23
06/20/2001 12:40:00	10.6	9.3	0	169	23
06/20/2001 12:41:00	10.6	9.2	0	221	13
06/20/2001 12:42:00	11.7	8.2	0	181	18
06/20/2001 12:43:00	11.6	8.4	0	114	27
06/20/2001 12:44:00	11.0	8.9	0	159	21
06/20/2001 12:45:00	11.1	8.8	0	165	17
06/20/2001 12:46:00	11.6	8.3	0	118	26
06/20/2001 12:47:00	11.2	8.7	0	133	26
06/20/2001 12:48:00	10.7	9.2	0	173	22
06/20/2001 12:49:00	11.0	8.9	0	178	20
06/20/2001 12:50:00	11.4	8.5	0	158	22
06/20/2001 12:51:00	11.6	8.3	0	136	27
06/20/2001 12:52:00	10.9	8.9	0	171	26
06/20/2001 12:53:00	11.3	8.6	0	168	23
06/20/2001 12:54:00	11.6	8.3	0	160	26
06/20/2001 12:55:00	11.3	8.6	0	149	26
06/20/2001 12:56:00	10.4	9.2	0	189	21
06/20/2001 12:57:00	11.0	8.8	0	204	21
06/20/2001 12:58:00	11.3	8.6	0	165	29

Period Average =	10.8	9.0	0	161	21
Period Max Value =	11.8	9.9	0	227	29
Period Min Value =	9.6	8.1	0	76	12
Period Totals =	6.4540E+2	5.4210E+2	0.0000E+0	9.6670E+3	1.2760E+3
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



*Run 6*

Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Econ RATA  
 Start of Report: 06/20/2001 13:12:00  
 End of Report: 06/20/2001 13:41:00

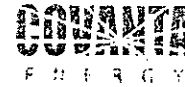
Validation: Valid Data Only

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C28	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-4000
06/20/2001 13:12:00	10.6	9.1	27	34	34
06/20/2001 13:13:00	10.7	9.0	33	37	37
06/20/2001 13:14:00	11.0	8.8	31	29	31
06/20/2001 13:15:00	11.0	8.7	34	29	29
06/20/2001 13:16:00	11.2	8.6	40	26	26
06/20/2001 13:17:00	10.7	9.0	44	23	23
06/20/2001 13:18:00	11.0	8.7	46	29	29
06/20/2001 13:19:00	10.7	9.0	46	30	31
06/20/2001 13:20:00	10.7	9.0	44	25	23
06/20/2001 13:21:00	9.8	9.7	39	25	23
06/20/2001 13:22:00	9.7	9.8	41	17	17
06/20/2001 13:23:00	10.7	9.0	41	14	15
06/20/2001 13:24:00	9.8	9.7	46	16	16
06/20/2001 13:25:00	10.9	8.8	47	17	17
06/20/2001 13:26:00	11.3	8.5	48	22	22
06/20/2001 13:27:00	11.1	8.6	47	31	31
06/20/2001 13:28:00	11.1	8.7	44	27	27
06/20/2001 13:29:00	11.0	8.8	44	24	24
06/20/2001 13:30:00	10.8	9.0	44	22	23
06/20/2001 13:31:00	11.1	8.7	44	23	23
06/20/2001 13:32:00	10.5	9.2	40	25	25
06/20/2001 13:33:00	10.3	9.4	38	24	24
06/20/2001 13:34:00	10.4	9.3	37	20	20
06/20/2001 13:35:00	10.2	9.6	36	21	19
06/20/2001 13:36:00	10.0	9.7	36	23	22
06/20/2001 13:37:00	9.8	9.8	34	16	16
06/20/2001 13:38:00	10.4	9.3	34	15	16
06/20/2001 13:39:00	10.1	9.6	35	17	17
06/20/2001 13:40:00	9.7	10.0	35	20	20
06/20/2001 13:41:00	9.6	10.0	37	20	20
Period Average =	10.5	9.2	40	23	24
Period Max Value =	11.3	10.0	48	37	37
Period Min Value =	9.6	8.5	27	14	13
Period Totals =	3.1590E+2	2.7510E+2	1.1920E+3	7.0300E+2	7.0600E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0



# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



*Run 6*

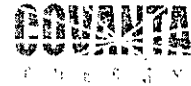
Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Stk RATA  
 Start of Report: 06/20/2001 13:12:00  
 End of Report: 06/20/2001 13:41:00

Validation: Valid Data Only

Group#-Channel#	G63-C1	G63-C2	G63-C18	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000
06/20/2001 13:12:00	11.6	8.3	0	148	34
06/20/2001 13:13:00	10.9	8.9	0	182	35
06/20/2001 13:14:00	11.4	8.5	0	171	29
06/20/2001 13:15:00	11.4	8.5	0	176	28
06/20/2001 13:16:00	11.3	8.6	0	177	25
06/20/2001 13:17:00	11.4	8.5	0	174	22
06/20/2001 13:18:00	10.9	8.8	0	181	26
06/20/2001 13:19:00	11.0	8.8	0	177	28
06/20/2001 13:20:00	11.1	8.8	0	173	23
06/20/2001 13:21:00	10.5	9.2	0	174	24
06/20/2001 13:22:00	10.0	9.6	0	216	18
06/20/2001 13:23:00	10.6	9.1	0	221	13
06/20/2001 13:24:00	10.5	9.2	0	179	16
06/20/2001 13:25:00	10.8	9.0	0	176	15
06/20/2001 13:26:00	11.4	8.5	0	123	19
06/20/2001 13:27:00	11.2	8.6	0	106	27
06/20/2001 13:28:00	11.3	8.6	0	133	25
06/20/2001 13:29:00	11.1	8.7	0	136	21
06/20/2001 13:30:00	11.0	8.8	0	145	20
06/20/2001 13:31:00	11.1	8.7	0	165	20
06/20/2001 13:32:00	11.4	8.5	0	155	25
06/20/2001 13:33:00	10.8	9.0	0	161	23
06/20/2001 13:34:00	10.7	9.0	0	164	19
06/20/2001 13:35:00	10.7	9.1	0	164	19
06/20/2001 13:36:00	10.5	9.2	0	184	21
06/20/2001 13:37:00	10.3	9.4	0	191	17
06/20/2001 13:38:00	10.3	9.4	0	209	14
06/20/2001 13:39:00	10.6	9.2	0	194	15
06/20/2001 13:40:00	10.4	9.4	0	180	19
06/20/2001 13:41:00	9.9	9.7	0	208	18
Period Average =	10.9	8.9	0	171	22
Period Max Value =	11.6	9.7	0	221	35
Period Min Value =	9.9	8.2	0	106	13
Period Totals =	3.2610E+2	2.8760E+2	0.0000E+0	5.1410E+3	6.5800E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Stk RATA  
 Start of Report: 06/20/2001 13:55:00  
 End of Report: 06/20/2001 14:24:00

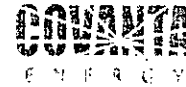
*Run 7*

Validation: Valid Data Only

Group#-Channel#	G63-C1	G63-C2	G63-C18	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000
06/20/2001 13:55:00	10.2	9.4	0	173	18
06/20/2001 13:56:00	10.3	9.3	0	163	16
06/20/2001 13:57:00	10.1	9.5	0	169	15
06/20/2001 13:58:00	9.9	9.7	0	177	16
06/20/2001 13:59:00	10.0	9.6	0	199	13
06/20/2001 14:00:00	10.3	9.4	0	185	13
06/20/2001 14:01:00	10.6	9.1	0	134	16
06/20/2001 14:02:00	10.5	9.2	0	168	13
06/20/2001 14:03:00	10.9	8.9	0	118	18
06/20/2001 14:04:00	9.8	9.8	0	172	15
06/20/2001 14:05:00	10.2	9.6	0	194	14
06/20/2001 14:06:00	11.0	8.9	0	133	20
06/20/2001 14:07:00	10.4	9.4	0	114	25
06/20/2001 14:08:00	10.1	9.6	0	142	21
06/20/2001 14:09:00	10.2	9.5	0	156	19
06/20/2001 14:10:00	10.3	9.5	0	164	20
06/20/2001 14:11:00	10.6	9.3	0	143	18
06/20/2001 14:12:00	11.2	8.7	0	133	17
06/20/2001 14:13:00	11.4	8.5	0	89	25
06/20/2001 14:14:00	10.4	9.4	0	150	21
06/20/2001 14:15:00	10.1	9.6	0	192	15
06/20/2001 14:16:00	10.0	9.7	0	219	14
06/20/2001 14:17:00	9.9	9.7	0	241	11
06/20/2001 14:18:00	10.8	9.0	0	157	15
06/20/2001 14:19:00	10.7	9.1	0	131	20
06/20/2001 14:20:00	11.1	8.8	0	119	23
06/20/2001 14:21:00	11.2	8.6	0	103	24
06/20/2001 14:22:00	10.7	9.1	0	124	22
06/20/2001 14:23:00	10.4	9.4	0	168	19
06/20/2001 14:24:00	10.8	9.1	0	198	19
Period Average =	10.5	9.3	0	158	18
Period Max Value =	11.4	9.8	0	241	25
Period Min Value =	9.8	8.5	0	89	13
Period Totals =	3.1410E+2	2.7940E+2	0.0000E+0	4.7480E+3	5.1900E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



*Run 7*

Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Econ RATA  
 Start of Report: 06/20/2001 13:55:00  
 End of Report: 06/20/2001 14:24:00

Validation: Valid Data Only

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C23	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-4000
06/20/2001 13:55:00	9.5	10.0	35	18	20
06/20/2001 13:58:00	9.6<	9.9<	34<	18<	18<
06/20/2001 13:59:00	9.9	9.7	33	14	14
06/20/2001 14:00:00	10.5	9.1	32	16	16
06/20/2001 14:01:00	9.8	9.7	30	18	18
06/20/2001 14:02:00	10.6	9.0	34	15	15
06/20/2001 14:03:00	9.7	9.9	34	19	20
06/20/2001 14:04:00	9.3	10.2	36	17	17
06/20/2001 14:05:00	10.4	9.3	44	17	17
06/20/2001 14:06:00	10.7	9.1	48	22	23
06/20/2001 14:07:00	9.8	9.8	50	29	29
06/20/2001 14:08:00	10.2	9.5	53	25	23
06/20/2001 14:09:00	10.2	9.5	56	23	23
06/20/2001 14:10:00	10.5	9.2	60	24	24
06/20/2001 14:11:00	10.6	9.2	59	22	22
06/20/2001 14:12:00	11.4	8.4	61	20	20
06/20/2001 14:13:00	10.4	9.4	62	28	28
06/20/2001 14:14:00	10.0	9.6	62	20	20
06/20/2001 14:15:00	9.6	9.9	62	16	16
06/20/2001 14:16:00	9.2	10.4	62	15	15
06/20/2001 14:17:00	10.2	9.4	62	16	16
06/20/2001 14:18:00	10.6	9.1	63	16	16
06/20/2001 14:19:00	10.8	8.9	69	25	25
06/20/2001 14:20:00	11.1	8.7	65	27	27
06/20/2001 14:21:00	11.1	8.7	71	27	27
06/20/2001 14:22:00	9.6	10.1	63	23	23
06/20/2001 14:23:00	10.0	9.6	66	16	16
06/20/2001 14:24:00	10.4	9.2	70	20	20
<hr/>					
Period Average =	10.2	9.4	53	20	21
Period Max Value =	11.4	10.4	71	29	29
Period Min Value =	9.2	8.4	30	14	14
Period Totals =	2.3570E+2	2.6450E+2	1.4760E+3	5.6200E+2	5.7400E+2
Period % Recovery =	96.6	96.6	96.6	96.6	96.6

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



*Run 8*

Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Econ DATA  
 Start of Report: 06/21/2001 08:56:00  
 End of Report: 06/21/2001 09:55:59

Validation: Valid Data Only

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C28	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-4000
06/21/2001 08:58:00	10.5<	9.2<	55<	32<	32<
06/21/2001 08:59:00	9.2	10.4	49	26	26
06/21/2001 09:00:00	8.6	10.9	51	24	24
06/21/2001 09:01:00	9.6	9.9	54	17	17
06/21/2001 09:02:00	9.9	9.7	57	19	19
06/21/2001 09:03:00	9.8	9.7	58	21	21
06/21/2001 09:04:00	9.7	9.8	55	19	19
06/21/2001 09:05:00	9.5	10.1	55	30	30
06/21/2001 09:06:00	10.2	9.4	51	27	27
06/21/2001 09:07:00	10.1	9.5	48	32	33
06/21/2001 09:08:00	9.9	9.8	45	37	37
06/21/2001 09:09:00	9.4	10.1	46	39	37
06/21/2001 09:10:00	9.6	10.0	48	26	26
06/21/2001 09:11:00	9.9	9.7	48	25	25
06/21/2001 09:12:00	9.9	9.8	45	30	30
06/21/2001 09:13:00	9.1	10.5	44	35	34
06/21/2001 09:14:00	9.1	10.4	45	26	26
06/21/2001 09:15:00	9.7	9.8	43	20	21
06/21/2001 09:16:00	9.8	9.8	41	21	21
06/21/2001 09:17:00	10.2	9.4	43	27	26
06/21/2001 09:18:00	10.9	8.8	43	31	31
06/21/2001 09:19:00	10.5	9.2	39	45	44
06/21/2001 09:20:00	9.5	10.1	41	33	33
06/21/2001 09:21:00	9.6	10.0	43	28	28
06/21/2001 09:22:00	10.1	9.6	45	27	27
06/21/2001 09:23:00	10.5	9.3	48	29	28
06/21/2001 09:24:00	10.7	9.1	50	33	34
06/21/2001 09:25:00	10.1	9.6	50	32	32
06/21/2001 09:26:00	10.1	9.6	50	27	28
06/21/2001 09:27:00	9.9	9.8	52	27	27
06/21/2001 09:28:00	10.1	9.7	54	24	24
06/21/2001 09:29:00	9.9	9.6	52	25	25
06/21/2001 09:30:00	9.5	10.1	55	22	22
06/21/2001 09:31:00	9.6	9.8	54	16	16
06/21/2001 09:32:00	10.3	9.5	55	16	16
06/21/2001 09:33:00	10.5	9.2	53	21	21
06/21/2001 09:34:00	10.6	9.2	52	26	26
06/21/2001 09:35:00	10.4	9.4	52	29	30

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C28	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-1000
06/21/2001 09:36:00	9.9	9.3	46	27	27
06/21/2001 09:37:00	9.0	10.6	50	23	23
06/21/2001 09:38:00	9.3	10.3	47	17	17
06/21/2001 09:39:00	9.3	10.3	47	13	13
06/21/2001 09:40:00	9.6	9.9	49	16	16
06/21/2001 09:41:00	10.0	9.6	46	16	16
06/21/2001 09:42:00	10.4	9.2	52	17	17
06/21/2001 09:43:00	10.1	9.5	54	21	21
06/21/2001 09:44:00	10.1	9.5	62	21	21
06/21/2001 09:45:00	9.5	10.1	77	20	20
06/21/2001 09:46:00	9.3	10.3	93	20	20
06/21/2001 09:47:00	9.6	10.0	122	20	20
06/21/2001 09:48:00	9.8	9.8	143	19	19
06/21/2001 09:49:00	10.1	9.5	170	27	27
06/21/2001 09:50:00	10.1	9.6	160	32	32
06/21/2001 09:51:00	10.0	9.7	157	26	27
06/21/2001 09:52:00	10.4	9.3	160	21	23
06/21/2001 09:53:00	10.8	8.9	156	22	23
06/21/2001 09:54:00	10.7	9.0	154	25	25
06/21/2001 09:55:00	11.1	8.7	153	31	31
Period Average =	9.9	9.7	67	25	25
Period Max Value =	11.1	10.9	170	45	44
Period Min Value =	8.6	8.7	39	13	13
Period Totals =	5.7580E+2	5.6330E+2	3.8780E+3	1.4620E+3	1.4650E+3
Period % Recovery =	96.7	96.7	96.7	96.7	96.7

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Stk RATA  
 Start of Report: 06/21/2001 08:56:00  
 End of Report: 06/21/2001 09:55:59

*Run 8*

Validation: Valid Data Only

Group#-Channel#	G63-C1	G63-C2	G63-C13	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000
06/21/2001 08:56:00	10.5	9.2	0	103	29
06/21/2001 08:57:00	10.6	9.1	0	100	31
06/21/2001 08:58:00	10.8	9.0	0	107	34
06/21/2001 08:59:00	10.6	9.2	0	124	31
06/21/2001 09:00:00	9.5	10.1	0	167	27
06/21/2001 09:01:00	9.7	9.9	0	212	19
06/21/2001 09:02:00	10.5	9.2	0	182	20
06/21/2001 09:03:00	10.3	9.3	0	161	21
06/21/2001 09:04:00	10.5	9.2	0	148	20
06/21/2001 09:05:00	10.0	9.6	0	154	29
06/21/2001 09:06:00	10.3	9.4	0	136	28
06/21/2001 09:07:00	10.5	9.2	0	111	32
06/21/2001 09:08:00	10.5	9.3	0	112	37
06/21/2001 09:09:00	10.1	9.6	0	135	40
06/21/2001 09:10:00	10.0	9.7	0	165	28
06/21/2001 09:11:00	10.1	9.6	0	181	24
06/21/2001 09:12:00	10.2	9.5	0	182	27
06/21/2001 09:13:00	9.6	10.1	0	181	33
06/21/2001 09:14:00	9.0	10.5	0	193	23
06/21/2001 09:15:00	9.4	10.1	0	214	18
06/21/2001 09:16:00	9.7	9.9	0	201	19
06/21/2001 09:17:00	9.8	9.8	0	177	21
06/21/2001 09:18:00	10.4	9.3	0	148	24
06/21/2001 09:19:00	10.7	9.1	0	131	38
06/21/2001 09:20:00	9.8	9.8	0	150	30
06/21/2001 09:21:00	9.4	10.1	0	195	24
06/21/2001 09:22:00	9.8	9.9	0	189	23
06/21/2001 09:23:00	10.3	9.5	0	168	24
06/21/2001 09:24:00	10.8	9.1	0	121	29
06/21/2001 09:25:00	10.8	9.0	0	107	30
06/21/2001 09:26:00	10.3	9.5	0	148	25
06/21/2001 09:27:00	10.2	9.5	0	156	24
06/21/2001 09:28:00	10.0	9.7	0	163	23
06/21/2001 09:29:00	10.1	9.7	0	170	23
06/21/2001 09:30:00	9.7	10.0	0	191	21
06/21/2001 09:31:00	9.7	10.0	0	211	18
06/21/2001 09:32:00	10.1	9.6	0	181	18
06/21/2001 09:33:00	10.4	9.4	0	185	19

Group#-Channel#	G63-C1	G63-C2	G63-C16	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000

06/21/2001 09:34:00	10.8	9.1	0	132	22
06/21/2001 09:35:00	10.5	9.4	0	135	25
06/21/2001 09:36:00	10.5	9.4	0	132	24
06/21/2001 09:37:00	9.6	10.1	0	149	23
06/21/2001 09:38:00	9.5	10.2	0	137	17
06/21/2001 09:39:00	9.8	9.6	0	194	13
06/21/2001 09:40:00	9.7	9.9	0	199	14
06/21/2001 09:41:00	10.2	9.5	0	163	17
06/21/2001 09:42:00	10.6	9.1	0	142	16
06/21/2001 09:43:00	10.6	9.1	0	126	19
06/21/2001 09:44:00	10.5	9.2	0	152	20
06/21/2001 09:45:00	10.3	9.4	0	163	20
06/21/2001 09:46:00	9.9	9.8	0	174	20
06/21/2001 09:47:00	9.7	9.9	0	194	19
06/21/2001 09:48:00	9.9	9.7	0	179	18
06/21/2001 09:49:00	10.3	9.4	0	156	24
06/21/2001 09:50:00	10.4	9.4	0	146	29
06/21/2001 09:51:00	10.1	9.6	0	148	23
06/21/2001 09:52:00	10.2	9.5	0	157	19
06/21/2001 09:53:00	10.9	8.9	0	149	19
06/21/2001 09:54:00	10.8	8.9	0	142	22
06/21/2001 09:55:00	11.0	8.9	0	143	25
Period Average =	10.2	9.5	0	159	24
Period Max Value =	11.0	10.5	0	214	40
Period Min Value =	9.0	8.9	0	100	13
Period Totals =	6.1060E+2	5.7190E+2	0.0000E+0	9.5330E+3	1.4260E+3
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905

Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Stk RATA  
 Start of Report: 06/21/2001 10:10:00  
 End of Report: 06/21/2001 11:09:00



Lee County Solid Waste  
 Resource Recovery Facility



*Run 9*

Validation: Valid Data Only

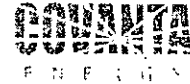
Group#-Channel#	G63-C1	G63-C2	G63-C18	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000
06/21/2001 10:10:00	10.6	9.1	0	123	24
06/21/2001 10:11:00	10.4	9.3	0	144	24
06/21/2001 10:12:00	10.9	8.9	0	154	24
06/21/2001 10:13:00	10.6	9.2	0	161	27
06/21/2001 10:14:00	10.3	9.3	0	184	26
06/21/2001 10:15:00	10.1	9.6	0	181	23
06/21/2001 10:16:00	9.9	9.7	0	179	18
06/21/2001 10:17:00	9.7	9.9	0	189	19
06/21/2001 10:18:00	10.0	9.7	0	191	18
06/21/2001 10:19:00	10.2	9.4	0	149	23
06/21/2001 10:20:00	10.4	9.3	0	131	23
06/21/2001 10:21:00	10.7	9.0	0	128	26
06/21/2001 10:22:00	10.4	9.3	0	132	26
06/21/2001 10:23:00	10.3	9.4	0	159	26
06/21/2001 10:24:00	10.0	9.6	0	159	25
06/21/2001 10:25:00	9.7	9.9	0	170	20
06/21/2001 10:26:00	9.9	9.6	0	178	18
06/21/2001 10:27:00	10.4	9.2	0	165	21
06/21/2001 10:28:00	10.7	9.0	0	138	26
06/21/2001 10:29:00	10.4	9.3	0	134	25
06/21/2001 10:30:00	10.4	9.3	0	155	21
06/21/2001 10:31:00	10.6	9.2	0	152	20
06/21/2001 10:32:00	10.7	9.0	0	146	26
06/21/2001 10:33:00	10.8	9.0	0	114	30
06/21/2001 10:34:00	10.2	9.5	0	148	23
06/21/2001 10:35:00	9.7	9.8	0	177	25
06/21/2001 10:36:00	9.7	9.9	0	194	20
06/21/2001 10:37:00	10.0	9.6	0	180	19
06/21/2001 10:38:00	9.9	9.7	0	177	23
06/21/2001 10:39:00	9.9	9.7	0	171	21
06/21/2001 10:40:00	9.9	9.7	0	155	25
06/21/2001 10:41:00	10.0	9.6	0	143	23
06/21/2001 10:42:00	9.3	10.2	0	130	19
06/21/2001 10:43:00	9.2	10.2	0	202	15
06/21/2001 10:44:00	9.1	10.3	0	220	14
06/21/2001 10:45:00	9.4	10.1	0	215	15
06/21/2001 10:46:00	10.0	9.6	0	187	15
06/21/2001 10:47:00	10.6	9.1	0	150	20



Group#-Channel#	G63-C1	G63-C2	G63-C18	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000
06/21/2001 10:48:00	11.2	8.5	0	103	26
06/21/2001 10:49:00	10.7	8.9	0	104	26
06/21/2001 10:50:00	10.3	9.3	0	151	24
06/21/2001 10:51:00	10.5	9.2	0	164	21
06/21/2001 10:52:00	10.6	8.9	0	131	21
06/21/2001 10:53:00	10.9	8.8	0	138	24
06/21/2001 10:54:00	10.6	8.8	0	132	26
06/21/2001 10:55:00	10.1	9.4	0	160	22
06/21/2001 10:56:00	9.7	9.7	0	168	22
06/21/2001 10:57:00	9.8	9.7	0	178	18
06/21/2001 10:58:00	10.3	9.3	0	169	21
06/21/2001 10:59:00	10.5	9.1	0	146	23
06/21/2001 11:00:00	10.7	8.9	0	129	23
06/21/2001 11:01:00	10.8	8.8	0	135	26
06/21/2001 11:02:00	10.6	8.8	0	127	29
06/21/2001 11:03:00	10.2	9.3	0	136	21
06/21/2001 11:04:00	10.1	9.4	0	165	18
06/21/2001 11:05:00	10.1	9.5	0	202	15
06/21/2001 11:06:00	10.0	9.6	0	218	14
06/21/2001 11:07:00	9.7	9.9	0	215	15
06/21/2001 11:08:00	9.7	9.8	0	216	17
06/21/2001 11:09:00	9.4	10.1	0	192	18
Period Average =	10.2	9.4	0	162	22
Period Max Value =	11.2	10.3	0	220	30
Period Min Value =	9.1	8.5	0	103	14
Period Totals =	6.1210E+2	5.6490E+2	0.0000E+0	9.6940E+3	1.3120E+3
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



*Run 9*

Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Econ RATA  
 Start of Report: 06/21/2001 10:10:00  
 End of Report: 06/21/2001 11:09:00

Validation: Valid Data Only

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C28	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-4000
06/21/2001 10:10:00	10.0	9.5	71	24	24
06/21/2001 10:11:00	10.1	9.5	71	26	26
06/21/2001 10:12:00	10.3	9.3	66	22	24
06/21/2001 10:13:00	10.0	9.6	60	23	27
06/21/2001 10:14:00	9.6	9.9	58	25	25
06/21/2001 10:15:00	9.6	9.9	54	21	22
06/21/2001 10:16:00	9.6	9.9	55	13	16
06/21/2001 10:17:00	9.1	10.4	53	19	20
06/21/2001 10:18:00	9.7	9.8	52	17	17
06/21/2001 10:19:00	9.6	9.9	52	23	23
06/21/2001 10:20:00	10.1	9.5	55	22	22
06/21/2001 10:21:00	10.1	9.5	51	24	24
06/21/2001 10:22:00	9.8	9.8	46	26	26
06/21/2001 10:23:00	9.4	10.1	45	25	25
06/21/2001 10:24:00	9.5	10.1	45	27	27
06/21/2001 10:25:00	9.3	10.2	50	20	22
06/21/2001 10:26:00	9.8	9.8	56	19	19
06/21/2001 10:27:00	10.2	9.4	56	22	22
06/21/2001 10:28:00	9.9	9.7	52	25	27
06/21/2001 10:29:00	9.7	9.9	51	25	25
06/21/2001 10:30:00	9.8	9.8	51	20	20
06/21/2001 10:31:00	9.9	9.7	47	19	20
06/21/2001 10:32:00	10.5	9.2	45	28	29
06/21/2001 10:33:00	9.8	9.8	43	30	30
06/21/2001 10:34:00	9.4	10.1	42	23	23
06/21/2001 10:35:00	9.0	10.5	41	23	25
06/21/2001 10:36:00	9.2	10.3	42	20	20
06/21/2001 10:37:00	9.5	10.0	40	13	18
06/21/2001 10:38:00	9.2	10.2	40	23	23
06/21/2001 10:39:00	9.5	10.0	39	22	22
06/21/2001 10:40:00	9.7	9.8	40	26	26
06/21/2001 10:41:00	9.2	10.3	38	21	23
06/21/2001 10:42:00	8.9	10.5	38	19	19
06/21/2001 10:43:00	8.8	10.6	38	15	15
06/21/2001 10:44:00	8.8	10.6	41	15	15
06/21/2001 10:45:00	9.2	10.2	42	17	15
06/21/2001 10:46:00	9.8	9.7	44	19	19
06/21/2001 10:47:00	10.7	8.9	49	23	23

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C28	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-4000
06/21/2001 10:48:00	10.7	8.9	48	29	29
06/21/2001 10:49:00	10.0	9.6	48	28	28
06/21/2001 10:50:00	9.7	9.8	43	24	25
06/21/2001 10:51:00	10.4	9.1	41	23	23
06/21/2001 10:52:00	10.2	9.3	36	22	22
06/21/2001 10:53:00	10.6	9.0	36	24	26
06/21/2001 10:54:00	9.8	9.6	33	25	25
06/21/2001 10:55:00	9.6	9.9	36	23	23
06/21/2001 10:58:00	10.1<	9.4<	39<	24<	26<
06/21/2001 10:59:00	10.5	9.1	41	25	25
06/21/2001 11:00:00	10.4	9.1	34	25	26
06/21/2001 11:01:00	10.5	9.1	32	28	28
06/21/2001 11:02:00	10.3	9.2	29	30	29
06/21/2001 11:03:00	9.7	9.8	29	22	22
06/21/2001 11:04:00	9.6	9.9	26	18	18
06/21/2001 11:05:00	9.7	9.8	26	16	16
06/21/2001 11:06:00	9.4	10.0	28	15	15
06/21/2001 11:07:00	9.1	10.4	28	16	16
06/21/2001 11:08:00	9.1	10.4	31	19	19
06/21/2001 11:09:00	8.5	10.9	31	18	18
Period Average =	9.7	9.8	44	22	23
Period Max Value =	10.7	10.9	71	30	30
Period Min Value =	8.5	8.9	26	15	15
Period Totals =	5.6420E+2	5.6820E+2	2.5540E+3	1.2930E+3	1.3090E+3
Period % Recovery =	98.3	98.3	98.3	98.3	98.3

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



*Run 10*

Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Econ RATA  
 Start of Report: 06/21/2001 11:26:00  
 End of Report: 06/21/2001 11:55:00

Validation: Valid Data Only

Group#-Channel#	G63-C11	G63-C12	G63-C19	G63-C28	G63-C27
Long Descrip.	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ	U-1 Econ
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-2000	0-1000	0-4000
06/21/2001 11:26:00	9.6	10.0	33	25	23
06/21/2001 11:27:00	9.7	9.9	35	24	24
06/21/2001 11:28:00	9.4	10.1	34	24	24
06/21/2001 11:29:00	9.2	10.3	34	25	25
06/21/2001 11:30:00	9.2	10.4	36	23	23
06/21/2001 11:31:00	9.0	10.5	37	22	22
06/21/2001 11:32:00	9.8	9.8	38	20	20
06/21/2001 11:33:00	9.5	10.1	35	23	24
06/21/2001 11:34:00	9.1	10.5	35	24	24
06/21/2001 11:35:00	9.9	9.7	37	21	21
06/21/2001 11:36:00	10.0	9.6	36	23	23
06/21/2001 11:37:00	8.8	10.7	39	26	26
06/21/2001 11:38:00	9.6	10.0	42	21	22
06/21/2001 11:39:00	9.8	9.8	38	19	20
06/21/2001 11:40:00	10.5	9.2	40	16	17
06/21/2001 11:41:00	10.0	9.6	41	20	20
06/21/2001 11:42:00	10.2	9.4	42	19	19
06/21/2001 11:43:00	9.8	9.9	41	29	29
06/21/2001 11:44:00	9.8	9.8	40	19	19
06/21/2001 11:45:00	10.2	9.5	42	18	19
06/21/2001 11:46:00	10.2	9.5	44	22	22
06/21/2001 11:47:00	9.8	9.9	46	24	24
06/21/2001 11:48:00	10.0	9.7	46	20	22
06/21/2001 11:49:00	10.5	9.3	45	27	27
06/21/2001 11:50:00	9.7	10.0	40	34	34
06/21/2001 11:51:00	9.9	9.8	39	29	29
06/21/2001 11:52:00	9.7	10.0	38	29	29
06/21/2001 11:53:00	10.3	9.4	38	26	26
06/21/2001 11:54:00	10.1	9.5	32	30	29
06/21/2001 11:55:00	10.4	9.4	33	32	32
<hr/>					
Period Average =	9.6	9.8	39	24	24
Period Max Value =	10.5	10.7	46	34	34
Period Min Value =	8.8	9.2	32	16	17
Period Totals =	2.9270E+2	2.9530E+2	1.1560E+3	7.1300E+2	7.1600E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility

Data Group: U1\_1 MIN DATA  
 Report Name: U-1 Stk RATA  
 Start of Report: 06/21/2001 11:26:00  
 End of Report: 06/21/2001 11:55:00

*Run 10*

Validation: Valid Data Only

Group#-Channel#	G63-C1	G63-C2	G63-C18	G63-C20	G63-C23
Long Descrip.	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack	U-1 Stack
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	ppmc	ppmc	ppmc
Range	0-25	0-20	0-500	0-1000	0-1000
06/21/2001 11:26:00	10.3	9.4	0	165	25
06/21/2001 11:27:00	10.0	9.6	0	186	24
06/21/2001 11:28:00	10.2	9.5	0	182	23
06/21/2001 11:29:00	9.9	9.8	0	193	24
06/21/2001 11:30:00	9.7	9.9	0	202	24
06/21/2001 11:31:00	9.9	9.8	0	198	23
06/21/2001 11:32:00	10.1	9.7	0	198	22
06/21/2001 11:33:00	10.3	9.4	0	163	24
06/21/2001 11:34:00	9.7	9.9	0	161	24
06/21/2001 11:35:00	10.0	9.8	0	177	20
06/21/2001 11:36:00	10.4	9.4	0	160	21
06/21/2001 11:37:00	9.9	9.9	0	159	28
06/21/2001 11:38:00	9.4	10.2	0	191	24
06/21/2001 11:39:00	10.1	9.6	0	181	19
06/21/2001 11:40:00	10.5	9.3	0	178	16
06/21/2001 11:41:00	10.7	9.0	0	139	20
06/21/2001 11:42:00	10.8	9.0	0	138	19
06/21/2001 11:43:00	10.4	9.4	0	139	28
06/21/2001 11:44:00	10.1	9.6	0	163	19
06/21/2001 11:45:00	10.3	9.4	0	178	18
06/21/2001 11:46:00	10.7	9.1	0	151	20
06/21/2001 11:47:00	10.2	9.5	0	162	23
06/21/2001 11:48:00	10.4	9.4	0	169	21
06/21/2001 11:49:00	10.7	9.2	0	155	25
06/21/2001 11:50:00	10.6	9.3	0	131	35
06/21/2001 11:51:00	10.2	9.6	0	140	27
06/21/2001 11:52:00	10.1	9.6	0	142	27
06/21/2001 11:53:00	10.5	9.3	0	152	25
Period Average =	10.2	9.5	0	166	23
Period Max Value =	10.8	10.2	0	202	35
Period Min Value =	9.4	9.0	0	131	16
Period Totals =	2.3610E+2	2.8660E+2	0.0000E+0	4.6530E+3	6.4800E+2
Period % Recovery =	96.6	96.6	96.6	96.6	96.6

# Data Summary Report

*Begin Unit 2*



Lee County Solid Waste  
Resource Recovery Facility

Company: Covanta Lee, Inc.  
10500 Buckingham Road  
Fort Myers, FL 33905

Data Group: U2\_1 MIN DATA  
Report Name: U-2 Stk RATA  
Start of Report: 06/19/2001 08:57:00  
End of Report: 06/19/2001 09:56:00

*Run 1*

Validation: Valid Data Only

Group#-Channel#	G75-C1		G75-C2		G75-C18		G75-C20		G75-C23	
Long Descrip.	1MIN	STAC	1MIN	STAC	1MIN	STAC	1MIN	STAC	1MIN	STAC
Short Descrip.	O2s		CO2s		SO2sc		NOXsc		COsc	
Units	%		%		PPMC		ppmc		PPMC	
Range	0-25		0-20		0-500		0-1000		0-1000	
06/19/2001 08:57:00	11.1		9.8		0		214		26	
06/19/2001 08:58:00	10.9		9.0		0		188		22	
06/19/2001 08:59:00	10.8		9.1		0		168		19	
06/19/2001 09:00:00	10.6		9.2		0		171		19	
06/19/2001 09:01:00	10.8		9.0		0		167		22	
06/19/2001 09:02:00	10.8		9.0		0		154		23	
06/19/2001 09:03:00	10.4		9.4		0		151		23	
06/19/2001 09:04:00	10.5		9.3		0		155		21	
06/19/2001 09:05:00	10.6		9.3		0		146		22	
06/19/2001 09:06:00	10.7		9.2		0		159		18	
06/19/2001 09:07:00	10.6		9.3		0		162		16	
06/19/2001 09:08:00	11.0		8.9		0		159		17	
06/19/2001 09:09:00	10.4		9.4		0		160		26	
06/19/2001 09:10:00	10.1		9.6		0		180		19	
06/19/2001 09:11:00	10.0		9.7		0		190		18	
06/19/2001 09:12:00	10.0		9.7		0		191		15	
06/19/2001 09:13:00	10.4		9.4		0		180		15	
06/19/2001 09:14:00	10.8		9.1		0		157		17	
06/19/2001 09:15:00	10.9		9.0		0		147		18	
06/19/2001 09:16:00	10.8		9.1		0		135		23	
06/19/2001 09:17:00	10.6		9.2		0		124		22	
06/19/2001 09:18:00	10.5		9.2		0		152		19	
06/19/2001 09:19:00	10.5		9.3		0		180		20	
06/19/2001 09:20:00	10.8		9.1		0		175		18	
06/19/2001 09:21:00	10.6		9.2		0		162		20	
06/19/2001 09:22:00	10.6		9.2		0		166		20	
06/19/2001 09:23:00	10.4		9.4		0		171		23	
06/19/2001 09:24:00	10.2		9.5		0		184		19	
06/19/2001 09:25:00	11.3		8.6		0		159		20	
06/19/2001 09:26:00	11.3		8.7		0		130		28	
06/19/2001 09:27:00	11.0		8.3		0		133		25	
06/19/2001 09:28:00	10.6		9.2		0		146		23	
06/19/2001 09:29:00	11.1		8.8		0		162		18	
06/19/2001 09:30:00	10.6		9.2		0		170		23	
06/19/2001 09:31:00	10.7		9.1		0		184		13	
06/19/2001 09:32:00	10.9		9.0		0		185		19	
06/19/2001 09:33:00	10.8		9.0		0		164		22	
06/19/2001 09:34:00	10.6		9.1		0		171		19	

# Data Summary Report



Lee County Solid Waste  
Resource Recovery Facility

Company: Covanta Lee, Inc.  
10500 Buchingham Road  
Fort Myers, FL 33905

Data Group: U2\_1 MIN DATA  
Report Name: U-2 Econ RATA  
Start of Report: 06/19/2001 08:57:00  
End of Report: 06/19/2001 09:57:00

Validation: Valid Data Only

Group#-Channel#	G75-C11	G75-C12	G75-C19	G75-C28	G75-C27
Long Descrip.	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON
Short Descrip.	CO2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	PPMC	PPMC	PPMC
Range	0-25	0-20	0-2000	0-1000	0-4000
06/19/2001 08:58:00	10.3<	9.8<	52<	17<	17<
06/19/2001 08:59:00	10.0	10.0	54	17	17
06/19/2001 09:00:00	10.1	9.9	54	17	17
06/19/2001 09:01:00	10.3	9.8	51	20	18
06/19/2001 09:02:00	9.8	10.2	49	20	20
06/19/2001 09:03:00	9.5	10.5	50	17	17
06/19/2001 09:04:00	10.0	10.1	50	18	17
06/19/2001 09:05:00	9.8	10.3	48	16	16
06/19/2001 09:06:00	9.8	10.2	44	14	14
06/19/2001 09:07:00	9.8	10.2	44	14	14
06/19/2001 09:08:00	10.2	10.0	40	13	14
06/19/2001 09:09:00	9.4	10.6	41	21	21
06/19/2001 09:10:00	9.0	10.8	40	15	15
06/19/2001 09:11:00	9.0	10.9	40	14	14
06/19/2001 09:12:00	9.3	10.6	41	12	13
06/19/2001 09:13:00	10.0	10.0	42	14	14
06/19/2001 09:14:00	9.9	10.1	42	14	14
06/19/2001 09:15:00	10.1	9.9	41	14	14
06/19/2001 09:16:00	10.1	9.9	41	21	21
06/19/2001 09:17:00	9.8	10.1	39	18	16
06/19/2001 09:18:00	9.7	10.2	36	16	16
06/19/2001 09:19:00	10.0	10.0	37	17	17
06/19/2001 09:20:00	10.3	9.7	38	16	17
06/19/2001 09:21:00	10.0	10.0	38	19	17
06/19/2001 09:22:00	10.0	10.0	40	19	18
06/19/2001 09:23:00	9.6	10.4	41	20	17
06/19/2001 09:24:00	10.1	9.8	41	17	17
06/19/2001 09:25:00	11.1	9.2	35	17	17
06/19/2001 09:26:00	10.5	9.6	35	23	21
06/19/2001 09:27:00	10.1	10.0	35	21	19
06/19/2001 09:28:00	10.1	9.9	36	18	17
06/19/2001 09:29:00	10.6	9.6	34	16	16
06/19/2001 09:30:00	9.7	10.2	34	19	19
06/19/2001 09:31:00	10.1	9.9	33	15	15
06/19/2001 09:32:00	10.6	9.5	35	19	18
06/19/2001 09:33:00	10.1	9.9	39	18	18
06/19/2001 09:34:00	9.9	10.1	38	18	18
06/19/2001 09:35:00	10.1	9.9	44	17	17

Group#-Channel#	G75-C1		G75-C2		G75-C18		G75-C20		G75-C23	
Long Descrip.	1MIN	STAC	1MIN	STAC	1MIN	STAC	1MIN	STAC	1MIN	STAC
Short Descrip.	O2s		CO2s		SO2sc		NOXsc		COsc	
Units	%		%		PPMC		ppmc		PPMC	
Range	0-25		0-20		0-500		0-1000		0-1000	
06/19/2001 09:35:00	10.5		9.3		0		164		19	
06/19/2001 09:36:00	10.8		9.0		0		162		19	
06/19/2001 09:37:00	10.8		9.0		0		180		18	
06/19/2001 09:38:00	11.2		8.7		0		145		20	
06/19/2001 09:39:00	10.8		9.0		0		161		21	
06/19/2001 09:40:00	10.7		9.2		0		170		18	
06/19/2001 09:41:00	10.7		9.2		0		159		18	
06/19/2001 09:42:00	10.7		9.1		0		168		18	
06/19/2001 09:43:00	10.8		9.0		0		164		17	
06/19/2001 09:44:00	10.7		9.0		0		161		18	
06/19/2001 09:45:00	10.5		9.2		0		151		19	
06/19/2001 09:46:00	10.0		9.6		0		189		18	
06/19/2001 09:47:00	10.0		9.6		0		208		11	
06/19/2001 09:48:00	10.2		9.4		0		213		10	
06/19/2001 09:49:00	10.6		9.0		0		196		11	
06/19/2001 09:50:00	10.6		9.0		0		162		13	
06/19/2001 09:51:00	10.6		9.0		0		165		12	
06/19/2001 09:52:00	10.4		9.1		0		177		12	
06/19/2001 09:53:00	11.2		8.5		0		139		13	
06/19/2001 09:54:00	11.0		8.6		0		129		14	
06/19/2001 09:55:00	10.5		9.1		0		178		12	
06/19/2001 09:56:00	10.9		8.6		0		164		11	
Period Average =	10.7		9.1		0		167		19	
Period Max Value =	11.3		9.7		0		214		28	
Period Min Value =	10.0		8.5		0		124		10	
Period Totals =	6.3950E+2	5.4730E+2	0.0000E+0	9.9970E+3	1.1190E+3					
Period % Recovery =	100.0		100.0		100.0		100.0		100.0	



Group#-Channel#	G75-C11	G75-C12	G75-C19	G75-C25	G75-C27
Long Descrip.	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-R
Units	%	%	PPMC	PPMC	PPMC
Range	0-25	0-20	0-2000	0-1000	0-4000
06/19/2001 09:36:00	10.2	9.5	40	17	17
06/19/2001 09:37:00	10.7	9.3	42	15	15
06/19/2001 09:38:00	10.5	9.6	41	19	19
06/19/2001 09:39:00	10.2	9.8	42	18	17
06/19/2001 09:40:00	10.4	9.7	45	17	17
06/19/2001 09:41:00	10.2	9.8	44	17	17
06/19/2001 09:42:00	10.3	9.7	43	16	17
06/19/2001 09:43:00	10.4	9.6	48	16	16
06/19/2001 09:44:00	10.4	9.6	52	16	16
06/19/2001 09:45:00	9.3	10.5	50	17	16
06/19/2001 09:46:00	9.3	10.5	49	14	14
06/19/2001 09:47:00	9.3	10.4	50	11	11
06/19/2001 09:48:00	9.7	10.0	53	10	11
06/19/2001 09:49:00	10.2	9.6	56	12	12
06/19/2001 09:50:00	9.9	9.9	61	13	13
06/19/2001 09:51:00	10.0	9.8	60	11	11
06/19/2001 09:52:00	10.4	9.4	62	12	12
06/19/2001 09:53:00	10.7	9.2	61	12	12
06/19/2001 09:54:00	10.0	9.9	60	11	11
06/19/2001 09:55:00	10.0	9.8	61	10	10
Period Average =	10.0	10.0	45	16	16
Period Max Value =	11.1	10.9	62	23	21
Period Min Value =	9.0	9.2	33	10	10
Period Totals =	5.8090E+2	5.7770E+2	2.5920E+3	9.3600E+2	9.1900E+2
Period % Recovery =	96.7	96.7	96.7	96.7	96.7

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



Run 2

Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Stk RATA  
 Start of Report: 06/19/2001 10:20:00  
 End of Report: 06/19/2001 11:19:00

Validation: Valid Data Only

Group#-Channel#	G75-C1	G75-C2	G75-C18	G75-C20	G75-C23
Long Descrip.	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	PPMC	ppmc	PPMC
Range	0-25	0-20	0-500	0-1000	0-1000
06/19/2001 10:20:00	10.7	8.9	1	169	14
06/19/2001 10:21:00	11.2	8.5	0	146	14
06/19/2001 10:22:00	11.1	8.6	0	112	21
06/19/2001 10:23:00	10.8	8.9	0	146	17
06/19/2001 10:24:00	11.3	8.5	0	135	19
06/19/2001 10:25:00	11.1	8.7	0	119	24
06/19/2001 10:26:00	10.6	9.1	0	132	22
06/19/2001 10:27:00	10.6	9.2	0	165	20
06/19/2001 10:28:00	10.9	8.9	0	156	24
06/19/2001 10:29:00	10.3	9.4	0	177	31
06/19/2001 10:30:00	10.1	9.6	0	175	23
06/19/2001 10:31:00	10.3	9.4	0	188	21
06/19/2001 10:32:00	10.5	9.3	0	199	20
06/19/2001 10:33:00	10.5	9.2	0	191	25
06/19/2001 10:34:00	10.4	9.4	0	192	26
06/19/2001 10:35:00	10.2	9.5	0	186	22
06/19/2001 10:36:00	10.3	9.5	0	180	21
06/19/2001 10:37:00	10.6	9.2	0	169	23
06/19/2001 10:38:00	10.6	9.2	0	174	22
06/19/2001 10:39:00	10.3	9.5	0	188	22
06/19/2001 10:40:00	10.7	9.2	3	176	22
06/19/2001 10:41:00	11.5	8.4	4	133	25
06/19/2001 10:42:00	11.2	8.6	1	107	32
06/19/2001 10:43:00	10.8	9.0	0	135	32
06/19/2001 10:44:00	10.1	9.6	0	179	24
06/19/2001 10:45:00	9.7	9.9	0	189	21
06/19/2001 10:46:00	10.3	9.4	0	176	20
06/19/2001 10:47:00	9.9	9.7	0	171	18
06/19/2001 10:48:00	10.1	9.5	0	192	14
06/19/2001 10:49:00	10.5	9.2	0	162	16
06/19/2001 10:50:00	10.6	9.1	0	148	19
06/19/2001 10:51:00	10.8	9.0	0	142	21
06/19/2001 10:52:00	10.3	9.4	0	163	22
06/19/2001 10:53:00	10.5	9.0	0	147	22
06/19/2001 10:54:00	10.5	9.0	0	132	29
06/19/2001 10:55:00	10.9	9.0	0	135	26
06/19/2001 10:56:00	10.3	8.9	0	125	25
06/19/2001 10:57:00	11.1	8.8	0	125	27

# Data Summary Report



Lee County Solid Waste  
Resource Recovery Facility

Company: Covanta Lee, Inc.  
10500 Buchingham Road  
Fort Myers, FL 33905

Data Group: U2\_1 MIN DATA  
Report Name: U-2 Econ RATA  
Start of Report: 06/19/2001 10:20:00  
End of Report: 06/19/2001 11:19:00

Validation: Valid Data Only

Group#-Channel#	G75-C11	G75-C12	G75-C19	G75-C28	G75-C27
Long Descrip.	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON
Short Descrip.	CO2e	CO2e	SO2ec	COec-L	COec-R
Units	%	%	PPMC	PPMC	PPMC
Range	0-25	0-20	0-2000	0-1000	0-4000
06/19/2001 10:20:00	10.8	9.2	47	14	15
06/19/2001 10:21:00	11.4	8.7	44	19	18
06/19/2001 10:22:00	10.5	9.5	43	21	20
06/19/2001 10:23:00	10.3	9.2	47	17	17
06/19/2001 10:24:00	11.2	8.9	46	21	20
06/19/2001 10:25:00	10.7	9.4	44	25	25
06/19/2001 10:26:00	10.0	9.9	50	20	19
06/19/2001 10:27:00	10.5	9.5	57	20	19
06/19/2001 10:28:00	10.2	9.8	57	22	22
06/19/2001 10:29:00	9.8	10.2	53	34	33
06/19/2001 10:30:00	10.0	9.9	60	22	20
06/19/2001 10:31:00	10.1	9.9	64	21	19
06/19/2001 10:32:00	10.2	9.7	68	19	18
06/19/2001 10:33:00	9.9	10.1	64	25	27
06/19/2001 10:34:00	9.9	10.0	67	24	24
06/19/2001 10:35:00	9.8	10.1	65	21	20
06/19/2001 10:36:00	10.2	9.8	68	21	21
06/19/2001 10:37:00	10.1	9.9	73	22	21
06/19/2001 10:38:00	9.8	10.2	75	20	19
06/19/2001 10:39:00	9.7	10.3	78	21	20
06/19/2001 10:40:00	10.4	9.6	77	20	19
06/19/2001 10:41:00	10.8	9.3	70	22	21
06/19/2001 10:42:00	10.2	9.8	69	23	23
06/19/2001 10:43:00	9.6	10.3	66	26	26
06/19/2001 10:44:00	9.4	10.6	65	23	23
06/19/2001 10:45:00	9.2	10.6	61	19	19
06/19/2001 10:46:00	10.0	10.0	52	18	17
06/19/2001 10:47:00	9.1	10.7	57	15	15
06/19/2001 10:48:00	9.8	10.1	56	14	14
06/19/2001 10:49:00	10.0	9.9	54	15	14
06/19/2001 10:50:00	9.9	10.0	53	15	16
06/19/2001 10:51:00	9.7	10.3	50	17	17
06/19/2001 10:52:00	9.7	10.2	51	20	20
06/19/2001 10:53:00	10.0	10.0	52	18	18
06/19/2001 10:54:00	10.0	10.0	48	24	24
06/19/2001 10:55:00	10.3	9.7	50	22	22
06/19/2001 10:58:00	10.2<	9.8<	57<	29<	27<
06/19/2001 10:59:00	9.5	10.5	59	24	24

Group#-Channel#	G75-C1		G75-C2		G75-C18		G75-C20		G75-C23	
Long Descrip.	1MIN	STAC	1MIN	STAC	1MIN	STAC	1MIN	STAC	1MIN	STAC
Short Descrip.	O2s		CO2s		SO2sc		NOXsc		COsc	
Units	%		%		PPMC		ppmc		PPMC	
Range	0-25		0-20		0-500		0-1000		0-1000	
06/19/2001 10:58:00	10.9		9.0		0		152		29	
06/19/2001 10:59:00	10.7		9.2		0		161		27	
06/19/2001 11:00:00	10.0		9.8		0		190		22	
06/19/2001 11:01:00	10.5		9.3		0		198		20	
06/19/2001 11:02:00	10.7		9.1		0		179		25	
06/19/2001 11:03:00	10.9		8.9		0		170		24	
06/19/2001 11:04:00	10.5		9.3		0		166		28	
06/19/2001 11:05:00	10.4		9.5		0		163		23	
06/19/2001 11:06:00	10.3		9.5		0		152		20	
06/19/2001 11:07:00	10.3		9.5		0		168		20	
06/19/2001 11:08:00	10.9		9.0		0		154		21	
06/19/2001 11:09:00	11.0		8.9		0		129		24	
06/19/2001 11:10:00	10.6		9.2		0		144		27	
06/19/2001 11:11:00	10.7		9.2		0		164		23	
06/19/2001 11:12:00	10.4		9.4		0		177		24	
06/19/2001 11:13:00	11.0		8.9		0		163		22	
06/19/2001 11:14:00	10.9		9.0		0		150		28	
06/19/2001 11:15:00	10.8		9.1		0		150		28	
06/19/2001 11:16:00	10.4		9.4		0		158		29	
06/19/2001 11:17:00	10.7		9.2		0		165		22	
06/19/2001 11:18:00	10.9		9.0		0		161		28	
06/19/2001 11:19:00	10.7		9.2		0		174		27	
Period Average =	10.6		9.2		0		161		23	
Period Max Value =	11.5		9.9		4		199		32	
Period Min Value =	9.7		8.4		0		107		14	
Period Totals =	6.3750E+2		5.4980E+2		9.0000E+0		9.6320E+3		1.3870E+3	
Period % Recovery =	100.0		100.0		100.0		100.0		100.0	

RUN 2

Group#-Channel#	G75-C11		G75-C12		G75-C19		G75-C28		G75-C27	
Long Descrip.	1MIN	ECON	1MIN	ECON	1MIN	ECON	1MIN	ECON	1MIN	ECON
Short Descrip.	O2e		CO2e		SO2ec		COec-L		COec-H	
Units	%		%		PPMC		PPMC		PPMC	
Range	0-25		0-20		0-2000		0-1000		0-4000	
06/19/2001 11:00:00	9.5	10.5			61		18		18	
06/19/2001 11:01:00	10.3	9.7			62		20		18	
06/19/2001 11:02:00	10.3	9.7			59		24		24	
06/19/2001 11:03:00	10.3	9.7			56		24		22	
06/19/2001 11:04:00	9.8	10.2			55		28		29	
06/19/2001 11:05:00	10.1	10.0			55		21		19	
06/19/2001 11:06:00	9.7	10.3			53		17		16	
06/19/2001 11:07:00	9.8	10.2			55		19		19	
06/19/2001 11:08:00	10.6	9.6			57		19		18	
06/19/2001 11:09:00	10.3	9.8			56		24		22	
06/19/2001 11:10:00	9.9	10.1			56		25		25	
06/19/2001 11:11:00	9.9	10.1			57		23		23	
06/19/2001 11:12:00	10.2	9.8			66		22		21	
06/19/2001 11:13:00	10.6	9.6			63		23		22	
06/19/2001 11:14:00	10.5	9.6			65		27		26	
06/19/2001 11:15:00	10.1	10.0			73		30		30	
06/19/2001 11:16:00	9.9	10.1			75		29		28	
06/19/2001 11:17:00	10.5	9.6			78		21		21	
06/19/2001 11:18:00	10.7	9.5			78		29		29	
06/19/2001 11:19:00	10.3	9.8			72		28		29	
Period Average =	10.1	9.9			60		22		21	
Period Max Value =	11.4	10.7			78		34		33	
Period Min Value =	9.1	8.7			43		14		14	
Period Totals =	5.8670E+2	5.7350E+2	3.4690E+3		1.2630E+3		1.2380E+3			
Period % Recovery =	98.3	98.3			98.3		98.3		98.3	

# Data Summary Report



Lee County Solid Waste  
Resource Recovery Facility



Company: Covanta Lee, Inc.  
10500 Buchingham Road  
Fort Myers, FL 33905

Data Group: U2\_1 MIN DATA  
Report Name: U-2 Stk RATA  
Start of Report: 06/19/2001 11:40:00  
End of Report: 06/19/2001 12:09:00

*Run 3*

Validation: Valid Data Only

Group#-Channel#	G75-C1	G75-C2	G75-C18	G75-C20	G75-C23
Long Descrip.	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	PPMC	ppmc	PPMC
Range	0-25	0-20	0-500	0-1000	0-1000
06/19/2001 11:40:00	11.3	8.7	0	138	23
06/19/2001 11:41:00	11.1	8.8	0	125	33
06/19/2001 11:42:00	10.6	9.3	0	158	27
06/19/2001 11:43:00	10.5	9.4	0	178	27
06/19/2001 11:44:00	11.2	8.8	0	175	26
06/19/2001 11:45:00	10.8	9.1	0	171	34
06/19/2001 11:46:00	11.1	8.8	0	173	31
06/19/2001 11:47:00	10.9	9.0	0	163	29
06/19/2001 11:48:00	10.9	9.1	0	161	30
06/19/2001 11:49:00	10.8	9.2	0	161	29
06/19/2001 11:50:00	10.3	9.6	0	155	31
06/19/2001 11:51:00	10.3	9.5	0	173	25
06/19/2001 11:52:00	10.7	9.2	0	170	26
06/19/2001 11:53:00	10.8	9.1	0	161	30
06/19/2001 11:56:00	10.8<	9.0<	0<	173<	21<
06/19/2001 11:57:00	10.5	9.4	0	170	25
06/19/2001 11:58:00	10.9	9.1	0	168	22
06/19/2001 11:59:00	11.5	8.5	0	132	22
06/19/2001 12:00:00	10.8	9.1	0	133	30
06/19/2001 12:01:00	10.6	9.3	0	167	26
06/19/2001 12:02:00	11.2	8.8	0	155	24
06/19/2001 12:03:00	10.8	9.2	0	165	28
06/19/2001 12:04:00	11.0	9.0	0	159	25
06/19/2001 12:05:00	10.6	9.4	0	177	27
06/19/2001 12:06:00	11.5	8.5	0	157	30
06/19/2001 12:07:00	11.3	8.7	0	149	32
06/19/2001 12:08:00	10.7	9.3	0	162	33
06/19/2001 12:09:00	10.9	9.1	0	159	24
Period Average =	10.9	9.1	0	160	28
Period Max Value =	11.5	9.6	0	178	34
Period Min Value =	10.3	8.5	0	125	21
Period Totals =	3.0430E+2	2.5400E+2	0.0000E+0	4.4970E+3	7.7000E+2
Period % Recovery =	96.6	96.6	96.6	96.6	96.6

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Econ RATA  
 Start of Report: 06/19/2001 11:40:00  
 End of Report: 06/19/2001 12:09:00

Validation: Valid Data Only

Group#-Channel#	G75-C11	G75-C12	G75-C19	G75-C28	G75-C27
Long Descrip.	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON
Short Descrip.	02e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	PPMC	PPMC	PPMC
Range	0-25	0-20	0-2000	0-1000	0-4000
06/19/2001 11:40:00	11.1	9.1	64	23	23
06/19/2001 11:41:00	10.2	9.9	60	30	30
06/19/2001 11:42:00	9.9	10.2	62	24	24
06/19/2001 11:43:00	10.3	9.8	60	26	26
06/19/2001 11:44:00	10.7	9.5	56	25	25
06/19/2001 11:45:00	10.2	9.9	55	30	29
06/19/2001 11:46:00	10.5	9.7	49	25	25
06/19/2001 11:47:00	10.2	9.9	49	27	27
06/19/2001 11:48:00	10.3	9.9	46	26	26
06/19/2001 11:49:00	10.4	9.7	44	26	26
06/19/2001 11:50:00	9.7	10.4	41	29	29
06/19/2001 11:51:00	10.2	9.9	40	25	25
06/19/2001 11:52:00	10.5	9.7	40	25	25
06/19/2001 11:53:00	9.8	10.3	39	28	28
06/19/2001 11:54:00	8.2	11.5	38	21	21
06/19/2001 11:55:00	9.8	10.2	39	16	16
06/19/2001 11:58:00	11.1<	9.2<	31<	20<	18<
06/19/2001 11:59:00	11.0	9.3	29	21	20
06/19/2001 12:00:00	9.7	10.3	30	27	27
06/19/2001 12:01:00	10.4	9.7	30	26	26
06/19/2001 12:02:00	10.5	9.8	28	24	24
06/19/2001 12:03:00	10.5	9.6	28	29	29
06/19/2001 12:04:00	10.1	10.1	30	27	26
06/19/2001 12:05:00	10.8	9.4	33	28	28
06/19/2001 12:06:00	11.0	9.3	29	31	31
06/19/2001 12:07:00	10.5	9.9	29	32	32
06/19/2001 12:08:00	10.4	9.8	32	32	32
06/19/2001 12:09:00	9.3	10.9	29	22	22
Period Average =	10.3	9.9	41	26	26
Period Max Value =	11.1	11.5	64	32	32
Period Min Value =	8.2	9.1	28	16	16
Period Totals =	2.8730E+2	2.7690E+2	1.1400E+3	7.2500E+2	7.2000E+2
Period % Recovery =	96.6	96.6	96.6	96.6	96.6

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



*Run 4*

Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Stk RATA  
 Start of Report: 06/19/2001 12:31:00  
 End of Report: 06/19/2001 13:30:00

Validation: Valid Data Only

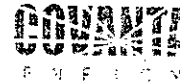
Group#-Channel#	G75-C1	G75-C2	G75-C18	G75-C20	G75-C23
Long Descrip.	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	PPMC	ppmc	PPMC
Range	0-25	0-20	0-500	0-1000	0-1000
06/19/2001 12:31:00	10.7	9.2	0	165	16
06/19/2001 12:32:00	10.5	9.3	0	146	19
06/19/2001 12:33:00	10.2	9.5	0	183	13
06/19/2001 12:34:00	10.8	9.0	0	165	12
06/19/2001 12:35:00	10.8	9.1	0	147	17
06/19/2001 12:36:00	10.5	9.3	0	174	16
06/19/2001 12:37:00	10.6	9.2	0	159	18
06/19/2001 12:38:00	10.8	9.0	0	169	17
06/19/2001 12:39:00	11.2	8.7	0	120	19
06/19/2001 12:40:00	10.2	9.6	0	138	19
06/19/2001 12:41:00	10.4	9.4	0	171	17
06/19/2001 12:42:00	11.4	8.6	0	139	20
06/19/2001 12:43:00	10.7	9.1	0	128	26
06/19/2001 12:44:00	9.9	9.8	0	197	16
06/19/2001 12:45:00	10.9	9.0	0	171	17
06/19/2001 12:46:00	9.8	9.9	0	165	20
06/19/2001 12:47:00	10.7	9.0	0	173	15
06/19/2001 12:48:00	11.1	8.8	0	115	26
06/19/2001 12:49:00	9.9	9.7	0	168	19
06/19/2001 12:50:00	10.6	9.2	0	167	15
06/19/2001 12:51:00	10.7	9.0	0	176	16
06/19/2001 12:52:00	11.4	8.4	0	162	18
06/19/2001 12:53:00	11.0	8.9	0	135	28
06/19/2001 12:54:00	9.7	9.9	0	189	19
06/19/2001 12:55:00	10.2	9.6	0	204	14
06/19/2001 12:56:00	11.2	8.6	0	168	19
06/19/2001 12:57:00	11.2	8.8	0	126	24
06/19/2001 12:58:00	10.4	9.4	0	150	23
06/19/2001 12:59:00	10.4	9.4	0	176	17
06/19/2001 13:00:00	10.8	9.1	0	168	25
06/19/2001 13:01:00	11.0	8.9	0	146	27
06/19/2001 13:02:00	10.7	9.2	0	150	26
06/19/2001 13:03:00	10.0	9.7	0	171	19
06/19/2001 13:04:00	10.6	9.2	0	182	15
06/19/2001 13:05:00	10.4	9.4	0	179	17
06/19/2001 13:06:00	10.0	9.7	0	164	17
06/19/2001 13:07:00	10.6	9.3	0	178	16
06/19/2001 13:08:00	10.6	9.3	0	173	19



Group#-Channel#	G75-C1		G75-C2		G75-C18		G75-C20		G75-C23	
Long Descrip.	1MIN	STAC	1MIN	STAC	1MIN	STAC	1MIN	STAC	1MIN	STAC
Short Descrip.	O2s		CO2s		SO2sc		NONsc		COsc	
Units	%		%		PPMC		ppmc		PPMC	
Range	0-25		0-20		0-500		0-1000		0-1000	
06/19/2001 13:09:00	10.3		9.5		0		157		16	
06/19/2001 13:10:00	9.8		9.9		0		198		14	
06/19/2001 13:11:00	10.2		9.5		0		188		13	
06/19/2001 13:12:00	10.3		9.4		0		162		13	
06/19/2001 13:13:00	10.5		9.3		0		163		13	
06/19/2001 13:14:00	10.7		9.2		0		153		14	
06/19/2001 13:15:00	10.5		9.3		0		155		15	
06/19/2001 13:16:00	10.7		9.2		0		142		16	
06/19/2001 13:17:00	10.8		9.1		0		125		17	
06/19/2001 13:18:00	10.6		9.2		0		138		18	
06/19/2001 13:19:00	10.7		9.1		0		139		16	
06/19/2001 13:20:00	10.6		9.2		0		150		15	
06/19/2001 13:21:00	10.6		9.2		0		163		16	
06/19/2001 13:22:00	10.8		9.0		0		153		18	
06/19/2001 13:23:00	10.2		9.5		0		164		16	
06/19/2001 13:24:00	10.1		9.6		0		190		13	
06/19/2001 13:25:00	10.5		9.2		0		176		12	
06/19/2001 13:26:00	10.9		8.9		0		147		14	
06/19/2001 13:27:00	10.4		9.4		0		150		15	
06/19/2001 13:28:00	10.6		9.2		0		161		15	
06/19/2001 13:29:00	11.1		8.8		0		142		16	
06/19/2001 13:30:00	10.8		9.0		0		145		18	
Period Average =	10.6		9.2		0		161		17	
Period Max Value =	11.4		9.9		0		204		28	
Period Min Value =	9.7		8.4		0		115		12	
Period Totals =	6.3430E+2	5.5390E+2	0.0000E+0	9.6600E+3	1.0450E+3					
Period % Recovery =	100.0		100.0		100.0		100.0		100.0	

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Econ RATA  
 Start of Report: 06/19/2001 12:31:00  
 End of Report: 06/19/2001 13:30:00

*Run 4*

Validation: Valid Data Only

Group#-Channel#	G75-C11	G75-C12	G75-C19	G75-C29	G75-C27
Long Descrip.	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	PPMC	PPMC	PPMC
Range	0-25	0-20	0-2000	0-1000	0-4000
06/19/2001 12:31:00	10.7	9.5	33	16	18
06/19/2001 12:32:00	9.5	10.5	29	18	18
06/19/2001 12:33:00	10.3	9.7	28	12	12
06/19/2001 12:34:00	10.5	9.5	27	12	12
06/19/2001 12:35:00	9.8	10.1	24	15	15
06/19/2001 12:36:00	10.4	9.6	25	15	15
06/19/2001 12:37:00	10.1	9.9	24	16	17
06/19/2001 12:38:00	11.0	9.2	25	15	15
06/19/2001 12:39:00	10.4	9.8	25	19	19
06/19/2001 12:40:00	9.0	10.9	26	18	18
06/19/2001 12:41:00	10.4	9.6	28	15	15
06/19/2001 12:42:00	11.0	9.2	28	18	18
06/19/2001 12:43:00	9.1	10.9	29	21	20
06/19/2001 12:44:00	10.0	9.9	31	14	14
06/19/2001 12:45:00	10.2	10.0	29	17	16
06/19/2001 12:46:00	9.5	10.3	33	18	18
06/19/2001 12:47:00	10.9	9.3	32	15	15
06/19/2001 12:48:00	9.4	10.6	37	22	22
06/19/2001 12:49:00	9.6	10.1	43	15	16
06/19/2001 12:50:00	9.7	10.2	45	14	14
06/19/2001 12:51:00	10.3	9.6	47	14	14
06/19/2001 12:52:00	10.9	9.2	50	17	17
06/19/2001 12:53:00	9.2	10.8	46	23	23
06/19/2001 12:54:00	9.5	10.5	49	16	16
06/19/2001 12:55:00	10.2	9.8	60	16	16
06/19/2001 12:56:00	9.9<	10.2<	61<	16<	16<
06/19/2001 12:59:00	10.1	9.9	67	17	17
06/19/2001 13:00:00	10.6	9.6	76	24	24
06/19/2001 13:01:00	10.5	9.6	88	24	24
06/19/2001 13:02:00	9.8	10.3	79	23	23
06/19/2001 13:03:00	10.0	10.0	78	17	17
06/19/2001 13:04:00	10.4	9.7	74	13	13
06/19/2001 13:05:00	10.0	10.1	74	15	17
06/19/2001 13:06:00	9.7	10.2	74	15	16
06/19/2001 13:07:00	10.1	9.9	73	15	15
06/19/2001 13:08:00	10.3	9.7	71	15	17
06/19/2001 13:09:00	9.3	10.6	66	14	16
06/19/2001 13:10:00	9.5	10.4	63	13	13

Group#-Channel#	G75-C11		G75-C12		G75-C19		G75-C25		G75-C27	
Long Descrip.	LMIN	ECON	LMIN	ECON	LMIN	ECON	LMIN	ECON	LMIN	ECON
Short Descrip.	O2e		CO2e		SO2ec		COec-L		COec-H	
Units	%		%		PPMC		PPMC		PPMC	
Range	0-25		0-20		0-2000		0-1000		0-4000	
06/19/2001 13:11:00	9.6	10.4			62		12		12	
06/19/2001 13:12:00	9.9	10.1			59		13		11	
06/19/2001 13:13:00	10.0	9.9			60		13		13	
06/19/2001 13:14:00	10.1	9.9			57		14		14	
06/19/2001 13:15:00	10.0	10.0			55		15		15	
06/19/2001 13:16:00	10.3	9.8			52		14		14	
06/19/2001 13:17:00	10.1	10.0			49		15		15	
06/19/2001 13:18:00	10.2	9.7			46		17		16	
06/19/2001 13:19:00	10.2	9.9			42		16		16	
06/19/2001 13:20:00	9.8	10.1			36		14		14	
06/19/2001 13:21:00	10.1	9.9			35		15		15	
06/19/2001 13:22:00	10.1	9.9			31		17		17	
06/19/2001 13:23:00	9.2	10.6			26		13		14	
06/19/2001 13:24:00	9.7	10.2			25		11		11	
06/19/2001 13:25:00	10.2	9.8			26		12		12	
06/19/2001 13:26:00	10.0	10.0			24		13		13	
06/19/2001 13:27:00	10.0	10.0			27		14		14	
06/19/2001 13:28:00	10.4	9.7			26		13		13	
06/19/2001 13:29:00	10.6	9.5			26		13		15	
06/19/2001 13:30:00	10.2	9.9			27		16		16	
Period Average =	10.0	10.0			45		16		16	
Period Max Value =	11.0	10.9			88		24		24	
Period Min Value =	9.0	9.2			24		11		11	
Period Totals =	5.8250E+2	5.7820E+2	2.5900E+3		9.2200E+2		9.2100E+2			
Period % Recovery =	98.3	98.3			98.3		98.3		98.3	

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility

*Run 5*

Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Stk RATA  
 Start of Report: 06/19/2001 13:55:00  
 End of Report: 06/19/2001 14:24:00

Validation: Valid Data Only

Group#-Channel#	G75-C1	G75-C2	G75-C18	G75-C20	G75-C23
Long Descrip.	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	PPMC	ppmc	PPMC
Range	0-25	0-20	0-500	0-1000	0-1000
06/19/2001 13:55:00	10.9	8.9	0	154	14
06/19/2001 13:56:00	11.1	8.7	0	125	16
06/19/2001 13:57:00	10.8	9.0	0	146	17
06/19/2001 13:58:00	10.5	9.2	0	155	15
06/19/2001 13:59:00	10.2	9.5	0	169	13
06/19/2001 14:00:00	10.7	9.1	0	157	12
06/19/2001 14:01:00	11.0	8.9	0	129	14
06/19/2001 14:02:00	11.0	8.8	0	139	17
06/19/2001 14:03:00	11.1	8.8	0	145	18
06/19/2001 14:04:00	10.9	9.0	0	157	22
06/19/2001 14:05:00	10.6	9.3	0	161	24
06/19/2001 14:06:00	11.0	8.9	0	180	18
06/19/2001 14:07:00	11.3	8.6	0	168	17
06/19/2001 14:08:00	11.0	8.9	0	173	18
06/19/2001 14:09:00	10.9	8.9	0	183	19
06/19/2001 14:10:00	11.7	8.2	0	168	18
06/19/2001 14:11:00	11.7	8.3	0	130	27
06/19/2001 14:12:00	10.7	9.1	0	165	26
06/19/2001 14:13:00	10.9	9.0	0	195	22
06/19/2001 14:14:00	10.8	9.0	0	190	23
06/19/2001 14:15:00	10.5	9.3	0	182	27
06/19/2001 14:16:00	9.7	10.0	0	186	24
06/19/2001 14:17:00	8.6	10.9	0	233	16
06/19/2001 14:18:00	8.7	10.8	0	245	11
06/19/2001 14:19:00	9.5	10.0	0	222	12
06/19/2001 14:20:00	10.2	9.4	0	183	13
06/19/2001 14:21:00	10.2	9.5	0	186	13
06/19/2001 14:22:00	10.6	9.1	0	162	13
06/19/2001 14:23:00	11.2	8.7	0	126	17
06/19/2001 14:24:00	10.6	9.2	0	131	22
Period Average =	10.6	9.2	0	169	18
Period Max Value =	11.7	10.9	0	245	27
Period Min Value =	8.6	8.2	0	125	11
Period Totals =	3.1860E+2	2.7500E+2	0.0000E+0	5.0530E+3	5.3800E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Euchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility

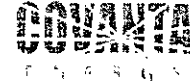
Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Econ RATA  
 Start of Report: 06/19/2001 13:55:00  
 End of Report: 06/19/2001 14:24:00

Validation: Valid Data Only

Group#-Channel#	G75-C11	G75-C12	G75-C19	G75-C26	G75-C27
Long Descrip.	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON
Short Descrip.	CO2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	PPMC	PPMC	PPMC
Range	0-25	0-20	0-2000	0-1000	0-4000
06/19/2001 13:55:00	10.7	9.4	33	14	14
06/19/2001 13:58:00	10.2<	9.8<	42<	16<	16<
06/19/2001 13:59:00	10.3	9.7	46	14	13
06/19/2001 14:00:00	10.8	9.3	40	15	15
06/19/2001 14:01:00	10.7	9.4	41	16	15
06/19/2001 14:02:00	10.8	9.3	44	18	18
06/19/2001 14:03:00	10.4	9.6	40	20	19
06/19/2001 14:04:00	10.5	9.6	36	24	23
06/19/2001 14:05:00	10.1	9.9	36	23	22
06/19/2001 14:06:00	10.7	9.3	33	16	16
06/19/2001 14:07:00	10.6	9.5	35	18	18
06/19/2001 14:08:00	10.3	9.7	34	18	17
06/19/2001 14:09:00	10.6	9.4	34	18	18
06/19/2001 14:10:00	11.7	8.6	33	17	17
06/19/2001 14:11:00	10.7	9.4	30	23	23
06/19/2001 14:12:00	10.2	9.8	30	23	22
06/19/2001 14:13:00	10.7	9.4	29	22	20
06/19/2001 14:14:00	10.1	9.9	27	24	24
06/19/2001 14:15:00	9.8	10.2	28	25	25
06/19/2001 14:16:00	8.2	11.5	28	21	21
06/19/2001 14:17:00	8.4	11.3	30	16	14
06/19/2001 14:18:00	8.9	10.9	32	12	13
06/19/2001 14:19:00	9.9	10.0	33	13	14
06/19/2001 14:20:00	9.8	10.1	30	14	14
06/19/2001 14:21:00	10.2	9.7	34	14	14
06/19/2001 14:22:00	10.5	9.5	32	15	13
06/19/2001 14:23:00	10.6	9.5	30	16	15
06/19/2001 14:24:00	10.4	9.6	32	19	17
<b>Period Average =</b>	10.2	9.8	34	18	18
<b>Period Max Value =</b>	11.7	11.5	46	25	25
<b>Period Min Value =</b>	8.2	8.6	27	12	13
<b>Period Totals =</b>	2.8630E+2	2.7330E+2	9.5200E+2	5.0400E+2	4.9000E+2
<b>Period % Recovery =</b>	96.6	96.6	96.6	96.6	96.6

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility

Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Econ RATA  
 Start of Report: 06/19/2001 14:42:00  
 End of Report: 06/19/2001 15:11:00

*Run to*

Validation: Valid Data Only

Group#-Channel#	G75-C11	G75-C12	G75-C19	G75-C28	G75-C27
Long Descrip.	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON
Short Descrip.	CO2e	CO2e	SO2ec	CO2c-L	CO2c-R
Units	%	%	PPMC	PPMC	PPMC
Range	0-25	0-20	0-2000	0-1000	0-1000
06/19/2001 14:42:00	8.9	11.0	32	10	10
06/19/2001 14:43:00	10.1	9.9	33	12	12
06/19/2001 14:44:00	10.7	9.4	31	12	12
06/19/2001 14:45:00	11.1	9.2	34	14	14
06/19/2001 14:46:00	10.4	9.8	34	17	17
06/19/2001 14:47:00	8.8	11.0	36	17	16
06/19/2001 14:48:00	9.3	10.7	35	11	11
06/19/2001 14:49:00	10.2	9.8	35	10	9
06/19/2001 14:50:00	10.8	9.4	34	11	11
06/19/2001 14:51:00	11.1	9.1	35	14	13
06/19/2001 14:52:00	10.6	9.4	37	17	17
06/19/2001 14:53:00	10.2	9.9	34	16	16
06/19/2001 14:54:00	10.8	9.3	34	15	15
06/19/2001 14:55:00	10.4	9.8	34	16	16
06/19/2001 14:58:00	10.4<	9.6<	38<	15<	15<
06/19/2001 14:59:00	10.7	9.3	40	16	18
06/19/2001 15:00:00	10.7	9.4	38	16	18
06/19/2001 15:01:00	10.4	9.5	36	16	17
06/19/2001 15:02:00	10.6	9.5	32	16	16
06/19/2001 15:03:00	10.5	9.5	33	16	16
06/19/2001 15:04:00	10.7	9.3	34	15	14
06/19/2001 15:05:00	10.1	9.8	31	17	17
06/19/2001 15:06:00	10.3	9.5	30	16	16
06/19/2001 15:07:00	11.3	8.7	29	14	14
06/19/2001 15:08:00	10.6	9.3	30	16	16
06/19/2001 15:09:00	10.8	9.1	29	15	15
06/19/2001 15:10:00	10.2	9.7	27	17	17
06/19/2001 15:11:00	9.7	10.1	26	17	17
Period Average =	10.4	9.6	33	15	15
Period Max Value =	11.3	11.0	40	17	18
Period Min Value =	8.8	8.7	26	10	9
Period Totals =	2.9060E+2	2.7000E+2	9.3100E+2	4.1400E+2	4.1500E+2
Period % Recovery =	96.6	96.5	96.6	96.6	96.6

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Stk RATA  
 Start of Report: 06/19/2001 14:42:00  
 End of Report: 06/19/2001 15:11:00

Validation: Valid Data Only

Group#-Channel#	G75-C1	G75-C2	G75-C18	G75-C20	G75-C23
Long Descrip.	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	PPMC	ppmc	PPMC
Range	0-25	0-20	0-500	0-1000	0-1000
06/19/2001 14:42:00	9.4	10.2	0	227	11
06/19/2001 14:43:00	9.8	9.8	0	228	11
06/19/2001 14:44:00	11.0	8.9	0	154	13
06/19/2001 14:45:00	11.1	8.8	0	111	16
06/19/2001 14:46:00	11.4	8.6	0	78	20
06/19/2001 14:47:00	9.7	10.0	0	137	20
06/19/2001 14:48:00	9.6	10.1	0	208	11
06/19/2001 14:49:00	10.2	9.5	0	197	10
06/19/2001 14:50:00	11.1	8.8	0	139	13
06/19/2001 14:51:00	11.4	8.5	0	113	16
06/19/2001 14:52:00	11.6	8.4	0	103	19
06/19/2001 14:53:00	11.0	8.9	0	145	21
06/19/2001 14:54:00	10.9	9.0	0	189	15
06/19/2001 14:55:00	11.2	8.7	0	169	17
06/19/2001 14:56:00	10.0	9.6	0	182	17
06/19/2001 14:57:00	9.1	10.5	0	244	14
06/19/2001 14:58:00	10.1	9.5	0	230	13
06/19/2001 14:59:00	10.9	8.9	0	157	15
06/19/2001 15:00:00	11.1	8.6	0	130	18
06/19/2001 15:01:00	10.9	8.8	0	139	18
06/19/2001 15:02:00	11.2	8.6	0	145	17
06/19/2001 15:03:00	10.7	9.0	0	172	16
06/19/2001 15:04:00	10.9	8.8	0	195	15
06/19/2001 15:05:00	11.0	8.7	0	176	15
06/19/2001 15:06:00	10.3	9.3	0	207	14
06/19/2001 15:07:00	11.1	8.6	0	187	14
06/19/2001 15:08:00	11.3	8.4	0	113	16
06/19/2001 15:09:00	11.1	8.5	0	128	16
06/19/2001 15:10:00	10.9	8.7	0	135	17
06/19/2001 15:11:00	10.4	9.2	0	167	17
Period Average =	10.7	9.1	0	164	16
Period Max Value =	11.6	10.5	0	244	21
Period Min Value =	9.1	8.4	0	78	10
Period Totals =	3.2040E+2	2.7190E+2	0.0000E+0	4.9090E+3	4.8500E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905

Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Econ RATA  
 Start of Report: 06/19/2001 15:25:00  
 End of Report: 06/19/2001 15:54:00



Lee County Solid Waste  
 Resource Recovery Facility

*Eun 7*

Validation: Valid Data Only

Group#-Channel#	G75-C11		G75-C12		G75-C19		G75-C28		G75-C27	
Long Descrip.	1MIN	ECON	1MIN	ECON	1MIN	ECON	1MIN	ECON	1MIN	ECON
Short Descrip.	O2e		CO2e		SO2ec		COec-L		COec-H	
Units	%		%		PPMC		PPMC		PPMC	
Range	0-25		0-20		0-2000		0-1000		0-4000	
06/19/2001 15:25:00	10.4	9.6			38		17		17	
06/19/2001 15:26:00	10.4	9.6			40		17		17	
06/19/2001 15:27:00	9.5	10.4			39		16		16	
06/19/2001 15:28:00	9.6	10.3			36		12		12	
06/19/2001 15:29:00	10.4	9.6			38		11		11	
06/19/2001 15:30:00	10.5	9.6			41		13		13	
06/19/2001 15:31:00	11.0	9.1			45		14		14	
06/19/2001 15:32:00	11.3	8.9			45		20		19	
06/19/2001 15:33:00	11.1	9.0			41		20		18	
06/19/2001 15:34:00	11.2	9.0			39		21		20	
06/19/2001 15:35:00	11.0	9.1			35		20		20	
06/19/2001 15:36:00	10.8	9.3			34		18		18	
06/19/2001 15:37:00	10.6	9.4			31		18		18	
06/19/2001 15:38:00	10.3	9.7			30		18		17	
06/19/2001 15:39:00	10.5	9.6			32		19		17	
06/19/2001 15:40:00	9.5	10.4			34		18		17	
06/19/2001 15:41:00	9.7	10.2			40		15		15	
06/19/2001 15:42:00	10.4	9.6			41		16		16	
06/19/2001 15:43:00	11.2	9.0			39		17		17	
06/19/2001 15:44:00	10.2	9.8			36		21		21	
06/19/2001 15:45:00	10.1	9.8			39		19		18	
06/19/2001 15:46:00	10.3	9.7			35		21		21	
06/19/2001 15:47:00	10.3	9.7			38		20		20	
06/19/2001 15:48:00	10.7	9.3			38		18		18	
06/19/2001 15:49:00	10.9	9.3			36		19		19	
06/19/2001 15:50:00	10.5	9.6			36		21		20	
06/19/2001 15:51:00	10.5	9.6			32		16		16	
06/19/2001 15:52:00	10.9	9.2			33		18		18	
06/19/2001 15:53:00	10.8	9.3			37		19		19	
06/19/2001 15:54:00	10.4	9.6			36		17		17	
Period Average =	10.5	9.5			37		18		17	
Period Max Value =	11.3	10.4			45		21		21	
Period Min Value =	9.5	8.9			30		11		11	
Period Totals =	3.1500E+2	2.8630E+2	1.1160E+3	5.2900E+2	5.1900E+2					
Period % Recovery =	100.0	100.0	100.0	100.0	100.0					



# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Stk RATA  
 Start of Report: 06/19/2001 15:25:00  
 End of Report: 06/19/2001 15:54:00

Validation: Valid Data Only

Group#-Channel#	G75-C1	G75-C2	G75-C18	G75-C20	G75-C23
Long Descrip.	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	PPMC	ppmc	PPMC
Range	0-25	0-20	0-500	0-1000	0-1000
06/19/2001 15:25:00	10.7	9.0	0	179	18
06/19/2001 15:26:00	10.9	8.9	0	142	18
06/19/2001 15:27:00	10.6	9.1	0	128	19
06/19/2001 15:28:00	10.0	9.7	0	179	15
06/19/2001 15:29:00	10.5	9.3	0	194	11
06/19/2001 15:30:00	11.0	8.8	0	147	14
06/19/2001 15:31:00	10.9	8.8	0	135	15
06/19/2001 15:32:00	11.6	8.3	0	102	21
06/19/2001 15:33:00	11.6	8.3	0	82	24
06/19/2001 15:34:00	11.5	8.4	0	90	25
06/19/2001 15:35:00	11.3	8.5	0	116	20
06/19/2001 15:36:00	10.9	8.9	0	149	18
06/19/2001 15:37:00	10.9	8.9	0	172	17
06/19/2001 15:38:00	10.7	9.1	0	176	16
06/19/2001 15:39:00	10.6	9.2	0	174	18
06/19/2001 15:40:00	10.2	9.5	0	178	18
06/19/2001 15:41:00	9.9	9.8	0	203	15
06/19/2001 15:42:00	10.4	9.3	0	197	16
06/19/2001 15:43:00	11.2	8.7	0	165	17
06/19/2001 15:44:00	11.1	8.7	0	122	21
06/19/2001 15:45:00	10.3	9.4	0	160	20
06/19/2001 15:46:00	10.7	9.1	0	174	20
06/19/2001 15:47:00	10.4	9.3	0	181	21
06/19/2001 15:48:00	10.7	9.1	0	177	18
06/19/2001 15:49:00	11.2	8.6	0	149	19
06/19/2001 15:50:00	11.0	8.8	0	135	22
06/19/2001 15:51:00	10.8	9.0	0	149	18
06/19/2001 15:52:00	11.2	8.7	0	140	19
06/19/2001 15:53:00	11.2	8.6	0	133	20
Period Average =	10.8	9.0	0	153	18
Period Max Value =	11.6	9.8	0	203	25
Period Min Value =	9.9	8.3	0	82	11
Period Totals =	3.1400E+2	2.5980E-2	0.0000E+0	4.4280E+3	5.1300E-2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



*Run 8*

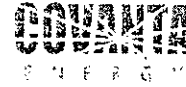
Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Stk RATE  
 Start of Report: 06/19/2001 16:09:00  
 End of Report: 06/19/2001 16:38:00

Validation: Valid Data Only

Group#-Channel#	G75-C1		G75-C2		G75-C18		G75-C20		G75-C23	
Long Descrip.	1MIN	STAC	1MIN	STAC	1MIN	STAC	1MIN	STAC	1MIN	STAC
Short Descrip.	O2s		CO2s		SO2sc		NOXsc		COsc	
Units	%		%		PPMC		ppmc		PPMC	
Range	0-25		0-20		0-500		0-1000		0-1000	
06/19/2001 16:09:00	10.4		9.4		0		169		17	
06/19/2001 16:10:00	10.8		9.1		0		146		18	
06/19/2001 16:11:00	10.7		9.2		0		143		19	
06/19/2001 16:12:00	10.7		9.1		0		147		16	
06/19/2001 16:13:00	11.0		8.9		0		171		15	
06/19/2001 16:14:00	11.2		8.7		0		163		17	
06/19/2001 16:15:00	10.3		9.4		0		193		13	
06/19/2001 16:16:00	10.1		9.6		0		206		14	
06/19/2001 16:17:00	9.9		9.8		0		214		13	
06/19/2001 16:18:00	10.5		9.3		0		192		12	
06/19/2001 16:19:00	10.7		9.1		0		150		15	
06/19/2001 16:20:00	11.1		8.8		0		129		16	
06/19/2001 16:21:00	11.2		8.8		0		126		23	
06/19/2001 16:22:00	11.0		8.9		0		110		25	
06/19/2001 16:23:00	10.5		9.3		0		126		21	
06/19/2001 16:24:00	10.1		9.6		0		160		15	
06/19/2001 16:25:00	10.7		9.2		0		179		15	
06/19/2001 16:26:00	10.2		9.5		0		183		17	
06/19/2001 16:27:00	10.3		9.5		0		197		14	
06/19/2001 16:28:00	10.6		9.3		0		197		15	
06/19/2001 16:29:00	11.0		8.9		0		159		17	
06/19/2001 16:30:00	10.9		8.9		0		153		18	
06/19/2001 16:31:00	10.9		9.0		0		170		17	
06/19/2001 16:32:00	10.7		9.1		0		166		19	
06/19/2001 16:33:00	9.7		9.9		0		204		15	
06/19/2001 16:34:00	10.4		9.3		0		208		12	
06/19/2001 16:35:00	10.8		9.0		0		175		12	
06/19/2001 16:36:00	11.1		8.8		0		145		14	
06/19/2001 16:37:00	11.1		8.8		0		145		18	
06/19/2001 16:38:00	10.6		9.2		0		147		20	
Period Average =	10.6		9.2		0		166		17	
Period Max Value =	11.2		9.9		0		214		25	
Period Min Value =	9.7		8.7		0		110		12	
Period Totals =	3.1920E+2		2.7540E+2		0.0000E+0		4.9750E+3		4.9600E+2	
Period % Recovery =	100.0		100.0		100.0		100.0		100.0	

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility

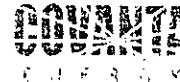
Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Econ RATA  
 Start of Report: 06/19/2001 16:09:00  
 End of Report: 06/19/2001 16:38:00

Validation: Valid Data Only

Group#-Channel#	G75-C11	G75-C12	G75-C19	G75-C23	G75-C27
Long Descrip.	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON
Short Descrip.	O2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	PPMC	PPMC	PPMC
Range	0-25	0-20	0-2000	0-1000	0-4000
06/19/2001 16:09:00	10.2	9.8	48	16	16
06/19/2001 16:10:00	10.1	9.9	49	18	17
06/19/2001 16:11:00	10.3	9.8	47	16	14
06/19/2001 16:12:00	10.2	9.9	48	14	14
06/19/2001 16:13:00	10.8	9.3	50	14	12
06/19/2001 16:14:00	9.8	10.3	46	15	15
06/19/2001 16:15:00	9.4	10.6	47	15	15
06/19/2001 16:16:00	9.0	10.9	46	12	12
06/19/2001 16:17:00	9.3	10.6	49	11	11
06/19/2001 16:18:00	9.9	10.1	48	11	11
06/19/2001 16:19:00	10.4	9.7	50	13	13
06/19/2001 16:20:00	10.3	9.8	50	14	14
06/19/2001 16:21:00	10.5	9.6	52	19	19
06/19/2001 16:22:00	10.1	9.9	51	21	19
06/19/2001 16:23:00	9.6	10.4	49	17	16
06/19/2001 16:24:00	9.8	10.2	51	14	14
06/19/2001 16:25:00	10.2	9.9	55	14	14
06/19/2001 16:26:00	9.7	10.3	57	15	15
06/19/2001 16:27:00	9.7	10.3	60	14	14
06/19/2001 16:28:00	10.4	9.7	61	15	15
06/19/2001 16:29:00	10.3	9.7	63	16	17
06/19/2001 16:30:00	10.1	10.0	66	15	17
06/19/2001 16:31:00	10.2	9.8	66	14	14
06/19/2001 16:32:00	9.5	10.5	67	15	15
06/19/2001 16:33:00	9.2	10.7	67	12	12
06/19/2001 16:34:00	10.2	9.8	61	10	10
06/19/2001 16:35:00	10.5	9.6	65	12	12
06/19/2001 16:36:00	10.5	9.6	69	13	13
06/19/2001 16:37:00	10.4	9.7	65	15	15
06/19/2001 16:38:00	9.1	10.7	66	16	16
Period Average =	10.0	10.0	56	15	14
Period Max Value =	10.8	10.9	69	21	19
Period Min Value =	9.0	9.3	46	10	10
Period Totals =	2.9970E+2	3.0110E+2	1.8690E+3	4.3600E+2	4.3100E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility

Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Econ RATA  
 Start of Report: 06/19/2001 16:53:00  
 End of Report: 06/19/2001 17:22:00

*Run 9*

Validation: Valid Data Only

Group#-Channel#	G75-C11		G75-C12		G75-C19		G75-C28		G75-C27	
Long Descrip.	1MIN	ECON	1MIN	ECON	1MIN	ECON	1MIN	ECON	1MIN	ECON
Short Descrip.	02e		CO2e		SO2ec		COec-L		COec-H	
Units	%		%		PPMC		PPMC		PPMC	
Range	0-25		0-20		0-2000		0-1000		0-1000	
06/19/2001 16:53:00	10.2	9.7	56	16	14					
06/19/2001 16:54:00	10.9	9.2	53	15	15					
06/19/2001 16:55:00	9.8	10.1	48	19	19					
06/19/2001 16:58:00	8.8<	10.9<	56<	15<	15<					
06/19/2001 16:59:00	9.8	10.2	59	13	13					
06/19/2001 17:00:00	9.7	10.2	61	16	16					
06/19/2001 17:01:00	10.1	10.0	66	15	17					
06/19/2001 17:02:00	10.5	9.6	68	16	16					
06/19/2001 17:03:00	10.7	9.4	67	16	16					
06/19/2001 17:04:00	10.6	9.5	70	18	18					
06/19/2001 17:05:00	10.3	9.7	64	18	18					
06/19/2001 17:06:00	9.8	10.1	63	21	20					
06/19/2001 17:07:00	10.4	9.7	64	17	17					
06/19/2001 17:08:00	10.8	9.3	66	23	22					
06/19/2001 17:09:00	10.6	9.5	55	20	19					
06/19/2001 17:10:00	10.7	9.4	56	20	19					
06/19/2001 17:11:00	10.4	9.7	50	21	20					
06/19/2001 17:12:00	10.1	10.0	49	27	27					
06/19/2001 17:13:00	9.1	10.8	52	20	19					
06/19/2001 17:14:00	8.6	11.2	53	16	16					
06/19/2001 17:15:00	8.3	11.5	56	14	14					
06/19/2001 17:16:00	8.0	11.7	54	11	11					
06/19/2001 17:17:00	8.5	11.3	55	11	12					
06/19/2001 17:18:00	9.6	10.3	52	11	11					
06/19/2001 17:19:00	9.8	10.1	49	11	11					
06/19/2001 17:20:00	10.3	9.8	50	12	12					
06/19/2001 17:21:00	10.4	9.6	52	16	16					
06/19/2001 17:22:00	10.8	9.4	52	19	18					
Period Average =	9.9	10.1	57	17	16					
Period Max Value =	10.9	11.7	70	27	27					
Period Min Value =	8.0	9.2	48	11	11					
Period Totals =	2.7760E+2	2.8190E+2	1.5960E+3	4.6700E+2	4.6100E+2					
Period % Recovery =	96.6	96.6	96.6	96.6	96.6					

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility



Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Stk RATA  
 Start of Report: 06/19/2001 16:53:00  
 End of Report: 06/19/2001 17:22:00

Validation: Valid Data Only

Group#-Channel#	G75-C1	G75-C2	G75-C1S	G75-C20	G75-C2S
Long Descrip.	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	PPMC	ppmc	PPMC
Range	0-25	0-20	0-500	0-1000	0-1000
06/19/2001 16:53:00	10.6	9.1	0	147	19
06/19/2001 16:54:00	11.3	8.5	0	156	17
06/19/2001 16:55:00	10.7	9.1	0	144	23
06/19/2001 16:56:00	10.1	9.5	0	184	13
06/19/2001 16:57:00	10.5	9.2	0	182	15
06/19/2001 16:58:00	10.4	9.3	0	173	16
06/19/2001 16:59:00	10.2	9.5	0	214	16
06/19/2001 17:00:00	10.3	9.4	0	189	18
06/19/2001 17:01:00	10.5	9.3	0	176	19
06/19/2001 17:02:00	10.7	9.2	0	151	19
06/19/2001 17:03:00	11.3	8.6	0	114	19
06/19/2001 17:04:00	11.3	8.6	0	117	22
06/19/2001 17:05:00	11.1	8.8	0	126	23
06/19/2001 17:06:00	10.5	9.3	0	155	25
06/19/2001 17:07:00	10.7	9.2	0	183	20
06/19/2001 17:08:00	11.1	8.8	0	167	24
06/19/2001 17:09:00	11.4	8.6	0	138	26
06/19/2001 17:10:00	11.2	8.7	0	153	24
06/19/2001 17:11:00	11.3	8.6	0	152	25
06/19/2001 17:12:00	11.2	8.7	0	150	24
06/19/2001 17:13:00	10.1	9.6	0	160	26
06/19/2001 17:14:00	9.8	9.8	0	205	20
06/19/2001 17:15:00	9.5	10.1	0	215	20
06/19/2001 17:16:00	8.9	10.6	0	235	14
06/19/2001 17:17:00	9.0	10.5	0	239	13
06/19/2001 17:18:00	9.8	9.8	0	223	13
06/19/2001 17:19:00	10.3	9.4	0	189	13
06/19/2001 17:20:00	10.7	9.1	0	173	14
06/19/2001 17:21:00	10.9	9.9	0	142	17
06/19/2001 17:22:00	11.1	8.7	0	119	20
Period Average =	10.6	9.2	0	169	20
Period Max Value =	11.4	10.6	0	239	14
Period Min Value =	8.9	8.5	0	114	13
Period Totals =	3.1650E+2	2.7650E+2	0.0000E+0	5.0710E+3	3.9700E+2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buckingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility

*Run 10*

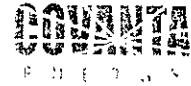
Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Stk RATA  
 Start of Report: 06/19/2001 17:36:00  
 End of Report: 06/19/2001 18:05:00

Validation: Valid Data Only

Group#-Channel#	G75-C1	G75-C2	G75-C1S	G75-C20	G75-C23
Long Descrip.	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC	1MIN STAC
Short Descrip.	O2s	CO2s	SO2sc	NOXsc	COsc
Units	%	%	PPMC	ppmc	PPMC
Range	0-25	0-20	0-500	0-1000	0-1000
06/19/2001 17:36:00	10.9	9.0	0	125	22
06/19/2001 17:37:00	10.8	9.0	0	128	19
06/19/2001 17:38:00	10.6	9.2	0	135	18
06/19/2001 17:39:00	10.5	9.3	0	147	21
06/19/2001 17:40:00	10.5	9.2	0	164	20
06/19/2001 17:41:00	10.8	9.0	0	160	19
06/19/2001 17:42:00	10.9	8.9	0	154	21
06/19/2001 17:43:00	10.7	9.1	0	173	20
06/19/2001 17:44:00	10.9	8.9	0	168	19
06/19/2001 17:45:00	10.9	8.9	0	156	19
06/19/2001 17:46:00	10.9	8.9	0	163	18
06/19/2001 17:47:00	10.9	8.9	0	163	19
06/19/2001 17:48:00	10.5	9.2	0	160	20
06/19/2001 17:49:00	10.6	9.2	0	198	15
06/19/2001 17:50:00	11.2	8.7	0	156	20
06/19/2001 17:51:00	10.3	9.4	0	155	22
06/19/2001 17:52:00	10.4	9.4	0	183	20
06/19/2001 17:53:00	11.0	8.8	0	164	18
06/19/2001 17:54:00	10.6	9.3	0	158	24
06/19/2001 17:55:00	10.3	9.4	0	159	20
06/19/2001 17:56:00	9.9	9.8	0	184	16
06/19/2001 17:57:00	9.9	9.9	0	220	14
06/19/2001 17:58:00	10.5	9.3	0	198	13
06/19/2001 17:59:00	10.6	9.2	0	169	18
06/19/2001 18:00:00	10.9	9.0	0	145	18
06/19/2001 18:01:00	10.3	9.5	0	146	17
06/19/2001 18:02:00	9.9	9.6	0	184	13
06/19/2001 18:03:00	10.4	9.4	0	176	15
06/19/2001 18:04:00	11.0	8.9	0	131	17
06/19/2001 18:05:00	10.3	9.5	0	144	19
Period Average =	10.6	9.2	0	162	18
Period Max Value =	11.2	9.9	0	220	24
Period Min Value =	9.9	8.7	0	125	13
Period Totals =	3.1790E+2	2.7600E+2	0.0000E+0	4.6660E+3	5.8300E-2
Period % Recovery =	100.0	100.0	100.0	100.0	100.0

# Data Summary Report

Company: Covanta Lee, Inc.  
 10500 Buchingham Road  
 Fort Myers, FL 33905



Lee County Solid Waste  
 Resource Recovery Facility

Data Group: U2\_1 MIN DATA  
 Report Name: U-2 Econ RATA  
 Start of Report: 06/19/2001 17:36:00  
 End of Report: 06/19/2001 18:05:00

Validation: Valid Data Only

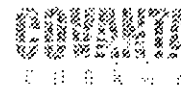
Group#-Channel#	G75-C11	G75-C12	G75-C19	G75-C25	G75-C27
Long Descrip.	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON	1MIN ECON
Short Descrip.	CO2e	CO2e	SO2ec	COec-L	COec-H
Units	%	%	PPMC	PPMC	PPMC
Range	0-25	0-20	0-2000	0-1000	0-4000
06/19/2001 17:36:00	10.8	9.3	70	22	21
06/19/2001 17:37:00	10.6	9.5	67	18	18
06/19/2001 17:38:00	10.4	9.7	66	19	19
06/19/2001 17:39:00	10.4	9.7	65	20	20
06/19/2001 17:40:00	10.6	9.5	63	20	19
06/19/2001 17:41:00	10.4	9.6	66	21	20
06/19/2001 17:42:00	10.5	9.6	67	21	20
06/19/2001 17:43:00	10.4	9.6	66	20	20
06/19/2001 17:44:00	10.6	9.4	62	19	19
06/19/2001 17:45:00	10.5	9.5	65	19	17
06/19/2001 17:46:00	10.4	9.6	68	17	17
06/19/2001 17:47:00	10.4	9.7	69	19	17
06/19/2001 17:48:00	9.6	10.3	68	17	16
06/19/2001 17:49:00	10.6	9.4	70	15	15
06/19/2001 17:50:00	10.5	9.6	68	20	20
06/19/2001 17:51:00	9.8	10.2	66	21	21
06/19/2001 17:52:00	10.3	9.8	64	20	18
06/19/2001 17:53:00	10.6	9.6	61	19	19
06/19/2001 17:54:00	10.0	10.0	60	23	22
06/19/2001 17:55:00	9.7	10.3	58	17	17
06/19/2001 17:56:00	10.2<	9.9<	69<	14<	14<
06/19/2001 17:59:00	10.2	9.8	71	16	16
06/19/2001 18:00:00	10.4	9.7	68	16	16
06/19/2001 18:01:00	9.7	10.3	62	16	16
06/19/2001 18:02:00	9.8	10.2	64	13	13
06/19/2001 18:03:00	10.5	9.6	63	15	15
06/19/2001 18:04:00	10.3	9.8	54	16	16
06/19/2001 18:05:00	9.8	10.2	53	16	15
Period Average =	10.3	9.8	65	18	18
Period Max Value =	10.8	10.3	71	23	22
Period Min Value =	9.6	9.3	53	13	13
Period Totals =	2.8800E+2	2.7340E+2	1.8140E+3	5.0900E+2	4.9600E+2
Period % Recovery =	96.6	96.6	96.6	96.6	96.6

**APPENDIX D**

**Seven-Day Calibration Drift Data**



# Calibration Report



Lee County Solid Waste  
Resource Recovery Facility

Company: Covanta Lee, Inc.  
10500 Buchingham Road  
Suite 400  
Fort Myers, FL

Stack Designation: UNIT #1  
Parameter: SO2s 1  
Units: ppm  
Serial #: 93-721M-8056-7.  
Start of Report: 06/21/01 00:00  
End of Report: 06/28/01 23:59

## ZERO READINGS

## SPAN READINGS

ZERO READINGS				SPAN READINGS				STATUS								
START	STOP	EXPECT.	ACTUAL	ERROR	%	START	STOP		EXPECT.	ACTUAL	ERROR	%				
06/21/01	06:10	06/21/01	06:15	0.00	0.00	0.00	0.0	06/21/01	06:15	06/21/01	06:20	90.20	89.25	-0.95	-0.1	OK
06/22/01	06:10	06/22/01	06:15	0.00	0.50	0.50	0.1	06/22/01	06:15	06/22/01	06:20	90.20	89.25	-0.95	-0.1	OK
06/23/01	06:10	06/23/01	06:15	0.00	-0.50	-0.50	-0.1	06/23/01	06:15	06/23/01	06:20	90.20	89.00	-1.20	-0.2	OK
06/24/01	06:10	06/24/01	06:15	0.00	-0.25	-0.25	-0.0	06/24/01	06:15	06/24/01	06:20	90.20	89.75	-1.45	-0.2	OK
06/25/01	06:10	06/25/01	06:15	0.00	-0.50	-0.50	-0.1	06/25/01	06:15	06/25/01	06:20	90.20	89.00	-1.20	-0.2	OK
06/26/01	06:10	06/26/01	06:15	0.00	-0.50	-0.50	-0.1	06/26/01	06:15	06/26/01	06:20	90.20	89.00	-1.20	-0.2	OK
06/27/01	06:10	06/27/01	06:15	0.00	-1.00	-1.00	-0.2	06/27/01	06:15	06/27/01	06:20	90.20	88.75	-1.45	-0.2	OK
06/28/01	06:10	06/28/01	06:15	0.00	-1.25	-1.25	-0.2	06/28/01	06:15	06/28/01	06:20	90.20	89.50	-0.70	-0.1	OK

# Calibration Report

00000000  
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Lee County Solid Waste  
Resource Recovery Facility  
~~~~~

Company: Covanta Lee, Inc.  
10500 Buchanan Road  
Suite 400  
Fort Myers, FL  
Stack Designation: UNIT #2  
Parameter: SO2s 2  
Units: ppm  
Serial #: 93-72LM-8056-6.  
Start of Report: 06/21/01 00:00  
End of Report: 06/28/01 23:59

## ZERO READINGS

| START          | STOP           | EXPECT. | ACTUAL | ERROR | %    |
|----------------|----------------|---------|--------|-------|------|
| 06/21/01 06:35 | 06/21/01 06:40 | 0.00    | -0.75  | -0.75 | -0.1 |
| 06/22/01 06:35 | 06/22/01 06:40 | 0.00    | -0.25  | -0.25 | -0.0 |
| 06/23/01 06:35 | 06/23/01 06:40 | 0.00    | -0.75  | -0.75 | -0.1 |
| 06/24/01 06:35 | 06/24/01 06:40 | 0.00    | -0.25  | -0.25 | -0.0 |
| 06/25/01 06:35 | 06/25/01 06:40 | 0.00    | -0.25  | -0.25 | -0.0 |
| 06/26/01 06:35 | 06/26/01 06:40 | 0.00    | 0.00   | 0.00  | 0.0  |
| 06/27/01 06:35 | 06/27/01 06:40 | 0.00    | 0.00   | 0.00  | 0.0  |
| 06/28/01 06:35 | 06/28/01 06:40 | 0.00    | 0.00   | 0.00  | 0.0  |

## SPAN READINGS

| START          | STOP           | EXPECT. | ACTUAL | ERROR | %    | STATUS |
|----------------|----------------|---------|--------|-------|------|--------|
| 06/21/01 06:40 | 06/21/01 06:45 | 90.20   | 89.75  | -0.45 | -0.0 | OK     |
| 06/22/01 06:40 | 06/22/01 06:45 | 90.20   | 89.50  | -0.70 | -0.1 | OK     |
| 06/23/01 06:40 | 06/23/01 06:45 | 90.20   | 89.25  | -0.95 | -0.1 | OK     |
| 06/24/01 06:40 | 06/24/01 06:45 | 90.20   | 89.50  | -0.70 | -0.1 | OK     |
| 06/25/01 06:40 | 06/25/01 06:45 | 90.20   | 90.00  | -0.20 | -0.0 | OK     |
| 06/26/01 06:40 | 06/26/01 06:45 | 90.20   | 90.50  | 0.30  | 0.0  | OK     |
| 06/27/01 06:40 | 06/27/01 06:45 | 90.20   | 90.50  | 0.30  | 0.0  | OK     |
| 06/28/01 06:40 | 06/28/01 06:45 | 90.20   | 90.25  | 0.05  | 0.0  | OK     |

194

**APPENDIX E**

**Pertinent Calibration Data**

BOC GASES  
600 Union Landing Road  
Riverton, NJ 08077  
(609) 829 7878

Preliminary  
**CERTIFICATE OF ANALYSIS**  
EPA Protocol Gas

CUSTOMER  
BOC RTP NC PLT  
11 TRIANGLE DRIVE  
RESEARCH TRI PK, NC 277090000

CYLINDER NO : XC017944B  
EXPIRATION DATE : 01/16/04  
CERTIFICATION DATE : 01/16/01  
CYLINDER PRESSURE : 2000 psig  
PRODUCT ID NO : 02000838  
LOT NUMBER : 422851

CUSTOMER PO NO:

Previous Certification Date(s):

**ANALYTICAL INFORMATION**

This calibration standard has been certified per the 1997 EPA Traceability Protocol, Document EPA-600/97/121, Using Procedure G1. All Values certified to be + 1% NIST Traceable.

Do Not Use This Cylinder below 150 psig. i.e. 1.0 Megapascal

| Analytical Results |                   |                         |                          |                     |
|--------------------|-------------------|-------------------------|--------------------------|---------------------|
| Components         | Requested Mixture | Certified Concentration | Analytical Uncertainty   | Assay Dates         |
| CARBON MONOXIDE    | 30.00 ppm         | 30.31 ppm               | +/- 1.00% NIST Traceable | 01/09/01 & 01/16/01 |
| NITROGEN           | BALANCE GAS       |                         |                          |                     |

**CALIBRATION STANDARDS USED IN ASSAY**

| Type       | LOT ID   | Cylinder No | Concentration            | Expiration |
|------------|----------|-------------|--------------------------|------------|
| NTRM 81678 | 98060212 | XC012001B   | 49.59 +/- 0.40 ppm CO/N2 | 02/01/02   |

**ANALYTICAL INSTRUMENTS USED IN ASSAY**

| Instrument/Make/Model | Analytical Principle   | Last Multi-point Calibration |
|-----------------------|------------------------|------------------------------|
| Siemens 6E N1-L9-0131 | NonDispersive Infrared | 01/04/01                     |



# Scott Specialty Gases

1750 EAST CLUB BLVD, DURHAM, NC 27704

## RATA CLASS

Dual-Analyzed Calibration Standard

Phone: 919-220-0803

Fax: 919-220-0808

### CERTIFICATE OF ACCURACY: Interference Free <sup>TM</sup> EPA Protocol Gas

#### Assay Laboratory

SCOTT SPECIALTY GASES  
1750 EAST CLUB BLVD  
DURHAM, NC 27704

P.O. No.: BILL HARRIS  
Project No.: 12-37047-002

#### Customer

TESTAR, INC  
BILL HARRIS  
7424 ACC BLVD  
SUITE 108  
RALEIGH NC 27613

#### ANALYTICAL INFORMATION

This certification was performed according to EPA Traceability Protocol For Assay & Certification of Gaseous Calibration Standards; Procedure #G1; September, 1997.

Cylinder Number: CALI1516      Certification Date: 1/04/00      Exp. Date: 1/04/2003  
Cylinder Pressure\*\*\*: 1754 PSIG

| COMPONENT       | CERTIFIED CONCENTRATION (Moles) | ANALYTICAL ACCURACY** | TRACEABILITY        |
|-----------------|---------------------------------|-----------------------|---------------------|
| CARBON MONOXIDE | 61.95 PPM                       | +/- 1%                | Direct NIST and NMI |
| NITROGEN        | BALANCE                         |                       |                     |

\*\*\* Do not use when cylinder pressure is below 150 psig.

\*\* Analytical accuracy is based on the requirements of EPA Protocol procedure G1, September 1997.

Product certified as +/- 1% analytical accuracy is directly traceable to NIST or NMI standards.

#### REFERENCE STANDARD

| TYPE/SRM NO. | EXPIRATION DATE | CYLINDER NUMBER | CONCENTRATION | COMPONENT |
|--------------|-----------------|-----------------|---------------|-----------|
| NTRM 1679    | 1/01/03         | AAL19020        | 101.7 PPM     | CO/N2     |

#### INSTRUMENTATION

| INSTRUMENT/MODEL/SERIAL#    | DATE LAST CALIBRATED | ANALYTICAL PRINCIPLE |
|-----------------------------|----------------------|----------------------|
| FTIR System/8220/AAB9400252 | 12/23/99             | Scott Enhanced FTIR  |

#### ANALYZER READINGS

(Z = Zero Gas    R = Reference Gas    T = Test Gas    r = Correlation Coefficient)

First Triad Analysis

Second Triad Analysis

Calibration Curve

#### CARBON MONOXIDE

| Date: 12/28/99      | Response Unit: PPM |             |  |
|---------------------|--------------------|-------------|--|
| Z1 = -0.063         | R1 = 101.57        | T1 = 61.984 |  |
| R2 = 101.71         | Z2 = 0.0197        | T2 = 61.967 |  |
| Z3 = 0.0049         | T3 = 61.962        | R3 = 101.83 |  |
| Avg. Concentration: | 61.97              | PPM         |  |

| Date: 01/04/00      | Response Unit: PPM |             |  |
|---------------------|--------------------|-------------|--|
| Z1 = -0.123         | R1 = 101.58        | T1 = 62.029 |  |
| R2 = 101.61         | Z2 = -0.081        | T2 = 61.756 |  |
| Z3 = -0.080         | T3 = 62.016        | R3 = 101.91 |  |
| Avg. Concentration: | 61.93              | PPM         |  |

|                                                                              |              |
|------------------------------------------------------------------------------|--------------|
| Concentration = A + Bx + Cx <sup>2</sup> + Dx <sup>3</sup> + Ex <sup>4</sup> |              |
| r = 0.999990                                                                 |              |
| Constants:                                                                   | A = 0.000000 |
| B = 1.000000                                                                 | C = 0.000000 |
| D = 0.000000                                                                 | E = 0.000000 |

APPROVED BY: B. M. Becton

B. M. Becton



# Scott Specialty Gases

1750 EAST CLUB BLVD, DURHAM, NC 27704

## RATA CLASS

Dual-Analyzed Calibration Standard

Phone: 919-220-0803

Fax: 919-220-0808

### CERTIFICATE OF ACCURACY: Interference Free <sup>TM</sup> EPA Protocol Gas

#### Assay Laboratory

SCOTT SPECIALTY GASES  
1750 EAST CLUB BLVD  
DURHAM, NC 27704

P.O. No.: BILL HARRIS  
Project No.: 12-37047-003

#### Customer

TESTAR, INC  
BILL HARRIS  
7424 ACC BLVD  
SUITE 108  
RALEIGH NC 27613

#### ANALYTICAL INFORMATION

This certification was performed according to EPA Traceability Protocol For Assay & Certification of Gaseous Calibration Standards; Procedure #G1; September, 1997.

Cylinder Number: CLM005559      Certification Date: 1/04/00      Exp. Date: 1/04/2003  
Cylinder Pressure\*\*\*: 1910 PSIG

#### COMPONENT

CARBON MONOXIDE  
NITROGEN

#### CERTIFIED CONCENTRATION (Moles)

90.82 PPM  
BALANCE

#### ANALYTICAL

#### ACCURACY\*\*

+/- 1%

#### TRACEABILITY

Direct NIST and NMI

\*\*\* Do not use when cylinder pressure is below 150 psig.

\*\* Analytical accuracy is based on the requirements of EPA Protocol procedure G1, September 1997.

Product certified as +/- 1% analytical accuracy is directly traceable to NIST or NMI standards.

#### REFERENCE STANDARD

| TYPE/SRM NO. | EXPIRATION DATE | CYLINDER NUMBER | CONCENTRATION | COMPONENT |
|--------------|-----------------|-----------------|---------------|-----------|
| SRM 1679     | 1/01/03         | AAL19020        | 101.7 PPM     | CO/N2     |

#### INSTRUMENTATION

INSTRUMENT/MODEL/SERIAL#  
FTIR System/8220/AAB9400252

DATE LAST CALIBRATED  
12/23/99

ANALYTICAL PRINCIPLE  
Scott Enhanced FTIR

#### ANALYZER READINGS

(Z = Zero Gas    R = Reference Gas    T = Test Gas    r = Correlation Coefficient)

First Triad Analysis

Second Triad Analysis

Calibration Curve

#### CARBON MONOXIDE

| Date: 12/28/99      | Response Unit: PPM |             |  |
|---------------------|--------------------|-------------|--|
| Z1 = -0.063         | R1 = 101.57        | T1 = 90.917 |  |
| R2 = 101.71         | Z2 = 0.0197        | T2 = 90.985 |  |
| Z3 = 0.0049         | T3 = 91.027        | R3 = 101.83 |  |
| Avg. Concentration: | 90.98              | PPM         |  |

| Date: 01/04/00      | Response Unit: PPM |             |  |
|---------------------|--------------------|-------------|--|
| Z1 = -0.123         | R1 = 101.58        | T1 = 90.509 |  |
| R2 = 101.61         | Z2 = -0.081        | T2 = 90.607 |  |
| Z3 = -0.080         | T3 = 90.867        | R3 = 101.91 |  |
| Avg. Concentration: | 90.66              | PPM         |  |

|                                                                              |              |  |  |
|------------------------------------------------------------------------------|--------------|--|--|
| Concentration = A + Bx + Cx <sup>2</sup> + Dx <sup>3</sup> + Ex <sup>4</sup> |              |  |  |
| r = 0.999990                                                                 |              |  |  |
| Constants:                                                                   | A = 0.000000 |  |  |
| B = 1.000000                                                                 | C = 0.000000 |  |  |
| D = 0.000000                                                                 | E = 0.000000 |  |  |

APPROVED BY:

B. M. Becton

**CERTIFICATE OF ANALYSIS**  
 EPA Protocol Gas

|                                 |                    |             |
|---------------------------------|--------------------|-------------|
| CUSTOMER                        | CYLINDER NO        | : XC012598B |
| BOC RTP NC PLT                  | EXPIRATION DATE    | : 03/14/04  |
| 11 TRIANGLE DRIVE               | CERTIFICATION DATE | : 03/14/01  |
| RESEARCH TRI PK, NC 277090000   | CYLINDER PRESSURE  | : 2000 psig |
|                                 | PRODUCT ID NO      | : 03000522  |
| CUSTOMER PO NO: TESTAR STOCK    | LOT NUMBER         | : 431686    |
| Previous Certification Date(s): |                    |             |

**ANALYTICAL INFORMATION**

This calibration standard has been certified per the 1997 EPA Traceability Protocol, Document EPA-600/97/121, Using Procedure G1. All Values certified to be +/-1% NIST Traceable.

Do Not Use This Cylinder below 150 psig, i.e. 1.0 Megapascal

**Analytical Results**

| Components     | Requested Mixture | Certified Concentration | Analytical Uncertainty  | Assay Dates         |
|----------------|-------------------|-------------------------|-------------------------|---------------------|
| CARBON DIOXIDE | 11.00 %           | 10.96 %                 | +/-1.00% NIST Traceable | 03/13/01            |
| OXYGEN         | 11.00 %           | 11.25 %                 | +/-1.00% NIST Traceable | 03/13/01 & 03/14/01 |
| NITROGEN       | BALANCE GAS       |                         |                         |                     |

**CALIBRATION STANDARDS USED IN ASSAY**

| Type       | LOT ID   | Cylinder No | Concentration          | Expiration |
|------------|----------|-------------|------------------------|------------|
| NTRM 81674 | 00060417 | XC018748B   | 6.89 +/- 0.04 % CO2/N2 | 02/01/04   |
| SRM 2658A  | 72-54-B  | CLM006584   | 9.68 +/- 0.10 % O2/N2  | 12/23/03   |

**ANALYTICAL INSTRUMENTS USED IN ASSAY**

| Instrument/Make/Model | Analytical Principle   | Last Multipoint Calibration |
|-----------------------|------------------------|-----------------------------|
| Siemens 5E DD721      | NonDispersive Infrared | 02/14/01                    |
| Siemens 5E BN805      | Paramagnetic           | 02/13/01                    |



**CERTIFICATE OF ACCURACY: EPA Protocol Gas**

Assay Laboratory

SCOTT SPECIALTY GASES  
1750 EAST CLUB BLVD  
DURHAM, NC 27704

P.O. No.: BILL HARRIS  
Project No.: 12-37047-001

Customer

TESTAR, INC  
BILL HARRIS  
7424 ACC BLVD  
SUITE 108  
RALEIGH NC 27613

**ANALYTICAL INFORMATION**

This certification was performed according to EPA Traceability Protocol For Assay & Certification of Gaseous Calibration Standards; Procedure #G1; September, 1997.

Cylinder Number: CLM003675      Certification Date: 1/04/00      Exp. Date: 1/04/2003  
Cylinder Pressure\*\*\*: 2000 PSIG

| COMPONENT      | CERTIFIED CONCENTRATION (Moles) |   | ANALYTICAL |                     |
|----------------|---------------------------------|---|------------|---------------------|
|                |                                 |   | ACCURACY** | TRACEABILITY        |
| CARBON DIOXIDE | 17.01                           | % | +/- 1%     | Direct NIST and NMI |
| OXYGEN         | 20.1                            | % | +/- 1%     | Direct NIST and NMI |
| NITROGEN       | BALANCE                         |   |            |                     |

\*\*\* Do not use when cylinder pressure is below 150 psig.

\*\* Analytical accuracy is based on the requirements of EPA Protocol procedure G1, September 1997.

Product certified as +/- 1% analytical accuracy is directly traceable to NIST or NMI standards.

**REFERENCE STANDARD**

| TYPE/SRM NO. | EXPIRATION DATE | CYLINDER NUMBER | CONCENTRATION | COMPONENT      |
|--------------|-----------------|-----------------|---------------|----------------|
| NTRM 18000   | 4/12/01         | ALM047671       | 17.95 %       | CARBON DIOXIDE |
| NTRM 2659    | 1/02/01         | ALM031720       | 20.72 %       | OXYGEN         |

**INSTRUMENTATION**

| INSTRUMENT/MODEL/SERIAL# | DATE LAST CALIBRATED | ANALYTICAL PRINCIPLE |
|--------------------------|----------------------|----------------------|
| VARIAN/3400/16804-CO2    | 12/20/99             | TCD                  |
| VARIAN/3400/16804-O2     | 12/22/99             | GC / TCD             |

**ANALYZER READINGS**

(Z = Zero Gas    R = Reference Gas    T = Test Gas    r = Correlation Coefficient)

First Triad Analysis

Second Triad Analysis

Calibration Curve

**CARBON DIOXIDE**

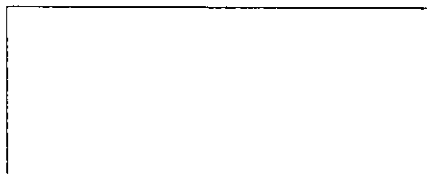
|                     |                    |             |
|---------------------|--------------------|-------------|
| Date: 01/03/00      | Response Unit: ACR |             |
| Z1 = 0.0000         | R1 = 11932.        | T1 = 11314. |
| R2 = 11942.         | Z2 = 0.0000        | T2 = 11319. |
| Z3 = 0.0000         | T3 = 11311         | R3 = 11949. |
| Avg. Concentration: | 17.01              | %           |



|                                          |              |
|------------------------------------------|--------------|
| Concentration = A + Bx - Cx2 + Dx3 + Ex4 |              |
| r = 0.999990                             |              |
| Constants:                               | A = 0.000000 |
| B = 1.000000                             | C = 0.000000 |
| D = 0.000000                             | E = 0.000000 |

**OXYGEN**

|                     |                    |             |
|---------------------|--------------------|-------------|
| Date: 12/30/99      | Response Unit: ACR |             |
| Z1 = 0.0000         | R1 = 52585.        | T1 = 50936. |
| R2 = 52953.         | Z2 = 0.0000        | T2 = 51065. |
| Z3 = 0.0000         | T3 = 51110.        | R3 = 52551. |
| Avg. Concentration: | 20.10              | %           |



|                                          |              |
|------------------------------------------|--------------|
| Concentration = A - Bx - Cx2 + Dx3 + Ex4 |              |
| r = 0.999990                             |              |
| Constants:                               | A = 0.000000 |
| B = 1.000000                             | C = 0.000000 |
| D = 0.000000                             | E = 0.000000 |

APPROVED BY:

*[Signature]*

B M SECTION



**CERTIFICATE OF ANALYSIS**  
EPA Protocol Gas

|                               |                    |             |
|-------------------------------|--------------------|-------------|
| CUSTOMER                      | CYLINDER NO        | : CC85599   |
| BOC RTP NC PLT                | EXPIRATION DATE    | : 03/08/03  |
| 11 TRIANGLE DRIVE             | CERTIFICATION DATE | : 03/08/01  |
| RESEARCH TRI PK, NC 277090000 | CYLINDER PRESSURE  | : 2000 psig |
|                               | PRODUCT ID NO      | : 02001597  |
| CUSTOMER PO NO: TESTAR STOCK  | LOT NUMBER         | : 431090    |

Previous Certification Date(s):

**ANALYTICAL INFORMATION**

This calibration standard has been certified per the 1997 EPA Traceability Protocol, Document EPA-600/97/121, Using Procedure G1. All Values certified to be +/-1% NIST Traceable.

Do Not Use This Cylinder below 150 psig, i.e. 1.0 Megapascal

**Analytical Results**

| Components            | Requested Mixture | Certified Concentration | Analytical Uncertainty  | Assay Dates         |
|-----------------------|-------------------|-------------------------|-------------------------|---------------------|
| NITRIC OXIDE          | 240.00 ppm        | 233.9 ppm               | +/-1.00% NIST Traceable | 02/28/01 & 03/08/01 |
| AL OXIDES OF NITROGEN |                   | 233.9 ppm               |                         |                     |
| NITROGEN              | BALANCE GAS       |                         |                         |                     |

**CALIBRATION STANDARDS USED IN ASSAY**

| Type       | LOT ID   | Cylinder No | Concentration             | Expiration |
|------------|----------|-------------|---------------------------|------------|
| NTRM 81685 | 98060708 | XC003547B   | 252.20 +/- 1.90 ppm NO/N2 | 05/01/02   |

**ANALYTICAL INSTRUMENTS USED IN ASSAY**

| Instrument/Make/Model  | Analytical Principle | Last Multipoint Calibration |
|------------------------|----------------------|-----------------------------|
| Nicolet 560 ADU9800406 | FTIR                 | 02/19/01                    |

Assay Laboratory

BOC GASES  
650 Union Landing RoadRiverton, NJ 08077  
(609) 329 7378

Preliminary  
**CERTIFICATE OF ANALYSIS Preliminary**  
 EPA Protocol Gas

|                                 |                    |             |
|---------------------------------|--------------------|-------------|
| CUSTOMER                        | CYLINDER NO        | : FF5397    |
| BOC RTP NC PLT                  | EXPIRATION DATE    | : 12/21/02  |
| 11 TRIANGLE DRIVE               | CERTIFICATION DATE | : 12/21/00  |
| RESEARCH TRI PK, NC 277090000   | CYLINDER PRESSURE  | : 2000 psig |
| SHIPPING # 135246               | PRODUCT ID NO      | : 02006629  |
| CUSTOMER PO NO: TESTAR          | LOT NUMBER         | : 418093    |
| Previous Certification Date(s): |                    |             |

### ANALYTICAL INFORMATION

This calibration standard has been certified per the 1997 EPA Traceability Protocol, Document EPA-600/97/121, Using Procedure G1. All Values certified to be + 1% NIST Traceable.

Do Not Use This Cylinder below 150 psig, i.e. 1.0 Megapascal

| Analytical Results |                   |                         |                         |                     |
|--------------------|-------------------|-------------------------|-------------------------|---------------------|
| Components         | Requested Mixture | Certified Concentration | Analytical Uncertainty  | Assay Dates         |
| NITRIC OXIDE       | 450.00 ppm        | 439.00 ppm              | +/-1.00% NIST Traceable | 12/11/00 & 12/20/00 |
| NITROGEN           | BALANCE GAS       |                         |                         |                     |

### CALIBRATION STANDARDS USED IN ASSAY

| Type       | LOT ID   | Cylinder No | Concentration             | Expiration |
|------------|----------|-------------|---------------------------|------------|
| NTRM 81686 | 98060511 | XC003509B   | 502.00 +/- 3.50 ppm NO/N2 | 02/01/02   |

### ANALYTICAL INSTRUMENTS USED IN ASSAY

| Instrument/Make/Model  | Analytical Principle | Last Multipoint Calibration |
|------------------------|----------------------|-----------------------------|
| Nicolet 560 ADU9800406 | FTIR                 | 11/20/00                    |

## CERTIFICATE OF ANALYSIS

### EPA Protocol Gas

|                               |                    |             |
|-------------------------------|--------------------|-------------|
| CUSTOMER                      | CYLINDER NO        | : XC016839B |
| BOC RTP NC PLT                | EXPIRATION DATE    | : 02/14/03  |
| 11 TRIANGLE DRIVE             | CERTIFICATION DATE | : 02/12/01  |
| RESEARCH TRI PK, NC 277090000 | CYLINDER PRESSURE  | : 2000 psig |
|                               | PRODUCT ID NO      | : 02005392  |
| CUSTOMER PO NO: TESTAR STOCK  | LOT NUMBER         | : 427369    |

Previous Certification Date(s):

### ANALYTICAL INFORMATION

This calibration standard has been certified per the 1997 EPA Traceability Protocol, Document EPA-600/97/121, Using Procedure G1. All Values certified to be +/-1% NIST Traceable.

Do Not Use This Cylinder below 150 psig. i.e. 1.0 Megapascal

### Analytical Results

| Components     | Requested Mixture | Certified Concentration | Analytical Uncertainty  | Assay Dates         |
|----------------|-------------------|-------------------------|-------------------------|---------------------|
| SULFUR DIOXIDE | 55.00 ppm         | 54.6 ppm                | +/-1.00% NIST Traceable | 02/05/01 & 02/13/01 |
| ARGON          | BALANCE GAS       |                         |                         |                     |

### CALIBRATION STANDARDS USED IN ASSAY

| Type       | LOT ID   | Cylinder No | Concentration                                      | Expiration |
|------------|----------|-------------|----------------------------------------------------|------------|
| NTRM 81693 | 06029405 | CC7139      | 44.40 +/- 0.70 ppm SO <sub>2</sub> /N <sub>2</sub> | 07/14/01   |

### ANALYTICAL INSTRUMENTS USED IN ASSAY

| Instrument/Make/Model  | Analytical Principle | Last Multipoint Calibration |
|------------------------|----------------------|-----------------------------|
| Nicolet 560 ADU9800406 | FTIR                 | 01/19/01                    |



# Scott Specialty Gases

1750 EAST CLUB BLVD, DURHAM, NC 27704

## RATA CLASS

Dual-Analyzed Calibration Standard

Phone: 800-772-6889

Fax: 215-766-7226

### CERTIFICATE OF ACCURACY: Interference Free <sup>TM</sup> EPA Protocol Gas

#### Assay Laboratory

SCOTT SPECIALTY GASES  
1750 EAST CLUB BLVD  
DURHAM, NC 27704

P.O. No.: 081600/BILL HARRIS  
Project No.: 12-39378-002

#### Customer

TESTAR, INC  
7424 ACC BLVD  
SUITE 108  
RALEIGH NC 27613

#### ANALYTICAL INFORMATION

This certification was performed according to EPA Traceability Protocol For Assay & Certification of Gaseous Calibration Standards; Procedure #G1; September, 1997.

Cylinder Number: ALM047968      Certification Date: 7/14/00      Exp. Date: 7/14/2002  
Cylinder Pressure\*\*\*: 1874 PSIG

#### ANALYTICAL

| COMPONENT        | CERTIFIED CONCENTRATION (Moles) | ACCURACY** | TRACEABILITY        |
|------------------|---------------------------------|------------|---------------------|
| SULFUR DIOXIDE * | 91.17 PPM                       | +/- 1%     | Direct NIST and NMI |
| NITROGEN         | BALANCE                         |            |                     |

\*\*\* Do not use when cylinder pressure is below 150 psig.

\*\* Analytical accuracy is based on the requirements of EPA Protocol procedure G1, September 1997.

Product certified as +/- 1% analytical accuracy is directly traceable to NIST or NMI standards.

\* This Protocol has been certified using corrected NIST SO2 standard values, per EPA guidance dated 7/24/96 and will not correlate with uncorrected Protocols.

#### REFERENCE STANDARD

| TYPE/SRM NO. | EXPIRATION DATE | CYLINDER NUMBER | CONCENTRATION | COMPONENT |
|--------------|-----------------|-----------------|---------------|-----------|
| NTRM 1694    | 11/01/02        | ALM057418       | 96.20 PPM     | SO2/N2    |

#### INSTRUMENTATION

| INSTRUMENT/MODEL/SERIAL#    | DATE LAST CALIBRATED | ANALYTICAL PRINCIPLE |
|-----------------------------|----------------------|----------------------|
| FTIR System/8220/AAB9400252 | 06/20/00             | Scott Enhanced FTIR  |

#### ANALYZER READINGS

(Z = Zero Gas    R = Reference Gas    T = Test Gas    r = Correlation Coefficient)

First Triad Analysis

Second Triad Analysis

Calibration Curve

#### SULFUR DIOXIDE \*

| Date: 07/07/00      | Response Unit: PPM |               |     |
|---------------------|--------------------|---------------|-----|
| Z1 = 0.01660        | R1 = 96.31702      | T1 = 90.95630 |     |
| R2 = 96.21209       | Z2 = 0.20360       | T2 = 90.78379 |     |
| Z3 = 0.17650        | T3 = 90.74279      | R3 = 96.07088 |     |
| Avg. Concentration: |                    | 90.83         | PPM |

| Date: 07/14/00      | Response Unit: PPM |               |     |
|---------------------|--------------------|---------------|-----|
| Z1 = -0.00440       | R1 = 96.18025      | T1 = 91.48323 |     |
| R2 = 96.17773       | Z2 = 0.17180       | T2 = 91.51889 |     |
| Z3 = 0.00620        | T3 = 91.55335      | R3 = 96.24200 |     |
| Avg. Concentration: |                    | 91.52         | PPM |

| Concentration = A + Bx - Cx <sup>2</sup> + Dx <sup>3</sup> + Ex <sup>4</sup> |              |
|------------------------------------------------------------------------------|--------------|
| r = 0.999990                                                                 |              |
| Constants:                                                                   | A = 0.000000 |
|                                                                              | B = 1.000000 |
|                                                                              | C = 0.000000 |
|                                                                              | D = 0.000000 |
|                                                                              | E = 0.000000 |

APPROVED BY:

*B. M. Becton*  
B. M. Becton

# RATA CLASS

Dual-Analyzed Calibration Standard



## Scott Specialty Gases

1750 EAST CLUB BLVD, DURHAM, NC 27704

Phone: 919-220-0803

Fax: 919-220-0808

### CERTIFICATE OF ACCURACY: Interference Free <sup>TM</sup> EPA Protocol Gas

#### Assay Laboratory

SCOTT SPECIALTY GASES  
1750 EAST CLUB BLVD  
DURHAM, NC 27704

P.O. No.: 041000HARRIS

Project No.: 12-38217-002

#### Customer

TESTAR, INC

7424 ACC BLVD  
SUITE 108  
RALEIGH NC 27613

#### ANALYTICAL INFORMATION

This certification was performed according to EPA Traceability Protocol For Assay & Certification of Gaseous Calibration Standards: Procedure #G1; September, 1997.

Cylinder Number: AAL3762

Certification Date: 4/27/00

Exp. Date: 4/27/2002

Cylinder Pressure\*\*\*: 2070 PSIG

#### ANALYTICAL

| COMPONENT        | CERTIFIED CONCENTRATION (Moles) | ACCURACY** | TRACEABILITY        |
|------------------|---------------------------------|------------|---------------------|
| SULFUR DIOXIDE * | 444.3 PPM                       | +/- 1%     | Direct NIST and NMI |
| NITROGEN         | BALANCE                         |            |                     |

\*\*\* Do not use when cylinder pressure is below 150 psig.

\*\* Analytical accuracy is based on the requirements of EPA Protocol procedure G1, September 1997.

Product certified as +/- 1% analytical accuracy is directly traceable to NIST or NMI standards.

\* This Protocol has been certified using corrected NIST SO2 standard values, per EPA guidance dated 7/24/96 and will not correlate with uncorrected Protocols.

#### REFERENCE STANDARD

| TYPE/SRM NO. | EXPIRATION DATE | CYLINDER NUMBER | CONCENTRATION | COMPONENT |
|--------------|-----------------|-----------------|---------------|-----------|
| NTRM1661     | 10/02/02        | ALM060840       | 488.5 PPM     | SO2/N2    |

#### INSTRUMENTATION

| INSTRUMENT/MODEL/SERIAL#    | DATE LAST CALIBRATED | ANALYTICAL PRINCIPLE |
|-----------------------------|----------------------|----------------------|
| FTIR System/8220/AAB9400252 | 04/18/00             | Scott Enhanced FTIR  |

#### ANALYZER READINGS

(Z=Zero Gas R=Reference Gas T=Test Gas r=Correlation Coefficient)

First Triad Analysis

Second Triad Analysis

Calibration Curve

#### SULFUR DIOXIDE \*

| Date: 04/20/00      | Response Unit: PPM      |
|---------------------|-------------------------|
| Z1 = 0.3181         | R1 = 488.32 T1 = 444.01 |
| R2 = 488.99         | Z2 = 0.4072 T2 = 443.51 |
| Z3 = 1.0578         | T3 = 443.27 R3 = 488.19 |
| Avg. Concentration: | 443.6 PPM               |

| Date: 04/27/00      | Response Unit: PPM      |
|---------------------|-------------------------|
| Z1 = -0.095         | R1 = 487.59 T1 = 444.85 |
| R2 = 488.72         | Z2 = 0.1323 T2 = 445.19 |
| Z3 = 0.9147         | T3 = 444.76 R3 = 489.18 |
| Avg. Concentration: | 444.9 PPM               |

|                                                                              |                           |
|------------------------------------------------------------------------------|---------------------------|
| Concentration = A + Bx + Cx <sup>2</sup> + Dx <sup>3</sup> + Ex <sup>4</sup> |                           |
| r = 0.999990                                                                 |                           |
| Constants:                                                                   | A = 0.000000              |
|                                                                              | B = 1.000000 C = 0.000000 |
|                                                                              | D = 0.000000 E = 0.000000 |

APPROVED BY:

B. M. Becton

**CERTIFICATE OF ANALYSIS**  
 EPA Protocol Gas

|                               |                    |             |
|-------------------------------|--------------------|-------------|
| CUSTOMER                      | CYLINDER NO        | : CC44990   |
| BOC RTP NC FLT                | EXPIRATION DATE    | : 01/16/04  |
| 11 TRIANGLE DRIVE             | CERTIFICATION DATE | : 01/16/01  |
| RESEARCH TR: PK, NC 277090000 | CYLINDER PRESSURE  | : 2000 psig |
|                               | PRODUCT ID NO      | : 02006615  |
| CUSTOMER PO NO:               | LOT NUMBER         | : 422962    |

Previous Certification Date(s):

**ANALYTICAL INFORMATION**

This calibration standard has been certified per the 1997 EPA Traceability Protocol, Document EPA-600/97/121, Using Procedure G1. All Values certified to be +/-1% NIST Traceable.

Do Not Use This Cylinder below 150 psig. i.e. 1.0 Megapascal

**Analytical Results**

| Components     | Requested Mixture | Certified Concentration | Analytical Uncertainty  | Assay Dates         |
|----------------|-------------------|-------------------------|-------------------------|---------------------|
| SULFUR DIOXIDE | 240.00 ppm        | 228.1 ppm               | +/-1.00% NIST Traceable | 01/09/01 & 01/16/01 |
| ARGON          | BALANCE GAS       |                         |                         |                     |

**CALIBRATION STANDARDS USED IN ASSAY**

| Type        | LOT ID   | Cylinder No | Concentration              | Expiration |
|-------------|----------|-------------|----------------------------|------------|
| NTRM 81661X | 98061110 | XC004978B   | 246.10 +/- 1.70 ppm SO2/N2 | 10/02/02   |

**ANALYTICAL INSTRUMENTS USED IN ASSAY**

| Instrument/Make/Model | Analytical Principle      | Last Multipoint Calibration |
|-----------------------|---------------------------|-----------------------------|
| Bovar 721-M 9379983   | NonDispersive Ultraviolet | 01/09/01                    |

Interference Test

Analyzer Type: TECO Model 48C  
 Serial Number: 48CHL60783-326

Span: 100  
 Date: 25-Apr-98

| Parameter | Concentration |     | Analyzer Response | % of Span |
|-----------|---------------|-----|-------------------|-----------|
| O2/N2     | 19.99         | %   | 0.1               | 0.1       |
| SO2/N2    | 956.8         | ppm | 0.0               | 0.0       |
| NOx/N2    | 442.0         | ppm | 0.0               | 0.0       |
| CO2/N2    | 17.35         | %   | 0.8               | 0.8       |
|           |               |     | Totals            | 0.9       |

Specification: Sum of Interference Responses Must Not Exceed  
 2% of Span

TESTAR, INC.

### Interference Test

Analyzer Type: Western Research  
 Serial Number: 721M-8064-6  
 Monitor Type: Sulfur Dioxide

Span: 500  
 Date: 25-Apr-98

| Parameter | Concentration |     | Analyzer Response | % of Span |
|-----------|---------------|-----|-------------------|-----------|
| CO/N2     | 891.0         | ppm | 0.0               | 0.0       |
| O2/N2     | 19.99         | ppm | 0.0               | 0.0       |
| NOx/N2    | 442.0         | %   | 0.0               | 0.0       |
| CO2/N2    | 17.35         | %   | 0.0               | 0.0       |
|           |               |     | Totals            | 0.0       |

Specification: Sum of Interference Responses Must Not Exceed  
 2% of Span

TESTAR, INC.



Interference Test

Analyzer Type: Western Research  
 Serial Number: 721M-8062-2  
 Monitor Type: Sulfur Dioxide

Span: 500  
 Date: 25-Apr-98

| Parameter | Concentration |     | Analyzer Response | % of Span |
|-----------|---------------|-----|-------------------|-----------|
| CO/N2     | 891.0         | ppm | 0.0               | 0.0       |
| O2/N2     | 19.99         | ppm | 0.0               | 0.0       |
| NOx/N2    | 442.0         | %   | 0.0               | 0.0       |
| CO2/N2    | 17.35         | %   | 0.0               | 0.0       |
|           |               |     | Totals            | 0.0       |

Specification: Sum of Interference Responses Must Not Exceed  
 2% of Span

TESTAR, INC.

Interference Test

Analyzer Type: Servomex 1420 O2  
 Serial Number: 1420/B180

Span: 25  
 Date: 25-Apr-98

| Parameter | Concentration |     | Analyzer Response | % of Span  |
|-----------|---------------|-----|-------------------|------------|
| CO/N2     | 891.0         | ppm | 0.0               | 0.0        |
| SO2/N2    | 956.8         | ppm | 0.0               | 0.0        |
| NOx/N2    | 442.0         | %   | 0.1               | 0.4        |
| CO2/N2    | 17.35         | %   | 0.0               | 0.0        |
|           |               |     | <b>Totals</b>     | <b>0.4</b> |

Specification: Sum of Interference Responses Must Not Exceed  
 2% of Span

TESTAR, INC.

### Interference Test

Analyzer Type: Servomex 1420 O2  
 Serial Number: 1420/B175

Span: 25  
 Date: 25-Apr-98

| Parameter | Concentration |     | Analyzer Response | % of Span  |
|-----------|---------------|-----|-------------------|------------|
| CO/N2     | 891.0         | ppm | 0.0               | 0.0        |
| SO2/N2    | 956.8         | ppm | 0.0               | 0.0        |
| NOx/N2    | 442.0         | %   | 0.1               | 0.4        |
| CO2/N2    | 17.35         | %   | 0.0               | 0.0        |
|           |               |     | <b>Totals</b>     | <b>0.4</b> |

Specification: Sum of Interference Responses Must Not Exceed  
 2% of Span

TESTAR, INC.

Interference Test

Analyzer Type: TECO 10S  
 Serial Number: 10S-45502-274

Span: 500  
 Date: 25-Apr-98

| Parameter | Concentration |     | Analyzer Response | % of Span |
|-----------|---------------|-----|-------------------|-----------|
| CO/N2     | 891.0         | ppm | 0.0               | 0.0       |
| SO2/N2    | 956.8         | ppm | 0.0               | 0.0       |
| CO2       | 17.35         | %   | 0.0               | 0.0       |
| O2        | 19.99         | %   | 0.0               | 0.0       |
|           |               |     | Totals            | 0.0       |

Specification: Sum of Interference Responses Must Not Exceed  
 2% of Span

TESTAR, INC.

Interference Test

Analyzer Type: TECO 10S  
 Serial Number: 10S-45501-274

Span: 500  
 Date: 25-Apr-98

| Parameter | Concentration |     | Analyzer Response | % of Span |
|-----------|---------------|-----|-------------------|-----------|
| CO/N2     | 891.0         | ppm | 0.0               | 0.0       |
| SO2/N2    | 956.8         | ppm | 0.0               | 0.0       |
| CO2       | 17.35         | %   | 0.0               | 0.0       |
| O2        | 19.99         | %   | 0.0               | 0.0       |
|           |               |     | Totals            | 0.0       |

Specification: Sum of Interference Responses Must Not Exceed  
 2% of Span

TESTAR, INC.

Interference Test

Analyzer Type: Fuji Model 3300  
 Serial Number: N3H8160T

Span: 20  
 Date: 25-Apr-98

| Parameter | Concentration |     | Analyzer Response | % of Span  |
|-----------|---------------|-----|-------------------|------------|
| CO/N2     | 891.0         | ppm | 0.0               | 0.0        |
| SO2/N2    | 956.8         | ppm | 0.0               | 0.0        |
| NOx/N2    | 442.0         | %   | 0.0               | 0.0        |
| O2        | 19.99         | %   | 0.0               | 0.0        |
|           |               |     | <b>Totals</b>     | <b>0.0</b> |

Specification: Sum of Interference Responses Must Not Exceed  
 2% of Span

TESTAR, INC.

### Interference Test

Analyzer Type: Fuji Model 3300  
 Serial Number: N3H8158T

Span: 20  
 Date: 25-Apr-98

| Parameter | Concentration |     | Analyzer Response | % of Span  |
|-----------|---------------|-----|-------------------|------------|
| CO/N2     | 891.0         | ppm | 0.0               | 0.0        |
| SO2/N2    | 956.8         | ppm | 0.0               | 0.0        |
| NOx/N2    | 442.0         | %   | 0.0               | 0.0        |
| O2        | 19.99         | %   | 0.0               | 0.0        |
|           |               |     | <b>Totals</b>     | <b>0.0</b> |

Specification: Sum of Interference Responses Must Not Exceed  
 2% of Span

TESTAR, INC.

**Covanta Projects, Inc.**  
A Covanta Energy Company  
40 Lane Road, CN 2615  
Fairfield, NJ 07007-2615  
Tel 973 882 9000  
Fax 973 882 4156

**COVANTA**  
ENERGY  
**RECEIVED**

AUG 17 2001

BUREAU OF AIR REGULATION

ENVIRONMENTAL TEST REPORT

VOLUME 3

PROCESS DATA - COV REPORT NO. 2681

August 3, 2001

PREPARED FOR: Covanta Lee, Inc.  
10500 Buckingham Road  
Suite 400  
Ft. Myers, FL 33905

REGULATORY AGENCY: Florida Department of Environmental Protection  
Title V Permit No. 0710119-001-AV.

PURPOSE: Determination of Compliance with Permitted  
Emission Limits and DEP Rule 62-96.416(3)(a)1.

TEST DATES: June 18-21, 2001

ASSOCIATED REPORT: COV Report No. 2617

**RECEIVED**

AUG 06 2001

D.E.P. - South District





CH 2 +00553650 1b  
CH 1 +00123000 1b  
DAILY  
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HOURLY  
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HOURLY  
23:00 06/18/01  
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HOURLY  
21:00 06/18/01  
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HOURLY  
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HOURLY  
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CH 2 AD G+06000 1b  
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CH 2 +00051750 1b  
HOURLY  
17:00 06/18/01  
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16:59 06/18/01  
CH 2 AD G+06550 1b  
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CH 2 AD G+06400 1b  
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CH 2 AD G+06400 1b  
16:14 06/18/01  
CH 2 AD G+07500 1b  
16:08 06/18/01  
CH 2 +00022100 1b  
HOURLY  
16:00 06/18/01  
CH 2 AD G+08000 1b  
15:50 06/18/01  
CH 2 AD G+06650 1b  
15:13 06/18/01  
CH 2 AD G+07450 1b  
15:07 06/18/01  
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HOURLY  
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CH 2 AD G+07250 1b  
14:59 06/18/01  
CH 2 AD G+06200 1b  
14:50 06/18/01  
CH 2 AD G+06900 1b  
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CH 2 AD G+05950 1b  
14:37 06/18/01  
CH 2 AD G+08050 1b  
14:22 06/18/01  
CH 2 AD G+06750 1b  
14:09 06/18/01  
CH 2 AD G+06750 1b

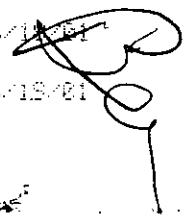
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CH 2 AD G+09300 1b  
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CH 2 AD G+07250 1b  
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CH 2 AD G+08000 1b  
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CH 2 +00053650 1b  
HOURLY  
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CH 2 AD G+06350 1b  
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CH 2 AD G+08050 1b  
12:47 06/18/01  
CH 2 AD G+08000 1b  
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CH 2 AD G+08900 1b  
12:13 06/18/01  
CH 2 AD G+08350 1b  
12:03 06/18/01  
CH 2 +00049650 1b  
HOURLY  
12:00 06/18/01  
CH 2 AD G+05700 1b  
11:51 06/18/01  
CH 2 AD G+04650 1b  
11:45 06/18/01  
CH 2 AD G+03550 1b  
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CH 2 AD G+04050 1b  
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CH 2 AD G+07050 1b  
11:10 06/18/01  
CH 2 AD G+06900 1b  
11:03 06/18/01  
CH 2 +00020650 1b  
HOURLY  
11:00 06/18/01  
CH 2 AD G+07200 1b  
10:49 06/18/01  
CH 2 AD G+08900 1b  
10:16 06/18/01  
CH 2 AD G+06650 1b  
10:10 06/18/01  
CH 2 AD G+07500 1b  
10:04 06/18/01  
CH 2 +00066350 1b  
HOURLY  
10:00 06/18/01  
CH 2 AD G+06150 1b  
09:59 06/18/01

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09:35 06/18/01  
 CH 2 AD G+00950 1b  
 09:26 06/18/01  
 CH 2 AD G+07500 1b  
 09:17 06/18/01  
 CH 2 AD G+06650 1b  
 09:08 06/18/01  
 CH 2 AD G+06650 1b  
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 CH 1 +00028600 1b  
 HOURLY  
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 CH 2 AD G+05500 1b  
 08:51 06/18/01  
 CH 2 AD G+06500 1b  
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 08:23 06/18/01  
 CH 2 AD G+07100 1b  
 08:18 06/18/01  
 CH 1 AD G+07400 1b  
 08:13 06/18/01  
 CH 1 AD G+07350 1b  
 08:10 06/18/01  
 CH 2 AD G+05000 1b  
 08:05 06/18/01  
 CH 1 AD G+06650 1b  
 08:02 06/18/01  
 CH 2 +00048200 1b  
 CH 1 +00017250 1b  
 HOURLY  
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 CH 2 AD G+07500 1b  
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 CH 2 AD G+06500 1b  
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 CH 1 AD G+06450 1b  
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 HOURLY  
 07:00 06/18/01  
 HOURLY  
 06:00 06/18/01  
 CH 2 +00029100 1b  
 CH 1 +00026300 1b  
 HOURLY  
 05:00 06/18/01  
 CH 2 AD G+06900 1b  
 04:25 06/18/01  
 CH 1 AD G+06850 1b  
 04:21 06/18/01  
 CH 2 AD G+06550 1b  
 04:17 06/18/01  
 CH 1 AD G+06800 1b  
 04:14 06/18/01  
 CH 2 AD G+06800 1b

04:04 06/18/01  
 CH 2 AD G+07050 1b  
 04:01 06/18/01  
 CH 2 +00036000 1b  
 CH 1 +00043350 1b  
 HOURLY  
 04:00 06/18/01  
 CH 2 AD G+07550 1b  
 03:55 06/18/01  
 CH 2 AD G+08200 1b  
 03:53 06/18/01  
 CH 1 AD G+07150 1b  
 03:50 06/18/01  
 CH 2 AD G+04600 1b  
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 CH 1 AD G+09500 1b  
 03:45 06/18/01  
 CH 2 AD G+05200 1b  
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 HOURLY  
 03:00 06/18/01  
 CH 1 AD G+00000 1b  
 02:57 06/18/01

HOURLY  
 02:00 06/18/01  
 HOURLY  
 01:00 06/18/01



CH 2 40 6-077500 16  
 CH 1 40 6-077500 16  
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HOURLY

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HOURLY

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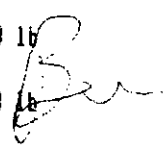


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08:44 06/21/01  
CH 2 AD G+06900 1b  
08:41 06/21/01  
CH 2 AD G+08300 1b  
08:26 06/21/01  
CH 2 AD G+08050 1b  
08:23 06/21/01  
CH 2 AD G+08000 1b  
08:14 06/21/01  
CH 2 AD G+06150 1b  
08:09 06/21/01  
CH 2 +00034350 1b  
HOURLY  
08:00 06/21/01  
CH 2 AD G+07650 1b  
07:52 06/21/01  
CH 2 AD G+06950 1b  
07:48 06/21/01  
CH 2 AD G+07300 1b  
07:42 06/21/01  
CH 2 AD G+07100 1b  
07:35 06/21/01  
CH 2 AD G+05350 1b  
07:20 06/21/01  
HOURLY  
07:00 06/21/01  
HOURLY  
06:00 06/21/01  
HOURLY  
05:00 06/21/01  
HOURLY  
04:00 06/21/01  
HOURLY  
03:00 06/21/01  
HOURLY  
02:00 06/21/01  
HOURLY  
01:00 06/21/01

CH 2 +00743700 1b  
 CH 1 +01333750 1b  
 DAILY  
 00:00 06/22/01  
 CH 2 +00049950 1b  
 CH 1 +00051300 1b  
 HOURLY  
 00:00 05/22/01  
 CH 2 AD 6+06000 1b  
 23:58 06/21/01  
 CH 1 AD 6+08050 1b  
 23:55 06/21/01  
 CH 1 AD 6+06000 1b  
 23:51 06/21/01  
 CH 2 AD 6+05450 1b  
 23:48 06/21/01  
 CH 2 AD 6+09500 1b  
 23:40 06/21/01  
 CH 1 AD 6+08550 1b  
 23:38 06/21/01  
 CH 1 AD 6+06350 1b  
 23:30 06/21/01  
 CH 2 AD 6+06550 1b  
 23:22 06/21/01  
 CH 1 AD 6+08400 1b  
 23:17 06/21/01  
 CH 2 AD 6+08150 1b  
 23:13 06/21/01  
 CH 1 AD 6+06600 1b  
 23:09 06/21/01  
 CH 2 AD 6+09050 1b  
 23:07 06/21/01  
 CH 1 AD 6+05950 1b  
 23:03 06/21/01  
 CH 2 AD 6+04450 1b  
 23:01 06/21/01  
 CH 2 +00049250 1b  
 CH 1 +00043000 1b  
 HOURLY  
 23:00 06/21/01  
 CH 2 AD 6+05600 1b  
 22:58 06/21/01  
 CH 1 AD 6+05650 1b  
 22:54 06/21/01  
 CH 2 AD 6+07200 1b  
 22:45 06/21/01  
 CH 1 AD 6+05750 1b  
 22:42 06/21/01  
 CH 1 AD 6+06050 1b  
 22:36 06/21/01  
 CH 2 AD 6+09450 1b  
 22:33 06/21/01  
 CH 1 AD 6+10900 1b  
 22:30 06/21/01  
 CH 2 AD 6+11550 1b  
 22:24 06/21/01

CH 1 AD 6+04150 1b  
 22:20 06/21/01  
 CH 1 AD 6+05900 1b  
 22:19 06/21/01  
 CH 2 AD 6+09600 1b  
 22:17 05/21/01  
 CH 1 AD 6+05400 1b  
 22:06 06/21/01  
 CH 2 AD 6+05050 1b  
 22:03 06/21/01  
 CH 2 +00053950 1b  
 CH 1 +00050250 1b  
 HOURLY  
 22:00 06/21/01  
 CH 1 AD 6+08700 1b  
 21:59 06/21/01  
 CH 1 AD 6+05950 1b  
 21:52 06/21/01  
 CH 2 AD 6+08950 1b  
 21:48 06/21/01  
 CH 1 AD 6+05950 1b  
 21:38 06/21/01  
 CH 2 AD 6+08600 1b  
 21:35 06/21/01  
 CH 1 AD 6+09250 1b  
 21:32 06/21/01  
 CH 2 AD 6+09100 1b  
 21:29 06/21/01  
 CH 1 AD 6+09400 1b  
 21:23 06/21/01  
 CH 2 AD 6+08050 1b  
 21:10 06/21/01  
 CH 1 AD 6+08750 1b  
 21:00 06/21/01  
 CH 1 AD 6+10250 1b  
 21:07 06/21/01  
 CH 2 AD 6+07000 1b  
 21:06 06/21/01  
 CH 2 AD 6+10550 1b  
 21:02 06/21/01  
 CH 2 +00055100 1b  
 CH 1 +00052950 1b  
 HOURLY  
 21:00 06/21/01  
 CH 1 AD 6+05150 1b  
 20:57 06/21/01  
 CH 2 AD 6+08050 1b  
 20:54 06/21/01  
 CH 1 AD 6+09200 1b  
 20:50 06/21/01  
 CH 2 AD 6+08050 1b  
 20:46 06/21/01  
 CH 1 AD 6+06900 1b  
 20:42 06/21/01  
 CH 2 AD 6+06300 1b  
 20:38 06/21/01  
 CH 1 AD 6+05500 1b  
 20:35 06/21/01  
 CH 2 AD 6+12150 1b  
 20:31 06/21/01



CH 1 AD 6+06650 1b  
20:26 06/21/01  
CH 1 AD 6+04950 1b  
20:23 06/21/01  
CH 2 AD 6+09650 1b  
20:19 06/21/01  
CH 1 AD 6+07850 1b  
20:15 06/21/01  
CH 2 AD 6+10100 1b  
20:11 06/21/01  
CH 1 AD 6+07350 1b  
20:08 06/21/01  
CH 2 +00042100 1b  
CH 1 +00042300 1b  
HOURLY  
20:00 06/21/01  
CH 2 AD 6+07850 1b  
19:48 06/21/01  
CH 1 AD 6+08900 1b  
19:42 06/21/01  
CH 2 AD 6+09750 1b  
19:34 06/21/01  
CH 1 AD 6+07350 1b  
19:30 06/21/01  
CH 1 AD 6+07300 1b  
19:27 06/21/01  
CH 2 AD 6+08300 1b  
19:20 06/21/01  
CH 1 AD 6+09200 1b  
19:16 06/21/01  
CH 2 AD 6+07200 1b  
19:12 06/21/01  
CH 1 AD 6+09550 1b  
19:09 06/21/01  
CH 2 AD 6+09000 1b  
19:05 06/21/01  
CH 2 +00054900 1b  
CH 1 +00063000 1b  
HOURLY  
19:00 06/21/01  
CH 1 AD 6+07450 1b  
18:56 06/21/01  
CH 2 AD 6+10400 1b  
18:51 06/21/01  
CH 1 AD 6+10200 1b  
18:47 06/21/01  
CH 2 AD 6+09350 1b  
18:44 06/21/01  
CH 1 AD 6+08550 1b  
18:41 06/21/01  
CH 2 AD 6+08850 1b  
18:35 06/21/01  
CH 1 AD 6+09300 1b  
18:31 06/21/01  
CH 2 AD 6+08850 1b  
18:27 06/21/01  
CH 1 AD 6+09650 1b  
18:22 06/21/01  
CH 2 AD 6+08450 1b  
18:18 06/21/01  
CH 1 AD 6+09100 1b

18:15 06/21/01  
CH 2 AD 6+09000 1b  
18:12 06/21/01  
CH 1 AD 6+08750 1b  
18:04 06/21/01  
CH 1 +00067050 1b  
HOURLY  
18:00 06/21/01  
CH 1 AD 6+08850 1b  
17:55 06/21/01  
CH 1 AD 6+06450 1b  
17:43 06/21/01  
CH 1 AD 6+08300 1b  
17:35 06/21/01  
CH 1 AD 6+06850 1b  
17:29 06/21/01  
CH 1 AD 6+09100 1b  
17:20 06/21/01  
CH 1 AD 6+10450 1b  
17:09 06/21/01  
CH 1 AD 6+09950 1b  
17:05 06/21/01  
CH 1 AD 6+07900 1b  
17:03 06/21/01  
CH 1 +00033650 1b  
HOURLY  
17:00 06/21/01  
CH 1 AD 6+04450 1b  
16:52 06/21/01  
CH 1 AD 6+06500 1b  
16:35 06/21/01  
CH 1 AD 6+04750 1b  
16:19 06/21/01  
CH 1 AD 6+08500 1b  
16:13 06/21/01  
CH 1 AD 6+09450 1b  
16:03 06/21/01  
CH 2 +00009550 1b  
CH 1 +00069300 1b  
HOURLY  
16:00 06/21/01  
CH 1 AD 6+08050 1b  
15:57 06/21/01  
CH 1 AD 6+08950 1b  
15:53 06/21/01  
CH 1 AD 6+08450 1b  
15:41 06/21/01  
CH 1 AD 6+08500 1b  
15:32 06/21/01  
CH 1 AD 6+07650 1b  
15:24 06/21/01  
CH 1 AD 6+09650 1b  
15:18 06/21/01  
CH 1 AD 6+09200 1b  
15:14 06/21/01  
CH 2 AD 6+09550 1b  
15:12 06/21/01  
CH 1 AD 6+08850 1b  
15:01 06/21/01  
CH 1 +00055700 1b

HOURLY  
15:00 06/21/01  
CH 1 AD 6+07100 1b  
14:53 06/21/01  
CH 1 AD 6+05100 1b  
14:42 06/21/01  
CH 1 AD 6+06500 1b  
14:41 06/21/01  
CH 1 AD 6+10450 1b  
14:28 06/21/01  
CH 1 AD 6+08950 1b  
14:20 06/21/01  
CH 1 AD 6+06650 1b  
14:14 06/21/01  
CH 1 AD 6+09950 1b  
14:04 06/21/01  
CH 1 +00051000 1b  
HOURLY  
14:00 06/21/01  
CH 1 AD 6+08300 1b  
13:48 06/21/01  
CH 1 AD 6+09850 1b  
13:36 06/21/01  
CH 1 AD 6+08150 1b  
13:26 06/21/01  
CH 1 AD 6+07050 1b  
13:23 06/21/01  
CH 1 AD 6+07800 1b  
13:16 06/21/01  
CH 1 AD 6+09850 1b  
13:09 06/21/01  
CH 1 +00056000 1b  
HOURLY  
13:00 06/21/01  
CH 1 AD 6+08550 1b  
12:57 06/21/01  
CH 1 AD 6+09500 1b  
12:41 06/21/01  
CH 1 AD 6+07700 1b  
12:35 06/21/01  
CH 1 AD 6+09700 1b  
12:32 06/21/01  
CH 1 AD 6+05100 1b  
12:15 06/21/01  
CH 1 AD 6+08150 1b  
12:09 06/21/01  
CH 1 AD 6+09300 1b  
12:03 06/21/01  
CH 2 +00021700 1b  
CH 1 +00058000 1b  
HOURLY  
12:00 06/21/01  
CH 1 AD 6+09650 1b  
11:55 06/21/01  
CH 1 AD 6+08800 1b  
11:47 06/21/01  
CH 1 AD 6+07400 1b  
11:40 06/21/01

5  
CH 2 AD 6+09300 1b  
11:35 06/21/01  
CH 2 AD 6+05000 1b  
11:33 06/21/01  
CH 1 AD 6+07450 1b  
11:31 06/21/01  
CH 1 AD 6+08550 1b  
11:23 06/21/01  
CH 1 AD 6+09750 1b  
11:15 06/21/01  
CH 1 AD 6+06400 1b  
11:07 06/21/01  
CH 2 AD 6+07400 1b  
11:03 06/21/01  
CH 1 +00083550 1b  
HOURLY  
11:00 06/21/01  
CH 1 AD 6+08200 1b  
10:59 06/21/01  
CH 1 AD 6+07450 1b  
10:51 06/21/01  
CH 1 AD 6+07200 1b  
10:43 06/21/01  
CH 1 AD 6+09100 1b  
10:38 06/21/01  
CH 1 AD 6+06200 1b  
10:35 06/21/01  
CH 1 AD 6+10550 1b  
10:31 06/21/01  
CH 1 AD 6+08000 1b  
10:23 06/21/01  
CH 1 AD 6+08200 1b  
10:07 06/21/01  
CH 1 AD 6+08500 1b  
10:04 06/21/01  
CH 1 AD 6+09350 1b  
10:02 06/21/01  
CH 1 +00042000 1b  
HOURLY  
10:00 06/21/01  
CH 1 AD 6+06000 1b  
09:46 06/21/01  
CH 1 AD 6+08050 1b  
09:38 06/21/01  
CH 1 AD 6+09200 1b  
09:31 06/21/01  
CH 1 AD 6+05050 1b  
09:24 06/21/01  
CH 1 AD 6+06650 1b  
09:13 06/21/01  
CH 1 AD 6+07650 1b  
09:02 06/21/01  
CH 1 +00063050 1b  
HOURLY  
09:00 06/21/01  
CH 1 AD 6+08650 1b  
08:56 06/21/01  
CH 1 AD 6+06500 1b

08:48 06/21/01  
 CH 1 AD 6+08300 1b  
 08:41 06/21/01  
 CH 1 AD 6+07950 1b  
 08:29 06/21/01  
 CH 1 AD 6+05500 1b  
 08:22 06/21/01  
 CH 1 AD 6+09150 1b  
 08:16 06/21/01  
 CH 1 AD 6+10100 1b  
 08:09 06/21/01  
 CH 1 AD 6+06900 1b  
 08:05 06/21/01  
 CH 2 +00018350 1b  
 CH 1 +00062250 1b  
 HOURLY  
 08:00 06/21/01  
 CH 1 AD 6+09650 1b  
 07:57 06/21/01  
 CH 1 AD 6+09200 1b  
 07:51 06/21/01  
 CH 1 AD 6+07500 1b  
 07:37 06/21/01  
 CH 1 AD 6+09200 1b  
 07:31 06/21/01  
 CH 1 AD 6+10200 1b  
 07:29 06/21/01  
 CH 1 AD 6+08400 1b  
 07:21 06/21/01  
 CH 2 AD 6+08400 1b  
 07:08 06/21/01  
 CH 1 AD 6+08100 1b  
 07:05 06/21/01  
 CH 2 AD 6+09950 1b  
 07:02 06/21/01  
 CH 2 +00059150 1b  
 CH 1 +00055700 1b  
 HOURLY  
 07:00 06/21/01  
 CH 2 AD 6+08450 1b  
 06:59 06/21/01  
 CH 1 AD 6+08350 1b  
 06:56 06/21/01  
 CH 2 AD 6+07800 1b  
 06:51 06/21/01  
 CH 2 AD 6+07700 1b  
 06:48 06/21/01  
 CH 1 AD 6+06250 1b  
 06:44 06/21/01  
 CH 2 AD 6+02650 1b  
 06:42 06/21/01  
 CH 2 AD 6+05650 1b  
 06:33 06/21/01  
 CH 1 AD 6+07350 1b  
 06:31 06/21/01  
 CH 1 AD 6+08400 1b  
 06:30 06/21/01

CH 2 AD 6+05900 1b  
 06:27 06/21/01  
 CH 1 AD 6+10100 1b  
 06:24 06/21/01  
 CH 2 AD 6+05700 1b  
 06:20 06/21/01  
 CH 1 AD 6+06100 1b  
 06:17 06/21/01  
 CH 2 AD 6+09200 1b  
 06:14 06/21/01  
 CH 2 AD 6+05900 1b  
 06:05 06/21/01  
 CH 1 AD 6+09150 1b  
 06:01 06/21/01  
 CH 2 +00059550 1b  
 CH 1 +00053700 1b  
 HOURLY  
 06:00 06/21/01  
 CH 2 AD 6+09700 1b  
 05:59 06/21/01  
 CH 1 AD 6+07250 1b  
 05:55 06/21/01  
 CH 1 AD 6+07750 1b  
 05:52 06/21/01  
 CH 2 AD 6+08050 1b  
 05:48 06/21/01  
 CH 1 AD 6+07250 1b  
 05:40 06/21/01  
 CH 2 AD 6+06900 1b  
 05:37 06/21/01  
 CH 1 AD 6+08900 1b  
 05:32 06/21/01  
 CH 2 AD 6+08550 1b  
 05:28 06/21/01  
 CH 1 AD 6+09050 1b  
 05:23 06/21/01  
 CH 2 AD 6+08750 1b  
 05:19 06/21/01  
 CH 1 AD 6+06350 1b  
 05:09 06/21/01  
 CH 2 AD 6+06700 1b  
 05:07 06/21/01  
 CH 1 AD 6+07150 1b  
 05:05 06/21/01  
 CH 2 AD 6+10900 1b  
 05:03 06/21/01  
 CH 2 +00051400 1b  
 CH 1 +00049100 1b  
 HOURLY  
 05:00 06/21/01  
 CH 1 AD 6+06100 1b  
 04:56 06/21/01  
 CH 2 AD 6+09300 1b  
 04:51 06/21/01  
 CH 1 AD 6+10300 1b  
 04:48 06/21/01

CH 2 AD 6+08500 1b  
04:43 06/21/01  
CH 1 AD 6+05500 1b  
04:38 06/21/01  
CH 2 AD 6+08150 1b  
04:34 06/21/01  
CH 1 AD 6+09400 1b  
04:30 06/21/01  
CH 2 AD 6+06600 1b  
04:24 06/21/01  
CH 1 AD 6+08450 1b  
04:21 06/21/01  
CH 2 AD 6+09500 1b  
04:15 06/21/01  
CH 1 AD 6+09350 1b  
04:11 06/21/01  
CH 2 AD 6+09350 1b  
04:03 06/21/01  
CH 2 +00069150 1b  
CH 1 +00078950 1b  
HOURLY  
04:00 06/21/01  
CH 1 AD 6+07850 1b  
03:59 06/21/01  
CH 2 AD 6+09050 1b  
03:56 06/21/01  
CH 1 AD 6+09700 1b  
03:50 06/21/01  
CH 2 AD 6+08400 1b  
03:46 06/21/01  
CH 1 AD 6+09350 1b  
03:43 06/21/01  
CH 2 AD 6+10400 1b  
03:37 06/21/01  
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03:34 06/21/01  
CH 2 AD 6+06900 1b  
03:29 06/21/01  
CH 1 AD 6+09850 1b  
03:26 06/21/01  
CH 2 AD 6+05250 1b  
03:21 06/21/01  
CH 2 AD 6+07350 1b  
03:20 06/21/01  
CH 1 AD 6+07600 1b  
03:17 06/21/01  
CH 2 AD 6+09500 1b  
03:14 06/21/01  
CH 1 AD 6+10150 1b  
03:10 06/21/01  
CH 2 AD 6+05250 1b  
03:07 06/21/01  
CH 2 AD 6+07050 1b  
03:05 06/21/01

CH 1 AD 6+10150 1b  
03:02 06/21/01  
CH 1 AD 6+07750 1b  
03:00 06/21/01  
CH 2 +00051450 1b  
CH 1 +00044950 1b  
HOURLY  
03:00 06/21/01  
CH 2 AD 6+07300 1b  
02:57 06/21/01  
CH 1 AD 6+09000 1b  
02:55 06/21/01  
CH 2 AD 6+08950 1b  
02:50 06/21/01  
CH 2 AD 6+09850 1b  
02:48 06/21/01  
CH 1 AD 6+1000 1b  
02:46 06/21/01  
CH 1 AD 6+07650 1b  
02:31 06/21/01  
CH 2 AD 6+09100 1b  
02:29 06/21/01  
CH 2 AD 6+09300 1b  
02:25 06/21/01  
CH 1 AD 6+07850 1b  
02:10 06/21/01  
CH 2 AD 6+06950 1b  
02:07 06/21/01  
CH 1 AD 6+09450 1b  
02:02 06/21/01  
CH 2 +00054300 1b  
CH 1 +00064000 1b  
HOURLY  
02:00 06/21/01  
CH 2 AD 6+09550 1b  
01:57 06/21/01  
CH 1 AD 6+10700 1b  
01:50 06/21/01  
CH 2 AD 6+06550 1b  
01:48 06/21/01  
CH 1 AD 6+08250 1b  
01:45 06/21/01  
CH 2 AD 6+09050 1b  
01:42 06/21/01  
CH 1 AD 6+10100 1b  
01:38 06/21/01  
CH 2 AD 6+06800 1b  
01:34 06/21/01  
CH 1 AD 6+09950 1b  
01:28 06/21/01  
CH 2 AD 6+08250 1b  
01:26 06/21/01  
CH 1 AD 6+09200 1b

01:22 06/21/01  
 CH 1 AD 6+07350 1b  
 01:21 06/21/01  
 CH 2 AD 6+07800 1b  
 01:17 06/21/01  
 CH 1 AD 6+08450 1b  
 01:08 06/21/01  
 CH 2 AD 6+06300 1b  
 01:01 06/21/01  
 CH 2 +00044750 1b  
 CH 1 +00031600 1b  
 HOURLY  
 01:00 06/21/01  
 CH 1 AD 6+07350 1b  
 00:57 06/21/01  
 CH 2 AD 6+0450 1b  
 00:54 06/21/01  
 CH 1 AD 6+06600 1b  
 00:50 06/21/01  
 CH 2 AD 6+0100 1b  
 00:46 06/21/01  
 CH 1 AD 6+09550 1b  
 00:43 06/21/01  
 CH 2 AD 6+08750 1b  
 00:40 06/21/01  
 CH 2 AD 6+09150 1b  
 00:37 06/21/01  
 CH 2 AD 6+06300 1b  
 00:29 06/21/01  
 CH 1 AD 6+08100 1b  
 00:25 06/21/01

*VA [Signature]*

COVANTA, LEE INC.  
 LIME SLURRY PERCENT SOLIDS  
 STACK TESTING

0700 HOURS

WEIGHT %  
 IN GRAMS SOLIDS

|           |       |       |
|-----------|-------|-------|
| 18-Jun-01 | 273   | 14%   |
| 19-Jun-01 | 270.1 | 12.3% |
| 20-Jun-01 | 276.2 | 15.8% |
| 21-Jun-01 | 278.0 | 16.8% |
| 22-Jun-01 |       |       |
| 23-Jun-01 |       |       |
| 24-Jun-01 |       |       |

*RAW*  
*RAW*  
*RAW*

1200 HOURS

WEIGHT %  
 IN GRAMS SOLIDS

|       |       |
|-------|-------|
| 276.9 | 16.2  |
| 277.4 | 16.3  |
| 276.5 | 15.9  |
| 277.9 | 16.8% |
|       |       |
|       |       |
|       |       |

*RAW*  
*RAW*  
*RAW*

Do not test while compliance runs are in progress

0815 (19-JUN-01) RETESTED LIME SOLIDS = 277 grms = 16.2%



COVANTA, LEE INC.  
 CRANE SPAN CHECK  
 STACK TESTING

| DATE      | CRANE    | LIFT #1 | LIFT #2 | LIFT #3 | AVERAGE | DEVIATION | REMARKS | TARE  |
|-----------|----------|---------|---------|---------|---------|-----------|---------|-------|
| 18-Jun-01 | #1 NORTH | 12750   | 12750   | 12750   | 12750   | 0         |         | 12750 |
| 18-Jun-01 | #2 SOUTH | 12700   | 12700   | 12700   | 12700   | -50       |         | 12750 |
| 19-Jun-01 | #1 NORTH | 12750   | 12750   | 12750   | 12750   | 0         |         | 12750 |
| 19-Jun-01 | #2 SOUTH | 12750   | 12750   | 12750   | 12750   | 0         |         | 12750 |
| 20-Jun-01 | #1 NORTH | 12700   | 12700   | 12700   | 12700   | -50       |         | 12750 |
| 20-Jun-01 | #2 SOUTH | 12750   | 12750   | 12750   | 12750   | 0         |         | 12750 |
| 21-Jun-01 | #1 NORTH | 12750   | 12750   | 12750   | 12750   | 0         |         | 12750 |
| 21-Jun-01 | #2 SOUTH | 12700   | 12700   | 12700   | 12700   | -50       |         | 12750 |
| 22-Jun-01 | #1 NORTH |         |         |         |         |           |         | 12750 |
| 22-Jun-01 | #2 SOUTH |         |         |         |         |           |         | 12750 |
| 23-Jun-01 | #1 NORTH |         |         |         |         |           |         | 12750 |
| 23-Jun-01 | #2 SOUTH |         |         |         |         |           |         | 12750 |
| 24-Jun-01 | #1 NORTH |         |         |         |         |           |         | 12750 |
| 24-Jun-01 | #2 SOUTH |         |         |         |         |           |         | 12750 |

Do not test while compliance runs are in progress

COVANTA , LEE  
 CARBON FEED RATE COMPARISON  
 STACK TESTING

START DATE 6/18/01

#1 CARBON FEEDER

#2 CARBON FEEDER

|           | BAILEY   |        |           | FLOW TO RX<br>FEED TANK<br>IN GPM |
|-----------|----------|--------|-----------|-----------------------------------|
|           | MEASURED | ACTUAL | DEVIATION | 0600/1200                         |
| 18-Jun-01 | 66.2     | 66.7   | .5        | 515                               |
| 19-Jun-01 | 66.3     | 67.0   | .7        | 515                               |
| 20-Jun-01 | 66.1     | 66.24  | .14       | 515                               |
| 21-Jun-01 | 66.2     | 67.3   | 1.1       | 515                               |
| 22-Jun-01 |          |        |           | 1                                 |
| 23-Jun-01 |          |        |           | 1                                 |
| 24-Jun-01 |          |        |           | 1                                 |

*new  
new  
new*

|  | BAILEY   |        |           | FLOW TO RX<br>FEED TANK<br>IN GPM |
|--|----------|--------|-----------|-----------------------------------|
|  | MEASURED | ACTUAL | DEVIATION | 0600/1200                         |
|  | 66.2     | 66.46  | -.26      | 515                               |
|  | 66.2     | 66.8   | .6        | 515                               |
|  | 66.2     | 66.29  | .09       | 515                               |
|  | 000      |        |           | 1                                 |
|  |          |        |           | 1                                 |
|  |          |        |           | 1                                 |
|  |          |        |           | 1                                 |

*new  
new  
new*

Do not test while compliance runs are in progress

JUNE 18, 2001

00:20:07 19-JUN-2001 TUESDAY

OMSL PERFORMANCE PROFILE

#1

LOG 01

| TIME  | STEAM<br>FLOW | FEED<br>FLOW | DRUM<br>LEVEL | FW<br>TEMP | FW<br>PRESS | BDW<br>TEMP | UFA<br>FLOW | UFA<br>FLOW | UFA<br>PRESS | UFA<br>PRESS |
|-------|---------------|--------------|---------------|------------|-------------|-------------|-------------|-------------|--------------|--------------|
| 00:15 | 172           | 173          | -1            | 287        | 1021        | 282         | 28          | 34          | 18           | 19           |
| 00:30 | 174           | 174          | -1            | 287        | 1022        | 282         | 28          | 34          | 18           | 19           |
| 00:45 | 175           | 175          | -1            | 288        | 1030        | 287         | 28          | 34          | 18           | 19           |
| 01:00 | 187           | 186          | -1            | 287        | 1024        | 281         | 28          | 34          | 18           | 19           |
| 01:15 | 183           | 188          | -1            | 287        | 1018        | 281         | 28          | 34          | 18           | 19           |
| 01:30 | 186           | 188          | -1            | 287        | 1018        | 282         | 28          | 34          | 18           | 19           |
| 01:45 | 180           | 185          | -1            | 287        | 1016        | 286         | 28          | 34          | 18           | 19           |
| 02:00 | 171           | 178          | -1            | 287        | 1028        | 283         | 27          | 34          | 17           | 19           |
| 02:15 | 170           | 171          | -1            | 287        | 1026        | 283         | 28          | 34          | 17           | 19           |
| 02:30 | 170           | 170          | -1            | 287        | 1026        | 280         | 28          | 34          | 18           | 19           |
| 02:45 | 169           | 177          | -1            | 287        | 1026        | 287         | 28          | 34          | 18           | 19           |
| 03:00 | 169           | 170          | -1            | 287        | 1025        | 321         | 28          | 34          | 12           | 19           |
| 03:15 | 168           | 167          | -1            | 287        | 1028        | 284         | 28          | 34          | 17           | 19           |
| 03:30 | 168           | 170          | -1            | 287        | 1024        | 283         | 28          | 34          | 18           | 19           |
| 03:45 | 170           | 170          | -1            | 287        | 1026        | 287         | 28          | 34          | 18           | 19           |
| 04:00 | 168           | 167          | -1            | 287        | 1020        | 288         | 28          | 34          | 18           | 19           |
| 04:15 | 167           | 167          | -1            | 287        | 1022        | 288         | 28          | 34          | 17           | 19           |
| 04:30 | 168           | 168          | -0            | 287        | 1020        | 289         | 28          | 34          | 17           | 19           |
| 04:45 | 171           | 178          | -1            | 287        | 1028        | 287         | 27          | 34          | 18           | 19           |
| 05:00 | 170           | 170          | -1            | 288        | 1026        | 287         | 28          | 34          | 18           | 19           |
| 05:15 | 170           | 170          | -1            | 288        | 1021        | 280         | 28          | 34          | 19           | 19           |
| 05:30 | 170           | 168          | -1            | 287        | 1026        | 283         | 28          | 34          | 18           | 19           |
| 05:45 | 167           | 171          | -1            | 287        | 1022        | 280         | 28          | 34          | 18           | 19           |
| 06:00 | 168           | 168          | -1            | 288        | 1024        | 289         | 28          | 34          | 18           | 19           |
| 06:15 | 172           | 177          | -1            | 287        | 1030        | 288         | 28          | 35          | 18           | 19           |
| 06:30 | 170           | 171          | -1            | 288        | 1028        | 288         | 28          | 34          | 18           | 19           |
| 06:45 | 171           | 172          | -1            | 288        | 1028        | 288         | 28          | 35          | 18           | 19           |
| 07:00 | 168           | 168          | -0            | 288        | 1022        | 288         | 28          | 35          | 18           | 19           |
| 07:15 | 168           | 168          | -1            | 287        | 1028        | 285         | 28          | 34          | 18           | 19           |
| 07:30 | 171           | 176          | -1            | 287        | 1034        | 288         | 28          | 34          | 18           | 19           |
| 07:45 | 165           | 168          | -1            | 287        | 1018        | 284         | 28          | 34          | 18           | 19           |
| 08:00 | 158           | 158          | -2            | 287        | 1008        | 286         | 28          | 32          | 18           | 19           |
| 08:15 | 167           | 165          | -0            | 288        | 1021        | 288         | 28          | 34          | 18           | 19           |
| 08:30 | 167           | 168          | -0            | 289        | 1020        | 287         | 28          | 34          | 18           | 19           |
| 08:45 | 168           | 170          | -0            | 288        | 1024        | 286         | 28          | 34          | 18           | 19           |
| 09:00 | 169           | 170          | -1            | 290        | 1024        | 283         | 28          | 34          | 18           | 19           |
| 09:15 | 160           | 165          | -1            | 290        | 1012        | 282         | 28          | 33          | 18           | 19           |
| 09:30 | 164           | 168          | -1            | 290        | 1015        | 281         | 28          | 33          | 18           | 19           |
| 09:45 | 165           | 167          | -1            | 289        | 1018        | 287         | 28          | 34          | 18           | 19           |
| 10:00 | 170           | 171          | -1            | 290        | 1021        | 281         | 28          | 35          | 18           | 19           |
| 10:15 | 170           | 168          | -1            | 290        | 1024        | 286         | 28          | 34          | 18           | 19           |
| 10:30 | 167           | 168          | -1            | 290        | 1028        | 288         | 28          | 34          | 18           | 19           |
| 10:45 | 167           | 167          | -1            | 290        | 1021        | 289         | 28          | 34          | 18           | 19           |
| 11:00 | 171           | 173          | -1            | 290        | 1025        | 287         | 29          | 34          | 18           | 19           |
| 11:15 | 167           | 166          | -1            | 290        | 1020        | 284         | 28          | 34          | 18           | 19           |
| 11:30 | 171           | 170          | -0            | 290        | 1026        | 284         | 28          | 34          | 18           | 19           |
| 11:45 | 165           | 168          | -1            | 281        | 1018        | 287         | 28          | 33          | 18           | 19           |
| 12:00 | 168           | 170          | -1            | 290        | 1022        | 288         | 28          | 34          | 18           | 19           |
| 12:15 | 168           | 168          | -1            | 290        | 1024        | 288         | 28          | 34          | 18           | 19           |
| 12:30 | 168           | 168          | -0            | 290        | 1024        | 289         | 28          | 34          | 18           | 19           |
| 12:45 | 168           | 177          | -1            | 290        | 1028        | 288         | 28          | 34          | 18           | 19           |
| 13:00 | 159           | 161          | -1            | 290        | 1008        | 283         | 28          | 33          | 18           | 19           |
| 13:15 | 170           | 168          | -1            | 290        | 1024        | 285         | 28          | 34          | 17           | 19           |
| 13:30 | 167           | 170          | -1            | 290        | 1022        | 289         | 28          | 34          | 18           | 19           |
| 13:45 | 168           | 170          | -1            | 290        | 1027        | 288         | 28          | 34          | 18           | 19           |
| 14:00 | 174           | 173          | -1            | 290        | 1034        | 289         | 28          | 35          | 18           | 19           |
| 14:15 | 170           | 172          | -1            | 290        | 1020        | 288         | 28          | 34          | 17           | 19           |
| 14:30 | 166           | 170          | -1            | 290        | 1021        | 295         | 30          | 34          | 17           | 19           |

|       |     |     |    |     |      |     |    |    |    |    |
|-------|-----|-----|----|-----|------|-----|----|----|----|----|
| 16:45 | 168 | 173 | -1 | 290 | 1024 | 284 | 28 | 33 | 18 | 19 |
| 16:00 | 169 | 173 | -1 | 290 | 1022 | 284 | 28 | 33 | 18 | 19 |
| 16:15 | 173 | 173 | -1 | 290 | 1024 | 284 | 28 | 33 | 18 | 19 |
| 16:30 | 167 | 170 | -1 | 290 | 1024 | 284 | 28 | 33 | 18 | 19 |
| 16:45 | 168 | 169 | -1 | 290 | 1024 | 290 | 28 | 33 | 18 | 19 |
| 17:00 | 170 | 170 | -1 | 290 | 1024 | 287 | 28 | 34 | 18 | 19 |
| 17:15 | 170 | 171 | -1 | 291 | 1026 | 287 | 28 | 34 | 18 | 19 |
| 17:30 | 167 | 163 | -1 | 290 | 1021 | 283 | 28 | 33 | 18 | 19 |
| 17:45 | 167 | 163 | -1 | 290 | 1023 | 283 | 28 | 33 | 18 | 19 |
| 18:00 | 173 | 171 | -1 | 290 | 1030 | 289 | 28 | 34 | 18 | 19 |
| 18:15 | 169 | 165 | -1 | 290 | 1015 | 283 | 28 | 33 | 18 | 19 |
| 18:30 | 172 | 172 | -0 | 290 | 1030 | 289 | 28 | 34 | 18 | 19 |
| 18:45 | 169 | 172 | -1 | 290 | 1024 | 286 | 28 | 33 | 18 | 19 |
| 19:00 | 170 | 170 | -1 | 290 | 1024 | 285 | 28 | 33 | 18 | 19 |
| 19:15 | 157 | 162 | -1 | 289 | 1007 | 284 | 28 | 32 | 18 | 19 |
| 19:30 | 165 | 161 | 0  | 290 | 1017 | 287 | 30 | 35 | 17 | 18 |
| 19:45 | 174 | 175 | -1 | 291 | 1034 | 291 | 28 | 34 | 17 | 19 |
| 20:00 | 169 | 173 | -1 | 290 | 1024 | 282 | 28 | 33 | 18 | 19 |
| 20:15 | 163 | 168 | -1 | 290 | 1019 | 268 | 28 | 33 | 18 | 19 |
| 20:30 | 170 | 171 | -1 | 290 | 1025 | 283 | 29 | 34 | 17 | 19 |
| 20:45 | 169 | 172 | -1 | 290 | 1024 | 286 | 28 | 33 | 18 | 19 |
| 21:00 | 167 | 167 | -0 | 290 | 1021 | 287 | 28 | 33 | 18 | 19 |
| 21:15 | 167 | 168 | -1 | 290 | 1022 | 289 | 28 | 33 | 18 | 19 |
| 21:30 | 170 | 173 | -1 | 290 | 1026 | 290 | 28 | 33 | 18 | 19 |
| 21:45 | 171 | 172 | -1 | 290 | 1026 | 289 | 28 | 34 | 18 | 19 |
| 22:00 | 160 | 163 | -1 | 290 | 1011 | 289 | 29 | 32 | 17 | 19 |
| 22:15 | 157 | 153 | -1 | 290 | 998  | 269 | 29 | 32 | 18 | 19 |
| 22:30 | 154 | 150 | -0 | 290 | 1001 | 286 | 25 | 31 | 18 | 19 |
| 22:45 | 161 | 160 | -1 | 290 | 1011 | 291 | 29 | 32 | 18 | 19 |
| 23:00 | 167 | 163 | -1 | 290 | 1022 | 283 | 29 | 33 | 17 | 19 |
| 23:15 | 167 | 167 | -1 | 290 | 1020 | 282 | 28 | 32 | 18 | 16 |
| 23:30 | 158 | 154 | -2 | 290 | 1002 | 273 | 2  | 2  | -0 | -1 |
| 23:45 | 154 | 129 | -1 | 289 | 950  | 257 | 2  | 2  | -0 | -1 |
| 00:00 | 112 | 114 | 1  | 290 | 950  | 261 | 29 | 37 | 18 | 19 |

|     |        |        |       |        |         |        |       |       |       |       |
|-----|--------|--------|-------|--------|---------|--------|-------|-------|-------|-------|
| NIM | 113.17 | 114.13 | -1.77 | 286.00 | 950.00  | 256.50 | 1.55  | 1.73  | -0.2* | -0.7* |
| MRK | 176.25 | 175.75 | 0.58  | 290.50 | 1034.00 | 321.00 | 29.63 | 34.81 | 18.5* | 19.2* |
| AVG | 166.22 | 167.67 | -0.78 | 288.31 | 1020.25 | 287.08 | 27.86 | 32.55 | 17.6* | 18.5* |

| 00:20:15 13-JUN-2001 TUESDAY | OMBL PERFORMANCE PROFILE #2 |      |       |      |       |      |      |      |       |       | LBB 02 |     |
|------------------------------|-----------------------------|------|-------|------|-------|------|------|------|-------|-------|--------|-----|
| TIME                         | STEAM                       | FEED | DRUM  | FM   | FM    | SDH  | UFR  | SFA  | UFR   | SFA   | UFR    | SFA |
|                              | FLOW                        | FLOW | LEVEL | TEMP | PRESS | TEMP | FLOW | FLOW | PRESS | PRESS |        |     |
| 00:15                        | 165                         | 162  | -0    | 747  | 1018  | 281  | 67   | 34   | 18    | 19    |        |     |
| 00:30                        | 168                         | 167  | 0     | 741  | 1017  | 280  | 66   | 35   | 18    | 19    |        |     |
| 00:45                        | 166                         | 171  | -0    | 746  | 1016  | 281  | 66   | 35   | 18    | 19    |        |     |
| 01:00                        | 164                         | 171  | 1     | 741  | 1011  | 281  | 67   | 34   | 19    | 19    |        |     |
| 01:15                        | 167                         | 172  | 0     | 742  | 1013  | 281  | 66   | 34   | 18    | 19    |        |     |
| 01:30                        | 123                         | 167  | -0    | 733  | 1015  | 281  | 68   | 34   | 18    | 19    |        |     |
| 01:45                        | 170                         | 161  | 1     | 738  | 1028  | 276  | 65   | 34   | 19    | 19    |        |     |
| 02:00                        | 158                         | 171  | 1     | 737  | 1019  | 281  | 67   | 34   | 17    | 19    |        |     |
| 02:15                        | 158                         | 173  | -1    | 738  | 1021  | 279  | 67   | 35   | 18    | 19    |        |     |
| 02:30                        | 162                         | 154  | 0     | 737  | 1016  | 281  | 66   | 34   | 18    | 19    |        |     |
| 02:45                        | 163                         | 172  | 0     | 741  | 1020  | 280  | 67   | 34   | 17    | 19    |        |     |
| 03:00                        | 170                         | 171  | 0     | 740  | 1024  | 275  | 66   | 34   | 18    | 19    |        |     |
| 03:15                        | 161                         | 167  | -0    | 741  | 1015  | 280  | 67   | 34   | 18    | 19    |        |     |
| 03:30                        | 160                         | 158  | 0     | 739  | 1010  | 280  | 66   | 34   | 18    | 19    |        |     |
| 03:45                        | 163                         | 170  | -0    | 742  | 1013  | 279  | 67   | 35   | 17    | 19    |        |     |
| 04:00                        | 162                         | 167  | -0    | 742  | 1015  | 280  | 66   | 34   | 18    | 19    |        |     |
| 04:15                        | 170                         | 168  | 0     | 746  | 1021  | 277  | 66   | 34   | 18    | 19    |        |     |
| 04:30                        | 169                         | 167  | -0    | 739  | 1013  | 280  | 66   | 34   | 18    | 19    |        |     |
| 04:45                        | 168                         | 166  | 0     | 742  | 1017  | 280  | 67   | 35   | 18    | 19    |        |     |
| 05:00                        | 171                         | 170  | -0    | 744  | 1020  | 277  | 66   | 35   | 18    | 19    |        |     |
| 05:15                        | 172                         | 174  | -0    | 747  | 1026  | 281  | 66   | 35   | 19    | 19    |        |     |
| 05:30                        | 168                         | 169  | 0     | 742  | 1013  | 272  | 66   | 34   | 18    | 19    |        |     |
| 05:45                        | 171                         | 167  | 0     | 743  | 1022  | 281  | 67   | 35   | 18    | 19    |        |     |
| 06:00                        | 171                         | 167  | 0     | 744  | 1021  | 280  | 66   | 35   | 16    | 19    |        |     |
| 06:15                        | 164                         | 171  | -0    | 743  | 1020  | 279  | 67   | 35   | 18    | 19    |        |     |
| 06:30                        | 171                         | 167  | 0     | 745  | 1022  | 281  | 67   | 35   | 16    | 19    |        |     |
| 06:45                        | 162                         | 161  | 1     | 749  | 1013  | 280  | 66   | 35   | 18    | 19    |        |     |
| 07:00                        | 169                         | 175  | -1    | 746  | 1021  | 277  | 69   | 35   | 19    | 19    |        |     |
| 07:15                        | 170                         | 164  | -0    | 749  | 1020  | 275  | 67   | 34   | 18    | 19    |        |     |
| 07:30                        | 169                         | 164  | 1     | 745  | 1013  | 279  | 67   | 35   | 18    | 19    |        |     |
| 07:45                        | 162                         | 178  | -0    | 747  | 1021  | 274  | 66   | 35   | 18    | 19    |        |     |
| 08:00                        | 162                         | 161  | -1    | 743  | 1002  | 277  | 67   | 34   | 18    | 19    |        |     |
| 08:15                        | 166                         | 169  | -0    | 747  | 1015  | 278  | 66   | 35   | 19    | 19    |        |     |
| 08:30                        | 170                         | 173  | -1    | 749  | 1023  | 274  | 67   | 35   | 18    | 19    |        |     |
| 08:45                        | 166                         | 162  | 1     | 747  | 1014  | 278  | 66   | 34   | 18    | 19    |        |     |
| 09:00                        | 173                         | 174  | 1     | 743  | 1024  | 277  | 68   | 35   | 18    | 19    |        |     |
| 09:15                        | 166                         | 170  | -0    | 749  | 1015  | 276  | 67   | 34   | 18    | 19    |        |     |
| 09:30                        | 164                         | 168  | -0    | 751  | 1011  | 280  | 67   | 34   | 18    | 19    |        |     |
| 09:45                        | 167                         | 161  | 0     | 752  | 1016  | 275  | 67   | 35   | 18    | 19    |        |     |
| 10:00                        | 170                         | 171  | 1     | 752  | 1020  | 272  | 68   | 35   | 18    | 19    |        |     |
| 10:15                        | 163                         | 169  | 0     | 752  | 1013  | 279  | 67   | 35   | 19    | 19    |        |     |
| 10:30                        | 173                         | 174  | 0     | 755  | 1021  | 276  | 67   | 35   | 18    | 19    |        |     |
| 10:45                        | 169                         | 164  | -1    | 754  | 1017  | 278  | 67   | 34   | 18    | 19    |        |     |
| 11:00                        | 172                         | 168  | 0     | 753  | 1022  | 278  | 68   | 35   | 18    | 19    |        |     |
| 11:15                        | 168                         | 174  | -0    | 752  | 1018  | 276  | 67   | 35   | 18    | 19    |        |     |
| 11:30                        | 170                         | 172  | -1    | 754  | 1020  | 273  | 67   | 35   | 18    | 19    |        |     |
| 11:45                        | 163                         | 162  | 0     | 755  | 1013  | 279  | 67   | 35   | 18    | 19    |        |     |
| 12:00                        | 162                         | 172  | -0    | 755  | 1013  | 274  | 68   | 35   | 18    | 19    |        |     |
| 12:15                        | 163                         | 166  | -0    | 756  | 1017  | 278  | 67   | 35   | 18    | 19    |        |     |
| 12:30                        | 169                         | 161  | 0     | 756  | 1016  | 277  | 67   | 35   | 19    | 19    |        |     |
| 12:45                        | 168                         | 167  | 0     | 754  | 1018  | 276  | 66   | 35   | 18    | 19    |        |     |
| 13:00                        | 167                         | 172  | -0    | 755  | 1017  | 279  | 69   | 35   | 18    | 19    |        |     |
| 13:15                        | 162                         | 167  | -0    | 754  | 1016  | 276  | 67   | 35   | 18    | 19    |        |     |
| 13:30                        | 162                         | 165  | -0    | 756  | 1013  | 279  | 67   | 35   | 16    | 19    |        |     |
| 13:45                        | 168                         | 171  | -0    | 758  | 1013  | 277  | 67   | 35   | 18    | 19    |        |     |
| 14:00                        | 169                         | 161  | 1     | 756  | 1012  | 279  | 68   | 35   | 18    | 19    |        |     |
| 14:15                        | 172                         | 175  | -0    | 761  | 1023  | 274  | 67   | 35   | 18    | 19    |        |     |
| 14:30                        | 171                         | 172  | -0    | 759  | 1021  | 276  | 67   | 35   | 18    | 19    |        |     |

|       |     |     |    |     |      |     |    |    |    |    |
|-------|-----|-----|----|-----|------|-----|----|----|----|----|
| 15:00 | 168 | 170 | 0  | 768 | 1019 | 275 | 68 | 34 | 18 | 19 |
| 16:00 | 171 | 170 | 0  | 762 | 1020 | 278 | 67 | 35 | 18 | 19 |
| 16:15 | 170 | 169 | 0  | 763 | 1020 | 275 | 67 | 35 | 18 | 19 |
| 16:30 | 169 | 169 | 0  | 761 | 1018 | 279 | 66 | 35 | 18 | 19 |
| 16:45 | 169 | 169 | -0 | 763 | 1018 | 279 | 68 | 34 | 18 | 19 |
| 17:00 | 171 | 174 | -1 | 765 | 1022 | 274 | 67 | 35 | 19 | 19 |
| 17:15 | 174 | 170 | 0  | 764 | 1024 | 280 | 67 | 35 | 19 | 19 |
| 17:30 | 168 | 168 | 0  | 765 | 1019 | 280 | 67 | 35 | 18 | 19 |
| 17:45 | 173 | 179 | -0 | 768 | 1020 | 274 | 67 | 35 | 18 | 19 |
| 18:00 | 170 | 165 | 0  | 765 | 1019 | 278 | 68 | 35 | 18 | 19 |
| 18:15 | 169 | 171 | 0  | 763 | 1017 | 277 | 67 | 34 | 19 | 19 |
| 18:30 | 168 | 168 | 0  | 762 | 1020 | 274 | 67 | 35 | 19 | 19 |
| 18:45 | 170 | 171 | 0  | 762 | 1020 | 279 | 67 | 35 | 18 | 19 |
| 19:00 | 168 | 162 | 0  | 760 | 1016 | 279 | 67 | 35 | 18 | 19 |
| 19:15 | 167 | 170 | 0  | 762 | 1018 | 276 | 66 | 34 | 18 | 19 |
| 19:30 | 168 | 167 | -1 | 762 | 1019 | 277 | 69 | 35 | 18 | 19 |
| 19:45 | 167 | 168 | 0  | 769 | 1019 | 279 | 66 | 34 | 18 | 19 |
| 20:00 | 171 | 168 | 0  | 767 | 1020 | 277 | 67 | 35 | 18 | 19 |
| 20:15 | 171 | 169 | 1  | 770 | 1019 | 278 | 61 | 35 | 18 | 19 |
| 20:30 | 167 | 168 | 1  | 768 | 1015 | 275 | 66 | 34 | 18 | 19 |
| 20:45 | 167 | 167 | 0  | 768 | 1015 | 283 | 67 | 34 | 18 | 19 |
| 21:00 | 168 | 169 | -1 | 770 | 1016 | 275 | 66 | 34 | 18 | 19 |
| 21:15 | 173 | 169 | -0 | 770 | 1023 | 273 | 67 | 35 | 18 | 19 |
| 21:30 | 168 | 171 | -0 | 768 | 1015 | 282 | 67 | 35 | 18 | 19 |
| 21:45 | 172 | 164 | 0  | 770 | 1020 | 276 | 67 | 35 | 18 | 19 |
| 22:00 | 169 | 171 | 0  | 770 | 1018 | 275 | 66 | 35 | 18 | 19 |
| 22:15 | 169 | 172 | -1 | 771 | 1017 | 281 | 66 | 35 | 18 | 19 |
| 22:30 | 169 | 169 | -0 | 772 | 1018 | 275 | 66 | 35 | 18 | 19 |
| 22:45 | 169 | 164 | 0  | 770 | 1017 | 275 | 66 | 35 | 18 | 19 |
| 23:00 | 170 | 164 | 2  | 769 | 1016 | 281 | 67 | 34 | 18 | 19 |
| 23:15 | 168 | 161 | -1 | 775 | 1018 | 277 | 66 | 35 | 18 | 19 |
| 23:30 | 165 | 164 | 0  | 774 | 1013 | 276 | 66 | 34 | 18 | 19 |
| 23:45 | 170 | 172 | 1  | 774 | 1018 | 274 | 66 | 34 | 18 | 19 |
| 30:00 | 169 | 168 | -0 | 767 | 1014 | 282 | 66 | 34 | 18 | 19 |

|     |        |        |       |        |         |        |       |       |       |       |
|-----|--------|--------|-------|--------|---------|--------|-------|-------|-------|-------|
| MIN | 162.25 | 158.50 | -1.04 | 737.00 | 1008.00 | 273.00 | 65.32 | 33.81 | 16.50 | 18.63 |
| MAX | 175.00 | 181.00 | 1.84  | 775.00 | 1028.00 | 308.00 | 68.50 | 35.25 | 18.88 | 19.34 |
| AVG | 168.71 | 167.95 | 0.02  | 754.41 | 1018.23 | 278.21 | 66.68 | 34.57 | 18.09 | 18.39 |

UNIT #1

- 1 AIR-06364 ECONO D2 DRY
- 2 AIR-06464 ECONO S02
- 3 AIR-06474 STACK NOX
- 4 AIR-06274 STACK O2 FACILITY
- 5 AIR-06474 STACK S02

UNIT #2

- 6 AIR-06368 ECONO D2 DRY
- 7 AIR-06468 ECONO S02
- 8 AIR-06478 STACK NOX
- 9 AIR-06278 STACK O2 FACILITY
- 10 AIR-06478 STACK S02

| TIME  | 1    | 2     | 3   | 4   | 5     | 6    | 7     | 8   | 9   | 10    |
|-------|------|-------|-----|-----|-------|------|-------|-----|-----|-------|
| 00:15 | 49.9 | 64.1  | 125 | 0.5 | 10.5  | 10.8 | 44.3  | 158 | 0.7 | 0.0   |
| 00:30 | 9.2  | 40.1  | 134 | 0.6 | 3.9   | 10.7 | 48.3  | 206 | 0.8 | -0.0  |
| 00:45 | 3.8  | 38.9  | 137 | 0.4 | 2.3   | 10.8 | 51.3  | 177 | 0.7 | -0.4  |
| 01:00 | 8.8  | 21.3  | 184 | 0.5 | 8.5   | 9.8  | 60.3  | 172 | 0.8 | -0.4  |
| 01:15 | 10.5 | 28.0  | 137 | 0.4 | 15.2  | 10.4 | 65.5  | 177 | 0.7 | 0.5   |
| 01:30 | 11.1 | 75.2  | 151 | 0.4 | 7.4   | 10.2 | 82.3  | 135 | 0.8 | -0.5  |
| 01:45 | 10.4 | 110.8 | 139 | 0.5 | 3.5   | 8.4  | 74.3  | 140 | 0.7 | -0.5  |
| 02:00 | 9.2  | 103.8 | 155 | 0.5 | 13.4  | 8.2  | 69.5  | 141 | 0.8 | 1.4   |
| 02:15 | 10.0 | 83.5  | 121 | 0.5 | 11.5  | 10.3 | 33.3  | 129 | 0.8 | 4.1   |
| 02:30 | 9.0  | 60.4  | 159 | 0.6 | 8.5   | 9.4  | 100.8 | 214 | 0.8 | 10.3  |
| 02:45 | 9.9  | 68.5  | 179 | 0.5 | 5.5   | 8.5  | 74.3  | 137 | 0.7 | 3.1   |
| 03:00 | 10.1 | 82.0  | 129 | 0.4 | 101.5 | 9.5  | 74.3  | 158 | 0.8 | 7.4   |
| 03:15 | 9.5  | 61.2  | 150 | 0.5 | 14.7  | 10.8 | 79.5  | 168 | 0.8 | 6.3   |
| 03:30 | 10.6 | 54.1  | 135 | 0.5 | 14.5  | 10.3 | 33.3  | 179 | 0.8 | 11.3  |
| 03:45 | 9.3  | 48.3  | 158 | 0.5 | 7.4   | 10.2 | 73.3  | 164 | 0.8 | 11.1  |
| 04:00 | 10.2 | 45.1  | 133 | 0.5 | 7.4   | 10.1 | 56.3  | 158 | 0.8 | 12.1  |
| 04:15 | 10.1 | 53.4  | 146 | 0.5 | 14.7  | 9.3  | 36.5  | 135 | 0.8 | 6.3   |
| 04:30 | 9.1  | 43.4  | 127 | 0.5 | 15.5  | 10.1 | 71.8  | 151 | 0.7 | 122.5 |
| 04:45 | 10.2 | 43.3  | 180 | 0.5 | 12.5  | 10.7 | 78.0  | 153 | 0.6 | 10.1  |
| 05:00 | 10.3 | 32.0  | 170 | 0.5 | 18.6  | 10.1 | 53.0  | 163 | 0.7 | 1.3   |
| 05:15 | 10.1 | 31.5  | 147 | 0.6 | 14.5  | 10.0 | 46.3  | 174 | 0.7 | 1.3   |
| 05:30 | 9.9  | 40.4  | 161 | 0.4 | 4.4   | 8.7  | 52.3  | 143 | 0.8 | 0.3   |
| 05:45 | 10.5 | 34.4  | 140 | 0.5 | 2.3   | 10.1 | 114.8 | 121 | 0.3 | 2.3   |
| 06:00 | 9.8  | 30.5  | 152 | 0.5 | 2.4   | 10.3 | 62.3  | 146 | 0.8 | 0.4   |
| 06:15 | 10.1 | 31.0  | 180 | 0.5 | 5.5   | 9.8  | 72.3  | 147 | 0.8 | -0.4  |
| 06:30 | 9.5  | 67.5  | 123 | 0.5 | 2.3   | 10.0 | 85.3  | 164 | 0.7 | -0.4  |
| 06:45 | 9.3  | 59.4  | 137 | 0.6 | 1.4   | 9.6  | 140.0 | 186 | 0.7 | -0.5  |
| 07:00 | 9.4  | 54.5  | 184 | 0.5 | 0.1   | 10.4 | 77.3  | 108 | 0.8 | -0.4  |
| 07:15 | 11.5 | 69.0  | 131 | 0.5 | 1.3   | 10.4 | 65.3  | 160 | 0.7 | -0.5  |
| 07:30 | 8.8  | 76.8  | 140 | 0.5 | 0.1   | 9.9  | 89.3  | 137 | 0.8 | -0.5  |
| 07:45 | 11.4 | 75.3  | 157 | 0.5 | 3.3   | 9.5  | 75.3  | 122 | 0.8 | -0.4  |
| 08:00 | 10.4 | 42.3  | 138 | 0.5 | 0.1   | 10.5 | 55.3  | 156 | 0.8 | -0.4  |
| 08:15 | 9.1  | 30.6  | 137 | 0.5 | 0.1   | 9.3  | 71.3  | 153 | 0.8 | -0.5  |
| 08:30 | 9.1  | 18.8  | 171 | 0.7 | 0.1   | 10.4 | 77.3  | 134 | 0.8 | -0.5  |
| 08:45 | 3.4  | 12.2  | 131 | 0.5 | 0.1   | 8.8  | 45.3  | 133 | 0.8 | -0.4  |
| 09:00 | 9.5  | 24.6  | 159 | 0.5 | 0.1   | 9.6  | 42.3  | 131 | 0.8 | -0.4  |
| 09:15 | 10.2 | 32.6  | 171 | 0.5 | 0.3   | 10.2 | 32.3  | 163 | 0.9 | -0.4  |
| 09:30 | 9.7  | 19.4  | 144 | 0.5 | 0.1   | 9.5  | 39.0  | 156 | 0.8 | -0.5  |
| 09:45 | 9.4  | 18.1  | 125 | 0.5 | 0.1   | 10.1 | 39.3  | 135 | 0.9 | -0.5  |
| 10:00 | 10.5 | 16.8  | 138 | 0.5 | 0.1   | 10.0 | 44.0  | 132 | 0.8 | -0.5  |
| 10:15 | 9.2  | 12.5  | 120 | 0.5 | 0.1   | 9.3  | 61.5  | 136 | 0.8 | -0.5  |
| 10:30 | 9.5  | 15.1  | 134 | 0.7 | 0.1   | 9.2  | 79.0  | 142 | 0.8 | -0.5  |
| 10:45 | 13.1 | 12.3  | 142 | 0.5 | 0.1   | 9.3  | 49.3  | 166 | 0.8 | -0.4  |
| 11:00 | 10.1 | 18.1  | 143 | 0.5 | 0.1   | 9.6  | 40.3  | 130 | 0.8 | -0.4  |
| 11:15 | 9.5  | 17.3  | 139 | 0.4 | 0.1   | 10.1 | 33.0  | 152 | 1.0 | -0.5  |
| 11:30 | 9.0  | 19.8  | 135 | 0.5 | 0.1   | 9.3  | 41.0  | 145 | 0.8 | -0.4  |
| 11:45 | 8.8  | 23.3  | 152 | 0.5 | 0.1   | 9.1  | 28.5  | 179 | 0.7 | -0.4  |
| 12:00 | 10.2 | 35.4  | 159 | 0.4 | 0.2   | 10.0 | 27.3  | 148 | 0.8 | -0.5  |
| 12:15 | 9.7  | 24.1  | 155 | 0.4 | 0.1   | 9.3  | 27.3  | 148 | 0.7 | -0.5  |
| 12:30 | 9.7  | 23.2  | 135 | 0.4 | 0.1   | 9.9  | 26.5  | 151 | 0.8 | -0.4  |
| 12:45 | 9.5  | 44.4  | 125 | 0.6 | 0.2   | 10.0 | 33.3  | 145 | 0.7 | -0.5  |



|       |      |       |     |     |     |      |       |     |     |      |
|-------|------|-------|-----|-----|-----|------|-------|-----|-----|------|
| 14:10 | 19.5 | 29.1  | 171 | 0.4 | 0.1 | 9.7  | 27.3  | 128 | 0.7 | -0.5 |
| 14:20 | 19.6 | 42.1  | 170 | 0.6 | 0.1 | 10.4 | 36.3  | 133 | 0.8 | -0.5 |
| 14:45 | 19.9 | 24.3  | 167 | 0.1 | 0.2 | 10.6 | 24.0  | 142 | 0.7 | -0.5 |
| 15:00 | 4.9  | 281.0 | 143 | 0.6 | 0.1 | 9.4  | 35.0  | 182 | 0.7 | -0.9 |
| 15:15 | 9.2  | 24.6  | 141 | 0.4 | 0.1 | 10.2 | 93.2  | 148 | 0.8 | -0.5 |
| 15:30 | 9.7  | 21.5  | 171 | 0.6 | 0.1 | 10.3 | 63.5  | 181 | 0.8 | -0.4 |
| 15:45 | 9.2  | 23.8  | 179 | 0.3 | 0.1 | 9.2  | 53.3  | 200 | 0.7 | -0.5 |
| 16:00 | 9.5  | 23.9  | 159 | 0.2 | 0.1 | 9.3  | 20.8  | 190 | 0.7 | -0.5 |
| 16:15 | 8.4  | 25.0  | 146 | 0.3 | 0.1 | 9.1  | 23.3  | 168 | 0.7 | -0.5 |
| 16:30 | 9.4  | 34.4  | 185 | 0.2 | 0.1 | 8.7  | 34.8  | 190 | 0.7 | -0.5 |
| 16:45 | 9.2  | 40.6  | 177 | 0.3 | 0.1 | 9.4  | 34.0  | 181 | 0.8 | -0.5 |
| 17:00 | 10.3 | 50.6  | 179 | 0.5 | 0.1 | 9.6  | 35.3  | 138 | 0.6 | -0.5 |
| 17:15 | 9.7  | 41.6  | 182 | 0.5 | 0.1 | 10.4 | 30.5  | 126 | 0.7 | -0.5 |
| 17:30 | 9.1  | 25.8  | 140 | 0.3 | 0.1 | 9.6  | 34.5  | 198 | 0.7 | -0.5 |
| 17:45 | 10.0 | 27.2  | 122 | 0.5 | 0.1 | 9.3  | 39.3  | 167 | 0.5 | -0.5 |
| 18:00 | 8.9  | 34.9  | 182 | 0.4 | 0.1 | 9.2  | 21.0  | 148 | 0.6 | -0.5 |
| 18:15 | 10.7 | 12.6  | 133 | 0.3 | 0.0 | 10.3 | 24.0  | 174 | 0.7 | -0.5 |
| 18:30 | 10.9 | 22.9  | 154 | 0.4 | 0.1 | 10.7 | 27.5  | 151 | 0.6 | -0.4 |
| 18:45 | 10.2 | 23.3  | 138 | 0.2 | 0.1 | 10.2 | 23.0  | 114 | 0.7 | -0.5 |
| 19:00 | 10.1 | 28.6  | 147 | 0.3 | 0.1 | 10.7 | 32.0  | 151 | 0.7 | -0.5 |
| 19:15 | 10.3 | 29.8  | 153 | 0.5 | 0.1 | 9.7  | 123.0 | 118 | 0.7 | -0.5 |
| 19:30 | 9.1  | 24.1  | 219 | 0.4 | 0.1 | 10.0 | 64.3  | 169 | 0.7 | -0.5 |
| 19:45 | 9.3  | 70.0  | 161 | 0.4 | 0.1 | 9.2  | 61.8  | 147 | 0.7 | -0.4 |
| 20:00 | 9.5  | 40.9  | 125 | 0.4 | 0.1 | 9.4  | 44.3  | 146 | 0.7 | -0.5 |
| 20:15 | 8.5  | 37.9  | 161 | 0.5 | 0.1 | 10.1 | 29.5  | 131 | 0.7 | -0.4 |
| 20:30 | 9.0  | 25.3  | 127 | 0.4 | 0.1 | 9.7  | 34.3  | 173 | 0.7 | -0.5 |
| 20:45 | 10.0 | 28.3  | 155 | 0.4 | 0.1 | 9.5  | 30.6  | 190 | 0.7 | -0.4 |
| 21:00 | 8.4  | 23.9  | 187 | 0.5 | 0.1 | 10.4 | 25.0  | 123 | 0.7 | -0.5 |
| 21:15 | 9.4  | 31.1  | 144 | 0.5 | 0.1 | 9.1  | 31.5  | 185 | 0.7 | -0.4 |
| 21:30 | 9.2  | 18.3  | 129 | 0.5 | 0.1 | 10.2 | 37.5  | 117 | 0.7 | -0.4 |
| 21:45 | 9.9  | 23.6  | 144 | 0.6 | 0.1 | 9.5  | 30.8  | 133 | 0.7 | -0.4 |
| 22:00 | 8.3  | 28.6  | 141 | 0.5 | 0.1 | 9.1  | 22.3  | 170 | 0.7 | -0.4 |
| 22:15 | 10.5 | 25.1  | 156 | 0.5 | 0.1 | 9.3  | 20.3  | 142 | 0.7 | -0.4 |
| 22:30 | 8.9  | 16.1  | 124 | 0.5 | 0.1 | 9.5  | 13.5  | 144 | 0.8 | -0.4 |
| 22:45 | 9.7  | 21.2  | 181 | 0.6 | 0.1 | 9.5  | 24.0  | 172 | 0.8 | -0.5 |
| 23:00 | 9.3  | 22.2  | 148 | 0.4 | 0.1 | 8.9  | 24.3  | 207 | 0.8 | -0.4 |
| 23:15 | 10.6 | 24.1  | 153 | 0.7 | 0.1 | 9.8  | 17.3  | 137 | 0.8 | -0.5 |
| 23:30 | 7.9  | 53.8  | 135 | 0.6 | 0.1 | 9.0  | 32.5  | 166 | 0.8 | -0.4 |
| 23:45 | 8.4  | 3.0   | 68  | 0.7 | 0.1 | 9.0  | 25.5  | 129 | 0.8 | -0.4 |
| 00:00 | 11.8 | 29.6  | 205 | 0.1 | 0.1 | 9.2  | 21.5  | 159 | 0.3 | -0.4 |

|     |       |        |        |      |        |       |        |        |      |        |
|-----|-------|--------|--------|------|--------|-------|--------|--------|------|--------|
| MIN | 4.88  | 3.01   | 62.33  | 0.17 | 0.00   | 8.12  | 17.25  | 107.88 | 0.50 | -0.50  |
| MAX | 11.81 | 282.00 | 212.75 | 0.74 | 121.55 | 10.94 | 183.00 | 212.75 | 0.97 | 122.50 |
| AVE | 9.62  |        | 155.65 |      | 9.81   |       | 51.12  |        | 0.76 |        |
|     |       | 43.51  |        | 0.49 |        | 9.85  |        | 158.64 |      | 1.27   |

|   |          |               |    |           |            |
|---|----------|---------------|----|-----------|------------|
| 1 | TIR-0413 | TOWER IM      | 6  | FIR-0956  | COND VAC   |
| 2 | TIR-0425 | TOWER OUT     | 7  | AIR-0643A | U-1 COND   |
| 3 | FIR-0135 | TURB STM KLES | 8  | AIR-0643B | U-2 COND   |
| 4 | TIR-0138 | TURB IN TEMP  | 9  | AIR-6003A | U-1 WET 02 |
| 5 | FIR-0154 | TURB IN PRESS | 10 | AIR-6003B | U-2 WET 02 |

| TIME  | 1   | 2  | 3     | 4   | 5   | 6     | 7  | 8  | 9   | 10  |
|-------|-----|----|-------|-----|-----|-------|----|----|-----|-----|
| 00:10 | 103 | 88 | 307.5 | 823 | 854 | -27.2 | 10 | 9  | 8.9 | 8.8 |
| 00:20 | 103 | 88 | 312.5 | 821 | 854 | -27.2 | 9  | 13 | 7.8 | 8.2 |
| 00:40 | 103 | 88 | 307.0 | 819 | 854 | -27.2 | 8  | 13 | 7.0 | 8.2 |
| 01:00 | 103 | 88 | 303.5 | 823 | 854 | -27.2 | -2 | 13 | 8.0 | 7.3 |
| 01:15 | 103 | 88 | 305.5 | 831 | 853 | -27.1 | 8  | 12 | 8.8 | 7.8 |
| 01:30 | 101 | 88 | 297.5 | 822 | 851 | -27.2 | -3 | 17 | 8.9 | 8.0 |
| 01:45 | 101 | 87 | 295.0 | 833 | 854 | -27.3 | 11 | 17 | 8.9 | 8.3 |
| 02:00 | 102 | 82 | 328.5 | 831 | 854 | -27.2 | 2  | 22 | 7.8 | 6.7 |
| 02:15 | 101 | 88 | 327.0 | 830 | 853 | -27.2 | 22 | 15 | 8.4 | 8.3 |
| 02:30 | 103 | 82 | 325.0 | 830 | 854 | -27.2 | 6  | 11 | 7.4 | 7.3 |
| 02:45 | 103 | 88 | 324.5 | 829 | 854 | -27.2 | 6  | 16 | 7.8 | 7.5 |
| 03:00 | 103 | 88 | 322.5 | 830 | 854 | -27.2 | 2  | 12 | 8.5 | 7.7 |
| 03:15 | 102 | 88 | 312.0 | 830 | 854 | -27.2 | 12 | 10 | 7.8 | 8.4 |
| 03:30 | 103 | 82 | 313.5 | 832 | 854 | -27.2 | 15 | 12 | 8.8 | 8.2 |
| 03:45 | 103 | 83 | 327.0 | 830 | 854 | -27.2 | 8  | 18 | 8.2 | 8.0 |
| 04:00 | 103 | 82 | 318.5 | 827 | 854 | -27.2 | 6  | 14 | 8.3 | 7.9 |
| 04:15 | 102 | 88 | 323.5 | 828 | 854 | -27.2 | 6  | 14 | 8.9 | 7.6 |
| 04:30 | 103 | 88 | 318.5 | 830 | 854 | -27.2 | 7  | 22 | 7.8 | 7.8 |
| 04:45 | 103 | 88 | 326.5 | 831 | 854 | -27.2 | -4 | 16 | 8.6 | 8.2 |
| 05:00 | 103 | 82 | 330.0 | 830 | 854 | -27.2 | 2  | 11 | 8.5 | 7.9 |
| 05:15 | 103 | 82 | 330.0 | 829 | 854 | -27.2 | 6  | 12 | 8.4 | 8.0 |
| 05:30 | 103 | 82 | 328.0 | 830 | 854 | -27.2 | 3  | 14 | 8.1 | 7.5 |
| 05:45 | 102 | 88 | 325.0 | 831 | 854 | -27.2 | 6  | 11 | 8.9 | 8.0 |
| 06:00 | 102 | 87 | 328.0 | 831 | 854 | -27.2 | 8  | 16 | 8.2 | 8.3 |
| 06:15 | 102 | 88 | 330.5 | 832 | 854 | -27.2 | -1 | 14 | 8.2 | 8.2 |
| 06:30 | 103 | 82 | 331.0 | 829 | 853 | -27.2 | 1  | 12 | 7.6 | 7.5 |
| 06:45 | 103 | 87 | 329.5 | 830 | 854 | -27.2 | 2  | 15 | 8.6 | 7.4 |
| 07:00 | 102 | 82 | 321.5 | 825 | 854 | -27.2 | 3  | 12 | 7.2 | 8.1 |
| 07:15 | 102 | 87 | 327.0 | 829 | 854 | -27.2 | 4  | 17 | 8.3 | 7.9 |
| 07:30 | 102 | 87 | 334.5 | 829 | 854 | -27.2 | 8  | 16 | 7.0 | 7.8 |
| 07:45 | 102 | 88 | 315.0 | 828 | 854 | -27.2 | 11 | 17 | 8.4 | 8.0 |
| 08:00 | 102 | 88 | 334.0 | 829 | 853 | -27.2 | 21 | 25 | 8.5 | 8.1 |
| 08:15 | 102 | 88 | 320.0 | 833 | 854 | -27.2 | 12 | 19 | 8.8 | 7.8 |
| 08:30 | 102 | 83 | 322.5 | 832 | 854 | -27.2 | 11 | 17 | 8.8 | 8.0 |
| 08:45 | 103 | 82 | 323.0 | 832 | 854 | -27.2 | 4  | 18 | 7.3 | 7.1 |
| 09:00 | 104 | 89 | 330.5 | 831 | 854 | -27.2 | 14 | 12 | 7.6 | 7.1 |
| 09:15 | 103 | 90 | 307.5 | 829 | 854 | -27.2 | 8  | 21 | 8.1 | 8.2 |
| 09:30 | 104 | 83 | 308.5 | 834 | 854 | -27.2 | 8  | 21 | 6.7 | 7.2 |
| 09:45 | 104 | 80 | 317.0 | 830 | 854 | -27.2 | 7  | 23 | 7.9 | 7.6 |
| 10:00 | 104 | 90 | 318.5 | 828 | 854 | -27.2 | 3  | 17 | 8.6 | 7.6 |
| 10:15 | 104 | 80 | 327.5 | 830 | 854 | -27.2 | 5  | 9  | 6.7 | 7.1 |
| 10:30 | 104 | 90 | 325.5 | 831 | 854 | -27.2 | 2  | 17 | 6.7 | 7.2 |
| 10:45 | 104 | 90 | 321.5 | 830 | 854 | -27.2 | 7  | 14 | 8.0 | 7.0 |
| 11:00 | 105 | 90 | 332.5 | 831 | 854 | -27.2 | -1 | 12 | 7.8 | 7.1 |
| 11:15 | 105 | 90 | 317.5 | 827 | 853 | -27.2 | 3  | 9  | 7.5 | 7.8 |
| 11:30 | 105 | 90 | 329.0 | 828 | 854 | -27.2 | 2  | 15 | 7.2 | 7.6 |
| 11:45 | 105 | 90 | 317.0 | 828 | 854 | -27.2 | 4  | 14 | 6.8 | 7.0 |
| 12:00 | 105 | 90 | 323.0 | 829 | 854 | -27.2 | 5  | 15 | 7.7 | 7.6 |
| 12:15 | 105 | 80 | 320.5 | 830 | 854 | -27.2 | 4  | 14 | 7.2 | 7.4 |
| 12:30 | 105 | 88 | 317.5 | 830 | 854 | -27.2 | -1 | 10 | 6.5 | 7.3 |

|       |     |    |       |     |     |       |     |    |     |     |
|-------|-----|----|-------|-----|-----|-------|-----|----|-----|-----|
| 13:45 | 103 | 90 | 324.5 | 830 | 854 | -27.1 | 3   | 13 | 8.3 | 8.2 |
| 14:00 | 104 | 89 | 332.0 | 831 | 854 | -27.1 | 1   | 11 | 7.5 | 6.8 |
| 14:15 | 104 | 89 | 331.5 | 831 | 854 | -27.1 | 10  | 11 | 7.9 | 7.7 |
| 14:30 | 105 | 90 | 324.0 | 827 | 854 | -27.1 | 2   | 13 | 8.3 | 8.7 |
| 14:45 | 105 | 90 | 322.5 | 829 | 854 | -27.1 | 4   | 13 | 7.7 | 8.1 |
| 15:00 | 104 | 90 | 325.0 | 829 | 854 | -27.1 | 69  | 14 | 4.4 | 7.2 |
| 15:15 | 104 | 90 | 325.0 | 827 | 854 | -27.1 | 13  | 12 | 7.0 | 7.8 |
| 15:30 | 104 | 90 | 330.5 | 830 | 854 | -27.1 | 5   | 10 | 6.5 | 8.0 |
| 15:45 | 105 | 90 | 331.5 | 829 | 854 | -27.1 | -2  | 9  | 7.1 | 7.1 |
| 16:00 | 103 | 89 | 316.0 | 825 | 854 | -27.2 | -1  | 14 | 6.8 | 7.2 |
| 16:15 | 104 | 89 | 332.0 | 830 | 854 | -27.1 | 1   | 14 | 7.0 | 7.0 |
| 16:30 | 104 | 89 | 331.0 | 830 | 854 | -27.1 | -1  | 9  | 7.7 | 6.9 |
| 16:45 | 105 | 91 | 320.5 | 829 | 854 | -27.0 | -4  | 15 | 7.1 | 7.2 |
| 17:00 | 104 | 90 | 326.5 | 830 | 854 | -27.1 | 4   | 14 | 7.3 | 7.3 |
| 17:15 | 104 | 89 | 330.0 | 830 | 854 | -27.1 | -2  | 15 | 7.4 | 8.3 |
| 17:30 | 103 | 90 | 327.5 | 829 | 854 | -27.2 | 4   | 12 | 7.1 | 7.0 |
| 17:45 | 103 | 89 | 322.0 | 830 | 854 | -27.3 | 4   | 13 | 7.6 | 7.3 |
| 18:00 | 103 | 86 | 334.5 | 831 | 854 | -27.2 | -1  | 12 | 6.9 | 7.4 |
| 18:15 | 102 | 88 | 314.0 | 829 | 854 | -27.3 | 25  | 9  | 8.4 | 7.8 |
| 18:30 | 102 | 88 | 329.0 | 829 | 854 | -27.3 | 9   | 13 | 7.3 | 8.0 |
| 18:45 | 102 | 88 | 326.5 | 828 | 854 | -27.3 | -4  | 10 | 8.0 | 8.6 |
| 19:00 | 102 | 88 | 318.0 | 829 | 854 | -27.3 | -0  | 13 | 7.3 | 8.0 |
| 19:15 | 102 | 88 | 293.0 | 828 | 854 | -27.3 | 2   | 14 | 8.4 | 7.9 |
| 19:30 | 102 | 87 | 291.0 | 830 | 854 | -27.3 | -6  | 17 | 6.9 | 7.7 |
| 19:45 | 102 | 88 | 318.0 | 832 | 854 | -27.2 | -4  | 12 | 7.5 | 7.7 |
| 20:00 | 103 | 88 | 320.5 | 830 | 853 | -27.2 | 10  | 2  | 7.3 | 7.3 |
| 20:15 | 104 | 88 | 314.0 | 831 | 854 | -27.3 | 2   | 15 | 6.7 | 7.7 |
| 20:30 | 103 | 88 | 316.0 | 830 | 854 | -27.2 | -4  | 9  | 7.6 | 7.6 |
| 20:45 | 102 | 88 | 310.5 | 828 | 854 | -27.2 | 2   | 13 | 8.0 | 7.2 |
| 21:00 | 103 | 89 | 307.5 | 829 | 854 | -27.3 | -3  | 22 | 6.4 | 8.3 |
| 21:15 | 103 | 89 | 322.0 | 830 | 854 | -27.2 | 5   | 11 | 6.9 | 7.1 |
| 21:30 | 103 | 89 | 313.5 | 830 | 854 | -27.2 | 14  | 14 | 7.1 | 7.8 |
| 21:45 | 103 | 89 | 330.0 | 830 | 853 | -27.2 | -1  | 13 | 7.4 | 6.1 |
| 22:00 | 102 | 88 | 309.5 | 829 | 854 | -27.3 | -3  | 18 | 6.8 | 7.0 |
| 22:15 | 102 | 88 | 298.0 | 828 | 853 | -27.3 | 4   | 14 | 8.5 | 7.4 |
| 22:30 | 101 | 88 | 303.5 | 827 | 854 | -27.2 | 5   | 13 | 7.3 | 7.6 |
| 22:45 | 102 | 88 | 311.5 | 830 | 854 | -27.2 | 4   | 16 | 7.3 | 7.4 |
| 23:00 | 102 | 88 | 326.0 | 831 | 855 | -27.3 | 11  | 10 | 7.3 | 5.3 |
| 23:15 | 102 | 88 | 310.5 | 830 | 854 | -27.3 | -3  | 21 | 6.5 | 7.6 |
| 23:30 | 102 | 89 | 290.5 | 826 | 854 | -27.3 | -3  | 15 | 5.3 | 6.7 |
| 23:45 | 99  | 87 | 251.0 | 798 | 854 | -27.6 | -15 | 15 | 6.7 | 7.1 |
| 00:00 | 98  | 87 | 243.0 | 816 | 854 | -27.7 | -11 | 12 | 8.3 | 7.3 |

|     |        |       |        |        |        |        |        |       |      |      |
|-----|--------|-------|--------|--------|--------|--------|--------|-------|------|------|
| MIN | 99.13  | 86.75 | 243.00 | 798.00 | 831.00 | -27.63 | -14.91 | 7.85  | 4.40 | 5.87 |
| MAX | 105.32 | 90.63 | 334.50 | 833.00 | 855.00 | -27.03 | 63.88  | 24.64 | 8.33 | 8.80 |
| Avg | 103.03 |       | 313.68 |        | 833.92 |        | 4.91   |       | 7.67 |      |
|     |        | 89.63 |        | 828.76 |        | -27.20 |        | 14.47 |      | 7.63 |

ECOH OUT TEMPS MOVED TO LOG 21  
DUE TO SPACE LIMITATIONS

- 1 TIR-06049 FURNACE SIDEWALL TEMP
- 2 TIR-06019 FURNACE ROOF TEMP
- 3 TIR-06088 END PASS EXHAUST TEMP
- 4 TIR-06109 SEC 2/4 INLET TEMP
- 5 TIR-06158 SEC 3/4 INLET TEMP
- 6 TIR-06178 ECON INLET TEMP
- 7 TIR-06198 ECON EXHAUST TEMP
- 8 TIR-06258 UNHEATED COMB AIR TEMP
- 9 TIR-06059 2ND AIR OUTLET TEMP
- 10 TIR-06139 3RD AIR OUTLET TEMP

| TIME  | 1    | 2    | 3    | 4    | 5   | 6   | 7   | 8  | 9   | 10  |
|-------|------|------|------|------|-----|-----|-----|----|-----|-----|
| 00:25 | 1575 | 1500 | 1234 | 1060 | 782 | 733 | 407 | 85 | 234 | 97  |
| 00:50 | 1585 | 1492 | 1241 | 1064 | 787 | 725 | 405 | 85 | 234 | 97  |
| 00:45 | 1595 | 1492 | 1234 | 1074 | 788 | 728 | 405 | 86 | 235 | 98  |
| 01:00 | 1574 | 1500 | 1232 | 1070 | 787 | 722 | 405 | 85 | 233 | 98  |
| 01:15 | 1540 | 1492 | 1224 | 1070 | 785 | 723 | 405 | 86 | 234 | 97  |
| 01:30 | 1552 | 1490 | 1234 | 1076 | 782 | 727 | 405 | 86 | 233 | 97  |
| 01:45 | 1544 | 1490 | 1220 | 1070 | 782 | 720 | 403 | 86 | 233 | 97  |
| 02:00 | 1562 | 1500 | 1234 | 1082 | 785 | 722 | 403 | 86 | 234 | 97  |
| 02:15 | 1570 | 1492 | 1226 | 1084 | 785 | 722 | 399 | 85 | 235 | 96  |
| 02:30 | 1572 | 1491 | 1225 | 1084 | 784 | 721 | 399 | 86 | 234 | 96  |
| 02:45 | 1560 | 1484 | 1222 | 1080 | 782 | 715 | 398 | 86 | 235 | 96  |
| 03:00 | 1572 | 1495 | 1234 | 1082 | 785 | 722 | 398 | 85 | 235 | 96  |
| 03:15 | 1570 | 1484 | 1229 | 1081 | 787 | 727 | 400 | 85 | 234 | 96  |
| 03:30 | 1575 | 1491 | 1231 | 1093 | 792 | 727 | 402 | 84 | 234 | 96  |
| 03:45 | 1570 | 1494 | 1232 | 1084 | 789 | 725 | 402 | 85 | 235 | 96  |
| 04:00 | 1585 | 1484 | 1222 | 1080 | 784 | 722 | 400 | 84 | 234 | 95  |
| 04:15 | 1572 | 1492 | 1236 | 1084 | 788 | 725 | 401 | 84 | 234 | 95  |
| 04:30 | 1584 | 1482 | 1228 | 1082 | 785 | 722 | 402 | 84 | 234 | 96  |
| 04:45 | 1582 | 1508 | 1242 | 1094 | 795 | 731 | 403 | 84 | 235 | 95  |
| 05:00 | 1584 | 1502 | 1242 | 1090 | 789 | 729 | 401 | 84 | 234 | 95  |
| 05:15 | 1570 | 1510 | 1244 | 1092 | 794 | 728 | 402 | 83 | 235 | 95  |
| 05:30 | 1550 | 1512 | 1244 | 1091 | 792 | 731 | 404 | 84 | 235 | 95  |
| 05:45 | 1558 | 1502 | 1234 | 1092 | 787 | 730 | 404 | 84 | 235 | 95  |
| 06:00 | 1588 | 1492 | 1235 | 1094 | 791 | 731 | 405 | 84 | 234 | 95  |
| 06:15 | 1584 | 1514 | 1252 | 1100 | 799 | 734 | 405 | 85 | 234 | 95  |
| 06:30 | 1578 | 1510 | 1245 | 1098 | 796 | 731 | 405 | 85 | 235 | 94  |
| 06:45 | 1572 | 1520 | 1254 | 1101 | 797 | 731 | 404 | 84 | 234 | 95  |
| 07:00 | 1584 | 1500 | 1236 | 1082 | 791 | 727 | 403 | 85 | 234 | 95  |
| 07:15 | 1570 | 1512 | 1240 | 1094 | 797 | 727 | 405 | 84 | 234 | 95  |
| 07:30 | 1614 | 1512 | 1254 | 1103 | 799 | 729 | 404 | 84 | 235 | 95  |
| 07:45 | 1576 | 1496 | 1232 | 1088 | 787 | 723 | 401 | 84 | 235 | 95  |
| 08:00 | 1542 | 1495 | 1216 | 1076 | 786 | 721 | 401 | 84 | 234 | 95  |
| 08:15 | 1542 | 1495 | 1240 | 1094 | 793 | 727 | 405 | 86 | 237 | 97  |
| 08:30 | 1514 | 1504 | 1241 | 1098 | 801 | 734 | 402 | 85 | 230 | 98  |
| 08:45 | 1538 | 1514 | 1250 | 1102 | 807 | 741 | 412 | 86 | 233 | 98  |
| 09:00 | 1521 | 1514 | 1244 | 1105 | 804 | 740 | 412 | 85 | 234 | 95  |
| 09:15 | 1522 | 1484 | 1234 | 1092 | 802 | 735 | 411 | 85 | 234 | 100 |
| 09:30 | 1520 | 1484 | 1228 | 1092 | 802 | 735 | 413 | 86 | 234 | 101 |
| 09:45 | 1518 | 1498 | 1240 | 1094 | 804 | 738 | 413 | 81 | 235 | 102 |
| 10:00 | 1518 | 1514 | 1258 | 1105 | 805 | 733 | 413 | 87 | 237 | 103 |
| 10:15 | 1525 | 1524 | 1250 | 1110 | 801 | 741 | 414 | 83 | 237 | 104 |
| 10:30 | 1560 | 1515 | 1265 | 1108 | 809 | 742 | 414 | 83 | 237 | 104 |
| 10:45 | 1560 | 1512 | 1250 | 1108 | 810 | 744 | 415 | 84 | 238 | 105 |
| 11:00 | 1550 | 1521 | 1258 | 1115 | 813 | 741 | 415 | 85 | 237 | 106 |
| 11:15 | 1545 | 1509 | 1245 | 1106 | 808 | 741 | 414 | 85 | 238 | 107 |
| 11:30 | 1545 | 1509 | 1245 | 1106 | 808 | 741 | 414 | 85 | 238 | 107 |

|       |      |      |      |      |     |     |     |     |     |     |
|-------|------|------|------|------|-----|-----|-----|-----|-----|-----|
| 10:45 | 1518 | 1520 | 1258 | 1102 | 817 | 765 | 412 | 98  | 288 | 108 |
| 10:00 | 1518 | 1494 | 1232 | 1094 | 802 | 737 | 412 | 100 | 288 | 110 |
| 10:15 | 1522 | 1522 | 1252 | 1102 | 808 | 740 | 414 | 100 | 288 | 110 |
| 10:30 | 1526 | 1520 | 1254 | 1108 | 810 | 748 | 416 | 100 | 280 | 110 |
| 10:45 | 1574 | 1522 | 1254 | 1112 | 814 | 746 | 416 | 101 | 300 | 111 |
| 10:00 | 1594 | 1522 | 1272 | 1122 | 816 | 768 | 416 | 101 | 288 | 111 |
| 10:15 | 1584 | 1530 | 1244 | 1112 | 810 | 744 | 414 | 102 | 301 | 111 |
| 10:30 | 1601 | 1538 | 1256 | 1108 | 807 | 741 | 412 | 102 | 301 | 112 |
| 10:45 | 1602 | 1524 | 1264 | 1114 | 811 | 743 | 414 | 103 | 301 | 112 |
| 10:00 | 1596 | 1522 | 1250 | 1102 | 800 | 740 | 411 | 102 | 302 | 112 |
| 10:15 | 1594 | 1496 | 1242 | 1098 | 801 | 734 | 412 | 102 | 288 | 111 |
| 10:30 | 1584 | 1508 | 1264 | 1108 | 810 | 743 | 415 | 102 | 300 | 111 |
| 10:45 | 1590 | 1510 | 1262 | 1108 | 810 | 743 | 415 | 102 | 300 | 111 |
| 10:00 | 1576 | 1496 | 1250 | 1102 | 805 | 738 | 413 | 102 | 288 | 111 |
| 10:15 | 1598 | 1520 | 1262 | 1112 | 807 | 747 | 414 | 103 | 300 | 112 |
| 10:30 | 1574 | 1522 | 1246 | 1106 | 804 | 739 | 412 | 103 | 300 | 112 |
| 10:45 | 1572 | 1514 | 1248 | 1106 | 808 | 742 | 414 | 103 | 300 | 111 |
| 10:00 | 1572 | 1528 | 1248 | 1110 | 811 | 744 | 414 | 101 | 288 | 110 |
| 10:15 | 1548 | 1528 | 1256 | 1110 | 812 | 744 | 414 | 99  | 300 | 107 |
| 10:30 | 1548 | 1514 | 1248 | 1102 | 807 | 742 | 414 | 97  | 288 | 104 |
| 10:45 | 1548 | 1526 | 1252 | 1108 | 812 | 744 | 415 | 95  | 287 | 103 |
| 10:00 | 1534 | 1540 | 1214 | 1114 | 817 | 748 | 416 | 94  | 288 | 102 |
| 10:15 | 1524 | 1512 | 1242 | 1100 | 816 | 750 | 417 | 93  | 287 | 100 |
| 10:30 | 1524 | 1544 | 1218 | 1112 | 821 | 752 | 418 | 92  | 287 | 100 |
| 10:45 | 1514 | 1522 | 1252 | 1108 | 815 | 748 | 416 | 91  | 287 | 99  |
| 10:00 | 1570 | 1538 | 1254 | 1108 | 815 | 747 | 416 | 90  | 288 | 99  |
| 10:15 | 1550 | 1480 | 1224 | 1084 | 808 | 741 | 415 | 90  | 286 | 98  |
| 10:30 | 1532 | 1500 | 1240 | 1088 | 812 | 741 | 416 | 89  | 286 | 98  |
| 10:45 | 1574 | 1542 | 1278 | 1122 | 822 | 752 | 418 | 88  | 287 | 97  |
| 20:00 | 1552 | 1524 | 1258 | 1116 | 818 | 749 | 417 | 88  | 287 | 98  |
| 20:15 | 1554 | 1510 | 1246 | 1112 | 815 | 747 | 417 | 88  | 286 | 97  |
| 20:30 | 1578 | 1522 | 1256 | 1118 | 819 | 751 | 418 | 88  | 286 | 97  |
| 20:45 | 1550 | 1526 | 1260 | 1108 | 817 | 748 | 417 | 87  | 286 | 97  |
| 21:00 | 1532 | 1524 | 1256 | 1104 | 816 | 747 | 417 | 87  | 286 | 96  |
| 21:15 | 1524 | 1512 | 1254 | 1110 | 819 | 750 | 418 | 86  | 287 | 96  |
| 21:30 | 1554 | 1524 | 1260 | 1116 | 821 | 754 | 420 | 86  | 287 | 96  |
| 21:45 | 1530 | 1540 | 1266 | 1118 | 822 | 758 | 419 | 86  | 286 | 96  |
| 22:00 | 1543 | 1430 | 1236 | 1106 | 817 | 748 | 419 | 86  | 286 | 96  |
| 22:15 | 1476 | 1488 | 1228 | 1090 | 813 | 743 | 418 | 86  | 284 | 96  |
| 22:30 | 1494 | 1498 | 1212 | 1078 | 807 | 738 | 416 | 85  | 281 | 96  |
| 22:45 | 1496 | 1488 | 1238 | 1096 | 815 | 745 | 421 | 85  | 287 | 96  |
| 23:00 | 1540 | 1528 | 1252 | 1116 | 821 | 752 | 423 | 84  | 282 | 95  |
| 23:15 | 1524 | 1514 | 1232 | 1118 | 820 | 753 | 422 | 84  | 282 | 96  |
| 23:30 | 1524 | 1512 | 1208 | 1084 | 788 | 735 | 404 | 84  | 300 | 92  |
| 23:45 | 1532 | 1498 | 991  | 284  | 256 | 640 | 358 | 85  | 305 | 94  |
| 00:00 | 1454 | 1434 | 1140 | 1004 | 731 | 667 | 378 | 85  | 304 | 96  |

|     |         |         |         |         |        |        |        |        |        |        |
|-----|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| 818 | 1454.00 | 1434.00 | 991.00  | 284.00  | 256.00 | 640.00 | 357.50 | 82.88  | 282.75 | 94.38  |
| 820 | 1614.00 | 1544.00 | 1272.00 | 1122.00 | 822.00 | 754.00 | 422.50 | 103.00 | 305.00 | 112.38 |
| 822 | 1558.50 |         | 1240.75 |         | 801.00 |        | 409.71 |        | 276.02 |        |
|     |         | 1507.33 |         | 1025.36 |        | 735.72 |        | 90.34  |        | 100.63 |

1 01-40088 EXCESS OXYGEN  
 2 01R-00074 STEAM DRUM PSIG  
 3 11R-01024 FRI 3/4 STM IN  
 4 11R-01028 FRI 3/4 STM OUT  
 5 11R-01074 FRIAL 3/4 STM IN  
 6 11R-01058 FRIAL 3/4 STM OUT  
 7 01R-00088 FURN PRESS  
 8 001R-00004 5/4 DIFF PRESS  
 9 11R-00044 ID FAN AMPS  
 10 11R-00084 ECON WATER INLET

## TIME

| TIME  | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9  | 10  |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 00:15 | 7.1 | 984 | 541 | 581 | 737 | 819 | -0.2 | 0.2 | 79 | 287 |
| 00:30 | 7.5 | 989 | 541 | 572 | 739 | 822 | -0.2 | 0.2 | 79 | 287 |
| 00:45 | 7.6 | 989 | 541 | 572 | 739 | 820 | -0.2 | 0.2 | 82 | 288 |
| 01:00 | 8.0 | 992 | 541 | 572 | 734 | 825 | -0.4 | 0.2 | 79 | 287 |
| 01:15 | 8.2 | 977 | 540 | 570 | 742 | 832 | -0.3 | 0.2 | 79 | 287 |
| 01:30 | 8.2 | 977 | 540 | 578 | 747 | 830 | -0.3 | 0.2 | 82 | 287 |
| 01:45 | 8.3 | 975 | 540 | 578 | 747 | 829 | -0.7 | 0.2 | 79 | 287 |
| 02:00 | 7.8 | 985 | 541 | 578 | 748 | 828 | -0.4 | 0.2 | 79 | 287 |
| 02:15 | 8.4 | 984 | 541 | 577 | 745 | 827 | -0.2 | 0.2 | 79 | 287 |
| 02:30 | 7.4 | 984 | 541 | 577 | 747 | 828 | -0.4 | 0.2 | 78 | 287 |
| 03:45 | 7.8 | 983 | 541 | 577 | 745 | 827 | -0.2 | 0.2 | 78 | 287 |
| 03:00 | 8.5 | 981 | 541 | 577 | 745 | 829 | -0.0 | 0.2 | 79 | 287 |
| 03:15 | 7.8 | 979 | 540 | 582 | 748 | 829 | -0.2 | 0.2 | 79 | 287 |
| 03:30 | 8.6 | 982 | 541 | 582 | 756 | 832 | -0.1 | 0.2 | 79 | 287 |
| 03:45 | 8.2 | 984 | 541 | 589 | 749 | 827 | -0.7 | 0.2 | 78 | 287 |
| 04:00 | 8.5 | 979 | 540 | 579 | 743 | 824 | -0.3 | 0.2 | 76 | 287 |
| 04:15 | 8.3 | 981 | 540 | 580 | 746 | 827 | -0.2 | 0.2 | 78 | 287 |
| 04:30 | 7.8 | 980 | 540 | 583 | 742 | 828 | -0.3 | 0.2 | 78 | 287 |
| 04:45 | 8.5 | 985 | 541 | 583 | 747 | 830 | -0.5 | 0.2 | 75 | 287 |
| 05:00 | 8.5 | 984 | 541 | 579 | 743 | 824 | -0.4 | 0.2 | 76 | 288 |
| 05:15 | 8.4 | 984 | 541 | 581 | 746 | 822 | -0.0 | 0.2 | 78 | 288 |
| 05:30 | 8.1 | 984 | 541 | 588 | 743 | 821 | -0.2 | 0.2 | 79 | 287 |
| 05:45 | 8.3 | 980 | 540 | 583 | 745 | 822 | -0.3 | 0.2 | 79 | 287 |
| 06:00 | 8.2 | 982 | 541 | 582 | 744 | 820 | -0.3 | 0.2 | 79 | 288 |
| 06:15 | 8.2 | 987 | 541 | 583 | 748 | 830 | -0.4 | 0.2 | 78 | 287 |
| 06:30 | 7.9 | 984 | 541 | 589 | 745 | 827 | -0.6 | 0.2 | 78 | 286 |
| 06:45 | 8.5 | 986 | 541 | 583 | 747 | 828 | -0.1 | 0.2 | 78 | 289 |
| 07:00 | 7.2 | 981 | 540 | 585 | 745 | 825 | -0.1 | 0.2 | 79 | 288 |
| 07:15 | 8.3 | 982 | 541 | 582 | 744 | 827 | -0.0 | 0.2 | 78 | 287 |
| 07:30 | 7.9 | 982 | 540 | 581 | 741 | 826 | -0.3 | 0.2 | 78 | 287 |
| 07:45 | 8.4 | 977 | 540 | 580 | 742 | 824 | -0.3 | 0.2 | 76 | 287 |
| 08:00 | 8.5 | 983 | 539 | 582 | 743 | 825 | -0.2 | 0.2 | 75 | 287 |
| 08:15 | 8.2 | 980 | 540 | 589 | 751 | 832 | -0.2 | 0.2 | 79 | 288 |
| 08:30 | 8.2 | 980 | 540 | 592 | 752 | 833 | -0.7 | 0.2 | 82 | 290 |
| 08:45 | 7.3 | 983 | 541 | 593 | 751 | 834 | -0.2 | 0.2 | 82 | 289 |
| 09:00 | 7.5 | 982 | 541 | 590 | 748 | 829 | -0.3 | 0.2 | 79 | 290 |
| 09:15 | 8.1 | 972 | 539 | 591 | 746 | 826 | -0.0 | 0.2 | 79 | 290 |
| 09:30 | 8.7 | 976 | 540 | 593 | 747 | 826 | -0.0 | 0.2 | 79 | 290 |
| 09:45 | 7.9 | 977 | 540 | 590 | 745 | 825 | -0.3 | 0.2 | 79 | 289 |
| 10:00 | 8.8 | 984 | 541 | 587 | 744 | 824 | -0.3 | 0.2 | 79 | 290 |
| 10:15 | 8.7 | 983 | 541 | 592 | 747 | 829 | -0.1 | 0.2 | 82 | 290 |
| 10:30 | 8.7 | 981 | 540 | 592 | 748 | 830 | -0.2 | 0.2 | 82 | 290 |
| 10:45 | 8.0 | 979 | 540 | 593 | 747 | 828 | -0.2 | 0.2 | 81 | 290 |
| 11:00 | 7.8 | 985 | 541 | 593 | 742 | 830 | -0.0 | 0.2 | 79 | 290 |
| 11:15 | 7.5 | 979 | 540 | 592 | 744 | 824 | -0.5 | 0.2 | 78 | 290 |
| 11:30 | 7.9 | 986 | 541 | 593 | 744 | 827 | -0.4 | 0.2 | 79 | 290 |

|       |     |     |     |     |     |     |      |     |    |     |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 12:30 | 7.5 | 981 | 541 | 590 | 747 | 823 | -0.1 | 0.2 | 78 | 290 |
| 12:45 | 9.3 | 981 | 540 | 591 | 745 | 828 | -0.2 | 0.2 | 78 | 290 |
| 13:00 | 9.4 | 982 | 539 | 591 | 741 | 822 | -0.3 | 0.2 | 78 | 290 |
| 13:15 | 7.3 | 984 | 541 | 591 | 744 | 826 | -0.2 | 0.2 | 79 | 290 |
| 13:30 | 9.1 | 980 | 540 | 592 | 744 | 827 | -0.3 | 0.2 | 78 | 290 |
| 13:45 | 9.3 | 922 | 541 | 591 | 745 | 828 | -0.3 | 0.2 | 78 | 290 |
| 14:00 | 7.5 | 990 | 541 | 593 | 747 | 831 | -0.4 | 0.2 | 77 | 290 |
| 14:15 | 7.9 | 988 | 541 | 590 | 749 | 827 | -0.3 | 0.2 | 78 | 290 |
| 14:30 | 8.3 | 979 | 540 | 589 | 742 | 826 | -0.6 | 0.2 | 78 | 290 |
| 14:45 | 7.7 | 984 | 541 | 590 | 744 | 829 | -0.3 | 0.2 | 78 | 290 |
| 15:00 | 4.4 | 981 | 541 | 590 | 744 | 822 | -0.3 | 0.1 | 67 | 290 |
| 15:15 | 7.0 | 979 | 540 | 590 | 749 | 824 | -0.3 | 0.2 | 73 | 290 |
| 15:30 | 6.1 | 985 | 541 | 589 | 745 | 829 | -0.3 | 0.2 | 79 | 289 |
| 15:45 | 7.1 | 988 | 541 | 588 | 744 | 827 | -0.4 | 0.2 | 79 | 290 |
| 16:00 | 6.8 | 986 | 541 | 587 | 743 | 826 | -0.3 | 0.2 | 78 | 290 |
| 16:15 | 7.0 | 988 | 540 | 588 | 749 | 828 | -0.2 | 0.2 | 78 | 290 |
| 16:30 | 7.7 | 981 | 540 | 585 | 742 | 828 | -0.2 | 0.2 | 79 | 290 |
| 16:45 | 7.1 | 982 | 540 | 588 | 743 | 829 | -0.2 | 0.2 | 78 | 290 |
| 17:00 | 7.8 | 984 | 541 | 588 | 743 | 823 | -0.5 | 0.2 | 78 | 290 |
| 17:15 | 7.4 | 984 | 541 | 588 | 747 | 829 | -0.6 | 0.2 | 78 | 291 |
| 17:30 | 7.1 | 979 | 540 | 588 | 745 | 828 | -0.2 | 0.2 | 78 | 290 |
| 17:45 | 7.0 | 981 | 540 | 589 | 747 | 830 | -0.2 | 0.2 | 78 | 290 |
| 18:00 | 6.9 | 988 | 541 | 592 | 749 | 831 | -0.4 | 0.2 | 79 | 290 |
| 18:15 | 8.4 | 975 | 540 | 591 | 745 | 828 | -0.2 | 0.2 | 79 | 290 |
| 18:30 | 7.9 | 988 | 541 | 592 | 743 | 830 | -0.2 | 0.2 | 79 | 290 |
| 18:45 | 8.0 | 982 | 541 | 589 | 743 | 826 | -0.2 | 0.2 | 78 | 290 |
| 19:00 | 7.9 | 983 | 541 | 593 | 744 | 826 | -0.0 | 0.2 | 78 | 290 |
| 19:15 | 8.4 | 967 | 539 | 592 | 744 | 826 | -0.7 | 0.2 | 78 | 289 |
| 19:30 | 6.9 | 977 | 540 | 597 | 749 | 829 | -0.2 | 0.2 | 78 | 290 |
| 19:45 | 7.5 | 981 | 540 | 591 | 747 | 832 | -0.4 | 0.2 | 79 | 291 |
| 20:00 | 7.9 | 982 | 541 | 589 | 744 | 828 | -0.3 | 0.2 | 78 | 290 |
| 20:15 | 6.7 | 978 | 540 | 592 | 746 | 829 | -0.1 | 0.2 | 79 | 290 |
| 20:30 | 7.6 | 983 | 541 | 593 | 749 | 832 | -0.3 | 0.2 | 79 | 290 |
| 20:45 | 8.0 | 982 | 541 | 590 | 743 | 825 | -0.2 | 0.2 | 78 | 290 |
| 21:00 | 6.4 | 980 | 540 | 594 | 745 | 826 | -0.1 | 0.2 | 79 | 290 |
| 21:15 | 6.9 | 980 | 541 | 592 | 745 | 829 | -0.7 | 0.2 | 79 | 290 |
| 21:30 | 7.1 | 984 | 541 | 594 | 747 | 850 | -0.3 | 0.2 | 79 | 290 |
| 21:45 | 7.4 | 984 | 541 | 595 | 746 | 828 | -0.2 | 0.2 | 79 | 290 |
| 22:00 | 6.8 | 971 | 540 | 595 | 746 | 828 | -0.2 | 0.2 | 79 | 290 |
| 22:15 | 8.5 | 964 | 539 | 599 | 747 | 827 | -0.3 | 0.2 | 79 | 290 |
| 22:30 | 7.3 | 964 | 538 | 700 | 744 | 824 | -0.1 | 0.2 | 79 | 290 |
| 22:45 | 7.3 | 972 | 539 | 597 | 745 | 828 | -0.2 | 0.2 | 79 | 290 |
| 23:00 | 7.3 | 981 | 541 | 597 | 743 | 831 | -0.2 | 0.2 | 82 | 290 |
| 23:15 | 8.5 | 980 | 541 | 598 | 746 | 829 | -1.1 | 0.2 | 82 | 290 |
| 23:30 | 5.8 | 964 | 539 | 590 | 736 | 821 | -0.2 | 0.1 | 47 | 290 |
| 23:45 | 6.7 | 918 | 532 | 610 | 663 | 744 | -0.4 | 0.1 | 47 | 289 |
| 00:00 | 8.8 | 920 | 539 | 675 | 728 | 794 | -0.2 | 0.2 | 79 | 290 |

|     |      |        |        |        |        |        |       |      |       |        |
|-----|------|--------|--------|--------|--------|--------|-------|------|-------|--------|
| MIN | 4.40 | 918.00 | 532.00 | 610.00 | 663.00 | 744.00 | -1.07 | 0.05 | 46.34 | 286.00 |
| MAX | 9.39 | 992.00 | 542.00 | 700.00 | 752.00 | 834.00 | 0.34  | 0.23 | 82.25 | 290.50 |
| Avg | 7.67 |        | 540.92 |        | 744.11 |        | -0.23 |      | 77.99 |        |
|     |      | 979.53 |        | 685.64 |        | 826.31 |       | 0.20 |       | 288.81 |





|       |      |      |      |      |     |     |     |    |     |     |
|-------|------|------|------|------|-----|-----|-----|----|-----|-----|
| 12:30 | 1622 | 1572 | 1254 | 1076 | 800 | 754 | 440 | 92 | 320 | 101 |
| 12:45 | 1626 | 1576 | 1254 | 1076 | 807 | 755 | 440 | 92 | 319 | 107 |
| 12:00 | 1632 | 1582 | 1258 | 1078 | 807 | 754 | 439 | 94 | 315 | 109 |
| 13:15 | 1660 | 1554 | 1258 | 1082 | 809 | 756 | 440 | 94 | 320 | 109 |
| 13:30 | 1668 | 1554 | 1262 | 1082 | 811 | 758 | 441 | 95 | 320 | 108 |
| 13:45 | 1664 | 1558 | 1262 | 1084 | 812 | 758 | 441 | 95 | 320 | 108 |
| 14:00 | 1642 | 1534 | 1252 | 1081 | 815 | 761 | 444 | 95 | 321 | 109 |
| 14:15 | 1666 | 1574 | 1262 | 1088 | 812 | 759 | 441 | 95 | 322 | 109 |
| 14:30 | 1674 | 1592 | 1264 | 1088 | 810 | 757 | 439 | 96 | 321 | 110 |
| 14:45 | 1674 | 1564 | 1266 | 1084 | 811 | 758 | 441 | 95 | 320 | 109 |
| 15:00 | 1670 | 1578 | 1264 | 1084 | 815 | 760 | 442 | 94 | 319 | 108 |
| 15:15 | 1670 | 1578 | 1270 | 1088 | 810 | 758 | 440 | 94 | 320 | 108 |
| 15:30 | 1666 | 1576 | 1264 | 1084 | 811 | 758 | 441 | 94 | 321 | 108 |
| 15:45 | 1662 | 1574 | 1264 | 1084 | 811 | 758 | 441 | 94 | 321 | 108 |
| 16:00 | 1630 | 1564 | 1260 | 1080 | 811 | 758 | 442 | 95 | 319 | 109 |
| 16:15 | 1642 | 1580 | 1262 | 1088 | 816 | 762 | 445 | 95 | 321 | 110 |
| 16:30 | 1634 | 1584 | 1268 | 1092 | 817 | 763 | 445 | 96 | 321 | 110 |
| 16:45 | 1622 | 1562 | 1266 | 1086 | 814 | 761 | 443 | 95 | 320 | 109 |
| 17:00 | 1650 | 1584 | 1266 | 1088 | 815 | 763 | 445 | 95 | 320 | 107 |
| 17:15 | 1660 | 1600 | 1270 | 1096 | 815 | 760 | 445 | 96 | 321 | 104 |
| 17:30 | 1632 | 1582 | 1272 | 1094 | 819 | 764 | 446 | 98 | 320 | 102 |
| 17:45 | 1664 | 1572 | 1268 | 1094 | 819 | 765 | 446 | 97 | 319 | 100 |
| 18:00 | 1666 | 1592 | 1272 | 1098 | 822 | 762 | 448 | 95 | 320 | 99  |
| 18:15 | 1668 | 1568 | 1270 | 1090 | 821 | 766 | 449 | 94 | 319 | 97  |
| 18:30 | 1664 | 1566 | 1270 | 1096 | 819 | 763 | 446 | 93 | 319 | 97  |
| 18:45 | 1674 | 1552 | 1274 | 1096 | 819 | 762 | 445 | 92 | 319 | 96  |
| 19:00 | 1676 | 1544 | 1270 | 1094 | 816 | 760 | 443 | 92 | 319 | 96  |
| 19:15 | 1666 | 1562 | 1268 | 1086 | 815 | 762 | 443 | 92 | 318 | 95  |
| 19:30 | 1650 | 1558 | 1262 | 1086 | 818 | 762 | 444 | 91 | 318 | 95  |
| 19:45 | 1640 | 1552 | 1262 | 1080 | 819 | 763 | 447 | 91 | 320 | 95  |
| 20:00 | 1658 | 1566 | 1266 | 1090 | 824 | 767 | 449 | 91 | 320 | 95  |
| 20:15 | 1660 | 1576 | 1266 | 1094 | 825 | 770 | 450 | 90 | 319 | 94  |
| 20:30 | 1648 | 1554 | 1264 | 1086 | 821 | 765 | 447 | 90 | 319 | 94  |
| 20:45 | 1630 | 1538 | 1260 | 1090 | 824 | 768 | 450 | 90 | 318 | 94  |
| 21:00 | 1622 | 1556 | 1264 | 1090 | 824 | 770 | 451 | 90 | 318 | 94  |
| 21:15 | 1646 | 1604 | 1266 | 1096 | 827 | 770 | 450 | 90 | 319 | 94  |
| 21:30 | 1646 | 1570 | 1268 | 1092 | 825 | 768 | 449 | 90 | 319 | 94  |
| 21:45 | 1658 | 1566 | 1270 | 1096 | 829 | 770 | 451 | 90 | 318 | 94  |
| 22:00 | 1636 | 1568 | 1270 | 1094 | 827 | 770 | 450 | 90 | 317 | 94  |
| 22:15 | 1634 | 1562 | 1270 | 1096 | 829 | 771 | 452 | 90 | 316 | 93  |
| 22:30 | 1636 | 1570 | 1272 | 1098 | 830 | 772 | 452 | 90 | 316 | 93  |
| 22:45 | 1638 | 1574 | 1274 | 1098 | 832 | 773 | 452 | 90 | 316 | 93  |
| 23:00 | 1642 | 1558 | 1270 | 1090 | 830 | 769 | 452 | 90 | 316 | 93  |
| 23:15 | 1630 | 1568 | 1272 | 1100 | 837 | 775 | 455 | 90 | 318 | 93  |
| 23:30 | 1616 | 1576 | 1264 | 1098 | 838 | 774 | 455 | 90 | 317 | 94  |
| 23:45 | 1636 | 1564 | 1264 | 1102 | 839 | 774 | 454 | 90 | 319 | 94  |
| 00:00 | 1638 | 1544 | 1260 | 1092 | 835 | 767 | 450 | 90 | 318 | 94  |

|     |         |         |         |         |        |        |        |       |        |        |
|-----|---------|---------|---------|---------|--------|--------|--------|-------|--------|--------|
| MIN | 1582.00 | 1518.00 | 1242.00 | 1034.00 | 786.00 | 737.00 | 425.50 | 77.38 | 178.00 | 92.00  |
| MAX | 1634.00 | 1604.00 | 1274.00 | 1102.00 | 833.00 | 775.00 | 455.00 | 95.88 | 321.50 | 110.00 |
| Avg | 1636.77 | 1559.40 | 1259.40 | 1076.00 | 807.14 | 754.41 | 439.31 | 84.01 | 297.20 | 98.21  |

- 1 01-4000H EXCESS OXYGEN
- 2 014-00072 STEAM DRUM PSIA
- 3 01R-01021 FRI 3/4 STM IN
- 4 01R-01025 FRI 3/4 STM OUT
- 5 01R-01070 CIMAC 3/4 STM IN
- 6 01R-01058 FINAL 3/4 STM OUT
- 7 01R-00034 FURN PRESS
- 8 01R-00008 3/4 SH DIFF PRESS
- 9 01R-00041 10 FAN AMPS
- 10 01R-00088 ECON WATER INLET

|       | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9  | 10  |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 00:15 | 8.0 | 978 | 539 | 624 | 730 | 822 | -0.2 | 1.2 | 73 | 282 |
| 00:30 | 8.2 | 975 | 539 | 675 | 724 | 819 | -0.3 | 1.0 | 71 | 282 |
| 00:45 | 8.3 | 974 | 539 | 671 | 721 | 814 | -0.2 | 1.1 | 71 | 281 |
| 01:00 | 7.5 | 972 | 540 | 672 | 722 | 819 | -0.1 | 0.9 | 73 | 282 |
| 01:15 | 7.8 | 977 | 540 | 671 | 722 | 820 | -0.3 | 1.1 | 73 | 282 |
| 01:30 | 8.0 | 975 | 540 | 672 | 734 | 830 | -0.2 | 1.0 | 73 | 282 |
| 01:45 | 8.2 | 980 | 541 | 673 | 737 | 835 | -0.5 | 1.1 | 73 | 282 |
| 02:00 | 8.3 | 978 | 540 | 677 | 734 | 830 | -0.2 | 1.2 | 71 | 282 |
| 02:15 | 8.3 | 978 | 540 | 678 | 734 | 828 | -0.4 | 1.4 | 71 | 282 |
| 02:30 | 7.5 | 976 | 540 | 682 | 739 | 830 | -0.3 | 1.3 | 73 | 282 |
| 02:45 | 7.5 | 978 | 540 | 681 | 739 | 829 | -0.3 | 1.2 | 73 | 282 |
| 03:00 | 7.7 | 981 | 540 | 681 | 737 | 828 | -0.3 | 1.7 | 73 | 282 |
| 03:15 | 8.1 | 974 | 540 | 682 | 739 | 828 | -0.2 | 1.8 | 73 | 281 |
| 03:30 | 8.2 | 971 | 539 | 684 | 738 | 828 | -0.3 | 1.8 | 73 | 281 |
| 03:45 | 8.0 | 978 | 540 | 684 | 739 | 829 | -0.3 | 1.9 | 73 | 282 |
| 04:00 | 7.9 | 978 | 540 | 682 | 736 | 827 | -0.2 | 1.9 | 73 | 282 |
| 04:15 | 7.2 | 981 | 540 | 679 | 737 | 827 | -0.4 | 1.7 | 73 | 282 |
| 04:30 | 7.8 | 979 | 540 | 679 | 738 | 829 | -0.1 | 1.5 | 73 | 282 |
| 04:45 | 8.2 | 977 | 540 | 682 | 737 | 828 | -0.3 | 1.1 | 73 | 282 |
| 05:00 | 7.9 | 981 | 540 | 682 | 737 | 829 | -0.2 | 1.1 | 73 | 282 |
| 05:15 | 8.0 | 983 | 541 | 682 | 736 | 829 | -0.3 | 1.1 | 73 | 282 |
| 05:30 | 7.5 | 978 | 540 | 680 | 734 | 821 | -0.4 | 1.2 | 71 | 282 |
| 05:45 | 8.0 | 981 | 540 | 681 | 735 | 829 | -0.3 | 1.2 | 73 | 282 |
| 06:00 | 8.3 | 986 | 540 | 683 | 736 | 828 | -0.3 | 1.1 | 73 | 282 |
| 06:15 | 8.3 | 979 | 540 | 680 | 735 | 827 | -0.3 | 1.2 | 71 | 282 |
| 06:30 | 7.5 | 982 | 540 | 681 | 731 | 829 | -0.3 | 1.2 | 73 | 282 |
| 06:45 | 7.4 | 979 | 540 | 680 | 737 | 829 | -0.4 | 1.2 | 73 | 282 |
| 07:00 | 8.1 | 978 | 540 | 682 | 736 | 828 | -0.1 | 1.1 | 73 | 282 |
| 07:15 | 7.9 | 980 | 541 | 681 | 734 | 827 | -0.3 | 1.1 | 73 | 282 |
| 07:30 | 7.6 | 978 | 541 | 680 | 731 | 828 | -0.4 | 1.1 | 71 | 282 |
| 07:45 | 8.0 | 978 | 540 | 684 | 735 | 827 | -0.4 | 1.0 | 71 | 282 |
| 08:00 | 8.1 | 976 | 539 | 683 | 735 | 829 | -0.1 | 0.7 | 71 | 282 |
| 08:15 | 7.9 | 978 | 540 | 687 | 739 | 826 | -0.1 | 0.6 | 73 | 282 |
| 08:30 | 8.0 | 979 | 540 | 685 | 737 | 828 | -0.3 | 0.7 | 73 | 282 |
| 08:45 | 7.1 | 975 | 540 | 685 | 736 | 827 | -0.4 | 0.8 | 73 | 284 |
| 09:00 | 7.1 | 983 | 541 | 687 | 732 | 829 | -0.2 | 0.6 | 73 | 285 |
| 09:15 | 8.2 | 975 | 539 | 685 | 735 | 827 | -0.3 | 0.6 | 73 | 285 |
| 09:30 | 7.8 | 977 | 539 | 692 | 740 | 830 | -0.6 | 0.9 | 73 | 285 |
| 09:45 | 7.6 | 978 | 540 | 691 | 739 | 830 | -0.4 | 0.9 | 73 | 284 |
| 10:00 | 7.6 | 977 | 540 | 697 | 735 | 827 | -0.1 | 0.5 | 73 | 285 |
| 10:15 | 7.1 | 979 | 540 | 689 | 735 | 829 | -0.3 | 0.7 | 73 | 285 |
| 10:30 | 7.2 | 979 | 540 | 688 | 735 | 829 | -0.3 | 0.7 | 73 | 285 |
| 10:45 | 7.0 | 977 | 540 | 684 | 737 | 828 | -0.5 | 0.8 | 73 | 285 |
| 11:00 | 7.1 | 982 | 540 | 683 | 736 | 828 | -0.5 | 0.8 | 73 | 285 |
| 11:15 | 7.8 | 977 | 540 | 686 | 739 | 827 | -0.3 | 0.6 | 73 | 285 |

|       |     |     |     |     |     |     |      |     |    |     |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 12:45 | 8.1 | 978 | 540 | 685 | 733 | 827 | -0.4 | 0.8 | 73 | 285 |
| 13:00 | 8.2 | 976 | 540 | 685 | 733 | 828 | -0.1 | 0.8 | 73 | 285 |
| 13:15 | 8.2 | 975 | 540 | 685 | 734 | 829 | -0.1 | 0.8 | 71 | 285 |
| 13:30 | 7.9 | 979 | 540 | 687 | 736 | 828 | -0.4 | 0.9 | 71 | 285 |
| 13:45 | 8.2 | 978 | 540 | 687 | 736 | 828 | -0.3 | 0.7 | 73 | 285 |
| 14:00 | 8.3 | 979 | 539 | 692 | 739 | 831 | -0.1 | 0.5 | 74 | 285 |
| 14:15 | 7.7 | 982 | 540 | 691 | 739 | 830 | -0.3 | 0.7 | 73 | 285 |
| 14:30 | 8.7 | 980 | 540 | 695 | 733 | 826 | -0.4 | 0.7 | 71 | 285 |
| 14:45 | 8.1 | 975 | 539 | 685 | 732 | 828 | -0.2 | 0.8 | 73 | 285 |
| 15:00 | 7.2 | 979 | 540 | 689 | 736 | 828 | -0.2 | 0.8 | 73 | 285 |
| 15:15 | 7.8 | 982 | 540 | 690 | 736 | 829 | -0.2 | 0.8 | 73 | 285 |
| 15:30 | 8.0 | 979 | 540 | 687 | 734 | 829 | -0.2 | 0.9 | 73 | 284 |
| 15:45 | 7.1 | 980 | 540 | 688 | 734 | 829 | -0.4 | 0.7 | 73 | 285 |
| 16:00 | 7.2 | 974 | 539 | 690 | 736 | 829 | -0.1 | 0.5 | 73 | 285 |
| 16:15 | 7.3 | 981 | 540 | 693 | 739 | 830 | -0.3 | 0.6 | 73 | 285 |
| 16:30 | 8.2 | 983 | 541 | 691 | 737 | 829 | -0.4 | 0.8 | 73 | 285 |
| 16:45 | 7.2 | 977 | 540 | 689 | 735 | 827 | -0.3 | 1.2 | 73 | 285 |
| 17:00 | 7.3 | 979 | 540 | 694 | 739 | 829 | -0.2 | 2.0 | 73 | 285 |
| 17:15 | 8.3 | 981 | 540 | 691 | 737 | 829 | -0.2 | 2.1 | 73 | 285 |
| 17:30 | 7.0 | 985 | 540 | 691 | 735 | 828 | -0.5 | 1.8 | 72 | 285 |
| 17:45 | 7.3 | 979 | 540 | 694 | 738 | 830 | -0.3 | 2.3 | 74 | 284 |
| 18:00 | 7.4 | 983 | 540 | 693 | 737 | 829 | -0.3 | 1.9 | 74 | 285 |
| 18:15 | 7.8 | 984 | 540 | 694 | 737 | 828 | -0.3 | 2.1 | 73 | 285 |
| 18:30 | 8.0 | 979 | 540 | 691 | 735 | 826 | -0.1 | 1.8 | 73 | 285 |
| 18:45 | 8.6 | 979 | 540 | 690 | 734 | 827 | -0.3 | 1.7 | 73 | 285 |
| 19:00 | 8.0 | 977 | 540 | 689 | 732 | 829 | -0.2 | 1.8 | 73 | 285 |
| 19:15 | 7.5 | 977 | 540 | 689 | 734 | 829 | -0.1 | 1.2 | 73 | 284 |
| 19:30 | 7.2 | 973 | 540 | 692 | 735 | 828 | -0.2 | 2.0 | 73 | 285 |
| 19:45 | 7.2 | 979 | 539 | 688 | 733 | 829 | -0.3 | 2.0 | 73 | 285 |
| 20:00 | 7.0 | 980 | 540 | 697 | 740 | 830 | -0.2 | 2.0 | 73 | 285 |
| 20:15 | 7.7 | 980 | 540 | 698 | 739 | 830 | -0.2 | 2.0 | 74 | 285 |
| 20:30 | 7.8 | 976 | 540 | 695 | 735 | 826 | -0.3 | 2.0 | 73 | 285 |
| 20:45 | 7.1 | 975 | 540 | 700 | 738 | 829 | -0.2 | 2.1 | 75 | 285 |
| 21:00 | 8.3 | 976 | 540 | 699 | 738 | 828 | -0.3 | 2.0 | 74 | 285 |
| 21:15 | 7.1 | 983 | 540 | 695 | 735 | 827 | -0.3 | 1.5 | 73 | 285 |
| 21:30 | 7.8 | 973 | 540 | 696 | 735 | 827 | -0.5 | 1.5 | 73 | 285 |
| 21:45 | 6.9 | 981 | 540 | 701 | 737 | 830 | -0.3 | 1.5 | 73 | 285 |
| 22:00 | 7.0 | 978 | 540 | 698 | 736 | 829 | -0.1 | 1.4 | 73 | 285 |
| 22:15 | 7.4 | 976 | 540 | 700 | 736 | 827 | -0.3 | 1.5 | 73 | 285 |
| 22:30 | 7.6 | 978 | 540 | 700 | 734 | 827 | -0.2 | 1.5 | 75 | 285 |
| 22:45 | 7.4 | 978 | 540 | 701 | 737 | 827 | -0.2 | 1.5 | 74 | 285 |
| 23:00 | 5.9 | 986 | 540 | 703 | 731 | 829 | -0.3 | 1.5 | 75 | 285 |
| 23:15 | 7.6 | 975 | 540 | 701 | 737 | 828 | -0.2 | 1.4 | 75 | 285 |
| 23:30 | 6.7 | 977 | 540 | 707 | 737 | 829 | -0.7 | 1.5 | 74 | 284 |
| 23:45 | 7.1 | 977 | 540 | 703 | 732 | 827 | -0.3 | 1.2 | 74 | 284 |
| 00:00 | 7.3 | 974 | 539 | 698 | 729 | 825 | -0.3 | 1.2 | 73 | 285 |

|     |      |        |        |        |        |        |       |      |       |        |
|-----|------|--------|--------|--------|--------|--------|-------|------|-------|--------|
| MIN | 5.87 | 970.00 | 539.00 | 671.00 | 721.00 | 814.00 | -0.70 | 0.51 | 70.50 | 281.00 |
| MAX | 8.83 | 988.00 | 541.00 | 707.00 | 740.00 | 835.00 | -0.09 | 2.28 | 75.00 | 285.00 |
| AVE | 7.63 | 978.99 | 539.99 | 688.00 | 735.44 | 827.37 | -0.23 | 1.22 | 72.71 | 283.75 |

JUNE 19, 2001

| TIME  | STEAM FLOW | FEED FLOW | DRUM LEVEL | FW TEMP | FW PRESS | SD4 TEMP | SD4 FLOW | OPR FLOW | OPR PRESS | OPR TEMP |
|-------|------------|-----------|------------|---------|----------|----------|----------|----------|-----------|----------|
| 00:15 | 168        | 166       | -0         | 758     | 1015     | 278      | 66       | 34       | 18        | 19       |
| 00:30 | 170        | 167       | 0          | 773     | 1017     | 277      | 66       | 34       | 18        | 19       |
| 00:45 | 169        | 168       | 0          | 775     | 1016     | 278      | 67       | 35       | 18        | 19       |
| 01:00 | 171        | 169       | -0         | 771     | 1019     | 280      | 66       | 35       | 18        | 19       |
| 01:15 | 174        | 173       | -0         | 769     | 1026     | 277      | 67       | 35       | 18        | 19       |
| 01:30 | 169        | 165       | 1          | 757     | 1011     | 269      | 67       | 34       | 18        | 19       |
| 01:45 | 170        | 166       | 1          | 762     | 1019     | 283      | 67       | 35       | 18        | 19       |
| 02:00 | 171        | 172       | 1          | 760     | 1022     | 277      | 67       | 35       | 18        | 19       |
| 02:15 | 170        | 172       | -1         | 759     | 1022     | 278      | 68       | 35       | 18        | 19       |
| 02:30 | 172        | 172       | -1         | 759     | 1024     | 279      | 67       | 35       | 18        | 19       |
| 02:45 | 168        | 167       | 0          | 749     | 1017     | 278      | 68       | 35       | 18        | 19       |
| 03:00 | 173        | 167       | 0          | 752     | 1023     | 279      | 67       | 35       | 18        | 19       |
| 03:15 | 171        | 168       | 0          | 751     | 1020     | 277      | 68       | 35       | 18        | 19       |
| 03:30 | 166        | 172       | -0         | 751     | 1016     | 277      | 66       | 35       | 18        | 19       |
| 03:45 | 167        | 165       | -1         | 750     | 1016     | 277      | 66       | 34       | 18        | 19       |
| 04:00 | 174        | 162       | -0         | 756     | 1022     | 278      | 67       | 35       | 18        | 19       |
| 04:15 | 162        | 169       | 0          | 750     | 1010     | 276      | 66       | 34       | 18        | 19       |
| 04:30 | 164        | 154       | -0         | 754     | 1009     | 280      | 66       | 34       | 18        | 19       |
| 04:45 | 174        | 170       | 0          | 759     | 1024     | 277      | 67       | 35       | 18        | 19       |
| 05:00 | 172        | 175       | -0         | 754     | 1024     | 278      | 67       | 35       | 18        | 19       |
| 05:15 | 170        | 164       | -1         | 761     | 1018     | 279      | 67       | 35       | 18        | 19       |
| 05:30 | 167        | 163       | 1          | 761     | 1014     | 279      | 66       | 34       | 18        | 19       |
| 05:45 | 169        | 172       | -0         | 771     | 1019     | 282      | 66       | 35       | 18        | 19       |
| 06:00 | 169        | 172       | -0         | 772     | 1017     | 280      | 66       | 35       | 18        | 19       |
| 06:15 | 174        | 172       | 0          | 767     | 1023     | 272      | 68       | 35       | 17        | 19       |
| 06:30 | 168        | 164       | -0         | 759     | 1015     | 285      | 68       | 35       | 19        | 19       |
| 06:45 | 166        | 171       | 0          | 757     | 1014     | 278      | 68       | 34       | 18        | 19       |
| 07:00 | 173        | 167       | 0          | 760     | 1023     | 275      | 67       | 35       | 18        | 19       |
| 07:15 | 174        | 176       | 0          | 763     | 1024     | 279      | 68       | 35       | 17        | 19       |
| 07:30 | 169        | 169       | -0         | 761     | 1017     | 276      | 68       | 35       | 18        | 19       |
| 07:45 | 164        | 164       | 1          | 759     | 1011     | 278      | 66       | 34       | 18        | 19       |
| 08:00 | 173        | 161       | -0         | 763     | 1026     | 275      | 67       | 35       | 18        | 19       |
| 08:15 | 167        | 170       | -0         | 759     | 1013     | 275      | 67       | 35       | 17        | 19       |
| 08:30 | 169        | 166       | -1         | 761     | 1017     | 283      | 68       | 34       | 18        | 19       |
| 08:45 | 172        | 173       | -0         | 766     | 1024     | 272      | 66       | 35       | 18        | 19       |
| 09:00 | 167        | 168       | 1          | 761     | 1014     | 275      | 67       | 35       | 19        | 19       |
| 09:15 | 170        | 169       | -1         | 769     | 1017     | 279      | 67       | 35       | 18        | 19       |
| 09:30 | 170        | 171       | 0          | 762     | 1018     | 271      | 67       | 35       | 18        | 19       |
| 09:45 | 170        | 164       | 0          | 761     | 1017     | 281      | 66       | 35       | 18        | 19       |
| 10:00 | 175        | 180       | -0         | 761     | 1022     | 273      | 67       | 35       | 18        | 19       |
| 10:15 | 171        | 170       | -0         | 759     | 1021     | 276      | 67       | 35       | 18        | 19       |
| 10:30 | 167        | 164       | 1          | 760     | 1013     | 280      | 66       | 35       | 18        | 19       |
| 10:45 | 172        | 174       | 0          | 762     | 1023     | 280      | 67       | 35       | 18        | 19       |
| 11:00 | 168        | 171       | 0          | 762     | 1017     | 275      | 67       | 35       | 18        | 19       |
| 11:15 | 163        | 170       | -0         | 765     | 1018     | 277      | 67       | 35       | 18        | 19       |
| 11:30 | 166        | 167       | -0         | 765     | 1016     | 276      | 67       | 35       | 18        | 19       |
| 11:45 | 167        | 168       | -0         | 767     | 1013     | 277      | 67       | 35       | 18        | 19       |
| 12:00 | 166        | 169       | -0         | 760     | 1013     | 279      | 67       | 35       | 18        | 19       |
| 12:15 | 171        | 169       | 0          | 763     | 1019     | 279      | 67       | 35       | 18        | 19       |
| 12:30 | 170        | 174       | 1          | 769     | 1021     | 277      | 67       | 35       | 18        | 19       |
| 12:45 | 174        | 178       | 0          | 766     | 1024     | 277      | 67       | 35       | 18        | 19       |
| 13:00 | 165        | 167       | -0         | 765     | 1012     | 276      | 67       | 34       | 19        | 19       |
| 13:15 | 172        | 171       | -1         | 769     | 1021     | 277      | 67       | 35       | 18        | 19       |
| 13:30 | 163        | 163       | -0         | 764     | 1013     | 276      | 66       | 35       | 18        | 19       |
| 13:45 | 169        | 172       | 0          | 761     | 1022     | 277      | 66       | 35       | 18        | 19       |
| 14:00 | 173        | 174       | 0          | 759     | 1021     | 277      | 68       | 35       | 17        | 19       |
| 14:15 | 164        | 162       | 1          | 750     | 1009     | 280      | 67       | 34       | 18        | 19       |
| 14:30 | 171        | 172       | -0         | 759     | 1020     | 271      | 67       | 35       | 18        | 19       |
| 14:45 | 166        | 166       | 1          | 760     | 1021     | 269      | 67       | 35       | 18        | 19       |

|       |     |     |    |     |      |     |    |    |    |    |
|-------|-----|-----|----|-----|------|-----|----|----|----|----|
| 15:45 | 159 | 161 | 0  | 759 | 1015 | 277 | 67 | 35 | 18 | 19 |
| 16:00 | 159 | 160 | 1  | 759 | 1015 | 278 | 67 | 35 | 18 | 19 |
| 16:15 | 171 | 180 | 1  | 751 | 1022 | 275 | 67 | 35 | 18 | 19 |
| 16:30 | 168 | 169 | -0 | 760 | 1015 | 277 | 67 | 35 | 18 | 19 |
| 16:45 | 169 | 171 | -0 | 751 | 1017 | 278 | 67 | 35 | 18 | 19 |
| 17:00 | 170 | 164 | 1  | 763 | 1015 | 277 | 67 | 35 | 18 | 19 |
| 17:15 | 171 | 169 | 2  | 761 | 1019 | 276 | 67 | 34 | 18 | 19 |
| 17:30 | 174 | 161 | 0  | 767 | 1026 | 275 | 67 | 35 | 18 | 19 |
| 17:45 | 170 | 169 | -0 | 767 | 1017 | 279 | 67 | 35 | 18 | 19 |
| 18:00 | 173 | 166 | 0  | 767 | 1020 | 280 | 67 | 35 | 18 | 19 |
| 18:15 | 167 | 171 | 1  | 765 | 1014 | 279 | 67 | 35 | 18 | 19 |
| 18:30 | 170 | 172 | -1 | 767 | 1016 | 278 | 67 | 35 | 18 | 19 |
| 18:45 | 161 | 160 | 0  | 766 | 1019 | 277 | 67 | 35 | 18 | 19 |
| 19:00 | 166 | 169 | 0  | 766 | 1019 | 275 | 67 | 35 | 18 | 19 |
| 19:15 | 160 | 167 | -0 | 768 | 1016 | 278 | 67 | 35 | 18 | 19 |
| 19:30 | 169 | 169 | -0 | 768 | 1016 | 275 | 67 | 35 | 18 | 19 |
| 19:45 | 167 | 165 | -0 | 766 | 1012 | 276 | 67 | 35 | 18 | 19 |
| 20:00 | 170 | 168 | -0 | 763 | 1017 | 279 | 67 | 35 | 18 | 19 |
| 20:15 | 171 | 163 | 1  | 765 | 1018 | 274 | 67 | 35 | 17 | 19 |
| 20:30 | 165 | 173 | -1 | 767 | 1012 | 276 | 67 | 35 | 18 | 19 |
| 20:45 | 169 | 171 | -1 | 767 | 1016 | 277 | 67 | 34 | 18 | 19 |
| 21:00 | 174 | 175 | 0  | 769 | 1020 | 278 | 67 | 35 | 18 | 19 |
| 21:15 | 165 | 165 | -0 | 766 | 1011 | 281 | 68 | 35 | 17 | 19 |
| 21:30 | 167 | 165 | 0  | 765 | 1012 | 276 | 67 | 34 | 18 | 19 |
| 21:45 | 162 | 162 | 0  | 763 | 1007 | 276 | 66 | 34 | 18 | 19 |
| 22:00 | 169 | 172 | -1 | 763 | 1017 | 278 | 66 | 35 | 18 | 19 |
| 22:15 | 168 | 160 | -0 | 769 | 1019 | 275 | 69 | 35 | 17 | 19 |
| 22:30 | 163 | 162 | 1  | 765 | 1007 | 274 | 66 | 34 | 18 | 19 |
| 22:45 | 167 | 169 | -1 | 765 | 1009 | 281 | 66 | 34 | 18 | 19 |
| 23:00 | 165 | 167 | 1  | 768 | 1011 | 276 | 67 | 34 | 18 | 19 |
| 23:15 | 170 | 173 | -0 | 774 | 1019 | 275 | 67 | 35 | 18 | 19 |
| 23:30 | 154 | 149 | 1  | 762 | 993  | 277 | 67 | 33 | 17 | 19 |
| 23:45 | 161 | 168 | -1 | 773 | 1019 | 289 | 67 | 34 | 18 | 19 |
| 00:00 | 165 | 161 | -0 | 780 | 1008 | 281 | 66 | 34 | 18 | 19 |

|     |        |        |       |        |         |        |       |       |       |       |
|-----|--------|--------|-------|--------|---------|--------|-------|-------|-------|-------|
| MIN | 154.00 | 148.25 | -0.91 | 748.00 | 993.00  | 269.00 | 65.25 | 33.12 | 16.81 | 18.72 |
| MAX | 175.25 | 186.00 | 1.72  | 780.00 | 1029.00 | 289.00 | 69.13 | 35.01 | 18.65 | 19.25 |
| Avg | 168.99 | 168.52 | 0.04  | 762.68 | 1015.34 | 276.87 | 66.77 | 34.70 | 18.02 | 18.99 |

UNIT #1

UNIT #2

1 AIR-06568 ECONO DR DRY  
 2 AIR-06468 ECONO S02  
 3 AIR-06438 STACK NOX  
 4 AIR-06278 STACK CAPACITY  
 5 AIR-06478 STACK S02

6 AIR-06568 ECONO DR DRY  
 7 AIR-06468 ECONO S01  
 8 AIR-06438 STACK NOX  
 9 AIR-06278 STACK CAPACITY  
 10 AIR-06478 STACK S02

| TIME  | 1    | 2    | 3   | 4   | 5   | 6    | 7     | 8   | 9   | 10   |
|-------|------|------|-----|-----|-----|------|-------|-----|-----|------|
| 00:15 | 8.3  | 33.0 | 145 | 0.5 | 0.1 | 10.4 | 22.5  | 175 | 0.3 | -0.4 |
| 00:30 | 11.0 | 30.7 | 154 | 0.6 | 0.1 | 9.6  | 14.5  | 175 | 0.3 | -0.4 |
| 00:45 | 10.1 | 42.4 | 163 | 0.6 | 0.1 | 10.3 | 18.5  | 180 | 0.3 | -0.4 |
| 01:00 | 9.7  | 18.3 | 183 | 0.6 | 0.1 | 10.1 | 20.7  | 145 | 0.7 | -0.7 |
| 01:15 | 8.7  | 17.3 | 171 | 0.5 | 0.1 | 10.5 | 31.3  | 138 | 0.2 | -0.5 |
| 01:30 | 10.6 | 24.3 | 110 | 0.6 | 0.1 | 10.6 | 128.5 | 133 | 0.8 | -0.5 |
| 01:45 | 9.2  | 26.6 | 132 | 0.5 | 0.1 | 9.3  | 36.0  | 210 | 0.3 | -0.5 |
| 02:00 | 9.3  | 16.6 | 126 | 0.6 | 0.1 | 8.3  | 59.2  | 143 | 0.7 | -0.5 |
| 02:15 | 9.2  | 20.6 | 144 | 0.5 | 0.1 | 9.7  | 38.0  | 145 | 0.3 | -0.5 |
| 02:30 | 9.6  | 28.6 | 192 | 0.7 | 0.1 | 10.3 | 39.0  | 148 | 0.3 | -0.4 |
| 02:45 | 9.5  | 35.3 | 155 | 0.6 | 0.1 | 11.0 | 26.3  | 130 | 0.3 | -0.3 |
| 03:00 | 9.1  | 28.2 | 173 | 0.6 | 0.1 | 10.5 | 33.5  | 137 | 0.3 | -0.4 |
| 03:15 | 10.5 | 19.1 | 135 | 0.7 | 0.2 | 10.3 | 47.5  | 159 | 0.3 | -0.4 |
| 03:30 | 10.0 | 22.1 | 173 | 0.6 | 0.2 | 10.3 | 30.3  | 148 | 0.3 | -0.4 |
| 03:45 | 9.2  | 19.2 | 166 | 0.6 | 0.1 | 9.0  | 31.5  | 36  | 0.3 | -0.3 |
| 04:00 | 9.5  | 33.6 | 133 | 0.7 | 0.1 | 10.4 | 32.3  | 205 | 0.3 | -0.5 |
| 04:15 | 9.7  | 23.2 | 152 | 0.7 | 0.1 | 10.7 | 33.6  | 151 | 0.3 | -0.5 |
| 04:30 | 8.4  | 27.9 | 164 | 0.7 | 0.1 | 10.7 | 43.3  | 166 | 0.3 | -0.4 |
| 04:45 | 10.2 | 31.6 | 151 | 0.5 | 0.1 | 9.0  | 42.3  | 165 | 0.3 | -0.4 |
| 05:00 | 9.5  | 36.4 | 153 | 0.6 | 0.1 | 10.7 | 43.0  | 133 | 0.3 | -0.4 |
| 05:15 | 9.4  | 45.1 | 177 | 0.5 | 0.1 | 10.3 | 42.0  | 137 | 0.3 | -0.5 |
| 05:30 | 9.2  | 23.0 | 121 | 0.6 | 0.1 | 9.4  | 24.8  | 174 | 0.3 | -0.5 |
| 05:45 | 9.3  | 37.6 | 136 | 0.6 | 0.1 | 11.3 | 34.8  | 176 | 0.3 | -0.5 |
| 06:00 | 9.5  | 34.3 | 141 | 0.7 | 0.1 | 12.1 | 38.3  | 177 | 0.3 | -0.4 |
| 06:15 | 9.3  | 23.3 | 123 | 0.6 | 0.1 | 10.7 | 38.2  | 209 | 0.3 | -0.4 |
| 06:30 | 10.1 | 26.1 | 245 | 0.7 | 0.1 | 9.6  | 41.8  | 123 | 0.3 | -0.5 |
| 06:45 | 9.3  | 37.1 | 174 | 0.6 | 0.1 | 9.7  | 39.0  | 121 | 0.2 | -0.4 |
| 07:00 | 9.6  | 36.3 | 163 | 0.6 | 0.1 | 9.1  | 63.3  | 215 | 0.3 | -0.4 |
| 07:15 | 10.3 | 44.3 | 156 | 0.5 | 0.1 | 9.5  | 46.8  | 176 | 0.3 | -0.4 |
| 07:30 | 10.3 | 33.6 | 162 | 0.5 | 0.1 | 10.3 | 45.3  | 146 | 0.3 | -0.4 |
| 07:45 | 9.5  | 40.6 | 167 | 0.3 | 0.1 | 9.3  | 40.0  | 141 | 0.3 | -0.4 |
| 08:00 | 9.3  | 23.3 | 124 | 0.6 | 0.1 | 9.3  | 40.3  | 146 | 0.3 | -0.4 |
| 08:15 | 9.7  | 17.3 | 101 | 0.5 | 0.3 | 10.1 | 184.3 | 143 | 0.3 | -0.4 |
| 08:30 | 9.6  | 24.7 | 153 | 0.5 | 0.1 | 9.5  | 123.0 | 146 | 0.3 | -0.4 |
| 08:45 | 9.7  | 32.3 | 176 | 0.7 | 0.1 | 9.4  | 71.0  | 142 | 0.3 | -0.5 |
| 09:00 | 9.4  | 13.1 | 162 | 0.6 | 0.1 | 10.3 | 43.5  | 167 | 0.3 | -0.5 |
| 09:15 | 9.2  | 17.1 | 142 | 0.4 | 0.1 | 10.2 | 32.3  | 137 | 0.3 | -0.4 |
| 09:30 | 10.0 | 21.4 | 214 | 0.5 | 0.1 | 9.3  | 31.3  | 123 | 0.3 | -0.4 |
| 09:45 | 9.0  | 23.1 | 188 | 0.5 | 0.1 | 9.2  | 44.5  | 163 | 0.3 | -0.4 |
| 10:00 | 9.4  | 21.7 | 197 | 0.3 | 0.1 | 10.3 | 56.2  | 130 | 0.3 | -0.4 |
| 10:15 | 9.6  | 51.3 | 152 | 0.7 | 0.2 | 10.3 | 46.3  | 163 | 0.3 | -0.5 |
| 10:30 | 9.8  | 37.3 | 161 | 0.5 | 0.1 | 10.1 | 62.3  | 177 | 0.7 | -0.5 |
| 10:45 | 9.3  | 38.1 | 133 | 0.5 | 0.1 | 10.2 | 43.3  | 184 | 0.7 | -0.5 |
| 11:00 | 9.3  | 43.3 | 160 | 0.6 | 0.1 | 10.4 | 61.3  | 197 | 0.3 | -0.4 |
| 11:15 | 9.3  | 43.3 | 146 | 0.5 | 0.1 | 10.1 | 74.0  | 150 | 0.3 | -0.5 |
| 11:30 | 9.3  | 32.7 | 120 | 0.3 | 0.1 | 10.4 | 64.0  | 177 | 0.3 | -0.5 |
| 11:45 | 9.6  | 24.6 | 147 | 0.5 | 0.1 | 10.6 | 47.0  | 175 | 0.3 | -0.5 |
| 12:00 | 9.4  | 26.2 | 172 | 0.5 | 0.1 | 10.3 | 28.5  | 156 | 0.3 | -0.5 |
| 12:15 | 9.4  | 35.3 | 135 | 0.7 | 0.1 | 10.5 | 32.2  | 133 | 0.3 | -0.4 |
| 12:30 | 8.2  | 47.3 | 151 | 0.4 | 0.1 | 10.5 | 30.3  | 167 | 0.3 | -0.5 |
| 12:45 | 9.3  | 41.3 | 142 | 0.3 | 0.1 | 9.0  | 31.3  | 145 | 0.3 | -0.4 |
| 13:00 | 9.1  | 41.1 | 125 | 0.5 | 0.1 | 10.3 | 37.3  | 152 | 0.3 | -0.5 |

|       |      |      |     |     |     |      |       |     |     |      |
|-------|------|------|-----|-----|-----|------|-------|-----|-----|------|
| 14:00 | 9.3  | 44.6 | 177 | 0.5 | 0.1 | 7.2  | 24.3  | 174 | 0.2 | -0.4 |
| 14:15 | 9.3  | 32.6 | 182 | 0.5 | 0.1 | 7.2  | 24.3  | 174 | 0.2 | -0.4 |
| 14:30 | 10.2 | 46.8 | 177 | 0.4 | 0.1 | 10.5 | 28.6  | 184 | 0.8 | -0.5 |
| 14:45 | 9.2  | 33.1 | 148 | 0.5 | 0.1 | 10.9 | 31.3  | 95  | 0.8 | -0.5 |
| 15:00 | 9.7  | 64.8 | 197 | 0.5 | 0.1 | 10.2 | 32.0  | 130 | 0.8 | -0.5 |
| 15:15 | 10.7 | 49.6 | 209 | 0.5 | 0.1 | 9.3  | 21.3  | 165 | 0.8 | -0.5 |
| 15:30 | 10.1 | 23.8 | 143 | 0.4 | 0.1 | 11.0 | 41.3  | 131 | 0.8 | -0.4 |
| 15:45 | 10.1 | 23.2 | 119 | 0.5 | 0.1 | 10.4 | 31.3  | 173 | 0.9 | -0.5 |
| 16:00 | 9.5  | 32.6 | 212 | 0.4 | 0.1 | 8.7  | 60.5  | 206 | 0.7 | -0.4 |
| 16:15 | 8.5  | 44.6 | 212 | 0.3 | 0.1 | 3.2  | 42.0  | 137 | 0.6 | -0.5 |
| 16:30 | 9.6  | 94.4 | 203 | 0.5 | 0.1 | 10.5 | 53.3  | 158 | 0.7 | -0.5 |
| 16:45 | 10.9 | 34.1 | 179 | 0.4 | 0.1 | 3.5  | 43.0  | 141 | 0.7 | -0.5 |
| 17:00 | 9.3  | 40.9 | 148 | 0.4 | 0.1 | 9.7  | 61.3  | 184 | 0.8 | -0.5 |
| 17:15 | 9.2  | 30.5 | 169 | 0.4 | 0.1 | 7.8  | 51.0  | 220 | 0.8 | -0.5 |
| 17:30 | 9.7  | 23.1 | 171 | 0.4 | 0.1 | 3.6  | 50.5  | 163 | 0.7 | -0.5 |
| 17:45 | 10.6 | 41.3 | 170 | 0.4 | 0.1 | 10.3 | 62.5  | 157 | 0.7 | -0.4 |
| 18:00 | 9.6  | 32.1 | 172 | 0.5 | 0.1 | 9.5  | 58.7  | 132 | 0.7 | -0.5 |
| 18:15 | 9.3  | 51.9 | 157 | 0.4 | 0.1 | 10.1 | 45.3  | 177 | 0.8 | -0.5 |
| 18:30 | 9.5  | 45.1 | 133 | 0.4 | 0.1 | 3.9  | 40.0  | 99  | 0.7 | -0.5 |
| 18:45 | 10.8 | 40.9 | 111 | 0.5 | 0.1 | 10.3 | 33.5  | 157 | 0.7 | -0.4 |
| 19:00 | 9.4  | 40.1 | 149 | 0.4 | 0.1 | 11.0 | 28.5  | 163 | 0.7 | -0.5 |
| 19:15 | 9.9  | 26.1 | 138 | 0.4 | 0.1 | 10.2 | 30.3  | 166 | 0.7 | -0.5 |
| 19:30 | 9.2  | 42.5 | 145 | 0.4 | 0.1 | 10.2 | 35.3  | 156 | 0.8 | -0.4 |
| 19:45 | 9.3  | 43.4 | 150 | 0.5 | 0.1 | 3.9  | 37.3  | 160 | 0.7 | -0.4 |
| 20:00 | 10.3 | 33.3 | 162 | 0.5 | 0.1 | 10.1 | 27.0  | 197 | 0.7 | -0.5 |
| 20:15 | 9.4  | 34.4 | 148 | 0.4 | 0.1 | 3.3  | 30.5  | 190 | 0.8 | -0.5 |
| 20:30 | 10.6 | 30.3 | 184 | 0.5 | 0.1 | 10.2 | 42.5  | 167 | 0.7 | -0.5 |
| 20:45 | 9.7  | 43.1 | 157 | 0.5 | 0.1 | 9.5  | 42.0  | 182 | 0.7 | -0.4 |
| 21:00 | 9.2  | 50.4 | 168 | 0.4 | 0.1 | 9.4  | 50.5  | 171 | 0.8 | -0.4 |
| 21:15 | 9.6  | 43.6 | 149 | 0.5 | 0.1 | 10.2 | 46.2  | 115 | 0.7 | -0.5 |
| 21:30 | 10.1 | 35.9 | 156 | 0.5 | 0.1 | 10.0 | 50.5  | 186 | 0.8 | -0.5 |
| 21:45 | 9.6  | 31.6 | 194 | 0.4 | 0.1 | 10.6 | 44.5  | 197 | 0.7 | -0.5 |
| 22:00 | 9.1  | 38.1 | 179 | 0.5 | 0.1 | 9.4  | 37.6  | 130 | 0.7 | -0.5 |
| 22:15 | 9.5  | 48.9 | 154 | 0.5 | 0.1 | 10.2 | 68.0  | 137 | 0.8 | -0.5 |
| 22:30 | 9.6  | 33.8 | 170 | 0.5 | 0.1 | 9.4  | 123.5 | 126 | 0.7 | -0.4 |
| 22:45 | 9.9  | 43.9 | 181 | 0.4 | 0.1 | 3.1  | 25.2  | 125 | 0.7 | -0.2 |
| 23:00 | 9.5  | 40.5 | 120 | 0.5 | 0.1 | 9.8  | 54.0  | 239 | 0.7 | -0.5 |
| 23:15 | 9.7  | 42.6 | 153 | 0.5 | 0.1 | 10.4 | 40.3  | 137 | 0.8 | -0.5 |
| 23:30 | 9.2  | 36.9 | 115 | 0.5 | 0.1 | 9.8  | 55.6  | 181 | 0.7 | -0.5 |
| 23:45 | 9.3  | 44.9 | 125 | 0.5 | 0.1 | 10.6 | 43.2  | 131 | 0.7 | -0.5 |
| 00:00 | 9.8  | 54.4 | 138 | 0.5 | 0.1 | 10.6 | 46.5  | 147 | 0.7 | -0.5 |

|     |       |       |        |      |      |       |        |        |      |       |
|-----|-------|-------|--------|------|------|-------|--------|--------|------|-------|
| MIN | 8.20  | 17.06 | 103.75 | 0.27 | 0.13 | 7.31  | 14.30  | 84.68  | 0.69 | -0.50 |
| MAX | 11.07 | 64.75 | 244.50 | 0.75 | 0.37 | 12.11 | 124.75 | 239.00 | 0.93 | 0.25  |
| AVG | 9.31  |       | 151.31 |      | 0.15 |       | 49.21  |        | 0.79 |       |
|     |       | 36.41 |        | 0.54 |      | 10.01 |        | 162.14 |      | -0.43 |



|   |          |               |    |           |            |
|---|----------|---------------|----|-----------|------------|
| 1 | TIR-0418 | TOWER 18      | 4  | FIR-0256  | COND VAC   |
| 2 | TIR-0420 | TOWER 001     | 7  | RIR-0648B | U-1 COND   |
| 3 | FIR-0136 | TURE 8TH FLEW | 8  | RIR-0648B | U-2 COND   |
| 4 | FIR-0138 | TURE 38 FLEW  | 9  | RIR-4002A | U-1 WET 00 |
| 5 | FIR-0164 | TURE 18 FLEWS | 10 | RIR-4002B | U-2 WET 00 |

| TIME  | 1   | 2  | 3     | 4   | 5   | 6     | 7  | 8  | 9   | 10  |
|-------|-----|----|-------|-----|-----|-------|----|----|-----|-----|
| 00:15 | 99  | 86 | 269.0 | 827 | 854 | -27.5 | -0 | 15 | 8.6 | 7.5 |
| 00:30 | 100 | 87 | 269.0 | 829 | 854 | -27.5 | 3  | 12 | 8.2 | 7.3 |
| 00:45 | 101 | 88 | 269.5 | 828 | 854 | -27.4 | -3 | 13 | 8.2 | 8.1 |
| 01:00 | 101 | 87 | 262.0 | 825 | 853 | -27.3 | -5 | 19 | 7.3 | 7.2 |
| 01:15 | 100 | 77 | 314.5 | 829 | 854 | -27.3 | 1  | 19 | 7.2 | 7.3 |
| 01:30 | 102 | 88 | 306.5 | 817 | 854 | -27.3 | 8  | 14 | 8.5 | 7.6 |
| 01:45 | 101 | 88 | 314.0 | 820 | 854 | -27.3 | -4 | 14 | 8.7 | 7.5 |
| 02:00 | 101 | 87 | 327.5 | 828 | 858 | -27.3 | 7  | 15 | 7.4 | 7.9 |
| 02:15 | 101 | 88 | 309.0 | 832 | 858 | -27.4 | 0  | 15 | 7.2 | 7.3 |
| 02:30 | 101 | 87 | 312.0 | 832 | 858 | -27.4 | 1  | 18 | 7.2 | 7.3 |
| 02:45 | 102 | 88 | 329.0 | 835 | 854 | -27.3 | 5  | 12 | 7.5 | 8.0 |
| 03:00 | 102 | 88 | 324.5 | 832 | 854 | -27.2 | 1  | 12 | 7.3 | 7.3 |
| 03:15 | 102 | 88 | 325.0 | 832 | 854 | -27.3 | 7  | 30 | 8.5 | 7.9 |
| 03:30 | 103 | 88 | 326.0 | 827 | 858 | -27.2 | 1  | 16 | 7.3 | 8.3 |
| 03:45 | 103 | 88 | 324.5 | 828 | 854 | -27.3 | 1  | 17 | 7.7 | 7.3 |
| 04:00 | 103 | 88 | 333.0 | 831 | 854 | -27.2 | -0 | 11 | 7.5 | 7.3 |
| 04:15 | 102 | 89 | 313.0 | 828 | 854 | -27.2 | 5  | 25 | 7.6 | 8.4 |
| 04:30 | 102 | 88 | 318.0 | 830 | 854 | -27.1 | 3  | 22 | 7.1 | 8.3 |
| 04:45 | 103 | 88 | 332.0 | 832 | 854 | -27.2 | 3  | 18 | 8.1 | 7.1 |
| 05:00 | 103 | 88 | 336.0 | 831 | 854 | -27.1 | -0 | 17 | 7.9 | 8.0 |
| 05:15 | 102 | 88 | 332.5 | 831 | 854 | -27.2 | -2 | 25 | 7.2 | 7.3 |
| 05:30 | 103 | 88 | 317.5 | 827 | 854 | -27.3 | 7  | 12 | 7.7 | 7.3 |
| 05:45 | 103 | 88 | 325.5 | 830 | 854 | -27.3 | -1 | 12 | 7.3 | 8.0 |
| 06:00 | 102 | 86 | 326.5 | 832 | 853 | -27.2 | 2  | 15 | 7.8 | 8.3 |
| 06:15 | 102 | 88 | 331.5 | 828 | 854 | -27.3 | -1 | 13 | 7.5 | 7.6 |
| 06:30 | 102 | 88 | 327.0 | 828 | 854 | -27.3 | -1 | 12 | 7.8 | 7.4 |
| 06:45 | 101 | 88 | 309.5 | 827 | 854 | -27.3 | -3 | 12 | 7.8 | 7.2 |
| 07:00 | 102 | 88 | 332.0 | 832 | 854 | -27.2 | -4 | 3  | 7.3 | 8.3 |
| 07:15 | 102 | 88 | 327.0 | 831 | 858 | -27.3 | -1 | 11 | 8.2 | 7.5 |
| 07:30 | 101 | 86 | 328.5 | 830 | 854 | -27.3 | 2  | 10 | 8.1 | 7.5 |
| 07:45 | 102 | 88 | 317.5 | 827 | 854 | -27.3 | 7  | 21 | 7.5 | 8.1 |
| 08:00 | 102 | 88 | 329.5 | 827 | 854 | -27.3 | 3  | 21 | 7.9 | 7.5 |
| 08:15 | 102 | 88 | 315.5 | 828 | 854 | -27.3 | 4  | 21 | 7.6 | 7.5 |
| 08:30 | 103 | 89 | 329.5 | 832 | 854 | -27.2 | 6  | 13 | 8.6 | 7.0 |
| 08:45 | 104 | 90 | 328.0 | 831 | 854 | -27.1 | 6  | 16 | 7.6 | 7.3 |
| 09:00 | 104 | 91 | 312.5 | 828 | 853 | -27.1 | 12 | 17 | 7.3 | 8.0 |
| 09:15 | 103 | 91 | 326.0 | 830 | 853 | -27.1 | 8  | 17 | 7.6 | 7.7 |
| 09:30 | 106 | 91 | 327.0 | 828 | 854 | -27.3 | -3 | 13 | 7.8 | 7.5 |
| 09:45 | 101 | 82 | 331.0 | 830 | 854 | -27.0 | -8 | 15 | 7.2 | 8.3 |
| 10:00 | 102 | 92 | 331.5 | 828 | 854 | -27.3 | 2  | 11 | 7.2 | 7.8 |
| 10:15 | 102 | 92 | 335.5 | 830 | 854 | -26.8 | 1  | 12 | 8.7 | 8.3 |
| 10:30 | 104 | 92 | 318.0 | 830 | 854 | -27.0 | 6  | 18 | 7.5 | 7.4 |
| 10:45 | 102 | 92 | 328.0 | 830 | 854 | -26.8 | 2  | 17 | 7.5 | 7.9 |
| 11:00 | 103 | 92 | 326.5 | 830 | 854 | -27.0 | 0  | 16 | 7.9 | 7.8 |
| 11:15 | 105 | 91 | 324.5 | 830 | 854 | -27.0 | 1  | 26 | 6.8 | 7.5 |
| 11:30 | 106 | 91 | 316.5 | 829 | 854 | -27.0 | -1 | 17 | 7.7 | 8.0 |
| 11:45 | 105 | 91 | 310.0 | 830 | 854 | -27.0 | 1  | 27 | 7.5 | 8.1 |
| 12:00 | 102 | 92 | 329.0 | 831 | 855 | -26.8 | -1 | 24 | 7.6 | 7.3 |
| 12:15 | 103 | 91 | 326.5 | 828 | 854 | -27.0 | -2 | 19 | 7.2 | 8.0 |
| 12:30 | 102 | 91 | 324.5 | 827 | 854 | -27.0 | 1  | 18 | 7.7 | 8.1 |

|       |     |    |       |     |     |       |    |    |     |     |
|-------|-----|----|-------|-----|-----|-------|----|----|-----|-----|
| 13:45 | 104 | 30 | 312.0 | 829 | 854 | -27.1 | -4 | 10 | 7.4 | 7.1 |
| 14:00 | 104 | 31 | 301.0 | 829 | 853 | -27.2 | 0  | 12 | 7.3 | 6.9 |
| 14:15 | 101 | 35 | 291.0 | 838 | 853 | -27.3 | 0  | 21 | 7.4 | 5.7 |
| 14:30 | 104 | 40 | 327.0 | 834 | 854 | -27.1 | -5 | 12 | 8.3 | 7.7 |
| 14:45 | 100 | 31 | 328.5 | 831 | 854 | -27.1 | -2 | 13 | 7.3 | 8.3 |
| 15:00 | 100 | 31 | 331.0 | 830 | 854 | -27.0 | 0  | 14 | 7.5 | 8.2 |
| 15:15 | 101 | 31 | 331.0 | 829 | 854 | -27.0 | -1 | 10 | 6.3 | 7.3 |
| 15:30 | 103 | 31 | 318.0 | 830 | 854 | -27.1 | 0  | 12 | 7.7 | 8.5 |
| 15:45 | 105 | 31 | 320.5 | 830 | 854 | -27.1 | 0  | 16 | 8.0 | 7.6 |
| 16:00 | 100 | 30 | 331.5 | 829 | 854 | -27.1 | 0  | 11 | 6.9 | 7.4 |
| 16:15 | 105 | 30 | 325.0 | 830 | 854 | -27.0 | -2 | 11 | 6.4 | 5.2 |
| 16:30 | 107 | 30 | 315.0 | 829 | 854 | -27.1 | -1 | 13 | 7.5 | 7.9 |
| 16:45 | 104 | 30 | 321.5 | 829 | 854 | -27.1 | -3 | 16 | 7.8 | 7.7 |
| 17:00 | 104 | 29 | 322.0 | 830 | 854 | -27.2 | -3 | 14 | 7.4 | 7.6 |
| 17:15 | 103 | 30 | 321.0 | 829 | 854 | -27.2 | -3 | 10 | 7.3 | 5.3 |
| 17:30 | 104 | 30 | 330.0 | 830 | 854 | -27.2 | -2 | 12 | 7.6 | 7.9 |
| 17:45 | 104 | 32 | 325.5 | 828 | 854 | -27.2 | -3 | 15 | 8.5 | 9.0 |
| 18:00 | 104 | 30 | 331.0 | 829 | 854 | -27.1 | -1 | 14 | 7.4 | 7.1 |
| 18:15 | 104 | 30 | 319.5 | 828 | 854 | -27.2 | -2 | 9  | 7.3 | 7.8 |
| 18:30 | 104 | 30 | 314.5 | 830 | 854 | -27.2 | 6  | 14 | 7.1 | 7.6 |
| 18:45 | 104 | 30 | 331.5 | 831 | 854 | -27.1 | -3 | 9  | 7.9 | 7.2 |
| 19:00 | 104 | 30 | 321.0 | 829 | 854 | -27.1 | 3  | 12 | 7.6 | 8.5 |
| 19:15 | 104 | 30 | 315.0 | 829 | 854 | -27.1 | -4 | 14 | 7.6 | 7.4 |
| 19:30 | 105 | 31 | 323.5 | 829 | 854 | -27.1 | -2 | 12 | 7.4 | 7.8 |
| 19:45 | 105 | 30 | 325.0 | 828 | 854 | -27.1 | 5  | 15 | 6.3 | 7.5 |
| 20:00 | 100 | 31 | 318.5 | 829 | 854 | -27.1 | 3  | 14 | 7.3 | 7.7 |
| 20:15 | 101 | 31 | 323.0 | 830 | 854 | -27.0 | -2 | 11 | 7.6 | 6.8 |
| 20:30 | 103 | 31 | 325.5 | 830 | 853 | -27.0 | -2 | 13 | 7.5 | 7.3 |
| 20:45 | 105 | 31 | 326.5 | 830 | 854 | -27.0 | 1  | 12 | 7.3 | 7.0 |
| 21:00 | 104 | 31 | 331.0 | 830 | 854 | -27.0 | 5  | 10 | 7.3 | 7.4 |
| 21:15 | 105 | 30 | 324.0 | 828 | 854 | -27.1 | 4  | 15 | 7.5 | 7.7 |
| 21:30 | 105 | 30 | 303.0 | 827 | 854 | -27.1 | 6  | 12 | 8.0 | 7.5 |
| 21:45 | 104 | 30 | 313.5 | 828 | 854 | -27.1 | 2  | 15 | 6.7 | 7.8 |
| 22:00 | 105 | 30 | 329.0 | 830 | 854 | -27.1 | 6  | 16 | 6.8 | 7.3 |
| 22:15 | 105 | 30 | 324.0 | 830 | 854 | -27.1 | 7  | 17 | 7.5 | 7.8 |
| 22:30 | 105 | 30 | 320.5 | 830 | 854 | -27.1 | 2  | 20 | 7.6 | 7.3 |
| 22:45 | 104 | 30 | 306.5 | 829 | 854 | -27.0 | 0  | 16 | 7.2 | 6.3 |
| 23:00 | 104 | 30 | 313.5 | 830 | 853 | -27.1 | 5  | 8  | 7.2 | 7.2 |
| 23:15 | 105 | 30 | 326.0 | 830 | 854 | -27.1 | 4  | 16 | 7.2 | 7.3 |
| 23:30 | 104 | 30 | 293.0 | 827 | 854 | -27.2 | 0  | 20 | 7.7 | 7.4 |
| 23:45 | 104 | 30 | 313.5 | 828 | 854 | -27.1 | 1  | 23 | 6.8 | 7.9 |
| 00:00 | 104 | 30 | 320.0 | 832 | 854 | -27.1 | 3  | 24 | 7.6 | 7.7 |

|     |        |       |        |        |        |        |       |       |      |      |
|-----|--------|-------|--------|--------|--------|--------|-------|-------|------|------|
| MIN | 33.00  | 30.38 | 269.00 | 817.00 | 850.00 | -27.50 | -5.32 | 8.27  | 6.23 | 5.70 |
| MAX | 104.75 | 31.85 | 335.00 | 836.00 | 854.80 | -26.91 | 12.25 | 24.97 | 8.28 | 8.89 |
| Avg | 103.84 |       | 320.20 |        | 853.82 |        | 1.04  |       | 7.50 |      |
|     |        | 33.35 |        | 329.54 |        | -27.15 |       | 15.77 |      | 7.60 |

ECON OUT TEMPS MOVED TO LOG 21  
DUE TO SPACE LIMITATIONS

1 TIR-06049 FURNACE SIDEMALL TEMP  
 2 TIR-06018 FURNACE ROOF TEMP  
 3 TIR-06088 2ND PASS EXIT TEMP  
 4 TIR-06108 SEC 5/H INLET TEMP  
 5 TIR-06154 PRI 5/H INLET TEMP  
 6 TIR-06174 ECON INLET TEMP  
 7 TIR-06184 ECON EXIT TEMP  
 8 TIR-05264 UNHEATED COMB AIR TEMP  
 9 TIR-05084 OPA HTK OUTLET TEMP  
 10 TIR-05134 OPA HTP OUTLET TEMP

## TIME

|       | 1    | 2    | 3    | 4    | 5   | 6   | 7   | 8  | 9   | 10  |
|-------|------|------|------|------|-----|-----|-----|----|-----|-----|
| 00:15 | 1442 | 1468 | 1166 | 1050 | 770 | 699 | 396 | 85 | 302 | 96  |
| 00:30 | 1440 | 1434 | 1160 | 1054 | 780 | 708 | 407 | 85 | 301 | 96  |
| 00:45 | 1480 | 1488 | 1196 | 1076 | 789 | 714 | 408 | 84 | 300 | 96  |
| 01:00 | 1520 | 1524 | 1220 | 1056 | 789 | 729 | 409 | 84 | 298 | 96  |
| 01:15 | 1528 | 1538 | 1246 | 1066 | 790 | 729 | 411 | 84 | 296 | 96  |
| 01:30 | 1542 | 1552 | 1248 | 1076 | 793 | 727 | 410 | 84 | 295 | 96  |
| 01:45 | 1528 | 1552 | 1248 | 1090 | 789 | 739 | 414 | 84 | 294 | 94  |
| 02:00 | 1542 | 1550 | 1240 | 1102 | 787 | 727 | 410 | 84 | 295 | 94  |
| 02:15 | 1544 | 1520 | 1238 | 1092 | 781 | 728 | 413 | 84 | 294 | 94  |
| 02:30 | 1528 | 1516 | 1232 | 1090 | 785 | 720 | 406 | 84 | 294 | 96  |
| 02:45 | 1548 | 1546 | 1252 | 1110 | 796 | 727 | 405 | 85 | 297 | 94  |
| 03:00 | 1512 | 1556 | 1260 | 1110 | 786 | 726 | 405 | 84 | 297 | 94  |
| 03:15 | 1518 | 1524 | 1236 | 1100 | 789 | 729 | 406 | 84 | 297 | 94  |
| 03:30 | 1532 | 1546 | 1246 | 1098 | 794 | 737 | 404 | 83 | 297 | 94  |
| 03:45 | 1568 | 1536 | 1244 | 1106 | 790 | 724 | 400 | 83 | 297 | 94  |
| 04:00 | 1568 | 1552 | 1258 | 1112 | 795 | 727 | 409 | 83 | 296 | 94  |
| 04:15 | 1586 | 1544 | 1246 | 1108 | 791 | 724 | 403 | 83 | 297 | 94  |
| 04:30 | 1558 | 1542 | 1256 | 1110 | 795 | 727 | 404 | 83 | 296 | 94  |
| 04:45 | 1568 | 1552 | 1236 | 1114 | 787 | 728 | 404 | 83 | 298 | 94  |
| 05:00 | 1588 | 1540 | 1246 | 1110 | 792 | 725 | 404 | 84 | 299 | 94  |
| 05:15 | 1574 | 1552 | 1260 | 1118 | 799 | 729 | 400 | 84 | 298 | 94  |
| 05:30 | 1576 | 1530 | 1231 | 1108 | 793 | 722 | 405 | 83 | 297 | 94  |
| 05:45 | 1586 | 1544 | 1248 | 1112 | 796 | 727 | 405 | 83 | 297 | 94  |
| 06:00 | 1558 | 1550 | 1256 | 1122 | 800 | 729 | 407 | 83 | 298 | 94  |
| 06:15 | 1536 | 1540 | 1248 | 1114 | 799 | 721 | 407 | 83 | 298 | 94  |
| 06:30 | 1560 | 1554 | 1256 | 1112 | 799 | 729 | 407 | 83 | 297 | 94  |
| 06:45 | 1564 | 1528 | 1238 | 1126 | 794 | 725 | 406 | 83 | 296 | 94  |
| 07:00 | 1556 | 1536 | 1262 | 1124 | 803 | 729 | 408 | 83 | 297 | 94  |
| 07:15 | 1518 | 1548 | 1258 | 1118 | 802 | 732 | 408 | 82 | 298 | 94  |
| 07:30 | 1510 | 1532 | 1260 | 1120 | 805 | 734 | 409 | 82 | 297 | 94  |
| 07:45 | 1548 | 1542 | 1246 | 1110 | 800 | 735 | 408 | 83 | 296 | 96  |
| 08:00 | 1526 | 1536 | 1246 | 1112 | 798 | 728 | 407 | 84 | 298 | 96  |
| 08:15 | 1570 | 1540 | 1252 | 1118 | 802 | 729 | 409 | 85 | 297 | 96  |
| 08:30 | 1550 | 1558 | 1268 | 1126 | 808 | 737 | 411 | 85 | 297 | 94  |
| 08:45 | 1552 | 1540 | 1250 | 1120 | 808 | 738 | 412 | 86 | 298 | 97  |
| 09:00 | 1536 | 1530 | 1252 | 1118 | 805 | 734 | 412 | 87 | 298 | 99  |
| 09:15 | 1556 | 1544 | 1258 | 1124 | 807 | 737 | 413 | 88 | 299 | 100 |
| 09:30 | 1582 | 1544 | 1260 | 1126 | 806 | 736 | 411 | 89 | 299 | 100 |
| 09:45 | 1584 | 1566 | 1276 | 1134 | 810 | 739 | 411 | 90 | 299 | 102 |
| 10:00 | 1584 | 1552 | 1258 | 1126 | 806 | 736 | 410 | 91 | 300 | 103 |
| 10:15 | 1584 | 1550 | 1262 | 1126 | 807 | 736 | 410 | 92 | 300 | 103 |
| 10:30 | 1548 | 1542 | 1258 | 1120 | 807 | 736 | 411 | 93 | 298 | 104 |
| 10:45 | 1550 | 1558 | 1262 | 1126 | 811 | 738 | 412 | 94 | 300 | 104 |
| 11:00 | 1558 | 1544 | 1252 | 1126 | 809 | 737 | 412 | 94 | 300 | 105 |
| 11:15 | 1564 | 1548 | 1260 | 1128 | 809 | 738 | 412 | 94 | 300 | 105 |
| 11:30 | 1552 | 1526 | 1254 | 1126 | 809 | 739 | 412 | 95 | 300 | 106 |

|       |      |      |      |      |     |     |     |     |     |     |
|-------|------|------|------|------|-----|-----|-----|-----|-----|-----|
| 12:40 | 1530 | 1540 | 1230 | 1130 | 813 | 742 | 411 | 97  | 302 | 101 |
| 13:00 | 1572 | 1554 | 1274 | 1132 | 813 | 741 | 412 | 97  | 300 | 101 |
| 13:15 | 1572 | 1548 | 1280 | 1140 | 815 | 740 | 412 | 98  | 301 | 102 |
| 13:30 | 1584 | 1550 | 1288 | 1170 | 805 | 741 | 415 | 99  | 300 | 103 |
| 13:45 | 1540 | 1548 | 1244 | 1122 | 801 | 737 | 412 | 98  | 300 | 102 |
| 14:00 | 1548 | 1548 | 1244 | 1118 | 794 | 737 | 412 | 100 | 299 | 110 |
| 14:15 | 1552 | 1542 | 1260 | 1120 | 794 | 730 | 412 | 101 | 295 | 111 |
| 14:30 | 1564 | 1554 | 1272 | 1130 | 802 | 733 | 407 | 101 | 301 | 111 |
| 14:45 | 1578 | 1540 | 1268 | 1120 | 797 | 729 | 409 | 101 | 302 | 110 |
| 15:00 | 1588 | 1554 | 1280 | 1132 | 800 | 729 | 409 | 102 | 302 | 110 |
| 15:15 | 1572 | 1572 | 1284 | 1136 | 802 | 732 | 409 | 102 | 302 | 110 |
| 15:30 | 1562 | 1548 | 1272 | 1128 | 801 | 730 | 404 | 102 | 301 | 111 |
| 15:45 | 1574 | 1548 | 1276 | 1130 | 803 | 733 | 405 | 102 | 301 | 109 |
| 16:00 | 1602 | 1560 | 1298 | 1136 | 807 | 736 | 405 | 99  | 300 | 106 |
| 16:15 | 1600 | 1574 | 1294 | 1140 | 807 | 735 | 405 | 96  | 301 | 104 |
| 16:30 | 1572 | 1546 | 1268 | 1132 | 801 | 731 | 404 | 96  | 300 | 104 |
| 16:45 | 1586 | 1552 | 1282 | 1128 | 803 | 732 | 405 | 96  | 300 | 104 |
| 17:00 | 1586 | 1560 | 1282 | 1132 | 808 | 736 | 406 | 95  | 299 | 102 |
| 17:15 | 1548 | 1552 | 1278 | 1130 | 802 | 737 | 409 | 94  | 298 | 101 |
| 17:30 | 1554 | 1530 | 1274 | 1130 | 810 | 737 | 408 | 93  | 290 | 101 |
| 17:45 | 1590 | 1542 | 1274 | 1122 | 807 | 736 | 408 | 93  | 300 | 100 |
| 18:00 | 1600 | 1552 | 1288 | 1124 | 808 | 737 | 408 | 93  | 300 | 100 |
| 18:15 | 1586 | 1556 | 1284 | 1130 | 807 | 736 | 407 | 92  | 299 | 100 |
| 18:30 | 1580 | 1534 | 1270 | 1128 | 808 | 737 | 408 | 92  | 299 | 99  |
| 18:45 | 1578 | 1570 | 1282 | 1142 | 814 | 740 | 409 | 91  | 299 | 99  |
| 19:00 | 1572 | 1560 | 1288 | 1134 | 810 | 739 | 408 | 91  | 299 | 99  |
| 19:15 | 1534 | 1530 | 1282 | 1130 | 811 | 740 | 410 | 91  | 298 | 99  |
| 19:30 | 1564 | 1556 | 1284 | 1132 | 811 | 735 | 410 | 91  | 299 | 99  |
| 19:45 | 1584 | 1576 | 1286 | 1136 | 812 | 740 | 411 | 90  | 298 | 99  |
| 20:00 | 1586 | 1538 | 1278 | 1126 | 808 | 737 | 409 | 90  | 298 | 99  |
| 20:15 | 1584 | 1548 | 1282 | 1134 | 812 | 739 | 410 | 90  | 298 | 99  |
| 20:30 | 1582 | 1550 | 1282 | 1132 | 811 | 736 | 410 | 90  | 299 | 99  |
| 20:45 | 1592 | 1546 | 1286 | 1136 | 812 | 737 | 410 | 89  | 299 | 99  |
| 21:00 | 1574 | 1554 | 1288 | 1134 | 814 | 741 | 410 | 89  | 299 | 99  |
| 21:15 | 1580 | 1562 | 1292 | 1138 | 815 | 742 | 411 | 89  | 299 | 99  |
| 21:30 | 1548 | 1514 | 1260 | 1116 | 807 | 736 | 410 | 89  | 297 | 99  |
| 21:45 | 1546 | 1536 | 1284 | 1130 | 814 | 740 | 413 | 89  | 296 | 99  |
| 22:00 | 1540 | 1546 | 1284 | 1136 | 816 | 742 | 413 | 89  | 296 | 99  |
| 22:15 | 1550 | 1534 | 1290 | 1136 | 817 | 743 | 412 | 90  | 299 | 99  |
| 22:30 | 1560 | 1574 | 1300 | 1144 | 819 | 749 | 412 | 90  | 299 | 99  |
| 22:45 | 1512 | 1544 | 1278 | 1130 | 816 | 740 | 413 | 89  | 297 | 99  |
| 23:00 | 1540 | 1540 | 1284 | 1136 | 819 | 746 | 415 | 89  | 297 | 99  |
| 23:15 | 1548 | 1532 | 1280 | 1134 | 816 | 744 | 415 | 88  | 297 | 99  |
| 23:30 | 1534 | 1512 | 1284 | 1130 | 812 | 740 | 414 | 86  | 295 | 96  |
| 23:45 | 1546 | 1540 | 1282 | 1132 | 816 | 744 | 415 | 87  | 297 | 97  |
| 00:00 | 1584 | 1564 | 1284 | 1134 | 810 | 744 | 414 | 87  | 298 | 97  |

NIM 1440.001434.001160.001050.00 770.00 593.00 395.50 82.38 293.50 93.50  
 MAX 1822.001574.001300.001144.00 919.00 746.00 415.00 101.75 302.00 111.13  
 AVE 1558.65 1263.50 893.92 739.26 409.78 83.82 298.23 93.64

|    |            |                   |
|----|------------|-------------------|
| 1  | 91-4003A   | EXCESS OXYGEN     |
| 2  | FIR-00979  | STEAM DRUM PSIG   |
| 3  | FIR-01529  | FRI S/H STM IN    |
| 4  | FIR-01098  | FRI S/H STM OUT   |
| 5  | FIR-01074  | FINAL S/H STM IN  |
| 6  | FIR-01054  | FINAL S/H STM OUT |
| 7  | FIR-00008  | FURN PRESS        |
| 8  | 001P-00058 | S/H DIFF PRESS    |
| 9  | FIR-00349  | ID FAN AMPS       |
| 10 | FIR-00288  | ECON WATER INLET  |

TIME

|       | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9  | 10  |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 00:15 | 8.6 | 947 | 536 | 701 | 754 | 825 | -0.2 | 0.2 | 73 | 291 |
| 00:30 | 8.3 | 944 | 538 | 696 | 750 | 824 | -0.3 | 0.2 | 73 | 291 |
| 00:45 | 8.2 | 962 | 538 | 690 | 748 | 826 | -0.1 | 0.2 | 73 | 291 |
| 01:00 | 7.2 | 975 | 540 | 633 | 740 | 820 | -0.2 | 0.2 | 75 | 290 |
| 01:15 | 7.2 | 980 | 540 | 676 | 734 | 821 | -0.6 | 0.2 | 79 | 290 |
| 01:30 | 8.5 | 979 | 540 | 673 | 734 | 821 | -0.3 | 0.2 | 78 | 290 |
| 01:45 | 6.7 | 984 | 541 | 676 | 738 | 828 | 0.3  | 0.2 | 79 | 290 |
| 02:00 | 7.4 | 981 | 541 | 676 | 747 | 835 | -0.6 | 0.2 | 79 | 290 |
| 02:15 | 7.2 | 973 | 540 | 677 | 747 | 829 | 0.2  | 0.2 | 82 | 290 |
| 02:30 | 7.6 | 970 | 540 | 682 | 750 | 830 | -0.5 | 0.2 | 85 | 290 |
| 02:45 | 7.5 | 987 | 541 | 688 | 756 | 838 | -0.3 | 0.2 | 79 | 290 |
| 03:00 | 7.3 | 988 | 541 | 685 | 750 | 831 | -0.3 | 0.2 | 85 | 290 |
| 03:15 | 8.5 | 979 | 540 | 690 | 753 | 831 | -0.3 | 0.2 | 82 | 290 |
| 03:30 | 7.8 | 985 | 541 | 682 | 744 | 824 | -0.4 | 0.2 | 78 | 290 |
| 03:45 | 7.7 | 983 | 541 | 684 | 745 | 825 | -0.1 | 0.2 | 78 | 290 |
| 04:00 | 7.5 | 985 | 541 | 685 | 747 | 827 | -0.3 | 0.2 | 78 | 290 |
| 04:15 | 7.6 | 984 | 541 | 685 | 746 | 827 | -0.2 | 0.2 | 78 | 290 |
| 04:30 | 7.1 | 983 | 541 | 687 | 747 | 828 | -0.4 | 0.2 | 78 | 290 |
| 04:45 | 8.1 | 982 | 541 | 687 | 748 | 830 | -0.1 | 0.2 | 78 | 290 |
| 05:00 | 7.0 | 982 | 541 | 688 | 748 | 827 | -0.1 | 0.2 | 78 | 290 |
| 05:15 | 7.2 | 987 | 541 | 686 | 749 | 830 | -0.3 | 0.2 | 79 | 290 |
| 05:30 | 7.7 | 986 | 540 | 686 | 744 | 828 | 0.1  | 0.2 | 78 | 290 |
| 05:45 | 7.5 | 983 | 541 | 687 | 745 | 828 | -0.5 | 0.2 | 82 | 290 |
| 06:00 | 7.5 | 983 | 541 | 688 | 750 | 832 | -0.7 | 0.2 | 79 | 290 |
| 06:15 | 7.5 | 981 | 541 | 690 | 747 | 827 | -0.3 | 0.2 | 78 | 289 |
| 06:30 | 7.2 | 982 | 541 | 689 | 746 | 828 | -0.3 | 0.2 | 78 | 290 |
| 06:45 | 7.8 | 974 | 540 | 686 | 745 | 826 | -0.2 | 0.2 | 78 | 290 |
| 07:00 | 7.5 | 984 | 541 | 685 | 748 | 830 | -0.2 | 0.2 | 78 | 290 |
| 07:15 | 8.0 | 977 | 540 | 693 | 749 | 830 | -0.2 | 0.2 | 79 | 290 |
| 07:30 | 8.1 | 983 | 541 | 695 | 749 | 830 | -0.3 | 0.2 | 79 | 290 |
| 07:45 | 7.5 | 982 | 541 | 689 | 741 | 823 | -0.4 | 0.2 | 78 | 289 |
| 08:00 | 7.9 | 981 | 541 | 683 | 741 | 823 | -0.7 | 0.2 | 78 | 290 |
| 08:15 | 7.8 | 979 | 541 | 686 | 747 | 829 | -0.1 | 0.2 | 78 | 290 |
| 08:30 | 6.5 | 985 | 541 | 696 | 750 | 833 | -0.3 | 0.2 | 81 | 290 |
| 08:45 | 7.6 | 981 | 541 | 690 | 746 | 830 | -0.5 | 0.2 | 79 | 290 |
| 09:00 | 7.5 | 975 | 540 | 695 | 745 | 827 | -0.3 | 0.2 | 75 | 290 |
| 09:15 | 7.1 | 987 | 541 | 694 | 747 | 829 | -0.3 | 0.2 | 78 | 290 |
| 09:30 | 7.8 | 982 | 541 | 692 | 744 | 827 | -0.2 | 0.2 | 78 | 290 |
| 09:45 | 7.2 | 987 | 541 | 696 | 746 | 828 | -0.3 | 0.2 | 78 | 290 |
| 10:00 | 7.2 | 981 | 540 | 694 | 745 | 828 | -0.3 | 0.2 | 78 | 290 |
| 10:15 | 6.7 | 985 | 541 | 694 | 746 | 828 | -0.2 | 0.2 | 78 | 290 |
| 10:30 | 7.5 | 977 | 540 | 697 | 747 | 828 | -0.1 | 0.2 | 78 | 290 |
| 10:45 | 7.5 | 981 | 541 | 695 | 747 | 829 | -0.2 | 0.2 | 78 | 290 |
| 11:00 | 7.9 | 988 | 540 | 695 | 745 | 827 | -0.3 | 0.2 | 78 | 290 |
| 11:15 | 6.8 | 989 | 541 | 696 | 746 | 828 | -0.3 | 0.2 | 79 | 290 |

|       |     |     |     |     |     |     |      |     |    |     |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 12:45 | 8.2 | 884 | 541 | 694 | 744 | 828 | -0.7 | 0.2 | 78 | 290 |
| 13:00 | 7.2 | 881 | 540 | 698 | 747 | 828 | -0.2 | 0.2 | 78 | 290 |
| 13:15 | 7.8 | 884 | 541 | 695 | 741 | 830 | -0.2 | 0.2 | 78 | 290 |
| 13:30 | 8.5 | 882 | 540 | 694 | 743 | 828 | -0.3 | 0.2 | 78 | 290 |
| 13:45 | 7.4 | 879 | 540 | 685 | 746 | 826 | -0.2 | 0.2 | 78 | 289 |
| 14:00 | 7.2 | 877 | 540 | 685 | 743 | 830 | -0.2 | 0.2 | 78 | 290 |
| 14:15 | 3.4 | 873 | 540 | 692 | 747 | 831 | -0.5 | 0.2 | 78 | 289 |
| 14:30 | 8.0 | 880 | 540 | 695 | 751 | 834 | -0.5 | 0.2 | 78 | 290 |
| 14:45 | 7.8 | 879 | 540 | 690 | 744 | 827 | -0.1 | 0.2 | 75 | 290 |
| 15:00 | 7.5 | 884 | 541 | 693 | 747 | 828 | -0.3 | 0.2 | 75 | 290 |
| 15:15 | 8.8 | 883 | 541 | 692 | 745 | 828 | -0.5 | 0.2 | 75 | 290 |
| 15:30 | 7.7 | 878 | 540 | 696 | 748 | 828 | -0.3 | 0.2 | 75 | 290 |
| 15:45 | 8.0 | 881 | 540 | 695 | 745 | 828 | -0.3 | 0.2 | 75 | 290 |
| 16:00 | 8.5 | 887 | 541 | 693 | 745 | 827 | -0.3 | 0.2 | 75 | 290 |
| 16:15 | 6.4 | 889 | 542 | 695 | 747 | 828 | -0.3 | 0.2 | 78 | 291 |
| 16:30 | 7.8 | 873 | 540 | 695 | 744 | 826 | -0.3 | 0.2 | 75 | 290 |
| 16:45 | 7.8 | 878 | 541 | 694 | 745 | 828 | -0.2 | 0.2 | 75 | 290 |
| 17:00 | 7.8 | 879 | 540 | 697 | 748 | 830 | -0.3 | 0.2 | 78 | 290 |
| 17:15 | 7.8 | 877 | 540 | 700 | 748 | 830 | -0.4 | 0.2 | 77 | 290 |
| 17:30 | 7.6 | 880 | 540 | 700 | 748 | 829 | -0.4 | 0.2 | 73 | 290 |
| 17:45 | 8.8 | 880 | 540 | 697 | 744 | 827 | -0.3 | 0.2 | 78 | 290 |
| 18:00 | 7.4 | 882 | 541 | 695 | 744 | 827 | -0.3 | 0.2 | 75 | 290 |
| 18:15 | 7.8 | 879 | 540 | 695 | 744 | 827 | -0.2 | 0.2 | 78 | 290 |
| 18:30 | 7.1 | 872 | 540 | 700 | 741 | 828 | -0.1 | 0.2 | 78 | 290 |
| 18:45 | 7.8 | 887 | 541 | 697 | 746 | 831 | -0.2 | 0.2 | 78 | 290 |
| 19:00 | 7.6 | 881 | 540 | 697 | 743 | 827 | -0.4 | 0.2 | 78 | 290 |
| 19:15 | 7.5 | 876 | 540 | 699 | 745 | 827 | -0.2 | 0.2 | 78 | 290 |
| 19:30 | 7.6 | 883 | 540 | 700 | 746 | 828 | -0.2 | 0.2 | 75 | 290 |
| 19:45 | 6.8 | 882 | 541 | 698 | 745 | 828 | -0.4 | 0.2 | 78 | 290 |
| 20:00 | 7.8 | 873 | 540 | 693 | 743 | 826 | -0.6 | 0.2 | 78 | 290 |
| 20:15 | 7.6 | 880 | 540 | 698 | 746 | 828 | -0.1 | 0.2 | 78 | 290 |
| 20:30 | 7.8 | 888 | 541 | 697 | 744 | 828 | -0.2 | 0.2 | 78 | 290 |
| 21:00 | 7.2 | 882 | 541 | 698 | 745 | 828 | -0.1 | 0.2 | 78 | 290 |
| 21:15 | 7.3 | 882 | 540 | 698 | 745 | 826 | -0.3 | 0.2 | 78 | 290 |
| 21:30 | 7.5 | 889 | 541 | 700 | 747 | 829 | -0.2 | 0.2 | 78 | 289 |
| 21:45 | 8.0 | 865 | 535 | 699 | 743 | 824 | -0.3 | 0.2 | 76 | 290 |
| 22:00 | 6.7 | 920 | 540 | 704 | 748 | 830 | -0.2 | 0.2 | 78 | 290 |
| 22:15 | 8.3 | 884 | 541 | 699 | 745 | 828 | -0.3 | 0.2 | 78 | 290 |
| 22:30 | 7.5 | 881 | 541 | 698 | 743 | 827 | -0.4 | 0.2 | 78 | 290 |
| 22:45 | 7.6 | 884 | 541 | 699 | 746 | 830 | -0.2 | 0.2 | 78 | 290 |
| 23:00 | 7.1 | 874 | 540 | 702 | 746 | 828 | -0.2 | 0.2 | 77 | 289 |
| 23:15 | 7.2 | 880 | 540 | 702 | 747 | 829 | -0.5 | 0.2 | 79 | 290 |
| 23:30 | 7.3 | 879 | 540 | 701 | 746 | 827 | -0.2 | 0.2 | 79 | 290 |
| 23:45 | 7.7 | 879 | 535 | 703 | 744 | 826 | -0.1 | 0.2 | 79 | 290 |
| 23:59 | 6.8 | 820 | 540 | 701 | 744 | 827 | -0.1 | 0.2 | 79 | 290 |
| 00:00 | 7.5 | 881 | 541 | 697 | 745 | 828 | -0.7 | 0.2 | 79 | 290 |

|     |      |        |        |        |        |        |       |      |       |        |
|-----|------|--------|--------|--------|--------|--------|-------|------|-------|--------|
| NIN | 6.23 | 844.00 | 536.00 | 673.00 | 734.00 | 820.00 | -0.23 | 0.18 | 72.75 | 289.00 |
| MAX | 9.28 | 889.00 | 542.00 | 704.00 | 756.00 | 838.00 | 0.23  | 0.24 | 85.13 | 290.50 |
| AVE | 7.50 |        | 540.40 |        | 749.73 |        | -0.31 |      | 77.96 |        |
|     |      | 879.74 |        | 693.08 |        | 818.04 |       | 0.21 |       | 289.78 |

- 1 TIR-06041 FURNACE SIDEWALL TEMP
- 2 TIR-06018 FURNACE ROOF TEMP
- 3 TIR-06086 2ND PASS EXIT TEMP
- 4 TIR-06102 SEC 3/4 INLET TEMP
- 5 TIR-06151 PRI 3/4 INLET TEMP
- 6 TIR-06171 ECON INLET TEMP
- 7 TIR-06196 ECON EXIT TEMP
- 8 TIR-05268 UNHEATED COMB AIR TEMP
- 9 TIR-05096 OFA HTR OUTLET TEMP
- 10 TIR-05188 OFA HTR OUTLET TEMP

| TIME  | 1    | 2    | 3    | 4    | 5   | 6   | 7   | 8  | 9   | 10  |
|-------|------|------|------|------|-----|-----|-----|----|-----|-----|
| 00:15 | 1646 | 1588 | 1260 | 1098 | 828 | 768 | 448 | 77 | 318 | 92  |
| 00:30 | 1635 | 1584 | 1262 | 1104 | 831 | 773 | 432 | 78 | 319 | 92  |
| 00:45 | 1638 | 1584 | 1266 | 1108 | 832 | 776 | 438 | 79 | 318 | 93  |
| 01:00 | 1630 | 1552 | 1264 | 1088 | 828 | 771 | 435 | 78 | 318 | 93  |
| 01:15 | 1652 | 1568 | 1272 | 1084 | 821 | 768 | 454 | 78 | 317 | 92  |
| 01:30 | 1650 | 1582 | 1266 | 1084 | 807 | 757 | 446 | 78 | 316 | 93  |
| 01:45 | 1630 | 1544 | 1264 | 1064 | 812 | 762 | 450 | 78 | 315 | 92  |
| 02:00 | 1632 | 1582 | 1272 | 1084 | 813 | 768 | 431 | 78 | 314 | 92  |
| 02:15 | 1648 | 1580 | 1274 | 1088 | 808 | 753 | 431 | 78 | 315 | 92  |
| 02:30 | 1648 | 1578 | 1280 | 1096 | 808 | 753 | 441 | 78 | 315 | 92  |
| 02:45 | 1658 | 1584 | 1278 | 1084 | 800 | 749 | 434 | 78 | 318 | 91  |
| 03:00 | 1638 | 1578 | 1280 | 1096 | 808 | 753 | 434 | 77 | 319 | 92  |
| 03:15 | 1634 | 1580 | 1282 | 1098 | 804 | 751 | 435 | 77 | 319 | 92  |
| 03:30 | 1638 | 1562 | 1272 | 1088 | 813 | 751 | 435 | 77 | 319 | 91  |
| 03:45 | 1634 | 1584 | 1268 | 1088 | 802 | 750 | 431 | 77 | 318 | 92  |
| 04:00 | 1640 | 1574 | 1278 | 1094 | 807 | 753 | 437 | 77 | 318 | 91  |
| 04:15 | 1636 | 1584 | 1274 | 1086 | 802 | 750 | 435 | 77 | 318 | 91  |
| 04:30 | 1632 | 1544 | 1264 | 1086 | 807 | 754 | 440 | 77 | 317 | 92  |
| 04:45 | 1632 | 1588 | 1276 | 1094 | 814 | 753 | 443 | 77 | 319 | 92  |
| 05:00 | 1640 | 1588 | 1284 | 1108 | 817 | 764 | 446 | 78 | 320 | 92  |
| 05:15 | 1646 | 1582 | 1278 | 1100 | 814 | 761 | 444 | 77 | 319 | 91  |
| 05:30 | 1628 | 1522 | 1268 | 1096 | 818 | 761 | 445 | 77 | 318 | 91  |
| 05:45 | 1622 | 1538 | 1268 | 1102 | 820 | 771 | 453 | 77 | 318 | 91  |
| 06:00 | 1630 | 1500 | 1268 | 1100 | 822 | 772 | 458 | 76 | 318 | 92  |
| 06:15 | 1628 | 1544 | 1266 | 1098 | 816 | 763 | 450 | 77 | 319 | 91  |
| 06:30 | 1614 | 1584 | 1266 | 1096 | 811 | 759 | 445 | 77 | 319 | 91  |
| 06:45 | 1622 | 1580 | 1266 | 1094 | 811 | 757 | 443 | 78 | 317 | 92  |
| 07:00 | 1632 | 1578 | 1270 | 1100 | 812 | 760 | 444 | 77 | 319 | 91  |
| 07:15 | 1640 | 1580 | 1278 | 1108 | 817 | 763 | 444 | 77 | 319 | 91  |
| 07:30 | 1622 | 1570 | 1276 | 1102 | 815 | 761 | 443 | 77 | 318 | 92  |
| 07:45 | 1592 | 1544 | 1262 | 1092 | 812 | 759 | 444 | 78 | 317 | 92  |
| 08:00 | 1654 | 1580 | 1276 | 1108 | 817 | 763 | 443 | 78 | 319 | 93  |
| 08:15 | 1638 | 1582 | 1272 | 1096 | 812 | 758 | 442 | 79 | 318 | 93  |
| 08:30 | 1612 | 1584 | 1274 | 1102 | 817 | 762 | 443 | 80 | 318 | 94  |
| 08:45 | 1648 | 1580 | 1280 | 1108 | 820 | 764 | 447 | 81 | 319 | 95  |
| 09:00 | 1612 | 1584 | 1274 | 1092 | 814 | 761 | 444 | 82 | 318 | 94  |
| 09:15 | 1618 | 1582 | 1274 | 1104 | 816 | 763 | 445 | 83 | 319 | 96  |
| 09:30 | 1632 | 1578 | 1276 | 1104 | 815 | 762 | 444 | 82 | 320 | 98  |
| 09:45 | 1636 | 1582 | 1272 | 1100 | 816 | 761 | 444 | 84 | 320 | 99  |
| 10:00 | 1622 | 1600 | 1278 | 1106 | 816 | 763 | 443 | 84 | 320 | 100 |
| 10:15 | 1688 | 1578 | 1280 | 1102 | 817 | 759 | 446 | 87 | 321 | 101 |
| 10:30 | 1630 | 1544 | 1276 | 1098 | 816 | 750 | 441 | 87 | 318 | 101 |
| 10:45 | 1644 | 1570 | 1276 | 1106 | 818 | 762 | 444 | 88 | 320 | 102 |
| 11:00 | 1632 | 1584 | 1274 | 1102 | 818 | 762 | 444 | 88 | 320 | 103 |
| 11:15 | 1620 | 1580 | 1276 | 1104 | 820 | 765 | 446 | 89 | 320 | 103 |

|       |      |      |      |      |     |     |     |    |     |     |
|-------|------|------|------|------|-----|-----|-----|----|-----|-----|
| 12:30 | 1561 | 1572 | 1276 | 1128 | 825 | 761 | 446 | 80 | 322 | 104 |
| 12:45 | 1564 | 1580 | 1282 | 1114 | 822 | 765 | 448 | 80 | 320 | 104 |
| 13:00 | 1532 | 1562 | 1278 | 1106 | 821 | 765 | 448 | 81 | 321 | 105 |
| 13:15 | 1534 | 1562 | 1284 | 1118 | 825 | 769 | 446 | 82 | 312 | 106 |
| 13:30 | 1534 | 1576 | 1278 | 1109 | 819 | 766 | 448 | 82 | 313 | 107 |
| 13:45 | 1532 | 1539 | 1276 | 1104 | 815 | 761 | 445 | 83 | 313 | 107 |
| 14:00 | 1534 | 1586 | 1282 | 1108 | 818 | 758 | 448 | 83 | 317 | 107 |
| 14:15 | 1534 | 1560 | 1288 | 1098 | 806 | 756 | 441 | 84 | 314 | 108 |
| 14:30 | 1572 | 1560 | 1282 | 1112 | 815 | 758 | 439 | 85 | 321 | 109 |
| 14:45 | 1556 | 1576 | 1282 | 1114 | 816 | 759 | 439 | 84 | 322 | 109 |
| 15:00 | 1562 | 1564 | 1282 | 1112 | 812 | 757 | 436 | 84 | 322 | 108 |
| 15:15 | 1574 | 1578 | 1282 | 1112 | 811 | 756 | 439 | 83 | 322 | 108 |
| 15:30 | 1590 | 1572 | 1282 | 1112 | 814 | 758 | 436 | 84 | 320 | 108 |
| 15:45 | 1542 | 1546 | 1274 | 1104 | 813 | 756 | 436 | 83 | 320 | 107 |
| 16:00 | 1540 | 1568 | 1272 | 1110 | 816 | 753 | 435 | 80 | 320 | 104 |
| 16:15 | 1526 | 1532 | 1274 | 1116 | 818 | 761 | 440 | 86 | 320 | 102 |
| 16:30 | 1526 | 1578 | 1276 | 1116 | 819 | 762 | 440 | 87 | 313 | 101 |
| 16:45 | 1526 | 1584 | 1278 | 1114 | 812 | 761 | 440 | 87 | 320 | 101 |
| 17:00 | 1532 | 1532 | 1276 | 1110 | 820 | 763 | 440 | 86 | 319 | 100 |
| 17:15 | 1528 | 1586 | 1266 | 1116 | 819 | 761 | 443 | 85 | 317 | 99  |
| 17:30 | 1556 | 1572 | 1278 | 1124 | 825 | 767 | 445 | 84 | 320 | 98  |
| 17:45 | 1552 | 1556 | 1282 | 1120 | 820 | 767 | 443 | 84 | 320 | 98  |
| 18:00 | 1592 | 1576 | 1282 | 1122 | 825 | 767 | 443 | 84 | 320 | 98  |
| 18:15 | 1536 | 1556 | 1278 | 1116 | 822 | 765 | 443 | 83 | 319 | 97  |
| 18:30 | 1538 | 1572 | 1278 | 1120 | 824 | 767 | 445 | 83 | 319 | 97  |
| 18:45 | 1526 | 1580 | 1274 | 1116 | 824 | 766 | 444 | 82 | 320 | 97  |
| 19:00 | 1536 | 1566 | 1276 | 1116 | 824 | 766 | 443 | 83 | 319 | 97  |
| 19:15 | 1534 | 1588 | 1276 | 1118 | 825 | 768 | 445 | 83 | 318 | 97  |
| 19:30 | 1544 | 1578 | 1278 | 1118 | 825 | 768 | 445 | 82 | 318 | 97  |
| 19:45 | 1528 | 1586 | 1272 | 1114 | 825 | 766 | 443 | 83 | 318 | 97  |
| 20:00 | 1528 | 1576 | 1274 | 1120 | 827 | 768 | 445 | 83 | 318 | 97  |
| 20:15 | 1540 | 1576 | 1274 | 1116 | 825 | 765 | 444 | 82 | 319 | 97  |
| 20:30 | 1522 | 1564 | 1274 | 1118 | 825 | 767 | 445 | 83 | 320 | 97  |
| 20:45 | 1532 | 1546 | 1274 | 1120 | 826 | 767 | 446 | 83 | 319 | 97  |
| 21:00 | 1537 | 1586 | 1280 | 1130 | 827 | 769 | 445 | 82 | 320 | 96  |
| 21:15 | 1510 | 1582 | 1274 | 1122 | 824 | 766 | 443 | 82 | 319 | 96  |
| 21:30 | 1514 | 1578 | 1272 | 1118 | 824 | 765 | 444 | 82 | 318 | 96  |
| 21:45 | 1514 | 1528 | 1268 | 1112 | 823 | 763 | 445 | 82 | 316 | 96  |
| 22:00 | 1518 | 1568 | 1272 | 1124 | 827 | 762 | 446 | 82 | 319 | 96  |
| 22:15 | 1516 | 1568 | 1272 | 1124 | 828 | 763 | 445 | 82 | 319 | 97  |
| 22:30 | 1504 | 1557 | 1268 | 1114 | 824 | 763 | 445 | 80 | 318 | 96  |
| 22:45 | 1536 | 1542 | 1264 | 1116 | 825 | 765 | 447 | 82 | 318 | 96  |
| 23:00 | 1537 | 1556 | 1260 | 1116 | 827 | 766 | 445 | 81 | 317 | 96  |
| 23:15 | 1538 | 1536 | 1270 | 1126 | 824 | 774 | 452 | 81 | 319 | 96  |
| 23:30 | 1566 | 1484 | 1250 | 1098 | 815 | 762 | 447 | 80 | 319 | 95  |
| 23:45 | 1588 | 1556 | 1256 | 1118 | 832 | 773 | 454 | 80 | 317 | 95  |
| 00:00 | 1574 | 1536 | 1260 | 1124 | 832 | 780 | 457 | 80 | 319 | 95  |

MIN 1568.00 1484.00 1250.00 1064.00 800.00 743.00 434.00 75.38 314.00 91.00  
 MAX 1704.00 1690.00 1284.00 1130.00 837.00 780.00 457.00 85.25 321.50 109.18  
 AVE 1535.71 1563.60 1273.52 1105.67 818.06 762.62 443.95 83.02 318.56 97.35



1 AI-4003E EXCESS OXYGEN  
 2 FIR-0007B STEAM DRUM PSIG  
 3 FIR-0162B FRI 5/4 STM IN  
 4 FIR-0102B FRI 5/4 STM OUT  
 5 FIR-0107B FINAL 5/4 STM IN  
 6 FIR-0105B FINAL 5/4 STM OUT  
 7 FIR-0602B FURN PRESS  
 8 PDIR-0600B 5/4 DIFF PRESS  
 9 FIR-0634B 10 FAN AMPS  
 10 FIR-0029J ECD4 WATER INLET

TIME

|       | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9  | 10  |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 00:15 | 7.5 | 976 | 540 | 698 | 732 | 829 | -0.2 | 1.1 | 73 | 285 |
| 00:30 | 7.3 | 977 | 540 | 703 | 738 | 833 | -0.2 | 1.1 | 74 | 285 |
| 00:45 | 8.1 | 976 | 540 | 702 | 738 | 830 | -0.2 | 1.0 | 74 | 285 |
| 01:00 | 7.2 | 978 | 540 | 700 | 739 | 828 | -0.2 | 0.8 | 75 | 285 |
| 01:15 | 7.8 | 984 | 541 | 689 | 726 | 819 | -0.2 | 1.0 | 75 | 285 |
| 01:30 | 7.6 | 977 | 540 | 682 | 719 | 808 | -0.2 | 1.0 | 74 | 285 |
| 01:45 | 7.3 | 979 | 540 | 683 | 722 | 817 | -0.2 | 0.8 | 75 | 285 |
| 02:00 | 7.0 | 982 | 540 | 681 | 730 | 821 | -0.4 | 0.8 | 76 | 285 |
| 02:15 | 7.3 | 978 | 540 | 688 | 736 | 834 | -0.2 | 1.2 | 75 | 285 |
| 02:30 | 7.9 | 982 | 541 | 691 | 739 | 832 | -0.4 | 1.1 | 75 | 284 |
| 02:45 | 8.0 | 978 | 540 | 690 | 737 | 829 | -0.2 | 1.2 | 73 | 285 |
| 03:00 | 7.9 | 982 | 541 | 693 | 740 | 831 | -0.3 | 1.2 | 74 | 285 |
| 03:15 | 7.8 | 980 | 540 | 691 | 738 | 829 | -0.2 | 1.4 | 74 | 285 |
| 03:30 | 8.3 | 975 | 540 | 691 | 737 | 828 | -0.6 | 1.6 | 73 | 285 |
| 03:45 | 7.9 | 976 | 540 | 694 | 738 | 828 | -0.3 | 1.6 | 73 | 285 |
| 04:00 | 7.5 | 984 | 541 | 694 | 739 | 830 | -0.4 | 1.6 | 74 | 285 |
| 04:15 | 8.4 | 989 | 539 | 691 | 739 | 826 | -0.4 | 1.6 | 73 | 285 |
| 04:30 | 8.3 | 972 | 539 | 701 | 741 | 830 | -0.2 | 1.6 | 75 | 285 |
| 04:45 | 7.1 | 984 | 541 | 692 | 741 | 832 | -0.2 | 1.5 | 78 | 285 |
| 05:00 | 8.0 | 983 | 540 | 699 | 741 | 831 | -0.4 | 1.6 | 78 | 285 |
| 05:15 | 7.9 | 979 | 540 | 701 | 738 | 828 | -0.2 | 1.5 | 76 | 285 |
| 05:30 | 7.6 | 978 | 540 | 700 | 738 | 828 | -0.4 | 1.5 | 78 | 285 |
| 05:45 | 8.6 | 977 | 540 | 702 | 743 | 831 | -0.1 | 1.4 | 82 | 285 |
| 06:00 | 8.9 | 977 | 540 | 710 | 741 | 830 | -0.2 | 1.3 | 82 | 285 |
| 06:15 | 7.6 | 983 | 541 | 709 | 739 | 824 | -0.2 | 1.5 | 75 | 284 |
| 06:30 | 7.4 | 976 | 540 | 697 | 730 | 822 | -0.1 | 1.3 | 75 | 285 |
| 06:45 | 7.2 | 974 | 540 | 697 | 728 | 826 | -0.2 | 1.3 | 75 | 285 |
| 07:00 | 8.3 | 984 | 541 | 701 | 734 | 829 | -0.4 | 1.3 | 75 | 284 |
| 07:15 | 7.5 | 983 | 541 | 699 | 735 | 829 | -0.4 | 1.3 | 74 | 285 |
| 07:30 | 7.3 | 977 | 540 | 699 | 735 | 829 | -0.4 | 1.2 | 75 | 285 |
| 07:45 | 6.1 | 973 | 539 | 702 | 735 | 828 | -0.1 | 1.0 | 75 | 285 |
| 08:00 | 7.8 | 982 | 541 | 697 | 734 | 828 | -0.3 | 0.8 | 73 | 285 |
| 08:15 | 7.5 | 975 | 539 | 696 | 731 | 827 | -0.3 | 0.8 | 73 | 285 |
| 08:30 | 7.6 | 976 | 540 | 700 | 735 | 828 | -0.1 | 0.7 | 75 | 285 |
| 08:45 | 7.3 | 982 | 541 | 700 | 737 | 830 | -0.3 | 1.0 | 75 | 285 |
| 09:00 | 8.3 | 975 | 540 | 699 | 738 | 826 | -0.3 | 0.9 | 76 | 285 |
| 09:15 | 7.7 | 978 | 540 | 698 | 739 | 828 | -0.2 | 0.7 | 74 | 285 |
| 09:30 | 7.6 | 978 | 540 | 697 | 734 | 829 | -0.2 | 1.0 | 73 | 285 |
| 09:45 | 6.9 | 979 | 540 | 700 | 735 | 829 | -0.3 | 0.7 | 73 | 285 |
| 10:00 | 7.8 | 984 | 541 | 694 | 732 | 828 | -0.3 | 0.6 | 73 | 285 |
| 10:15 | 6.1 | 980 | 540 | 691 | 736 | 828 | -0.4 | 0.8 | 71 | 285 |
| 10:30 | 7.4 | 975 | 540 | 697 | 735 | 831 | -0.3 | 0.7 | 73 | 285 |
| 10:45 | 7.5 | 982 | 540 | 698 | 737 | 830 | -0.2 | 0.8 | 73 | 285 |
| 11:00 | 7.6 | 976 | 540 | 698 | 736 | 829 | -0.3 | 0.8 | 73 | 285 |
| 11:15 | 7.6 | 978 | 540 | 700 | 737 | 828 | -0.4 | 0.7 | 73 | 285 |
| 11:30 | 7.5 | 977 | 540 | 701 | 737 | 827 | -0.4 | 0.7 | 73 | 285 |

|       |     |     |     |     |     |     |      |     |    |     |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 12:40 | 7.1 | 888 | 540 | 700 | 735 | 828 | -0.4 | 0.2 | 73 | 285 |
| 12:45 | 8.0 | 878 | 539 | 699 | 734 | 828 | -0.1 | 0.3 | 73 | 285 |
| 13:15 | 7.8 | 860 | 540 | 700 | 733 | 828 | -0.1 | 0.3 | 73 | 285 |
| 13:30 | 7.6 | 875 | 539 | 698 | 733 | 826 | -0.2 | 0.7 | 73 | 285 |
| 13:45 | 7.1 | 881 | 540 | 692 | 731 | 829 | -0.2 | 0.7 | 73 | 284 |
| 14:00 | 8.0 | 890 | 540 | 698 | 730 | 830 | -0.2 | 0.7 | 73 | 284 |
| 14:15 | 5.7 | 871 | 538 | 700 | 732 | 832 | -0.3 | 0.9 | 75 | 284 |
| 14:30 | 7.7 | 887 | 540 | 702 | 741 | 835 | -0.4 | 1.0 | 73 | 284 |
| 14:45 | 8.3 | 883 | 540 | 702 | 739 | 830 | -0.2 | 1.0 | 73 | 285 |
| 15:00 | 8.2 | 879 | 540 | 698 | 738 | 827 | -0.4 | 1.0 | 71 | 285 |
| 15:15 | 7.9 | 880 | 540 | 697 | 734 | 825 | -0.3 | 0.8 | 73 | 285 |
| 15:30 | 8.5 | 875 | 539 | 701 | 737 | 828 | -0.3 | 0.6 | 73 | 284 |
| 15:45 | 7.5 | 874 | 539 | 704 | 737 | 829 | -0.3 | 1.4 | 73 | 284 |
| 16:00 | 7.4 | 876 | 540 | 704 | 738 | 831 | -0.3 | 2.0 | 72 | 285 |
| 16:15 | 5.8 | 880 | 540 | 703 | 737 | 829 | -0.6 | 1.8 | 74 | 285 |
| 16:30 | 7.9 | 876 | 539 | 706 | 737 | 829 | -0.2 | 2.1 | 73 | 285 |
| 16:45 | 7.7 | 877 | 540 | 703 | 735 | 827 | -0.4 | 2.1 | 73 | 285 |
| 17:00 | 7.6 | 873 | 540 | 705 | 736 | 828 | -0.3 | 2.2 | 73 | 285 |
| 17:15 | 8.9 | 879 | 539 | 708 | 731 | 827 | -0.1 | 1.9 | 75 | 285 |
| 17:30 | 7.3 | 883 | 540 | 706 | 738 | 829 | -0.3 | 2.1 | 74 | 285 |
| 17:45 | 8.0 | 878 | 540 | 706 | 736 | 826 | -0.3 | 2.3 | 74 | 285 |
| 18:00 | 7.1 | 882 | 540 | 708 | 738 | 828 | -0.3 | 1.6 | 74 | 285 |
| 18:15 | 7.8 | 874 | 539 | 706 | 735 | 827 | -0.5 | 1.4 | 74 | 284 |
| 18:30 | 7.6 | 879 | 540 | 711 | 738 | 827 | -0.3 | 1.3 | 74 | 285 |
| 18:45 | 7.9 | 876 | 539 | 708 | 735 | 828 | -0.3 | 1.2 | 74 | 285 |
| 19:00 | 8.5 | 874 | 539 | 706 | 735 | 828 | -0.2 | 1.1 | 73 | 285 |
| 19:15 | 7.4 | 875 | 539 | 709 | 738 | 827 | -0.2 | 0.9 | 75 | 285 |
| 19:30 | 7.8 | 877 | 540 | 707 | 734 | 827 | -0.4 | 0.9 | 74 | 285 |
| 19:45 | 7.5 | 876 | 539 | 707 | 734 | 826 | -0.3 | 0.7 | 73 | 285 |
| 20:00 | 7.7 | 878 | 540 | 709 | 735 | 828 | -0.3 | 0.8 | 73 | 285 |
| 20:15 | 6.8 | 879 | 540 | 707 | 734 | 827 | -0.3 | 0.8 | 73 | 285 |
| 20:30 | 7.3 | 872 | 539 | 708 | 733 | 828 | -0.3 | 0.8 | 73 | 285 |
| 20:45 | 7.0 | 877 | 540 | 709 | 735 | 828 | -0.2 | 0.7 | 73 | 284 |
| 21:00 | 7.4 | 883 | 540 | 705 | 734 | 827 | -0.2 | 0.8 | 75 | 285 |
| 21:15 | 7.7 | 873 | 539 | 705 | 734 | 826 | -0.1 | 0.8 | 73 | 284 |
| 21:30 | 7.5 | 874 | 540 | 708 | 734 | 827 | -0.2 | 0.9 | 73 | 285 |
| 21:45 | 7.8 | 869 | 539 | 709 | 734 | 826 | -0.1 | 1.0 | 73 | 285 |
| 22:00 | 7.9 | 877 | 540 | 707 | 736 | 823 | -0.3 | 1.0 | 73 | 285 |
| 22:15 | 7.8 | 875 | 539 | 710 | 737 | 830 | -0.3 | 1.1 | 73 | 285 |
| 22:30 | 7.9 | 870 | 539 | 709 | 735 | 827 | -0.3 | 1.1 | 73 | 285 |
| 22:45 | 6.9 | 869 | 539 | 710 | 735 | 827 | -0.2 | 1.1 | 74 | 285 |
| 23:00 | 7.2 | 872 | 539 | 714 | 735 | 829 | -0.4 | 1.5 | 75 | 285 |
| 23:15 | 7.9 | 878 | 540 | 712 | 738 | 830 | -0.4 | 1.4 | 74 | 285 |
| 23:30 | 7.4 | 858 | 537 | 712 | 739 | 822 | -0.2 | 1.4 | 73 | 285 |
| 23:45 | 7.5 | 874 | 540 | 715 | 738 | 829 | -0.2 | 1.4 | 77 | 285 |
| 00:00 | 7.3 | 871 | 539 | 718 | 740 | 832 | -0.2 | 1.4 | 74 | 285 |

|     |      |        |        |        |        |        |       |      |       |        |
|-----|------|--------|--------|--------|--------|--------|-------|------|-------|--------|
| MIN | 5.70 | 858.00 | 537.00 | 681.00 | 719.00 | 808.00 | -0.81 | 0.55 | 71.25 | 284.00 |
| MAX | 8.83 | 884.00 | 541.00 | 718.00 | 748.00 | 835.00 | -0.06 | 2.25 | 82.88 | 285.50 |
| AVG | 7.60 |        | 539.80 |        | 735.32 |        | -0.30 |      | 73.82 |        |
|     |      | 877.32 |        | 700.82 |        | 827.84 |       | 1.13 |       | 284.68 |

JUNE 20, 2001

00:20:07 21-JUN-2001 THURSDAY

OWEL PERFORMANCE PROFILE

#1

LOS 01

| TIME  | STEAM FLOW | FEED FLOW | DRUM LEVEL | FW TEMP | FW PRESS | SDA TEMP | UFA FLOW | UFA FLOW | UFA PRESS | UFA PRESS |
|-------|------------|-----------|------------|---------|----------|----------|----------|----------|-----------|-----------|
| 00:10 | 162        | 168       | -1         | 230     | 1012     | 287      | 28       | 32       | 18        | 18        |
| 00:20 | 171        | 171       | 0          | 230     | 1026     | 281      | 28       | 33       | 17        | 18        |
| 00:40 | 158        | 171       | -1         | 230     | 1020     | 282      | 28       | 33       | 18        | 18        |
| 01:00 | 163        | 168       | -0         | 230     | 1026     | 280      | 28       | 32       | 18        | 18        |
| 01:15 | 170        | 170       | -0         | 230     | 1025     | 280      | 28       | 33       | 17        | 18        |
| 01:30 | 168        | 164       | -1         | 230     | 1018     | 287      | 28       | 32       | 18        | 18        |
| 01:45 | 158        | 161       | -0         | 230     | 1008     | 287      | 30       | 32       | 18        | 18        |
| 02:00 | 166        | 167       | -0         | 230     | 1020     | 285      | 30       | 33       | 17        | 18        |
| 02:15 | 167        | 171       | -0         | 230     | 1022     | 280      | 28       | 33       | 18        | 18        |
| 02:30 | 163        | 172       | -0         | 230     | 1026     | 282      | 28       | 32       | 18        | 18        |
| 02:45 | 170        | 171       | -1         | 230     | 1030     | 283      | 28       | 33       | 18        | 18        |
| 03:00 | 162        | 167       | -1         | 231     | 1018     | 287      | 28       | 32       | 18        | 18        |
| 03:15 | 164        | 168       | -1         | 231     | 1018     | 287      | 28       | 32       | 18        | 18        |
| 03:30 | 163        | 170       | -0         | 230     | 1022     | 285      | 28       | 33       | 18        | 18        |
| 03:45 | 171        | 171       | -0         | 230     | 1026     | 285      | 28       | 33       | 18        | 18        |
| 04:00 | 164        | 167       | -0         | 230     | 1017     | 314      | 28       | 32       | 18        | 18        |
| 04:15 | 170        | 171       | -1         | 230     | 1024     | 306      | 28       | 33       | 18        | 18        |
| 04:30 | 164        | 168       | -1         | 230     | 1017     | 288      | 28       | 33       | 18        | 18        |
| 04:45 | 162        | 172       | -1         | 230     | 1028     | 284      | 28       | 33       | 18        | 18        |
| 05:00 | 167        | 170       | -0         | 230     | 1021     | 280      | 28       | 33       | 18        | 18        |
| 05:15 | 163        | 170       | -0         | 230     | 1023     | 287      | 28       | 33       | 18        | 18        |
| 05:30 | 160        | 167       | -0         | 230     | 1018     | 280      | 28       | 32       | 18        | 18        |
| 05:45 | 163        | 171       | -0         | 230     | 1024     | 283      | 28       | 32       | 18        | 18        |
| 06:00 | 162        | 171       | -0         | 230     | 1023     | 283      | 28       | 33       | 18        | 18        |
| 06:15 | 174        | 174       | -0         | 230     | 1030     | 283      | 28       | 33       | 18        | 18        |
| 06:30 | 160        | 171       | -1         | 230     | 1018     | 288      | 28       | 32       | 18        | 18        |
| 06:45 | 171        | 171       | -0         | 230     | 1026     | 281      | 28       | 33       | 17        | 18        |
| 07:00 | 170        | 172       | -0         | 230     | 1030     | 281      | 28       | 33       | 18        | 18        |
| 07:15 | 162        | 173       | -1         | 230     | 1024     | 280      | 28       | 33       | 18        | 18        |
| 07:30 | 160        | 168       | -1         | 230     | 1017     | 288      | 28       | 33       | 18        | 18        |
| 07:45 | 161        | 173       | -0         | 230     | 1023     | 280      | 28       | 32       | 17        | 18        |
| 08:00 | 172        | 173       | -0         | 230     | 1030     | 282      | 28       | 33       | 18        | 18        |
| 08:15 | 161        | 167       | -1         | 230     | 1015     | 295      | 28       | 32       | 18        | 18        |
| 08:30 | 169        | 170       | -0         | 230     | 1023     | 284      | 28       | 33       | 18        | 18        |
| 08:45 | 173        | 174       | -0         | 230     | 1026     | 280      | 30       | 33       | 17        | 18        |
| 09:00 | 156        | 168       | -1         | 230     | 1004     | 288      | 28       | 31       | 18        | 18        |
| 09:15 | 164        | 161       | -1         | 230     | 1015     | 288      | 28       | 32       | 18        | 18        |
| 09:30 | 162        | 169       | -1         | 230     | 1021     | 281      | 28       | 32       | 18        | 18        |
| 09:45 | 163        | 171       | -0         | 230     | 1024     | 283      | 28       | 33       | 17        | 18        |
| 10:00 | 162        | 170       | -1         | 230     | 1021     | 285      | 28       | 33       | 18        | 18        |
| 10:15 | 171        | 173       | -0         | 230     | 1026     | 280      | 28       | 33       | 18        | 18        |
| 10:30 | 165        | 167       | -0         | 230     | 1017     | 286      | 30       | 32       | 17        | 18        |
| 10:45 | 170        | 170       | -1         | 230     | 1024     | 287      | 28       | 33       | 18        | 18        |
| 11:00 | 163        | 171       | -1         | 230     | 1023     | 284      | 28       | 33       | 18        | 18        |
| 11:15 | 170        | 170       | -0         | 230     | 1024     | 287      | 28       | 33       | 18        | 18        |
| 11:30 | 169        | 168       | -1         | 230     | 1016     | 275      | 28       | 33       | 18        | 18        |
| 11:45 | 171        | 170       | -0         | 230     | 1024     | 280      | 28       | 33       | 18        | 18        |
| 12:00 | 162        | 168       | -0         | 230     | 1022     | 285      | 28       | 33       | 18        | 18        |
| 12:15 | 166        | 170       | -0         | 230     | 1020     | 287      | 28       | 32       | 18        | 18        |
| 12:30 | 162        | 171       | -0         | 230     | 1023     | 288      | 28       | 32       | 18        | 18        |
| 12:45 | 164        | 167       | -1         | 230     | 1015     | 284      | 28       | 32       | 18        | 18        |
| 13:00 | 173        | 165       | -1         | 230     | 1026     | 289      | 28       | 33       | 18        | 18        |
| 13:15 | 167        | 170       | -0         | 230     | 1020     | 285      | 28       | 33       | 18        | 18        |
| 13:30 | 165        | 170       | -1         | 230     | 1018     | 271      | 28       | 33       | 18        | 18        |
| 13:45 | 163        | 171       | -0         | 230     | 1022     | 280      | 28       | 33       | 18        | 18        |
| 14:00 | 172        | 173       | -1         | 230     | 1024     | 286      | 28       | 33       | 18        | 18        |
| 14:15 | 161        | 172       | -0         | 230     | 1024     | 284      | 28       | 33       | 18        | 18        |
| 14:30 | 160        | 167       | -1         | 230     | 1019     | 286      | 28       | 31       | 18        | 18        |
| 14:45 | 160        | 170       | -0         | 230     | 1001     | 280      | 28       | 31       | 18        | 18        |

|       |     |     |    |     |      |     |    |    |    |    |
|-------|-----|-----|----|-----|------|-----|----|----|----|----|
| 16:45 | 123 | 117 | -1 | 290 | 933  | 281 | 30 | 0  | 17 | -1 |
| 16:50 | 119 | 117 | -2 | 290 | 933  | 281 | 30 | 0  | 17 | -1 |
| 16:55 | 104 | 107 | -1 | 291 | 941  | 286 | 27 | 2  | 16 | -1 |
| 16:57 | 94  | 100 | -1 | 291 | 935  | 285 | 24 | 2  | 16 | -1 |
| 16:59 | 78  | 87  | -1 | 291 | 916  | 284 | 23 | 2  | 17 | -1 |
| 17:00 | 61  | 73  | -9 | 291 | 905  | 284 | 22 | 2  | 16 | -1 |
| 17:15 | 48  | 61  | 0  | 291 | 897  | 284 | 17 | 2  | 17 | -1 |
| 17:30 | 45  | 61  | -1 | 291 | 893  | 285 | 17 | 2  | 17 | -1 |
| 17:45 | 42  | 56  | -1 | 292 | 894  | 287 | 17 | 2  | 17 | -1 |
| 18:00 | 41  | 44  | -1 | 292 | 893  | 289 | 17 | 2  | 17 | -1 |
| 18:15 | 40  | 51  | -0 | 292 | 892  | 285 | 17 | 2  | 17 | -1 |
| 18:30 | 40  | 47  | -1 | 291 | 893  | 285 | 17 | 2  | 17 | -1 |
| 18:45 | 42  | 56  | -1 | 292 | 896  | 285 | 17 | 2  | 17 | -1 |
| 19:00 | 42  | 52  | -1 | 291 | 895  | 285 | 17 | 2  | 17 | -1 |
| 19:15 | 46  | 55  | -0 | 292 | 896  | 285 | 17 | 2  | 17 | -1 |
| 19:30 | 47  | 59  | -1 | 292 | 895  | 286 | 17 | 2  | 17 | -1 |
| 19:45 | 51  | 72  | 1  | 292 | 924  | 297 | 25 | 32 | 18 | 19 |
| 20:00 | 128 | 138 | -1 | 291 | 976  | 279 | 26 | 30 | 18 | 19 |
| 20:15 | 150 | 156 | -1 | 291 | 998  | 291 | 27 | 31 | 18 | 19 |
| 20:30 | 169 | 171 | -1 | 291 | 1024 | 292 | 29 | 32 | 18 | 19 |
| 20:45 | 166 | 170 | -1 | 291 | 1023 | 287 | 28 | 32 | 18 | 19 |
| 21:00 | 168 | 169 | 0  | 291 | 1022 | 286 | 28 | 32 | 18 | 19 |
| 21:15 | 175 | 174 | -0 | 292 | 1032 | 287 | 29 | 33 | 17 | 19 |
| 21:30 | 171 | 173 | -1 | 290 | 1025 | 282 | 28 | 33 | 18 | 19 |
| 21:45 | 174 | 175 | -1 | 290 | 1030 | 287 | 29 | 33 | 18 | 19 |
| 22:00 | 168 | 171 | -1 | 290 | 1021 | 286 | 29 | 31 | 18 | 19 |
| 22:15 | 170 | 171 | -1 | 290 | 1023 | 284 | 28 | 33 | 18 | 19 |
| 22:30 | 171 | 169 | -0 | 290 | 1025 | 285 | 28 | 32 | 18 | 19 |
| 22:45 | 170 | 170 | -1 | 290 | 1024 | 285 | 28 | 33 | 18 | 19 |
| 23:00 | 163 | 162 | -1 | 290 | 1019 | 284 | 28 | 32 | 18 | 19 |
| 23:15 | 170 | 170 | -0 | 290 | 1023 | 287 | 28 | 32 | 18 | 19 |
| 23:30 | 167 | 166 | -0 | 290 | 1019 | 286 | 28 | 32 | 18 | 19 |
| 23:45 | 172 | 171 | 0  | 290 | 1025 | 291 | 28 | 33 | 18 | 19 |
| 00:00 | 170 | 175 | -1 | 290 | 1025 | 286 | 28 | 33 | 18 | 19 |

|     |        |        |       |        |         |        |       |       |       |       |
|-----|--------|--------|-------|--------|---------|--------|-------|-------|-------|-------|
| NR  | 40.00  | 31.72  | -2.55 | 289.00 | 892.00  | 268.00 | 16.75 | 0.00  | 15.78 | -1.17 |
| BAR | 175.50 | 176.25 | 1.23  | 292.40 | 1022.00 | 314.00 | 29.97 | 33.44 | 18.37 | 19.3* |
| AOB | 149.21 | 150.40 | -0.54 | 290.05 | 999.92  | 265.38 | 26.96 | 25.07 | 17.60 | 15.0* |

| 00:10:15 21-JUN-2001 THURSDAY | DSSL PERFORMANCE PROFILE #2 |           |            |         |          |          |          |          | LOG 02    |           |
|-------------------------------|-----------------------------|-----------|------------|---------|----------|----------|----------|----------|-----------|-----------|
| TIME                          | STEAM FLOW                  | FEED FLOW | DRUM LEVEL | FW TEMP | FW PRESS | SGR TEMP | SGR FLOW | SGR FLOW | JFF PRESS | OPR PRESS |
| 00:15                         | 168                         | 157       | -0         | 783     | 1011     | 285      | 67       | 35       | 18        | 19        |
| 00:30                         | 170                         | 157       | 0          | 779     | 1013     | 287      | 66       | 35       | 17        | 19        |
| 00:45                         | 170                         | 159       | 0          | 771     | 1016     | 286      | 67       | 35       | 18        | 19        |
| 01:00                         | 157                         | 169       | 1          | 767     | 1015     | 267      | 67       | 34       | 18        | 19        |
| 01:15                         | 171                         | 175       | -0         | 776     | 1022     | 288      | 67       | 35       | 18        | 19        |
| 01:30                         | 159                         | 150       | 1          | 773     | 1015     | 287      | 68       | 35       | 17        | 19        |
| 01:45                         | 168                         | 170       | 1          | 769     | 1015     | 285      | 67       | 35       | 18        | 19        |
| 02:00                         | 170                         | 168       | -0         | 758     | 1017     | 278      | 67       | 35       | 18        | 19        |
| 02:15                         | 157                         | 162       | 0          | 750     | 1013     | 269      | 67       | 35       | 18        | 19        |
| 02:30                         | 171                         | 174       | -1         | 756     | 1020     | 283      | 67       | 35       | 18        | 19        |
| 02:45                         | 172                         | 173       | 0          | 758     | 1022     | 273      | 67       | 35       | 18        | 19        |
| 02:50                         | 170                         | 174       | 0          | 757     | 1019     | 279      | 66       | 35       | 18        | 19        |
| 03:15                         | 173                         | 172       | 0          | 756     | 1023     | 276      | 67       | 35       | 18        | 19        |
| 03:30                         | 172                         | 173       | -0         | 760     | 1022     | 277      | 67       | 35       | 18        | 19        |
| 03:45                         | 170                         | 167       | 0          | 761     | 1017     | 279      | 68       | 35       | 19        | 19        |
| 04:00                         | 167                         | 167       | 1          | 756     | 1014     | 278      | 66       | 34       | 18        | 19        |
| 04:15                         | 174                         | 174       | 0          | 770     | 1024     | 277      | 67       | 35       | 18        | 19        |
| 04:30                         | 170                         | 171       | 0          | 759     | 1018     | 266      | 67       | 35       | 18        | 19        |
| 04:45                         | 169                         | 170       | -0         | 758     | 1016     | 285      | 66       | 35       | 18        | 19        |
| 05:00                         | 166                         | 159       | -0         | 758     | 1012     | 274      | 67       | 35       | 18        | 19        |
| 05:15                         | 169                         | 170       | 0          | 762     | 1017     | 276      | 66       | 35       | 18        | 19        |
| 05:30                         | 171                         | 169       | -0         | 761     | 1020     | 276      | 67       | 35       | 18        | 19        |
| 05:45                         | 158                         | 171       | -0         | 761     | 1017     | 275      | 67       | 35       | 18        | 19        |
| 05:50                         | 169                         | 169       | -1         | 761     | 1018     | 276      | 66       | 35       | 18        | 19        |
| 06:15                         | 170                         | 161       | 0          | 760     | 1016     | 277      | 67       | 35       | 18        | 19        |
| 06:30                         | 157                         | 164       | 0          | 754     | 1001     | 277      | 66       | 34       | 18        | 19        |
| 06:45                         | 172                         | 180       | -1         | 764     | 1024     | 278      | 67       | 35       | 18        | 19        |
| 07:00                         | 166                         | 169       | -1         | 762     | 1014     | 270      | 67       | 35       | 18        | 19        |
| 07:15                         | 166                         | 169       | -0         | 760     | 1013     | 281      | 66       | 35       | 18        | 19        |
| 07:30                         | 163                         | 166       | -0         | 764     | 1016     | 278      | 67       | 35       | 18        | 19        |
| 07:45                         | 151                         | 180       | 2          | 752     | 987      | 271      | 66       | 33       | 18        | 19        |
| 08:00                         | 169                         | 187       | -1         | 764     | 1021     | 282      | 67       | 35       | 18        | 19        |
| 08:15                         | 164                         | 168       | -1         | 760     | 1010     | 273      | 67       | 35       | 18        | 19        |
| 08:30                         | 169                         | 141       | 2          | 761     | 1011     | 280      | 67       | 34       | 18        | 19        |
| 08:45                         | 172                         | 176       | -0         | 772     | 1023     | 281      | 67       | 35       | 18        | 19        |
| 09:00                         | 152                         | 160       | -0         | 760     | 994      | 274      | 66       | 34       | 18        | 19        |
| 09:15                         | 175                         | 176       | 0          | 768     | 1024     | 273      | 67       | 35       | 18        | 19        |
| 09:30                         | 176                         | 159       | -0         | 772     | 1026     | 282      | 67       | 35       | 18        | 19        |
| 09:45                         | 170                         | 171       | -0         | 771     | 1018     | 274      | 67       | 35       | 18        | 19        |
| 10:00                         | 172                         | 164       | -1         | 773     | 1018     | 276      | 67       | 35       | 18        | 19        |
| 10:15                         | 169                         | 154       | 1          | 768     | 1015     | 276      | 67       | 35       | 18        | 19        |
| 10:30                         | 174                         | 178       | 0          | 769     | 1023     | 273      | 69       | 35       | 18        | 19        |
| 10:45                         | 176                         | 173       | -1         | 769     | 1019     | 279      | 68       | 35       | 19        | 19        |
| 11:00                         | 168                         | 158       | 0          | 767     | 1012     | 277      | 66       | 35       | 18        | 19        |
| 11:15                         | 159                         | 172       | 1          | 762     | 1001     | 275      | 66       | 34       | 18        | 19        |
| 11:30                         | 174                         | 168       | -1         | 776     | 1021     | 281      | 68       | 36       | 18        | 19        |
| 11:45                         | 171                         | 166       | 0          | 780     | 1018     | 278      | 67       | 35       | 18        | 19        |
| 12:00                         | 174                         | 160       | -0         | 783     | 1021     | 280      | 67       | 36       | 18        | 19        |
| 12:15                         | 171                         | 175       | 0          | 779     | 1020     | 278      | 66       | 35       | 18        | 19        |
| 12:30                         | 166                         | 168       | -0         | 780     | 1011     | 280      | 67       | 34       | 18        | 19        |
| 12:45                         | 171                         | 162       | -0         | 783     | 1018     | 285      | 67       | 35       | 18        | 19        |
| 13:00                         | 173                         | 172       | -0         | 792     | 1022     | 292      | 67       | 35       | 18        | 19        |
| 13:15                         | 166                         | 162       | 0          | 788     | 1011     | 294      | 66       | 35       | 18        | 19        |
| 13:30                         | 168                         | 168       | 1          | 786     | 1014     | 294      | 67       | 35       | 18        | 19        |
| 13:45                         | 169                         | 172       | -0         | 789     | 1017     | 294      | 67       | 35       | 18        | 19        |
| 14:00                         | 171                         | 169       | 0          | 791     | 1018     | 295      | 67       | 35       | 18        | 19        |
| 14:15                         | 172                         | 159       | 1          | 790     | 1021     | 293      | 66       | 34       | 18        | 19        |
| 14:30                         | 170                         | 174       | -0         | 792     | 1019     | 294      | 66       | 34       | 18        | 19        |

|       |     |     |    |     |      |     |    |    |    |    |
|-------|-----|-----|----|-----|------|-----|----|----|----|----|
| 15:45 | 168 | 164 | -1 | 769 | 1015 | 277 | 67 | 34 | 18 | 19 |
| 16:00 | 169 | 164 | 0  | 769 | 1015 | 272 | 66 | 34 | 18 | 19 |
| 16:15 | 161 | 164 | 0  | 760 | 1008 | 283 | 66 | 34 | 18 | 19 |
| 16:30 | 169 | 169 | -1 | 761 | 1013 | 277 | 66 | 34 | 18 | 19 |
| 16:45 | 165 | 158 | 1  | 752 | 1012 | 275 | 66 | 34 | 18 | 19 |
| 17:00 | 164 | 162 | 0  | 752 | 1008 | 275 | 66 | 34 | 18 | 19 |
| 17:15 | 164 | 159 | -1 | 752 | 1006 | 279 | 67 | 34 | 18 | 19 |
| 17:30 | 166 | 169 | 0  | 754 | 1011 | 278 | 66 | 34 | 18 | 19 |
| 17:45 | 169 | 153 | 0  | 750 | 1011 | 277 | 66 | 34 | 18 | 19 |
| 18:00 | 169 | 171 | -1 | 757 | 1019 | 277 | 66 | 35 | 18 | 19 |
| 18:15 | 170 | 169 | 0  | 757 | 1013 | 278 | 66 | 34 | 18 | 19 |
| 18:30 | 169 | 174 | 0  | 759 | 1019 | 277 | 66 | 34 | 18 | 19 |
| 18:45 | 170 | 162 | -0 | 759 | 1017 | 278 | 66 | 34 | 18 | 19 |
| 19:00 | 170 | 162 | -0 | 763 | 1015 | 279 | 67 | 34 | 18 | 19 |
| 19:15 | 166 | 166 | 1  | 760 | 998  | 277 | 66 | 34 | 18 | 19 |
| 19:30 | 169 | 171 | -0 | 761 | 1015 | 280 | 66 | 34 | 18 | 19 |
| 19:45 | 169 | 167 | -1 | 764 | 1016 | 275 | 66 | 34 | 18 | 19 |
| 20:00 | 172 | 162 | 0  | 766 | 1013 | 276 | 69 | 34 | 17 | 19 |
| 20:15 | 171 | 169 | 0  | 765 | 1019 | 278 | 67 | 34 | 18 | 19 |
| 20:30 | 169 | 169 | 0  | 765 | 1018 | 280 | 68 | 34 | 17 | 19 |
| 20:45 | 169 | 166 | 0  | 767 | 1017 | 274 | 66 | 34 | 18 | 19 |
| 21:00 | 169 | 164 | 1  | 762 | 1015 | 281 | 67 | 34 | 18 | 19 |
| 21:15 | 169 | 170 | -1 | 764 | 1019 | 277 | 66 | 34 | 18 | 19 |
| 21:30 | 166 | 158 | -0 | 764 | 1011 | 276 | 66 | 34 | 18 | 19 |
| 21:45 | 170 | 174 | 0  | 766 | 1019 | 281 | 66 | 34 | 18 | 19 |
| 22:00 | 169 | 171 | -0 | 769 | 1017 | 274 | 66 | 34 | 18 | 19 |
| 22:15 | 170 | 164 | -1 | 769 | 1017 | 277 | 67 | 34 | 18 | 19 |
| 22:30 | 170 | 159 | 1  | 767 | 1016 | 279 | 66 | 35 | 18 | 19 |
| 22:45 | 177 | 172 | 0  | 773 | 1029 | 279 | 67 | 35 | 18 | 19 |
| 23:00 | 170 | 168 | -1 | 769 | 1017 | 273 | 66 | 35 | 18 | 19 |
| 23:15 | 167 | 162 | 0  | 768 | 1013 | 281 | 66 | 34 | 18 | 19 |
| 23:30 | 171 | 174 | -0 | 771 | 1021 | 277 | 67 | 35 | 18 | 19 |
| 23:45 | 168 | 169 | 0  | 771 | 1014 | 275 | 66 | 34 | 18 | 19 |
| 00:00 | 173 | 174 | -0 | 776 | 1029 | 283 | 67 | 35 | 18 | 19 |

|     |        |        |       |        |         |        |       |       |       |       |
|-----|--------|--------|-------|--------|---------|--------|-------|-------|-------|-------|
| MIN | 150.75 | 134.75 | -1.44 | 752.00 | 987.00  | 266.00 | 65.13 | 32.67 | 17.69 | 18.63 |
| MAX | 175.75 | 187.00 | 2.02  | 792.00 | 1026.00 | 284.50 | 68.63 | 35.63 | 19.00 | 19.28 |
| AVG | 168.50 | 167.42 | 0.01  | 767.28 | 1019.39 | 273.22 | 66.53 | 34.58 | 18.02 | 19.01 |

| UNIT #1 |                        | UNIT #2 |                        |
|---------|------------------------|---------|------------------------|
| 1       | AIR-06468 ECONO 02 DRY | 6       | AIR-06468 ECONO 02 DRY |
| 2       | AIR-06468 ECONO 002    | 7       | AIR-06468 ECONO 002    |
| 3       | AIR-06478 STACK NOX    | 8       | AIR-06478 STACK NOX    |
| 4       | AIR-06478 STACK OPACTY | 9       | AIR-06478 STACK OPACTY |
| 5       | AIR-06478 STACK 002    | 10      | AIR-06478 STACK 002    |

| TIME  | 1    | 2     | 3   | 4   | 5    | 6    | 7     | 8   | 9   | 10   |
|-------|------|-------|-----|-----|------|------|-------|-----|-----|------|
| 00:15 | 3.3  | 33.8  | 124 | 0.8 | 2.3  | 11.0 | 42.3  | 127 | 0.7 | -0.4 |
| 00:30 | 9.8  | 30.8  | 169 | 0.9 | 0.1  | 11.2 | 53.9  | 164 | 0.8 | 3.4  |
| 00:45 | 11.0 | 37.1  | 153 | 0.8 | 1.3  | 9.2  | 38.5  | 130 | 0.7 | -0.4 |
| 01:00 | 9.1  | 37.0  | 176 | 0.7 | 6.4  | 10.1 | 36.3  | 144 | 0.7 | -0.4 |
| 01:15 | 10.3 | 34.4  | 164 | 0.8 | 6.4  | 10.4 | 50.0  | 145 | 0.8 | 0.2  |
| 01:30 | 9.8  | 40.1  | 182 | 0.9 | 2.3  | 10.4 | 106.0 | 173 | 0.7 | 1.3  |
| 01:45 | 3.0  | 51.1  | 181 | 0.8 | 0.1  | 10.0 | 133.8 | 168 | 0.7 | 1.5  |
| 02:00 | 10.2 | 40.3  | 123 | 0.8 | 0.1  | 9.8  | 103.3 | 119 | 0.7 | 0.5  |
| 02:15 | 10.4 | 42.8  | 160 | 0.8 | 0.1  | 10.0 | 47.0  | 163 | 0.9 | 1.5  |
| 02:30 | 9.8  | 52.3  | 173 | 0.9 | 1.3  | 9.7  | 80.0  | 133 | 0.7 | 4.0  |
| 02:45 | 8.2  | 48.9  | 123 | 0.8 | 0.1  | 9.1  | 73.2  | 147 | 0.7 | 2.3  |
| 03:00 | 9.8  | 39.1  | 156 | 0.8 | 0.1  | 9.9  | 63.8  | 139 | 0.8 | 3.4  |
| 03:15 | 8.2  | 21.3  | 175 | 0.4 | 0.1  | 8.6  | 55.2  | 159 | 0.7 | 0.4  |
| 03:30 | 9.0  | 35.1  | 162 | 0.8 | 0.1  | 10.2 | 45.0  | 160 | 0.8 | 0.4  |
| 03:45 | 10.2 | 40.1  | 185 | 0.8 | 0.1  | 9.0  | 41.0  | 171 | 0.7 | -0.4 |
| 04:00 | 8.2  | 30.1  | 159 | 0.8 | 13.4 | 10.1 | 37.5  | 174 | 0.8 | -0.4 |
| 04:15 | 3.7  | 49.3  | 150 | 0.8 | 13.5 | 10.2 | 50.8  | 156 | 0.8 | 3.4  |
| 04:30 | 8.2  | 36.1  | 155 | 0.8 | 2.3  | 9.8  | 36.3  | 151 | 0.7 | 1.3  |
| 04:45 | 10.3 | 58.2  | 168 | 0.8 | 1.8  | 10.1 | 65.0  | 147 | 0.7 | 0.4  |
| 05:00 | 9.8  | 71.3  | 158 | 0.8 | 2.3  | 9.2  | 29.0  | 181 | 0.7 | -0.5 |
| 05:15 | 9.8  | 25.1  | 112 | 0.8 | 0.1  | 9.7  | 47.3  | 172 | 0.7 | -0.4 |
| 05:30 | 10.2 | 30.1  | 171 | 0.9 | 0.1  | 10.0 | 48.0  | 142 | 0.7 | -0.5 |
| 05:45 | 9.2  | 22.6  | 158 | 0.8 | 0.1  | 10.6 | 54.0  | 132 | 0.8 | -0.4 |
| 06:00 | 7.8  | 43.9  | 148 | 0.8 | 0.1  | 9.7  | 39.0  | 123 | 0.8 | -0.5 |
| 06:15 | 8.3  | 36.9  | 163 | 0.8 | 0.1  | 10.3 | 38.5  | 160 | 0.7 | -0.4 |
| 06:30 | 9.8  | 122.9 | 82  | 0.8 | 0.1  | 9.8  | 46.5  | 170 | 0.7 | -0.4 |
| 06:45 | 8.8  | 34.0  | 138 | 0.8 | 0.1  | 10.3 | 68.5  | 218 | 0.7 | -0.4 |
| 07:00 | 9.8  | 48.8  | 178 | 0.8 | 0.1  | 10.8 | 51.8  | 108 | 0.8 | -0.4 |
| 07:15 | 8.7  | 51.9  | 163 | 0.8 | 0.1  | 10.5 | 52.8  | 121 | 0.8 | -0.4 |
| 07:30 | 9.8  | 51.8  | 128 | 0.8 | 0.1  | 9.5  | 42.8  | 141 | 0.7 | -0.4 |
| 07:45 | 8.9  | 35.1  | 128 | 0.8 | 0.1  | 9.8  | 31.3  | 122 | 0.7 | -0.5 |
| 08:00 | 9.0  | 53.8  | 120 | 0.8 | 0.1  | 10.8 | 132.0 | 123 | 0.8 | -0.4 |
| 08:15 | 9.8  | 52.9  | 138 | 0.8 | 0.1  | 10.6 | 127.0 | 124 | 0.8 | -0.4 |
| 08:30 | 9.4  | 63.1  | 128 | 0.8 | 0.1  | 8.4  | 64.8  | 228 | 0.8 | -0.4 |
| 08:45 | 9.0  | 48.8  | 164 | 0.7 | 0.1  | 10.1 | 68.8  | 164 | 0.8 | -0.5 |
| 09:00 | 9.4  | 38.1  | 133 | 0.8 | 0.1  | 10.8 | 37.0  | 170 | 0.7 | -0.5 |
| 09:15 | 9.4  | 50.1  | 188 | 0.8 | 0.1  | 9.8  | 24.3  | 155 | 0.8 | -0.5 |
| 09:30 | 9.8  | 72.0  | 100 | 0.6 | 0.1  | 9.2  | 28.0  | 133 | 0.7 | -0.4 |
| 09:45 | 8.6  | 74.0  | 210 | 0.8 | 0.1  | 9.8  | 30.0  | 147 | 0.8 | -0.5 |
| 10:00 | 10.2 | 64.8  | 117 | 0.8 | 0.1  | 9.7  | 25.0  | 151 | 0.7 | -0.5 |
| 10:15 | 10.3 | 65.8  | 178 | 0.8 | 0.1  | 9.6  | 21.3  | 172 | 0.8 | -0.5 |
| 10:30 | 10.3 | 49.4  | 153 | 0.8 | 0.1  | 9.8  | 16.5  | 158 | 0.8 | -0.5 |
| 10:45 | 9.2  | 58.2  | 177 | 0.8 | 0.1  | 10.6 | 15.8  | 124 | 0.3 | -0.4 |
| 11:00 | 9.8  | 52.8  | 183 | 0.4 | 0.1  | 9.8  | 17.0  | 161 | 0.8 | -0.5 |
| 11:15 | 9.0  | 48.1  | 182 | 0.8 | 0.1  | 10.1 | 8.8   | 144 | 0.8 | -0.5 |
| 11:30 | 10.0 | 37.4  | 132 | 0.8 | 0.1  | 10.7 | 16.8  | 141 | 0.8 | -0.4 |
| 11:45 | 10.3 | 28.1  | 137 | 0.8 | 0.1  | 11.0 | 20.8  | 190 | 0.7 | -0.5 |
| 12:00 | 9.8  | 61.2  | 143 | 0.8 | 0.1  | 10.6 | 17.5  | 143 | 0.7 | -0.5 |
| 12:15 | 9.2  | 37.1  | 150 | 0.8 | 0.1  | 10.8 | 34.3  | 150 | 0.8 | -0.5 |
| 12:30 | 10.3 | 31.1  | 153 | 0.8 | 0.1  | 11.0 | 20.3  | 168 | 0.7 | -0.5 |
| 12:45 | 11.2 | 37.1  | 137 | 0.8 | 0.1  | 9.8  | 17.2  | 170 | 0.7 | -0.5 |
| 13:00 | 10.8 | 38.1  | 123 | 0.8 | 0.1  | 10.8 | 21.5  | 172 | 0.8 | -0.4 |



|       |      |       |     |     |     |      |      |     |     |      |
|-------|------|-------|-----|-----|-----|------|------|-----|-----|------|
| 14:15 | 2.3  | 58.3  | 207 | 0.4 | 0.1 | 10.3 | 17.5 | 192 | 0.7 | -0.5 |
| 14:30 | 10.1 | 91.0  | 158 | 0.4 | 0.1 | 10.5 | 19.0 | 168 | 0.8 | -0.5 |
| 14:45 | 2.5  | 142.5 | 46  | 0.4 | 0.1 | 11.1 | 15.3 | 174 | 0.8 | -0.5 |
| 15:00 | 11.4 | 38.1  | 77  | 0.1 | 0.1 | 11.2 | 18.3 | 119 | 0.8 | -0.5 |
| 15:15 | 4.5  | 37.8  | 64  | 1.0 | 0.1 | 8.5  | 12.3 | 168 | 0.6 | -0.5 |
| 15:30 | 11.1 | 32.3  | 60  | 0.7 | 0.1 | 7.4  | 7.5  | 160 | 0.8 | -0.5 |
| 15:45 | 3.0  | 33.1  | 35  | 0.7 | 0.1 | 10.5 | 21.3 | 144 | 0.3 | -0.5 |
| 15:00 | 10.1 | 21.1  | 83  | 0.5 | 0.1 | 12.3 | 22.2 | 142 | 0.9 | -0.5 |
| 16:15 | 12.5 | 30.1  | 23  | 0.6 | 0.1 | 11.2 | 23.3 | 219 | 0.7 | -0.5 |
| 16:30 | 11.0 | 21.1  | 78  | 0.5 | 0.1 | 8.8  | 22.0 | 101 | 0.7 | -0.5 |
| 16:45 | 11.3 | 2.0   | 54  | 0.5 | 0.1 | 8.7  | 78.3 | 218 | 0.7 | -0.5 |
| 17:00 | 14.3 | -1.0  | 120 | 0.3 | 0.1 | 10.6 | 47.3 | 189 | 0.8 | -0.5 |
| 17:15 | 15.5 | -1.0  | 122 | 0.3 | 0.1 | 10.5 | 32.3 | 90  | 0.8 | -0.5 |
| 17:30 | 15.7 | -1.0  | 136 | 0.6 | 0.1 | 10.0 | 53.3 | 190 | 0.7 | -0.5 |
| 17:45 | 15.9 | -1.0  | 137 | 0.6 | 0.1 | 10.1 | 44.3 | 152 | 0.7 | -0.5 |
| 18:00 | 17.2 | -1.0  | 133 | 0.7 | 0.1 | 10.5 | 32.2 | 189 | 0.7 | -0.5 |
| 18:15 | 15.8 | -1.0  | 142 | 0.7 | 0.1 | 10.5 | 28.5 | 168 | 0.7 | -0.5 |
| 18:30 | 15.7 | -1.0  | 139 | 0.7 | 0.1 | 10.4 | 40.2 | 180 | 0.7 | -0.5 |
| 18:45 | 15.3 | -1.0  | 106 | 0.7 | 0.1 | 10.2 | 34.3 | 179 | 0.6 | -0.4 |
| 19:00 | 15.4 | -1.0  | 109 | 0.7 | 0.1 | 10.5 | 28.3 | 171 | 0.8 | -0.5 |
| 19:15 | 15.5 | -1.0  | 102 | 0.7 | 0.1 | 9.6  | 33.3 | 201 | 0.7 | -0.4 |
| 19:30 | 15.4 | -1.0  | 112 | 0.8 | 0.1 | 10.2 | 34.3 | 172 | 0.7 | -0.4 |
| 19:45 | 10.3 | -1.0  | 2.1 | 0.7 | 0.1 | 9.7  | 32.2 | 102 | 0.7 | -0.5 |
| 20:00 | 10.4 | 12.0  | 115 | 0.6 | 0.1 | 9.5  | 34.3 | 164 | 0.7 | -0.5 |
| 20:15 | 10.1 | 21.1  | 180 | 0.7 | 0.1 | 9.2  | 34.3 | 195 | 0.7 | -0.5 |
| 20:30 | 9.6  | 22.1  | 187 | 0.5 | 0.1 | 9.3  | 42.6 | 145 | 0.7 | -0.4 |
| 20:45 | 3.5  | 21.8  | 121 | 0.5 | 0.1 | 10.5 | 22.8 | 139 | 0.8 | -0.5 |
| 21:00 | 3.4  | 30.3  | 174 | 0.5 | 0.1 | 10.0 | 33.3 | 181 | 0.8 | -0.5 |
| 21:15 | 3.3  | 43.3  | 192 | 0.1 | 0.1 | 10.1 | 61.3 | 132 | 0.9 | -0.5 |
| 21:30 | 11.2 | 63.3  | 137 | 0.1 | 0.1 | 10.7 | 31.3 | 159 | 0.7 | -0.4 |
| 21:45 | 3.4  | 45.3  | 172 | 0.5 | 0.1 | 9.3  | 27.3 | 166 | 0.7 | -0.5 |
| 22:00 | 10.2 | 42.3  | 22  | 0.4 | 0.1 | 9.3  | 26.3 | 166 | 0.7 | -0.5 |
| 22:15 | 3.0  | 39.3  | 130 | 0.5 | 0.1 | 9.6  | 31.2 | 155 | 0.8 | -0.5 |
| 22:30 | 3.3  | 40.3  | 124 | 0.5 | 0.1 | 10.2 | 23.0 | 169 | 0.7 | -0.5 |
| 22:45 | 3.2  | 50.2  | 30  | 0.5 | 0.1 | 10.3 | 23.0 | 186 | 0.7 | -0.5 |
| 23:00 | 3.1  | 27.3  | 121 | 0.5 | 0.1 | 10.1 | 30.3 | 148 | 0.8 | -0.5 |
| 23:15 | 3.3  | 27.6  | 151 | 0.5 | 0.1 | 9.4  | 22.0 | 132 | 0.7 | -0.5 |
| 23:30 | 3.3  | 23.3  | 207 | 0.7 | 0.1 | 9.3  | 30.3 | 174 | 0.8 | -0.4 |
| 23:45 | 10.2 | 20.3  | 117 | 0.6 | 0.1 | 10.0 | 18.3 | 143 | 0.8 | -0.4 |
| 00:00 | 10.6 | 25.3  | 138 | 0.5 | 0.1 | 9.7  | 13.0 | 163 | 0.7 | -0.5 |

|     |       |        |        |      |       |       |        |        |      |       |
|-----|-------|--------|--------|------|-------|-------|--------|--------|------|-------|
| SUM | 4.31  | -1.25  | 45.38  | 0.31 | 0.13  | 8.44  | 7.58   | 35.22  | 0.63 | -0.50 |
| NOF | 10.88 | 142.30 | 218.50 | 0.38 | 13.07 | 11.58 | 138.56 | 227.50 | 0.94 | 4.25  |
| AVE | 10.40 |        | 142.93 |      | 0.68  |       | 32.42  |        | 0.75 |       |
|     |       | 29.56  |        | 0.54 |       | 10.11 |        | 158.71 |      | -0.10 |

|   |          |               |    |           |            |
|---|----------|---------------|----|-----------|------------|
| 1 | TIR-0412 | TOWER IN      | 5  | TIR-0356  | COND VBT   |
| 2 | TIR-0422 | TOWER OUT     | 7  | AIR-0648A | U-1 COND   |
| 3 | FIR-0136 | TURE SIN KLBS | 8  | AIR-0648B | U-2 COND   |
| 4 | TIR-0138 | TURE IN TEMP  | 9  | AIR-4003A | U-1 WET 02 |
| 5 | FIR-0164 | TURE IN PRESS | 10 | AIR-4003B | U-2 WET 02 |

| TIME  | 1   | 2  | 3     | 4   | 5   | 6     | 7  | 8  | 9   | 10  |
|-------|-----|----|-------|-----|-----|-------|----|----|-----|-----|
| 00:15 | 104 | 80 | 301.5 | 820 | 854 | -27.2 | 0  | 16 | 7.9 | 8.1 |
| 00:30 | 104 | 89 | 312.5 | 828 | 854 | -27.2 | 2  | 16 | 6.7 | 8.5 |
| 00:45 | 103 | 88 | 312.0 | 817 | 854 | -27.2 | -2 | 10 | 8.5 | 7.6 |
| 01:00 | 104 | 87 | 308.0 | 821 | 854 | -27.2 | -8 | 22 | 6.8 | 7.1 |
| 01:15 | 103 | 89 | 317.0 | 829 | 854 | -27.2 | 0  | 24 | 7.7 | 8.1 |
| 01:30 | 103 | 80 | 300.5 | 831 | 854 | -27.3 | 4  | 12 | 7.2 | 7.3 |
| 01:45 | 103 | 88 | 305.0 | 832 | 854 | -27.3 | 0  | 17 | 7.4 | 7.6 |
| 02:00 | 104 | 88 | 321.5 | 822 | 852 | -27.3 | 2  | 22 | 8.4 | 7.5 |
| 02:15 | 103 | 89 | 313.5 | 832 | 853 | -27.2 | 4  | 17 | 8.3 | 7.6 |
| 02:30 | 104 | 89 | 326.0 | 830 | 854 | -27.2 | -1 | 16 | 7.5 | 8.0 |
| 02:45 | 104 | 89 | 324.0 | 830 | 854 | -27.1 | -4 | 16 | 7.6 | 7.1 |
| 03:00 | 104 | 83 | 310.0 | 829 | 854 | -27.2 | 4  | 14 | 7.5 | 7.5 |
| 03:15 | 104 | 80 | 326.5 | 831 | 854 | -27.2 | -2 | 14 | 7.3 | 6.5 |
| 03:30 | 104 | 80 | 328.0 | 832 | 854 | -27.1 | 0  | 9  | 6.8 | 7.3 |
| 03:45 | 104 | 89 | 323.5 | 833 | 854 | -27.1 | 0  | 14 | 7.8 | 6.3 |
| 04:00 | 103 | 89 | 313.5 | 832 | 854 | -27.2 | 14 | 18 | 6.9 | 7.8 |
| 04:15 | 104 | 82 | 333.0 | 833 | 854 | -27.1 | 0  | 14 | 7.6 | 8.0 |
| 04:30 | 103 | 89 | 317.5 | 827 | 854 | -27.2 | 7  | 19 | 7.4 | 7.3 |
| 04:45 | 104 | 92 | 327.0 | 827 | 853 | -27.2 | 2  | 19 | 8.1 | 7.8 |
| 05:00 | 103 | 82 | 318.0 | 827 | 854 | -27.2 | 2  | 13 | 7.7 | 7.5 |
| 05:15 | 103 | 89 | 325.5 | 828 | 854 | -27.0 | 1  | 15 | 7.8 | 7.3 |
| 05:30 | 103 | 89 | 322.0 | 828 | 854 | -27.2 | 12 | 12 | 8.0 | 7.6 |
| 05:45 | 104 | 89 | 324.5 | 830 | 854 | -27.2 | 4  | 17 | 7.3 | 8.1 |
| 06:00 | 104 | 86 | 326.0 | 831 | 854 | -27.2 | 4  | 16 | 5.9 | 7.4 |
| 06:15 | 104 | 90 | 322.5 | 831 | 854 | -27.1 | 7  | 13 | 6.9 | 7.4 |
| 06:30 | 103 | 80 | 301.0 | 826 | 854 | -27.3 | 16 | 17 | 7.4 | 7.1 |
| 06:45 | 104 | 89 | 332.5 | 831 | 854 | -27.1 | -9 | 15 | 8.1 | 7.8 |
| 07:00 | 104 | 80 | 328.5 | 829 | 854 | -27.1 | -1 | 18 | 7.4 | 8.2 |
| 07:15 | 104 | 87 | 323.0 | 829 | 854 | -27.2 | 2  | 16 | 7.4 | 7.8 |
| 07:30 | 102 | 89 | 318.5 | 830 | 854 | -27.2 | 2  | 17 | 8.1 | 7.5 |
| 07:45 | 102 | 82 | 298.0 | 827 | 854 | -27.3 | 2  | 15 | 6.2 | 6.3 |
| 08:00 | 104 | 89 | 330.5 | 831 | 854 | -27.1 | 5  | 13 | 6.8 | 8.0 |
| 08:15 | 104 | 80 | 307.5 | 829 | 854 | -27.2 | 7  | 38 | 7.2 | 8.0 |
| 08:30 | 104 | 80 | 324.5 | 831 | 854 | -27.1 | 12 | 11 | 7.1 | 5.8 |
| 08:45 | 104 | 81 | 334.0 | 834 | 854 | -27.0 | 5  | 16 | 7.3 | 7.5 |
| 09:00 | 104 | 81 | 285.5 | 827 | 854 | -27.2 | 31 | 23 | 7.6 | 7.9 |
| 09:15 | 105 | 81 | 326.0 | 828 | 854 | -27.0 | -3 | 13 | 7.1 | 6.9 |
| 09:30 | 105 | 81 | 331.5 | 836 | 854 | -27.0 | 10 | 17 | 7.6 | 6.9 |
| 09:45 | 104 | 81 | 328.0 | 829 | 854 | -27.0 | -1 | 13 | 6.7 | 7.4 |
| 10:00 | 105 | 81 | 327.0 | 831 | 854 | -27.0 | 10 | 11 | 8.1 | 7.3 |
| 10:15 | 105 | 81 | 326.5 | 827 | 854 | -27.0 | 2  | 13 | 7.8 | 7.1 |
| 10:30 | 105 | 81 | 316.0 | 827 | 854 | -27.1 | 6  | 17 | 7.7 | 7.2 |
| 10:45 | 105 | 81 | 320.0 | 828 | 854 | -27.0 | 8  | 9  | 7.3 | 8.5 |
| 11:00 | 105 | 81 | 302.5 | 831 | 854 | -27.1 | 1  | 13 | 7.1 | 7.2 |
| 11:15 | 104 | 80 | 269.0 | 832 | 854 | -27.3 | 2  | 24 | 6.4 | 7.6 |
| 11:30 | 105 | 80 | 326.0 | 834 | 854 | -27.1 | 2  | 19 | 8.4 | 8.2 |
| 11:45 | 105 | 80 | 330.0 | 833 | 854 | -27.1 | -1 | 13 | 7.5 | 8.4 |
| 12:00 | 105 | 80 | 332.0 | 835 | 854 | -27.1 | 7  | 19 | 7.6 | 8.1 |
| 12:15 | 104 | 80 | 324.0 | 830 | 854 | -27.1 | 8  | 19 | 7.5 | 6.8 |
| 12:30 | 105 | 80 | 328.5 | 831 | 854 | -27.1 | 2  | 15 | 8.4 | 8.3 |

|       |     |    |       |     |     |       |     |    |      |     |
|-------|-----|----|-------|-----|-----|-------|-----|----|------|-----|
| 13:50 | 100 | 80 | 315.0 | 827 | 854 | -27.0 | 1   | 23 | 7.5  | 7.1 |
| 13:45 | 105 | 81 | 325.5 | 828 | 854 | -27.0 | 0   | 17 | 7.7  | 8.1 |
| 13:30 | 105 | 81 | 331.0 | 831 | 854 | -27.0 | 0   | 17 | 7.7  | 8.1 |
| 13:15 | 105 | 81 | 336.5 | 829 | 854 | -27.0 | -3  | 18 | 7.5  | 7.9 |
| 12:30 | 104 | 80 | 321.0 | 829 | 854 | -27.1 | 2   | 33 | 8.1  | 8.5 |
| 12:45 | 104 | 80 | 315.0 | 827 | 854 | -27.1 | 7   | 16 | 8.3  | 8.0 |
| 12:00 | 102 | 83 | 278.0 | 803 | 854 | -27.4 | -9  | 18 | 8.4  | 8.5 |
| 11:11 | 102 | 83 | 294.0 | 793 | 854 | -27.3 | 391 | 15 | 2.3  | 6.5 |
| 10:30 | 101 | 83 | 294.8 | 738 | 854 | -27.3 | -11 | 16 | 8.3  | 7.2 |
| 10:45 | 102 | 80 | 248.3 | 804 | 854 | -27.4 | -3  | 15 | 7.2  | 8.3 |
| 10:00 | 102 | 80 | 245.3 | 812 | 854 | -27.4 | -2  | 14 | 8.4  | 8.2 |
| 16:00 | 100 | 89 | 228.3 | 817 | 854 | -27.5 | -8  | 11 | 8.5  | 8.2 |
| 16:30 | 99  | 88 | 222.3 | 813 | 854 | -27.7 | -10 | 12 | 9.5  | 7.9 |
| 16:45 | 97  | 88 | 198.8 | 821 | 855 | -27.8 | 8   | 12 | 11.2 | 6.5 |
| 17:00 | 98  | 88 | 199.0 | 812 | 854 | -27.8 | 22  | 14 | 14.0 | 7.9 |
| 17:15 | 96  | 86 | 181.3 | 820 | 854 | -28.0 | 47  | 21 | 14.7 | 8.2 |
| 17:30 | 94  | 85 | 177.0 | 817 | 854 | -28.1 | 44  | 13 | 15.1 | 7.7 |
| 17:45 | 94  | 84 | 175.5 | 815 | 854 | -28.1 | 52  | 19 | 15.9 | 7.8 |
| 18:00 | 94  | 85 | 180.0 | 814 | 854 | -28.1 | 58  | 14 | 15.2 | 8.1 |
| 18:15 | 94  | 85 | 178.5 | 812 | 854 | -28.1 | 53  | 13 | 15.6 | 7.9 |
| 18:30 | 93  | 84 | 181.8 | 812 | 854 | -28.1 | 107 | 12 | 15.5 | 8.1 |
| 18:45 | 94  | 84 | 186.3 | 811 | 854 | -28.1 | 18  | 12 | 15.0 | 7.8 |
| 19:00 | 92  | 84 | 185.3 | 813 | 854 | -28.1 | 16  | 13 | 15.0 | 7.6 |
| 19:15 | 93  | 84 | 182.3 | 812 | 854 | -28.2 | 18  | 12 | 15.0 | 7.8 |
| 19:30 | 93  | 84 | 185.5 | 813 | 854 | -28.1 | 42  | 13 | 14.3 | 7.7 |
| 19:45 | 93  | 84 | 225.5 | 815 | 854 | -27.7 | 2   | 16 | 9.5  | 7.5 |
| 20:00 | 93  | 85 | 254.3 | 842 | 854 | -27.5 | 4   | 8  | 8.5  | 6.9 |
| 20:15 | 101 | 87 | 274.5 | 826 | 854 | -27.6 | 1   | 7  | 7.8  | 7.5 |
| 20:30 | 102 | 88 | 327.0 | 834 | 853 | -27.2 | 1   | 16 | 7.2  | 7.4 |
| 20:45 | 103 | 91 | 322.0 | 840 | 854 | -27.2 | 13  | 22 | 7.2  | 8.0 |
| 21:00 | 103 | 89 | 324.0 | 832 | 852 | -27.2 | -1  | 20 | 7.0  | 7.7 |
| 21:15 | 103 | 89 | 323.0 | 832 | 854 | -27.2 | -2  | 20 | 6.8  | 7.5 |
| 21:30 | 103 | 88 | 324.0 | 829 | 854 | -27.2 | -0  | 16 | 8.2  | 8.1 |
| 21:45 | 103 | 88 | 331.7 | 828 | 854 | -27.2 | -7  | 26 | 6.8  | 7.3 |
| 22:00 | 103 | 88 | 321.5 | 823 | 854 | -27.2 | -0  | 15 | 8.2  | 7.6 |
| 22:15 | 103 | 88 | 323.5 | 823 | 854 | -27.2 | 2   | 13 | 6.9  | 7.5 |
| 22:30 | 103 | 88 | 330.0 | 826 | 854 | -27.3 | -0  | 30 | 7.8  | 7.5 |
| 22:45 | 103 | 88 | 332.0 | 823 | 854 | -27.2 | 1   | 12 | 7.4  | 7.7 |
| 23:00 | 102 | 88 | 316.0 | 828 | 853 | -27.3 | 4   | 20 | 7.1  | 7.8 |
| 23:15 | 103 | 88 | 321.5 | 823 | 854 | -27.3 | 3   | 21 | 7.7  | 7.2 |
| 23:30 | 103 | 88 | 327.0 | 830 | 854 | -27.3 | 2   | 13 | 7.0  | 7.5 |
| 23:45 | 103 | 89 | 328.0 | 822 | 854 | -27.2 | 0   | 16 | 8.0  | 7.3 |
| 00:00 | 103 | 88 | 320.5 | 832 | 854 | -27.5 | 8   | 17 | 8.2  | 7.5 |

|     |        |       |        |        |        |        |        |       |       |      |
|-----|--------|-------|--------|--------|--------|--------|--------|-------|-------|------|
| MIN | 92.50  | 81.50 | 176.50 | 789.00 | 853.00 | -28.10 | -10.97 | 7.28  | 2.30  | 5.77 |
| MAX | 106.00 | 92.05 | 334.50 | 842.00 | 856.00 | -26.97 | 331.00 | 32.63 | 15.61 | 9.00 |
| Avg | 102.31 | 88.86 | 266.77 | 833.36 | 853.36 | -27.31 | 12.12  | 16.51 | 8.51  | 7.66 |

FROM OUT TEMPS MOVED TO LOG 21  
DUE TO SPACE LIMITATIONS

- 1 TIR-06044 FURNACE SIDEWALL TEMP
- 2 TIR-06018 FURNACE POOF TEMP
- 3 TIR-06088 2ND PASS EXIT TEMP
- 4 TIR-06108 2ND SWH INLET TEMP
- 5 TIR-06158 1ST SWH INLET TEMP
- 6 TIR-06174 EQUIP INLET TEMP
- 7 TIR-06194 EQUIP EXIT TEMP
- 8 TIR-06184 UNHEATED COMB AIR TEMP
- 9 TIR-06094 OFA HTR OUTLET TEMP
- 10 TIR-06184 OFA HTR OUTLET TEMP

TIME

|       | 1    | 2    | 3    | 4    | 5   | 6   | 7   | 8  | 9   | 10  |
|-------|------|------|------|------|-----|-----|-----|----|-----|-----|
| 00:15 | 1580 | 1524 | 1270 | 1124 | 810 | 740 | 413 | 87 | 295 | 97  |
| 00:30 | 1562 | 1548 | 1284 | 1102 | 810 | 742 | 415 | 87 | 296 | 97  |
| 00:45 | 1546 | 1526 | 1276 | 1092 | 802 | 738 | 414 | 87 | 296 | 97  |
| 01:00 | 1528 | 1534 | 1281 | 1086 | 796 | 729 | 413 | 87 | 296 | 97  |
| 01:15 | 1562 | 1544 | 1270 | 1096 | 797 | 738 | 413 | 87 | 297 | 97  |
| 01:30 | 1522 | 1520 | 1252 | 1090 | 781 | 727 | 410 | 87 | 295 | 97  |
| 01:45 | 1526 | 1508 | 1248 | 1088 | 784 | 738 | 411 | 87 | 293 | 97  |
| 02:00 | 1554 | 1528 | 1268 | 1104 | 792 | 722 | 409 | 86 | 294 | 96  |
| 02:15 | 1572 | 1526 | 1268 | 1108 | 794 | 724 | 409 | 86 | 297 | 96  |
| 02:30 | 1584 | 1540 | 1280 | 1110 | 795 | 724 | 408 | 86 | 298 | 96  |
| 02:45 | 1612 | 1548 | 1280 | 1114 | 799 | 722 | 401 | 86 | 299 | 96  |
| 03:00 | 1586 | 1528 | 1260 | 1096 | 790 | 719 | 400 | 86 | 298 | 96  |
| 03:15 | 1581 | 1540 | 1268 | 1108 | 797 | 724 | 404 | 84 | 297 | 96  |
| 03:30 | 1558 | 1542 | 1274 | 1112 | 800 | 727 | 405 | 84 | 298 | 96  |
| 03:45 | 1594 | 1534 | 1274 | 1118 | 802 | 728 | 407 | 84 | 298 | 96  |
| 04:00 | 1538 | 1516 | 1258 | 1106 | 800 | 727 | 402 | 84 | 296 | 96  |
| 04:15 | 1550 | 1550 | 1280 | 1122 | 808 | 734 | 411 | 84 | 299 | 96  |
| 04:30 | 1552 | 1524 | 1260 | 1110 | 800 | 730 | 409 | 85 | 298 | 96  |
| 04:45 | 1572 | 1538 | 1276 | 1116 | 803 | 731 | 401 | 85 | 298 | 96  |
| 05:00 | 1568 | 1532 | 1274 | 1114 | 802 | 730 | 408 | 85 | 297 | 96  |
| 05:15 | 1584 | 1542 | 1278 | 1114 | 800 | 728 | 407 | 85 | 297 | 96  |
| 05:30 | 1568 | 1526 | 1272 | 1108 | 797 | 725 | 405 | 86 | 298 | 96  |
| 05:45 | 1572 | 1530 | 1282 | 1120 | 805 | 730 | 408 | 86 | 298 | 96  |
| 06:00 | 1562 | 1534 | 1292 | 1128 | 805 | 732 | 409 | 86 | 298 | 96  |
| 06:15 | 1592 | 1542 | 1294 | 1130 | 808 | 735 | 409 | 86 | 298 | 96  |
| 06:30 | 1584 | 1548 | 1278 | 1120 | 804 | 729 | 409 | 86 | 297 | 96  |
| 06:45 | 1576 | 1554 | 1294 | 1126 | 801 | 730 | 410 | 86 | 297 | 96  |
| 07:00 | 1592 | 1568 | 1294 | 1130 | 809 | 732 | 409 | 86 | 299 | 96  |
| 07:15 | 1584 | 1534 | 1284 | 1126 | 808 | 734 | 410 | 86 | 299 | 96  |
| 07:30 | 1580 | 1548 | 1280 | 1120 | 805 | 732 | 409 | 86 | 298 | 96  |
| 07:45 | 1562 | 1552 | 1282 | 1122 | 807 | 734 | 410 | 86 | 294 | 97  |
| 08:00 | 1606 | 1556 | 1292 | 1130 | 810 | 735 | 410 | 86 | 298 | 97  |
| 08:15 | 1552 | 1522 | 1272 | 1116 | 806 | 734 | 411 | 87 | 298 | 97  |
| 08:30 | 1596 | 1536 | 1284 | 1128 | 812 | 735 | 416 | 87 | 296 | 96  |
| 08:45 | 1600 | 1538 | 1280 | 1132 | 814 | 741 | 419 | 87 | 300 | 99  |
| 09:00 | 1534 | 1506 | 1258 | 1106 | 803 | 732 | 411 | 88 | 297 | 100 |
| 09:15 | 1548 | 1516 | 1266 | 1114 | 807 | 732 | 413 | 89 | 298 | 100 |
| 09:30 | 1566 | 1546 | 1276 | 1122 | 810 | 736 | 413 | 90 | 300 | 101 |
| 09:45 | 1562 | 1546 | 1272 | 1126 | 809 | 735 | 412 | 91 | 300 | 102 |
| 10:00 | 1536 | 1552 | 1272 | 1126 | 809 | 736 | 411 | 91 | 300 | 102 |
| 10:15 | 1552 | 1562 | 1282 | 1130 | 809 | 735 | 411 | 92 | 300 | 102 |
| 10:30 | 1552 | 1532 | 1264 | 1104 | 802 | 732 | 410 | 92 | 299 | 102 |
| 10:45 | 1584 | 1540 | 1268 | 1124 | 801 | 735 | 412 | 92 | 299 | 104 |
| 11:00 | 1560 | 1548 | 1278 | 1122 | 799 | 735 | 411 | 94 | 299 | 102 |
| 11:15 | 1598 | 1548 | 1276 | 1130 | 798 | 732 | 410 | 95 | 297 | 100 |
| 11:30 | 1566 | 1538 | 1266 | 1120 | 798 | 727 | 407 | 95 | 298 | 100 |

|       |      |      |      |      |     |     |     |     |     |     |
|-------|------|------|------|------|-----|-----|-----|-----|-----|-----|
| 12:30 | 1580 | 1580 | 1275 | 1122 | 800 | 738 | 412 | 28  | 300 | 108 |
| 12:45 | 1576 | 1510 | 1235 | 1120 | 800 | 745 | 412 | 29  | 301 | 108 |
| 12:50 | 1588 | 1512 | 1272 | 1123 | 815 | 745 | 412 | 29  | 301 | 108 |
| 13:00 | 1574 | 1506 | 1252 | 1128 | 817 | 744 | 411 | 100 | 301 | 108 |
| 13:30 | 1570 | 1522 | 1264 | 1120 | 800 | 731 | 409 | 100 | 301 | 108 |
| 13:45 | 1564 | 1550 | 1280 | 1130 | 804 | 731 | 407 | 100 | 301 | 108 |
| 14:00 | 1525 | 1580 | 1288 | 1140 | 808 | 725 | 408 | 100 | 302 | 108 |
| 14:15 | 1530 | 1544 | 1275 | 1134 | 804 | 733 | 407 | 101 | 302 | 108 |
| 14:30 | 1530 | 1538 | 1272 | 1128 | 801 | 730 | 405 | 100 | 301 | 110 |
| 14:45 | 1508 | 1532 | 1258 | 1106 | 789 | 717 | 395 | 102 | 302 | 110 |
| 15:00 | 1550 | 1484 | 1144 | 875  | 874 | 552 | 360 | 101 | 304 | 108 |
| 15:15 | 1508 | 1584 | 1170 | 990  | 854 | 631 | 350 | 101 | 300 | 107 |
| 15:30 | 1508 | 1482 | 1122 | 957  | 859 | 626 | 345 | 100 | 302 | 106 |
| 15:45 | 1474 | 1484 | 1130 | 969  | 865 | 628 | 348 | 100 | 304 | 105 |
| 16:00 | 1432 | 1432 | 1124 | 978  | 871 | 635 | 351 | 99  | 303 | 104 |
| 16:15 | 1402 | 1394 | 1092 | 951  | 867 | 630 | 350 | 99  | 305 | 104 |
| 16:30 | 1325 | 1358 | 1084 | 929  | 865 | 626 | 349 | 97  | 308 | 103 |
| 16:45 | 1252 | 1286 | 1036 | 884  | 857 | 621 | 344 | 97  | 310 | 102 |
| 17:00 | 1218 | 1244 | 1002 | 858  | 853 | 616 | 346 | 95  | 313 | 102 |
| 17:15 | 1084 | 1140 | 917  | 808  | 842 | 611 | 343 | 95  | 318 | 100 |
| 17:30 | 1046 | 1100 | 874  | 784  | 840 | 605 | 346 | 94  | 322 | 100 |
| 17:45 | 1013 | 1082 | 855  | 772  | 837 | 602 | 335 | 95  | 323 | 99  |
| 18:00 | 990  | 1070 | 844  | 764  | 835 | 600 | 351 | 95  | 324 | 98  |
| 18:15 | 978  | 1054 | 832  | 750  | 831 | 598 | 353 | 95  | 324 | 97  |
| 18:30 | 969  | 1055 | 834  | 757  | 830 | 597 | 356 | 95  | 324 | 97  |
| 18:45 | 1000 | 1096 | 848  | 772  | 832 | 599 | 357 | 94  | 325 | 96  |
| 19:00 | 1005 | 1104 | 850  | 774  | 831 | 597 | 357 | 94  | 325 | 95  |
| 19:15 | 1007 | 1104 | 848  | 774  | 831 | 597 | 357 | 94  | 325 | 94  |
| 19:30 | 999  | 1090 | 845  | 771  | 831 | 597 | 357 | 94  | 324 | 95  |
| 19:45 | 1102 | 1170 | 1002 | 911  | 712 | 589 | 282 | 99  | 309 | 101 |
| 20:00 | 1402 | 1382 | 1148 | 1032 | 767 | 682 | 404 | 92  | 306 | 101 |
| 20:15 | 1522 | 1450 | 1206 | 1070 | 798 | 694 | 401 | 92  | 305 | 100 |
| 20:30 | 1606 | 1548 | 1282 | 1124 | 805 | 720 | 402 | 91  | 302 | 99  |
| 20:45 | 1636 | 1554 | 1284 | 1134 | 813 | 732 | 404 | 91  | 301 | 99  |
| 21:00 | 1615 | 1544 | 1280 | 1132 | 815 | 735 | 407 | 90  | 300 | 99  |
| 21:15 | 1604 | 1540 | 1280 | 1145 | 817 | 735 | 407 | 90  | 300 | 99  |
| 21:30 | 1604 | 1546 | 1280 | 1138 | 818 | 738 | 408 | 90  | 299 | 98  |
| 21:45 | 1624 | 1580 | 1282 | 1140 | 814 | 736 | 407 | 89  | 298 | 98  |
| 22:00 | 1606 | 1544 | 1280 | 1134 | 815 | 739 | 407 | 88  | 298 | 97  |
| 22:15 | 1604 | 1542 | 1280 | 1134 | 818 | 738 | 408 | 88  | 298 | 97  |
| 22:30 | 1580 | 1540 | 1285 | 1132 | 812 | 737 | 409 | 88  | 297 | 97  |
| 22:45 | 1578 | 1530 | 1284 | 1131 | 817 | 740 | 408 | 88  | 298 | 97  |
| 23:00 | 1560 | 1520 | 1278 | 1122 | 808 | 734 | 407 | 88  | 297 | 97  |
| 23:15 | 1600 | 1581 | 1280 | 1134 | 811 | 737 | 408 | 87  | 298 | 97  |
| 23:30 | 1586 | 1520 | 1282 | 1130 | 810 | 739 | 411 | 88  | 292 | 97  |
| 23:45 | 1562 | 1538 | 1282 | 1144 | 828 | 754 | 418 | 88  | 298 | 97  |
| 00:00 | 1600 | 1520 | 1230 | 1141 | 830 | 758 | 421 | 88  | 299 | 97  |

|     |         |         |         |         |        |        |        |        |        |        |
|-----|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| 814 | 969.00  | 1055.00 | 834.00  | 757.00  | 830.00 | 587.00 | 344.50 | 84.00  | 292.50 | 94.38  |
| 498 | 1636.00 | 1592.00 | 1300.00 | 1145.00 | 830.00 | 758.00 | 422.00 | 101.60 | 324.50 | 110.15 |
| 408 | 1483.04 |         | 1211.08 |         | 772.20 |        | 397.06 |        | 301.75 |        |
|     |         | 1474.17 |         | 1084.75 |        | 707.76 |        | 31.07  |        | 99.83  |

1 91-40034 EXCESS OXYGEN  
 2 FIR-0007A STEM DRUM PSIG  
 3 FIR-0162A FRI 5/4 STM IN  
 4 FIR-0109A FRI 5/4 STM OUT  
 5 FIR-0107A FRI 5/4 STM IN  
 6 FIR-0105A FRI 5/4 STM OUT  
 7 FIR-0003A TURB PRESS  
 8 0014-0605A 5/4 DIFF PRESS  
 9 FIR-0094A 10 FAN AMPS  
 10 FIR-0026A BODY WATER INLET

| TIME  | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9  | 10  |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 00:15 | 7.9 | 972 | 540 | 638 | 742 | 825 | -0.3 | 0.2 | 79 | 290 |
| 00:30 | 8.7 | 984 | 541 | 639 | 744 | 826 | -0.3 | 0.2 | 82 | 290 |
| 00:45 | 8.5 | 979 | 541 | 637 | 732 | 814 | -0.3 | 0.2 | 82 | 290 |
| 01:00 | 8.8 | 983 | 541 | 635 | 733 | 822 | -0.2 | 0.2 | 82 | 289 |
| 01:15 | 7.7 | 983 | 541 | 632 | 732 | 827 | -0.3 | 0.2 | 82 | 290 |
| 01:30 | 7.2 | 972 | 539 | 630 | 736 | 827 | -0.2 | 0.2 | 79 | 290 |
| 01:45 | 7.4 | 969 | 539 | 635 | 743 | 831 | -0.3 | 0.2 | 79 | 289 |
| 02:00 | 8.4 | 970 | 540 | 637 | 748 | 830 | -0.7 | 0.1 | 82 | 289 |
| 02:15 | 8.3 | 980 | 540 | 638 | 749 | 833 | -0.2 | 0.2 | 78 | 290 |
| 02:30 | 7.5 | 959 | 541 | 637 | 748 | 830 | -0.3 | 0.2 | 78 | 289 |
| 02:45 | 7.6 | 987 | 541 | 633 | 744 | 828 | -0.3 | 0.2 | 76 | 290 |
| 03:00 | 7.5 | 971 | 539 | 636 | 743 | 827 | -0.0 | 0.2 | 78 | 291 |
| 03:15 | 7.9 | 978 | 540 | 631 | 742 | 831 | -0.2 | 0.2 | 79 | 291 |
| 03:30 | 8.6 | 980 | 540 | 631 | 745 | 831 | -0.2 | 0.2 | 79 | 290 |
| 03:45 | 7.8 | 984 | 542 | 630 | 748 | 831 | -0.2 | 0.2 | 79 | 290 |
| 04:00 | 8.9 | 975 | 540 | 637 | 749 | 839 | -0.3 | 0.2 | 86 | 290 |
| 04:15 | 7.6 | 983 | 541 | 631 | 753 | 831 | -0.5 | 0.2 | 82 | 290 |
| 04:30 | 7.4 | 976 | 540 | 632 | 746 | 827 | -0.3 | 0.1 | 79 | 290 |
| 04:45 | 8.1 | 981 | 541 | 631 | 744 | 826 | -0.4 | 0.2 | 79 | 290 |
| 05:00 | 7.7 | 979 | 540 | 632 | 744 | 825 | -0.4 | 0.2 | 79 | 290 |
| 05:15 | 7.8 | 981 | 540 | 630 | 743 | 823 | -0.3 | 0.2 | 78 | 290 |
| 05:30 | 8.0 | 977 | 540 | 630 | 742 | 824 | -0.2 | 0.2 | 78 | 290 |
| 05:45 | 7.9 | 982 | 540 | 632 | 746 | 830 | -0.2 | 0.2 | 79 | 290 |
| 06:00 | 8.3 | 982 | 541 | 637 | 746 | 830 | -0.3 | 0.2 | 79 | 290 |
| 06:15 | 8.1 | 982 | 541 | 631 | 747 | 831 | -0.3 | 0.2 | 79 | 290 |
| 06:30 | 7.4 | 977 | 540 | 632 | 743 | 828 | -0.1 | 0.1 | 75 | 290 |
| 06:45 | 8.1 | 984 | 541 | 630 | 748 | 823 | -0.2 | 0.2 | 78 | 290 |
| 07:00 | 7.4 | 987 | 541 | 630 | 746 | 827 | -0.3 | 0.2 | 78 | 290 |
| 07:15 | 7.4 | 983 | 541 | 632 | 746 | 828 | -0.2 | 0.2 | 79 | 290 |
| 07:30 | 8.1 | 977 | 540 | 631 | 743 | 821 | -0.2 | 0.2 | 78 | 290 |
| 07:45 | 8.9 | 980 | 540 | 636 | 746 | 828 | -0.1 | 0.2 | 79 | 290 |
| 08:00 | 8.2 | 987 | 541 | 635 | 748 | 829 | -0.7 | 0.1 | 78 | 290 |
| 08:15 | 7.2 | 975 | 540 | 635 | 744 | 827 | -0.1 | 0.2 | 79 | 290 |
| 08:30 | 7.1 | 981 | 541 | 632 | 746 | 831 | -0.3 | 0.2 | 81 | 290 |
| 08:45 | 7.3 | 987 | 541 | 635 | 747 | 831 | -0.7 | 0.2 | 79 | 290 |
| 09:00 | 7.2 | 965 | 539 | 637 | 744 | 824 | -0.1 | 0.2 | 79 | 290 |
| 09:15 | 7.1 | 975 | 540 | 701 | 748 | 827 | -0.2 | 0.2 | 79 | 290 |
| 09:30 | 7.5 | 990 | 540 | 634 | 744 | 827 | -0.3 | 0.2 | 78 | 290 |
| 09:45 | 8.7 | 982 | 540 | 636 | 743 | 828 | -0.3 | 0.2 | 79 | 290 |
| 10:00 | 8.1 | 979 | 541 | 633 | 743 | 827 | -0.3 | 0.2 | 78 | 290 |
| 10:15 | 7.8 | 984 | 541 | 634 | 744 | 828 | -0.4 | 0.2 | 78 | 290 |
| 10:30 | 7.7 | 975 | 540 | 633 | 743 | 825 | -0.1 | 0.2 | 78 | 290 |
| 10:45 | 7.9 | 983 | 541 | 632 | 741 | 828 | -0.6 | 0.2 | 79 | 290 |
| 11:00 | 7.1 | 981 | 541 | 625 | 743 | 821 | -0.1 | 0.2 | 79 | 290 |
| 11:15 | 6.4 | 988 | 540 | 634 | 751 | 835 | -0.2 | 0.2 | 82 | 290 |
| 11:30 | 7.1 | 987 | 541 | 635 | 743 | 827 | -0.2 | 0.2 | 79 | 290 |

|       |      |     |     |     |     |     |      |     |    |     |
|-------|------|-----|-----|-----|-----|-----|------|-----|----|-----|
| 12:55 | 8.1  | 871 | 540 | 698 | 748 | 828 | -0.2 | 0.2 | 79 | 290 |
| 13:00 | 8.1  | 875 | 542 | 700 | 747 | 828 | -0.2 | 0.2 | 79 | 290 |
| 13:05 | 8.2  | 885 | 541 | 707 | 750 | 832 | -0.2 | 0.2 | 80 | 290 |
| 13:10 | 8.2  | 879 | 541 | 704 | 747 | 829 | -0.3 | 0.2 | 81 | 290 |
| 13:15 | 8.3  | 876 | 540 | 694 | 739 | 821 | -0.4 | 0.2 | 79 | 290 |
| 13:20 | 7.6  | 881 | 540 | 695 | 743 | 825 | -0.4 | 0.2 | 79 | 290 |
| 14:00 | 7.7  | 884 | 541 | 695 | 743 | 828 | -0.4 | 0.2 | 79 | 290 |
| 14:15 | 7.0  | 882 | 541 | 696 | 744 | 827 | -0.4 | 0.1 | 78 | 290 |
| 14:30 | 8.1  | 877 | 540 | 695 | 743 | 827 | -0.2 | 0.2 | 78 | 290 |
| 14:45 | 8.3  | 884 | 541 | 685 | 735 | 817 | -1.6 | 0.1 | 57 | 290 |
| 15:00 | 8.4  | 884 | 535 | 628 | 679 | 764 | -0.5 | 0.1 | 54 | 290 |
| 15:15 | 8.3  | 864 | 538 | 624 | 685 | 763 | -0.3 | 0.1 | 54 | 290 |
| 15:30 | 8.3  | 876 | 532 | 631 | 692 | 768 | -0.5 | 0.1 | 54 | 290 |
| 15:45 | 7.2  | 828 | 534 | 640 | 705 | 782 | -0.5 | 0.1 | 57 | 291 |
| 16:00 | 8.4  | 824 | 533 | 650 | 718 | 796 | -0.7 | 0.1 | 57 | 290 |
| 16:15 | 8.6  | 811 | 532 | 633 | 722 | 788 | -0.8 | 0.1 | 57 | 291 |
| 16:30 | 7.5  | 805 | 531 | 637 | 725 | 800 | -0.8 | 0.1 | 54 | 291 |
| 16:45 | 11.2 | 832 | 529 | 655 | 723 | 795 | -0.3 | 0.1 | 54 | 291 |
| 17:00 | 14.0 | 881 | 528 | 638 | 725 | 792 | -0.5 | 0.1 | 54 | 291 |
| 17:15 | 14.3 | 875 | 527 | 667 | 725 | 792 | -0.5 | 0.1 | 51 | 291 |
| 17:30 | 15.5 | 873 | 527 | 668 | 723 | 772 | -0.5 | 0.1 | 51 | 292 |
| 17:45 | 15.5 | 873 | 527 | 667 | 720 | 765 | -0.5 | 0.1 | 51 | 292 |
| 18:00 | 15.5 | 871 | 527 | 666 | 718 | 760 | -0.5 | 0.1 | 51 | 292 |
| 18:15 | 15.6 | 871 | 527 | 666 | 716 | 757 | -0.5 | 0.1 | 51 | 292 |
| 18:30 | 15.5 | 872 | 527 | 666 | 715 | 754 | -0.5 | 0.1 | 51 | 291 |
| 18:45 | 15.0 | 874 | 527 | 664 | 715 | 757 | -0.5 | 0.1 | 51 | 292 |
| 19:00 | 15.0 | 874 | 527 | 661 | 715 | 759 | -0.5 | 0.1 | 53 | 291 |
| 19:15 | 15.0 | 874 | 527 | 661 | 714 | 753 | -0.5 | 0.1 | 53 | 292 |
| 19:30 | 14.9 | 874 | 527 | 663 | 715 | 759 | -0.5 | 0.1 | 51 | 292 |
| 19:45 | 8.0  | 853 | 530 | 687 | 742 | 795 | 0.1  | 0.2 | 73 | 292 |
| 20:00 | 8.5  | 843 | 532 | 705 | 781 | 852 | -0.6 | 0.2 | 71 | 291 |
| 20:15 | 7.8  | 860 | 533 | 692 | 747 | 817 | -0.1 | 0.2 | 73 | 291 |
| 20:30 | 7.2  | 882 | 540 | 634 | 754 | 836 | -0.2 | 0.2 | 75 | 291 |
| 20:45 | 7.6  | 879 | 541 | 622 | 755 | 837 | -0.4 | 0.2 | 76 | 291 |
| 21:00 | 7.6  | 881 | 541 | 703 | 757 | 836 | -0.3 | 0.2 | 76 | 291 |
| 21:15 | 8.8  | 890 | 542 | 703 | 755 | 839 | -0.2 | 0.2 | 78 | 290 |
| 21:30 | 8.2  | 883 | 541 | 696 | 748 | 826 | -0.6 | 0.2 | 76 | 290 |
| 21:45 | 8.2  | 888 | 541 | 697 | 746 | 826 | -0.3 | 0.2 | 76 | 290 |
| 22:00 | 8.3  | 879 | 541 | 695 | 746 | 823 | -0.4 | 0.2 | 75 | 290 |
| 22:15 | 8.3  | 882 | 541 | 637 | 745 | 826 | -0.3 | 0.2 | 75 | 290 |
| 22:30 | 7.6  | 884 | 541 | 639 | 748 | 827 | -0.1 | 0.2 | 76 | 290 |
| 22:45 | 7.4  | 882 | 541 | 695 | 746 | 822 | -0.2 | 0.2 | 76 | 290 |
| 23:00 | 7.1  | 874 | 540 | 638 | 744 | 825 | -0.1 | 0.2 | 76 | 290 |
| 23:15 | 7.7  | 882 | 541 | 638 | 746 | 828 | -0.1 | 0.2 | 76 | 290 |
| 23:30 | 7.6  | 873 | 540 | 701 | 747 | 828 | -0.3 | 0.2 | 79 | 290 |
| 23:45 | 8.0  | 885 | 541 | 708 | 752 | 834 | -0.1 | 0.2 | 82 | 290 |
| 00:00 | 8.2  | 885 | 542 | 708 | 751 | 832 | 0.1  | 0.2 | 82 | 290 |

|     |       |        |        |        |        |        |       |      |       |        |
|-----|-------|--------|--------|--------|--------|--------|-------|------|-------|--------|
| MIN | 2.30  | 871.00 | 527.00 | 624.00 | 679.00 | 754.00 | -1.64 | 0.06 | 50.56 | 289.00 |
| MAX | 15.61 | 886.00 | 542.00 | 708.00 | 791.00 | 853.00 | 0.29  | 0.27 | 88.13 | 292.00 |
| AVE | 8.51  |        | 538.16 |        | 729.47 |        | -0.33 |      | 73.27 |        |
|     |       | 861.93 |        | 666.35 |        | 817.94 |       | 0.12 |       | 290.06 |

- 1 TIR-05041 FURNACE SIDEMALL TEMP
- 2 TIR-06016 FURNACE ROOF TEMP
- 3 TIR-06086 END 1992 EXIT TEMP
- 4 TIR-06108 SEC 3/4 INLET TEMP
- 5 TIR-06151 1/2 BAR INLET TEMP
- 6 TIR-06178 ECON INLET TEMP
- 7 TIR-06191 ECON EXIT TEMP
- 8 TIR-05154 UNHEATED COMB AIR TEMP
- 9 TIR-05098 OFA HTR OUTLET TEMP
- 10 TIR-05138 OFA HTR OUTLET TEMP

TIME

| TIME  | 1    | 2    | 3    | 4    | 5   | 6   | 7   | 8  | 9   | 10  |
|-------|------|------|------|------|-----|-----|-----|----|-----|-----|
| 00:15 | 1506 | 1532 | 1262 | 1126 | 842 | 789 | 461 | 80 | 317 | 95  |
| 00:30 | 1592 | 1544 | 1262 | 1112 | 836 | 779 | 462 | 80 | 317 | 95  |
| 00:45 | 1566 | 1544 | 1254 | 1092 | 825 | 771 | 460 | 80 | 317 | 95  |
| 01:00 | 1572 | 1539 | 1262 | 1082 | 821 | 769 | 460 | 80 | 318 | 95  |
| 01:15 | 1570 | 1542 | 1260 | 1100 | 829 | 774 | 462 | 80 | 317 | 95  |
| 01:30 | 1564 | 1552 | 1278 | 1104 | 825 | 772 | 462 | 80 | 316 | 94  |
| 01:45 | 1566 | 1542 | 1278 | 1102 | 813 | 769 | 459 | 80 | 313 | 94  |
| 02:00 | 1598 | 1546 | 1289 | 1104 | 811 | 759 | 459 | 79 | 314 | 94  |
| 02:15 | 1596 | 1549 | 1292 | 1098 | 810 | 751 | 444 | 79 | 318 | 94  |
| 02:30 | 1602 | 1594 | 1288 | 1106 | 811 | 756 | 442 | 79 | 319 | 94  |
| 02:45 | 1614 | 1620 | 1296 | 1114 | 819 | 758 | 440 | 79 | 320 | 93  |
| 03:00 | 1626 | 1596 | 1296 | 1110 | 812 | 757 | 439 | 79 | 319 | 93  |
| 03:15 | 1618 | 1606 | 1296 | 1110 | 812 | 751 | 438 | 78 | 318 | 93  |
| 03:30 | 1622 | 1616 | 1302 | 1114 | 816 | 760 | 441 | 79 | 319 | 92  |
| 03:45 | 1592 | 1594 | 1292 | 1110 | 814 | 761 | 440 | 79 | 319 | 93  |
| 04:00 | 1570 | 1574 | 1284 | 1102 | 821 | 762 | 448 | 78 | 317 | 92  |
| 04:15 | 1608 | 1564 | 1290 | 1110 | 826 | 770 | 450 | 79 | 318 | 92  |
| 04:30 | 1618 | 1558 | 1286 | 1106 | 819 | 759 | 444 | 78 | 313 | 93  |
| 04:45 | 1610 | 1576 | 1290 | 1110 | 819 | 758 | 442 | 79 | 319 | 93  |
| 05:00 | 1604 | 1568 | 1282 | 1106 | 813 | 758 | 443 | 79 | 317 | 93  |
| 05:15 | 1604 | 1556 | 1286 | 1112 | 817 | 762 | 447 | 79 | 318 | 93  |
| 05:30 | 1630 | 1578 | 1290 | 1116 | 816 | 761 | 444 | 79 | 318 | 93  |
| 05:45 | 1632 | 1588 | 1294 | 1114 | 815 | 761 | 443 | 79 | 319 | 93  |
| 06:00 | 1600 | 1579 | 1292 | 1114 | 812 | 761 | 444 | 79 | 319 | 92  |
| 06:15 | 1616 | 1572 | 1290 | 1112 | 819 | 760 | 440 | 79 | 313 | 93  |
| 06:30 | 1550 | 1526 | 1270 | 1094 | 812 | 754 | 442 | 77 | 312 | 93  |
| 06:45 | 1624 | 1582 | 1288 | 1118 | 822 | 764 | 447 | 79 | 319 | 93  |
| 07:00 | 1626 | 1578 | 1286 | 1112 | 815 | 762 | 444 | 80 | 320 | 93  |
| 07:15 | 1620 | 1566 | 1290 | 1112 | 818 | 760 | 440 | 80 | 320 | 94  |
| 07:30 | 1598 | 1578 | 1290 | 1116 | 821 | 764 | 446 | 80 | 318 | 94  |
| 07:45 | 1502 | 1514 | 1254 | 1080 | 802 | 752 | 444 | 80 | 314 | 94  |
| 08:00 | 1598 | 1570 | 1278 | 1114 | 820 | 764 | 451 | 80 | 318 | 94  |
| 08:15 | 1622 | 1554 | 1282 | 1114 | 820 | 763 | 446 | 81 | 318 | 94  |
| 08:30 | 1626 | 1561 | 1264 | 1108 | 820 | 761 | 450 | 81 | 316 | 96  |
| 08:45 | 1640 | 1578 | 1284 | 1130 | 830 | 772 | 452 | 82 | 321 | 96  |
| 09:00 | 1576 | 1518 | 1264 | 1092 | 817 | 760 | 448 | 83 | 317 | 97  |
| 09:15 | 1550 | 1504 | 1282 | 1120 | 827 | 768 | 450 | 84 | 319 | 98  |
| 09:30 | 1670 | 1608 | 1292 | 1138 | 839 | 772 | 450 | 85 | 320 | 99  |
| 09:45 | 1642 | 1608 | 1292 | 1130 | 828 | 771 | 448 | 85 | 320 | 100 |
| 10:00 | 1626 | 1600 | 1288 | 1132 | 831 | 772 | 452 | 86 | 321 | 100 |
| 10:15 | 1626 | 1594 | 1282 | 1122 | 828 | 768 | 448 | 86 | 320 | 100 |
| 10:30 | 1676 | 1617 | 1290 | 1128 | 826 | 769 | 448 | 87 | 320 | 101 |
| 10:45 | 1664 | 1604 | 1294 | 1128 | 826 | 769 | 448 | 87 | 313 | 101 |
| 11:00 | 1640 | 1614 | 1282 | 1122 | 821 | 767 | 448 | 82 | 315 | 102 |
| 11:15 | 1618 | 1592 | 1278 | 1106 | 820 | 762 | 446 | 89 | 317 | 102 |
| 11:30 | 1626 | 1610 | 1294 | 1128 | 828 | 772 | 451 | 90 | 320 | 102 |



|       |      |      |      |      |      |     |     |    |     |     |
|-------|------|------|------|------|------|-----|-----|----|-----|-----|
| 12:43 | 1528 | 1578 | 1285 | 1132 | 841  | 785 | 455 | 91 | 320 | 105 |
| 13:00 | 1534 | 1584 | 1296 | 1140 | 850  | 792 | 460 | 92 | 320 | 106 |
| 13:15 | 1540 | 1590 | 1304 | 1148 | 860  | 798 | 465 | 93 | 320 | 107 |
| 13:30 | 1546 | 1596 | 1312 | 1156 | 865  | 804 | 468 | 93 | 319 | 108 |
| 13:45 | 1550 | 1600 | 1320 | 1160 | 870  | 808 | 470 | 93 | 321 | 107 |
| 14:00 | 1554 | 1604 | 1328 | 1168 | 875  | 812 | 472 | 92 | 322 | 108 |
| 14:15 | 1558 | 1608 | 1336 | 1176 | 880  | 816 | 474 | 93 | 321 | 107 |
| 14:30 | 1562 | 1612 | 1344 | 1184 | 885  | 820 | 476 | 94 | 321 | 108 |
| 14:45 | 1566 | 1616 | 1352 | 1192 | 890  | 824 | 478 | 94 | 321 | 108 |
| 15:00 | 1570 | 1620 | 1360 | 1200 | 895  | 828 | 480 | 95 | 315 | 109 |
| 15:15 | 1574 | 1624 | 1368 | 1208 | 900  | 832 | 482 | 94 | 312 | 108 |
| 15:30 | 1578 | 1628 | 1376 | 1216 | 905  | 836 | 484 | 94 | 311 | 107 |
| 15:45 | 1582 | 1632 | 1384 | 1224 | 910  | 840 | 486 | 92 | 319 | 106 |
| 16:00 | 1586 | 1636 | 1392 | 1232 | 915  | 844 | 488 | 91 | 320 | 106 |
| 16:15 | 1590 | 1640 | 1400 | 1240 | 920  | 848 | 490 | 90 | 320 | 106 |
| 16:30 | 1594 | 1644 | 1408 | 1248 | 925  | 852 | 492 | 89 | 320 | 106 |
| 16:45 | 1598 | 1648 | 1416 | 1256 | 930  | 856 | 494 | 89 | 320 | 106 |
| 17:00 | 1602 | 1652 | 1424 | 1264 | 935  | 860 | 496 | 88 | 320 | 106 |
| 17:15 | 1606 | 1656 | 1432 | 1272 | 940  | 864 | 498 | 88 | 320 | 106 |
| 17:30 | 1610 | 1660 | 1440 | 1280 | 945  | 868 | 500 | 87 | 320 | 106 |
| 17:45 | 1614 | 1664 | 1448 | 1288 | 950  | 872 | 502 | 87 | 320 | 106 |
| 18:00 | 1618 | 1668 | 1456 | 1296 | 955  | 876 | 504 | 86 | 320 | 106 |
| 18:15 | 1622 | 1672 | 1464 | 1304 | 960  | 880 | 506 | 85 | 320 | 106 |
| 18:30 | 1626 | 1676 | 1472 | 1312 | 965  | 884 | 508 | 85 | 320 | 106 |
| 18:45 | 1630 | 1680 | 1480 | 1320 | 970  | 888 | 510 | 85 | 320 | 106 |
| 19:00 | 1634 | 1684 | 1488 | 1328 | 975  | 892 | 512 | 84 | 320 | 106 |
| 19:15 | 1638 | 1688 | 1496 | 1336 | 980  | 896 | 514 | 84 | 320 | 106 |
| 19:30 | 1642 | 1692 | 1504 | 1344 | 985  | 900 | 516 | 83 | 319 | 106 |
| 19:45 | 1646 | 1696 | 1512 | 1352 | 990  | 904 | 518 | 83 | 319 | 106 |
| 20:00 | 1650 | 1700 | 1520 | 1360 | 995  | 908 | 520 | 82 | 319 | 106 |
| 20:15 | 1654 | 1704 | 1528 | 1368 | 1000 | 912 | 522 | 82 | 319 | 106 |
| 20:30 | 1658 | 1708 | 1536 | 1376 | 1005 | 916 | 524 | 81 | 319 | 106 |
| 20:45 | 1662 | 1712 | 1544 | 1384 | 1010 | 920 | 526 | 81 | 319 | 106 |
| 21:00 | 1666 | 1716 | 1552 | 1392 | 1015 | 924 | 528 | 80 | 319 | 106 |
| 21:15 | 1670 | 1720 | 1560 | 1400 | 1020 | 928 | 530 | 80 | 319 | 106 |
| 21:30 | 1674 | 1724 | 1568 | 1408 | 1025 | 932 | 532 | 80 | 319 | 106 |
| 21:45 | 1678 | 1728 | 1576 | 1416 | 1030 | 936 | 534 | 80 | 319 | 106 |
| 22:00 | 1682 | 1732 | 1584 | 1424 | 1035 | 940 | 536 | 80 | 319 | 106 |
| 22:15 | 1686 | 1736 | 1592 | 1432 | 1040 | 944 | 538 | 80 | 319 | 106 |
| 22:30 | 1690 | 1740 | 1600 | 1440 | 1045 | 948 | 540 | 80 | 319 | 106 |
| 22:45 | 1694 | 1744 | 1608 | 1448 | 1050 | 952 | 542 | 80 | 319 | 106 |
| 23:00 | 1698 | 1748 | 1616 | 1456 | 1055 | 956 | 544 | 80 | 319 | 106 |
| 23:15 | 1702 | 1752 | 1624 | 1464 | 1060 | 960 | 546 | 80 | 319 | 106 |
| 23:30 | 1706 | 1756 | 1632 | 1472 | 1065 | 964 | 548 | 80 | 319 | 106 |
| 23:45 | 1710 | 1760 | 1640 | 1480 | 1070 | 968 | 550 | 80 | 319 | 106 |
| 24:00 | 1714 | 1764 | 1648 | 1488 | 1075 | 972 | 552 | 80 | 319 | 106 |

|     |         |         |         |         |        |        |        |       |        |        |
|-----|---------|---------|---------|---------|--------|--------|--------|-------|--------|--------|
| NIM | 1502.00 | 1500.00 | 1254.00 | 1080.00 | 808.00 | 792.00 | 487.50 | 76.25 | 310.50 | 92.88  |
| BAK | 1580.00 | 1620.00 | 1320.00 | 1142.00 | 558.00 | 792.00 | 485.50 | 95.13 | 323.50 | 109.00 |
| 408 | 1624.92 |         | 1382.00 |         | 825.75 |        | 449.32 |       | 319.60 |        |
|     |         | 1578.48 |         | 1118.25 |        | 767.28 |        | 84.04 |        | 96.22  |

- 1 91-40036 EXCESS OXYGEN
- 2 PIR-00079 STEAM DRUM PSIG
- 3 TIR-01026 F11-5/8 STM IN
- 4 TIR-01098 F11-5/8 STM OUT
- 5 TIR-01078 F11-5/8 STM IN
- 6 TIR-01056 F11-5/8 STM OUT
- 7 PIR-00036 FURN PRESS
- 8 PDIR-00058 5/8 DIFF PRESS
- 9 TIR-05048 10 FAN AMPS
- 10 TIR-05288 ECOND WATER INLET

TIME

|       | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9  | 10  |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 00:15 | 8.1 | 974 | 539 | 724 | 742 | 832 | -0.2 | 1.4 | 82 | 284 |
| 00:30 | 8.5 | 977 | 540 | 717 | 735 | 825 | -0.1 | 1.1 | 81 | 285 |
| 00:45 | 7.6 | 978 | 540 | 709 | 726 | 816 | -0.2 | 1.0 | 79 | 285 |
| 01:00 | 7.1 | 975 | 539 | 703 | 721 | 819 | -0.4 | 1.3 | 82 | 284 |
| 01:15 | 8.1 | 982 | 540 | 709 | 730 | 823 | -0.4 | 1.0 | 85 | 285 |
| 01:30 | 7.3 | 977 | 540 | 703 | 733 | 833 | -0.3 | 1.1 | 82 | 284 |
| 01:45 | 7.6 | 975 | 540 | 702 | 733 | 830 | -0.2 | 1.1 | 82 | 284 |
| 02:00 | 7.6 | 972 | 540 | 702 | 735 | 829 | -0.4 | 1.3 | 78 | 284 |
| 02:15 | 7.6 | 974 | 539 | 701 | 734 | 828 | -0.3 | 1.4 | 79 | 285 |
| 02:30 | 8.0 | 979 | 540 | 698 | 733 | 827 | -0.4 | 1.5 | 73 | 284 |
| 02:45 | 7.1 | 982 | 540 | 698 | 735 | 823 | -0.4 | 1.6 | 74 | 285 |
| 03:00 | 7.5 | 973 | 540 | 697 | 734 | 829 | -0.3 | 1.7 | 73 | 283 |
| 03:15 | 8.5 | 989 | 541 | 698 | 734 | 827 | -0.3 | 1.5 | 74 | 285 |
| 03:30 | 7.7 | 981 | 540 | 699 | 732 | 829 | -0.4 | 1.7 | 73 | 285 |
| 03:45 | 8.5 | 978 | 540 | 703 | 737 | 830 | -0.3 | 1.6 | 75 | 285 |
| 04:00 | 7.5 | 975 | 539 | 703 | 740 | 831 | -0.1 | 1.6 | 79 | 285 |
| 04:15 | 8.0 | 984 | 540 | 711 | 741 | 830 | -0.6 | 1.7 | 78 | 285 |
| 04:30 | 7.3 | 978 | 540 | 694 | 735 | 822 | -0.3 | 1.6 | 74 | 283 |
| 04:45 | 7.8 | 977 | 540 | 697 | 731 | 823 | -0.2 | 1.4 | 73 | 285 |
| 05:00 | 7.5 | 974 | 540 | 701 | 733 | 826 | -0.5 | 1.4 | 73 | 285 |
| 05:15 | 7.7 | 973 | 540 | 703 | 736 | 830 | -0.4 | 1.5 | 75 | 285 |
| 05:30 | 7.3 | 981 | 541 | 702 | 735 | 828 | -0.2 | 1.5 | 74 | 285 |
| 05:45 | 8.1 | 977 | 540 | 700 | 734 | 826 | -0.3 | 1.5 | 74 | 285 |
| 06:00 | 7.4 | 973 | 540 | 702 | 732 | 828 | -0.4 | 1.4 | 74 | 285 |
| 06:15 | 7.4 | 979 | 540 | 701 | 731 | 823 | -0.3 | 1.5 | 76 | 285 |
| 06:30 | 7.1 | 982 | 539 | 703 | 734 | 821 | -0.1 | 1.5 | 73 | 285 |
| 06:45 | 7.8 | 983 | 540 | 704 | 731 | 830 | -0.4 | 1.6 | 75 | 285 |
| 07:00 | 8.2 | 974 | 540 | 700 | 734 | 826 | -0.2 | 1.5 | 73 | 285 |
| 07:15 | 7.8 | 974 | 539 | 700 | 734 | 827 | -0.1 | 1.3 | 73 | 285 |
| 07:30 | 7.8 | 977 | 540 | 704 | 735 | 823 | -0.3 | 1.2 | 75 | 285 |
| 07:45 | 8.3 | 956 | 537 | 710 | 731 | 822 | -0.2 | 1.1 | 75 | 285 |
| 08:00 | 8.0 | 977 | 540 | 704 | 733 | 830 | -0.2 | 0.9 | 73 | 285 |
| 08:15 | 8.0 | 971 | 539 | 702 | 734 | 827 | -0.5 | 0.3 | 74 | 285 |
| 08:30 | 5.8 | 978 | 540 | 712 | 733 | 830 | -0.3 | 0.7 | 76 | 285 |
| 08:45 | 7.5 | 982 | 541 | 702 | 740 | 833 | -0.3 | 0.6 | 75 | 285 |
| 09:00 | 7.9 | 956 | 537 | 708 | 733 | 824 | -0.3 | 0.2 | 75 | 285 |
| 09:15 | 6.9 | 984 | 541 | 704 | 735 | 828 | -0.2 | 0.7 | 75 | 285 |
| 09:30 | 6.6 | 982 | 541 | 702 | 737 | 830 | -0.2 | 0.7 | 75 | 285 |
| 09:45 | 7.4 | 973 | 540 | 704 | 735 | 823 | -0.3 | 0.8 | 75 | 285 |
| 10:00 | 7.3 | 973 | 540 | 711 | 735 | 830 | -0.2 | 0.7 | 75 | 285 |
| 10:15 | 7.1 | 977 | 539 | 702 | 734 | 826 | -0.5 | 0.3 | 75 | 285 |
| 10:30 | 7.7 | 982 | 541 | 703 | 732 | 823 | -0.1 | 0.6 | 73 | 285 |
| 10:45 | 8.0 | 973 | 540 | 701 | 732 | 823 | -0.2 | 0.7 | 73 | 285 |
| 11:00 | 7.6 | 977 | 540 | 703 | 734 | 823 | -0.2 | 0.7 | 73 | 285 |
| 11:15 | 7.6 | 962 | 538 | 704 | 734 | 826 | -0.3 | 0.7 | 73 | 284 |
| 11:30 | 8.0 | 982 | 541 | 704 | 734 | 823 | -0.3 | 0.7 | 74 | 284 |

|       |     |     |     |     |     |     |      |     |    |     |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 12:30 | 8.1 | 872 | 540 | 719 | 736 | 822 | -0.2 | 0.7 | 78 | 285 |
| 12:45 | 7.2 | 878 | 540 | 729 | 743 | 835 | -0.3 | 0.3 | 81 | 285 |
| 12:50 | 8.4 | 882 | 540 | 729 | 743 | 832 | -0.1 | 0.9 | 81 | 285 |
| 13:15 | 8.0 | 874 | 539 | 723 | 743 | 832 | -0.1 | 0.9 | 79 | 285 |
| 13:30 | 7.5 | 878 | 539 | 722 | 748 | 830 | -0.4 | 0.6 | 79 | 285 |
| 13:45 | 7.9 | 877 | 540 | 721 | 756 | 826 | -0.2 | 0.7 | 79 | 285 |
| 14:00 | 8.1 | 880 | 540 | 722 | 759 | 836 | -0.2 | 0.8 | 79 | 285 |
| 14:15 | 7.6 | 882 | 540 | 719 | 749 | 828 | -0.4 | 0.8 | 80 | 285 |
| 14:30 | 8.2 | 878 | 538 | 720 | 750 | 826 | -0.1 | 0.5 | 81 | 285 |
| 14:45 | 8.0 | 875 | 539 | 726 | 751 | 827 | -0.1 | 0.7 | 78 | 285 |
| 15:00 | 8.5 | 876 | 539 | 729 | 747 | 825 | -0.4 | 1.1 | 78 | 284 |
| 15:15 | 8.0 | 874 | 539 | 712 | 741 | 821 | -0.9 | 0.8 | 75 | 284 |
| 15:30 | 7.2 | 867 | 538 | 705 | 734 | 816 | -0.4 | 0.7 | 75 | 284 |
| 15:45 | 8.3 | 875 | 539 | 698 | 734 | 821 | -0.3 | 0.9 | 73 | 286 |
| 16:00 | 8.2 | 877 | 539 | 693 | 733 | 822 | -0.3 | 1.7 | 73 | 285 |
| 16:15 | 8.2 | 878 | 539 | 693 | 736 | 823 | -0.5 | 2.4 | 73 | 286 |
| 16:30 | 7.2 | 872 | 538 | 692 | 744 | 832 | -0.2 | 2.1 | 73 | 286 |
| 16:45 | 8.3 | 874 | 539 | 701 | 751 | 834 | -0.2 | 1.8 | 75 | 286 |
| 17:00 | 7.9 | 870 | 538 | 702 | 753 | 833 | -0.2 | 2.1 | 73 | 286 |
| 17:15 | 8.2 | 869 | 539 | 701 | 751 | 830 | -0.6 | 1.6 | 73 | 285 |
| 17:30 | 7.7 | 871 | 539 | 702 | 750 | 825 | -0.4 | 2.9 | 73 | 287 |
| 17:45 | 7.6 | 870 | 538 | 703 | 752 | 824 | -0.3 | 2.2 | 73 | 287 |
| 18:00 | 8.1 | 874 | 539 | 700 | 750 | 828 | -0.3 | 1.8 | 72 | 287 |
| 18:15 | 7.1 | 876 | 539 | 701 | 751 | 828 | -0.5 | 2.0 | 73 | 287 |
| 18:30 | 8.1 | 874 | 540 | 700 | 750 | 828 | -0.2 | 1.9 | 71 | 286 |
| 18:45 | 7.8 | 875 | 539 | 701 | 750 | 828 | -0.2 | 1.5 | 73 | 287 |
| 19:00 | 7.8 | 875 | 539 | 705 | 751 | 829 | -0.5 | 1.6 | 73 | 286 |
| 19:15 | 7.3 | 872 | 538 | 706 | 752 | 828 | -0.4 | 1.4 | 73 | 287 |
| 19:30 | 7.7 | 875 | 540 | 704 | 751 | 828 | -0.1 | 1.4 | 73 | 287 |
| 19:45 | 7.5 | 875 | 539 | 703 | 753 | 828 | -0.3 | 1.5 | 73 | 287 |
| 20:00 | 8.3 | 881 | 540 | 703 | 753 | 834 | -0.2 | 1.4 | 73 | 286 |
| 20:15 | 7.5 | 880 | 540 | 706 | 754 | 832 | -0.5 | 1.6 | 73 | 286 |
| 20:30 | 7.4 | 878 | 540 | 707 | 754 | 831 | -0.2 | 1.8 | 73 | 286 |
| 20:45 | 8.0 | 878 | 540 | 709 | 756 | 830 | -0.4 | 2.1 | 73 | 285 |
| 21:00 | 7.7 | 877 | 540 | 701 | 751 | 826 | -0.4 | 2.2 | 73 | 285 |
| 21:15 | 7.5 | 878 | 540 | 704 | 751 | 826 | -0.2 | 1.9 | 73 | 285 |
| 21:30 | 8.1 | 874 | 540 | 704 | 753 | 828 | -0.3 | 2.0 | 73 | 285 |
| 21:45 | 7.3 | 873 | 540 | 707 | 753 | 829 | -0.3 | 1.9 | 73 | 285 |
| 22:00 | 7.6 | 877 | 540 | 703 | 752 | 828 | -0.2 | 1.9 | 73 | 285 |
| 22:15 | 7.6 | 873 | 540 | 710 | 752 | 828 | -0.5 | 2.0 | 74 | 285 |
| 22:30 | 7.5 | 879 | 540 | 709 | 750 | 826 | -0.2 | 1.7 | 73 | 285 |
| 22:45 | 7.7 | 883 | 541 | 707 | 752 | 829 | -0.4 | 1.8 | 75 | 286 |
| 23:00 | 7.6 | 878 | 540 | 703 | 751 | 828 | -0.4 | 1.9 | 73 | 285 |
| 23:15 | 7.2 | 875 | 540 | 703 | 750 | 827 | -0.1 | 1.8 | 73 | 285 |
| 23:30 | 7.9 | 880 | 540 | 708 | 750 | 826 | -0.2 | 1.9 | 73 | 285 |
| 23:45 | 7.3 | 876 | 540 | 712 | 752 | 829 | -0.3 | 1.9 | 75 | 285 |
| 00:00 | 7.3 | 882 | 541 | 713 | 755 | 831 | -0.3 | 1.8 | 75 | 285 |

|     |      |        |        |        |        |        |       |      |       |        |
|-----|------|--------|--------|--------|--------|--------|-------|------|-------|--------|
| MIN | 5.77 | 856.00 | 537.00 | 692.00 | 720.00 | 816.00 | -0.60 | 0.53 | 71.25 | 284.00 |
| MAX | 8.00 | 886.00 | 541.00 | 724.00 | 758.00 | 835.00 | -0.00 | 2.27 | 85.25 | 287.00 |
| Avg | 7.66 |        | 539.66 |        | 741.81 |        | -0.36 |      | 75.01 |        |
|     |      | 876.50 |        | 706.41 |        | 222.02 |       | 1.33 |       | 284.97 |

10:20:02 20-JUN-2001 WEDNESDAY DMSL PERFORMANCE PROFILE #1 LOG 01

| TIME  | STEAM FLOW | FEED FLOW | DRUM LEVEL | FW TEMP | FW PRESS | BD4 TEMP | BD4 PRESS | OP4 FLOW | OP4 PRESS | OP4 FLOW | OP4 PRESS |
|-------|------------|-----------|------------|---------|----------|----------|-----------|----------|-----------|----------|-----------|
| 00:15 | 140        | 123       | 2          | 291     | 978      | 280      | 29        | 29       | 17        | 18       |           |
| 00:30 | 138        | 124       | -2         | 291     | 982      | 289      | 24        | 27       | 12        | 19       |           |
| 00:45 | 134        | 121       | 0          | 291     | 992      | 294      | 27        | 30       | 17        | 19       |           |
| 01:00 | 136        | 122       | 0          | 290     | 1013     | 289      | 27        | 31       | 12        | 19       |           |
| 01:15 | 137        | 127       | -0         | 290     | 1021     | 287      | 29        | 32       | 19        | 19       |           |
| 01:30 | 135        | 120       | -1         | 290     | 1022     | 283      | 28        | 32       | 12        | 19       |           |
| 01:45 | 133        | 123       | 0          | 290     | 1025     | 287      | 30        | 32       | 17        | 19       |           |
| 02:00 | 138        | 121       | -1         | 290     | 1024     | 290      | 28        | 32       | 12        | 19       |           |
| 02:15 | 135        | 122       | -1         | 290     | 1018     | 289      | 28        | 32       | 18        | 19       |           |
| 02:30 | 131        | 123       | -0         | 290     | 1014     | 278      | 28        | 32       | 18        | 19       |           |
| 02:45 | 129        | 122       | -0         | 290     | 1023     | 289      | 29        | 33       | 17        | 19       |           |
| 03:00 | 128        | 122       | -0         | 290     | 1024     | 286      | 29        | 33       | 12        | 19       |           |
| 03:15 | 125        | 120       | -1         | 290     | 1025     | 289      | 29        | 33       | 19        | 19       |           |
| 03:30 | 122        | 124       | 0          | 290     | 1025     | 280      | 28        | 33       | 13        | 19       |           |
| 03:45 | 120        | 122       | -1         | 290     | 1024     | 287      | 30        | 32       | 17        | 19       |           |
| 04:00 | 121        | 124       | -1         | 290     | 1028     | 285      | 29        | 32       | 12        | 19       |           |
| 04:15 | 125        | 123       | -1         | 290     | 1024     | 285      | 28        | 32       | 12        | 19       |           |
| 04:30 | 120        | 122       | -1         | 290     | 1023     | 285      | 28        | 33       | 12        | 19       |           |
| 04:45 | 123        | 123       | -1         | 290     | 1024     | 284      | 30        | 33       | 17        | 19       |           |
| 05:00 | 122        | 122       | -1         | 290     | 1024     | 283      | 28        | 32       | 12        | 19       |           |
| 05:15 | 124        | 122       | -0         | 290     | 1030     | 287      | 28        | 33       | 12        | 19       |           |
| 05:30 | 127        | 122       | -1         | 290     | 1022     | 283      | 28        | 32       | 13        | 19       |           |
| 05:45 | 120        | 121       | -0         | 290     | 1024     | 287      | 28        | 33       | 18        | 19       |           |
| 06:00 | 120        | 122       | -1         | 290     | 1024     | 282      | 29        | 33       | 12        | 19       |           |
| 06:15 | 122        | 122       | -1         | 290     | 1024     | 283      | 30        | 32       | 17        | 19       |           |
| 06:30 | 120        | 122       | -1         | 290     | 1024     | 282      | 29        | 32       | 12        | 19       |           |
| 06:45 | 123        | 122       | -1         | 290     | 1015     | 287      | 29        | 32       | 12        | 19       |           |
| 07:00 | 120        | 124       | -0         | 290     | 1022     | 285      | 28        | 32       | 12        | 19       |           |
| 07:15 | 125        | 120       | -1         | 290     | 1012     | 283      | 29        | 32       | 17        | 19       |           |
| 07:30 | 122        | 122       | -1         | 290     | 1024     | 286      | 29        | 33       | 12        | 19       |           |
| 07:45 | 123        | 122       | -1         | 289     | 1022     | 282      | 28        | 32       | 12        | 19       |           |
| 08:00 | 122        | 120       | -1         | 290     | 1023     | 282      | 29        | 33       | 12        | 19       |           |
| 08:15 | 126        | 122       | -1         | 290     | 1019     | 282      | 29        | 32       | 17        | 19       |           |
| 08:30 | 124        | 122       | 0          | 290     | 1022     | 283      | 28        | 33       | 12        | 19       |           |
| 08:45 | 127        | 121       | -1         | 290     | 1022     | 285      | 28        | 33       | 12        | 19       |           |
| 09:00 | 124        | 122       | -1         | 290     | 1018     | 287      | 28        | 32       | 13        | 19       |           |
| 09:15 | 120        | 121       | -1         | 290     | 1024     | 281      | 28        | 33       | 12        | 19       |           |
| 09:30 | 120        | 122       | -1         | 290     | 1026     | 282      | 28        | 32       | 12        | 19       |           |
| 09:45 | 123        | 124       | -0         | 290     | 1030     | 281      | 28        | 33       | 12        | 19       |           |
| 10:00 | 125        | 122       | -1         | 290     | 1021     | 281      | 29        | 32       | 12        | 19       |           |
| 10:15 | 121        | 120       | -0         | 290     | 1028     | 284      | 28        | 32       | 12        | 19       |           |
| 10:30 | 123        | 122       | -1         | 290     | 1012     | 285      | 28        | 32       | 12        | 19       |           |
| 10:45 | 122        | 120       | -1         | 290     | 1023     | 287      | 28        | 33       | 12        | 19       |           |
| 11:00 | 122        | 122       | -1         | 290     | 1022     | 286      | 28        | 33       | 12        | 19       |           |
| 11:15 | 122        | 120       | -0         | 290     | 1023     | 286      | 28        | 32       | 12        | 19       |           |
| 11:30 | 122        | 120       | -1         | 290     | 1019     | 287      | 28        | 32       | 12        | 19       |           |
| 11:45 | 123        | 122       | -1         | 290     | 1014     | 287      | 29        | 32       | 12        | 19       |           |
| 12:00 | 122        | 124       | -0         | 290     | 1028     | 289      | 28        | 33       | 12        | 19       |           |
| 12:15 | 122        | 122       | -1         | 290     | 1022     | 281      | 29        | 33       | 12        | 19       |           |
| 12:30 | 123        | 123       | -0         | 290     | 1030     | 282      | 28        | 33       | 12        | 19       |           |
| 12:45 | 121        | 123       | -1         | 290     | 1023     | 287      | 28        | 33       | 12        | 19       |           |
| 13:00 | 123        | 122       | -1         | 290     | 1023     | 287      | 29        | 32       | 12        | 19       |           |
| 13:15 | 121        | 124       | -1         | 290     | 1022     | 282      | 28        | 33       | 12        | 19       |           |
| 13:30 | 121        | 120       | -1         | 290     | 1024     | 287      | 28        | 32       | 12        | 19       |           |
| 13:45 | 127        | 122       | -0         | 289     | 1020     | 282      | 28        | 32       | 12        | 19       |           |
| 14:00 | 127        | 121       | -1         | 290     | 1017     | 287      | 29        | 32       | 17        | 19       |           |
| 14:15 | 123        | 122       | -1         | 289     | 1014     | 281      | 28        | 32       | 12        | 19       |           |
| 14:30 | 122        | 120       | -1         | 290     | 1020     | 280      | 28        | 33       | 12        | 19       |           |
| 14:45 | 122        | 121       | -0         | 290     | 1024     | 282      | 28        | 32       | 12        | 19       |           |

|       |     |     |     |     |      |     |    |    |    |    |
|-------|-----|-----|-----|-----|------|-----|----|----|----|----|
| 16:00 | 172 | 178 | -6  | 290 | 1030 | 284 | 28 | 32 | 18 | 19 |
| 16:15 | 174 | 177 | -3  | 291 | 1032 | 288 | 29 | 33 | 18 | 19 |
| 16:30 | 166 | 181 | -15 | 290 | 1033 | 284 | 28 | 32 | 18 | 19 |
| 16:45 | 168 | 171 | -3  | 290 | 1029 | 286 | 28 | 32 | 18 | 19 |
| 17:00 | 167 | 171 | -4  | 290 | 1021 | 287 | 28 | 32 | 18 | 19 |
| 17:15 | 166 | 168 | -2  | 290 | 1018 | 287 | 28 | 32 | 18 | 19 |
| 17:30 | 167 | 168 | -1  | 290 | 1021 | 285 | 28 | 32 | 18 | 19 |
| 17:45 | 168 | 170 | -2  | 290 | 1021 | 287 | 28 | 33 | 18 | 19 |
| 18:00 | 170 | 174 | -4  | 290 | 1024 | 281 | 28 | 32 | 18 | 19 |
| 18:15 | 167 | 172 | -5  | 290 | 1021 | 287 | 28 | 33 | 18 | 19 |
| 18:30 | 162 | 168 | -6  | 290 | 1019 | 288 | 28 | 32 | 18 | 19 |
| 18:45 | 174 | 178 | -4  | 290 | 1020 | 285 | 28 | 33 | 18 | 19 |
| 19:00 | 163 | 172 | -9  | 290 | 1023 | 280 | 28 | 33 | 18 | 19 |
| 19:15 | 165 | 168 | -3  | 290 | 1017 | 286 | 28 | 32 | 18 | 19 |
| 19:30 | 168 | 168 | 0   | 290 | 1020 | 290 | 29 | 33 | 18 | 19 |
| 19:45 | 171 | 171 | 0   | 290 | 1026 | 286 | 28 | 33 | 18 | 19 |
| 20:00 | 164 | 165 | -1  | 290 | 1016 | 281 | 28 | 32 | 18 | 19 |
| 20:15 | 168 | 170 | -2  | 290 | 1021 | 283 | 28 | 32 | 17 | 19 |
| 20:30 | 170 | 172 | -2  | 290 | 1024 | 288 | 28 | 33 | 18 | 19 |
| 20:45 | 170 | 171 | -1  | 290 | 1022 | 287 | 28 | 32 | 18 | 19 |
| 21:00 | 170 | 170 | 0   | 290 | 1023 | 281 | 28 | 33 | 18 | 19 |
| 21:15 | 172 | 172 | 0   | 289 | 1025 | 284 | 28 | 33 | 17 | 19 |
| 21:30 | 167 | 168 | -1  | 290 | 1005 | 282 | 28 | 32 | 18 | 19 |
| 21:45 | 168 | 167 | 1   | 290 | 1029 | 288 | 28 | 32 | 18 | 19 |
| 22:00 | 172 | 171 | 1   | 290 | 1024 | 282 | 28 | 33 | 18 | 19 |
| 22:15 | 169 | 172 | -3  | 290 | 1023 | 280 | 28 | 33 | 17 | 19 |
| 22:30 | 171 | 173 | -2  | 290 | 1025 | 282 | 28 | 33 | 18 | 19 |
| 22:45 | 164 | 168 | -4  | 289 | 1015 | 287 | 28 | 32 | 18 | 19 |
| 23:00 | 168 | 171 | -3  | 290 | 1021 | 291 | 28 | 33 | 18 | 19 |
| 23:15 | 168 | 171 | -3  | 290 | 1021 | 288 | 28 | 33 | 18 | 19 |
| 23:30 | 166 | 166 | 0   | 290 | 1018 | 282 | 28 | 32 | 17 | 19 |
| 23:45 | 168 | 170 | -2  | 290 | 1021 | 290 | 28 | 32 | 18 | 19 |
| 00:00 | 173 | 173 | 0   | 290 | 1022 | 289 | 28 | 33 | 18 | 19 |

|     |        |        |       |        |         |        |       |       |       |       |
|-----|--------|--------|-------|--------|---------|--------|-------|-------|-------|-------|
| DIR | 137.50 | 138.25 | -1.99 | 289.00 | 978.00  | 278.00 | 24.27 | 29.94 | 15.91 | 17.31 |
| BAR | 174.23 | 177.50 | 1.93  | 290.50 | 1032.00 | 291.00 | 21.72 | 33.25 | 18.58 | 19.19 |
| AVG | 167.38 | 168.83 | -0.52 | 289.79 | 1021.32 | 285.76 | 23.34 | 32.42 | 17.96 | 18.89 |

JUNE 21, 2001

00:20:08 22-JUN-2001 FRIDAY

OMEL PERFORMANCE PROFILE

HL LOG 01

| TIME  | STEAM FLOW | FUEL FLOW | DRUM LEVEL | FW TEMP | FW PRESS | SGR TEMP | UFA FLOW | OFA FLOW | UFA PRESS | OFA PRESS |
|-------|------------|-----------|------------|---------|----------|----------|----------|----------|-----------|-----------|
| 00:15 | 170        | 172       | -1         | 289     | 1023     | 284      | 28       | 32       | 18        | 19        |
| 00:20 | 170        | 170       | -1         | 289     | 1023     | 282      | 28       | 32       | 18        | 19        |
| 00:45 | 171        | 168       | -0         | 289     | 1026     | 282      | 28       | 32       | 18        | 19        |
| 01:00 | 171        | 173       | -1         | 289     | 1028     | 280      | 28       | 33       | 17        | 19        |
| 01:15 | 166        | 169       | -1         | 288     | 1028     | 280      | 28       | 32       | 18        | 19        |
| 01:30 | 171        | 171       | -0         | 290     | 1028     | 289      | 28       | 32       | 18        | 19        |
| 01:45 | 173        | 174       | -0         | 293     | 1032     | 292      | 28       | 33       | 18        | 19        |
| 02:00 | 169        | 171       | -0         | 290     | 1024     | 289      | 28       | 33       | 18        | 19        |
| 02:15 | 174        | 174       | -0         | 290     | 1032     | 286      | 28       | 33       | 18        | 19        |
| 02:30 | 166        | 169       | -1         | 290     | 1019     | 281      | 28       | 33       | 18        | 19        |
| 02:45 | 169        | 170       | -1         | 290     | 1022     | 286      | 28       | 33       | 18        | 19        |
| 03:00 | 170        | 172       | -0         | 290     | 1026     | 285      | 28       | 33       | 18        | 19        |
| 03:15 | 171        | 170       | -0         | 290     | 1027     | 285      | 28       | 33       | 18        | 19        |
| 03:30 | 171        | 171       | -1         | 290     | 1028     | 285      | 28       | 33       | 18        | 19        |
| 03:45 | 169        | 170       | -1         | 290     | 1024     | 284      | 28       | 33       | 18        | 19        |
| 04:00 | 167        | 169       | -1         | 290     | 1021     | 286      | 28       | 32       | 18        | 19        |
| 04:15 | 171        | 170       | -1         | 290     | 1024     | 288      | 28       | 33       | 18        | 19        |
| 04:30 | 168        | 171       | -1         | 290     | 1023     | 289      | 28       | 33       | 18        | 19        |
| 04:45 | 173        | 172       | -0         | 290     | 1026     | 286      | 28       | 33       | 18        | 19        |
| 05:00 | 170        | 173       | -1         | 290     | 1026     | 285      | 29       | 33       | 18        | 19        |
| 05:15 | 170        | 169       | -1         | 290     | 1026     | 284      | 29       | 33       | 18        | 19        |
| 05:30 | 163        | 166       | -1         | 290     | 1015     | 289      | 28       | 33       | 18        | 19        |
| 05:45 | 174        | 175       | -1         | 290     | 1032     | 287      | 28       | 33       | 18        | 19        |
| 06:00 | 167        | 170       | -1         | 290     | 1021     | 285      | 28       | 32       | 18        | 19        |
| 06:15 | 167        | 171       | -1         | 290     | 1021     | 285      | 29       | 33       | 17        | 19        |
| 06:30 | 169        | 168       | -0         | 290     | 1023     | 286      | 29       | 33       | 18        | 19        |
| 06:45 | 169        | 170       | -1         | 290     | 1024     | 285      | 29       | 33       | 18        | 19        |
| 07:00 | 166        | 172       | -1         | 290     | 1023     | 286      | 29       | 33       | 18        | 19        |
| 07:15 | 166        | 170       | -1         | 290     | 1019     | 286      | 28       | 33       | 18        | 19        |
| 07:30 | 168        | 166       | -0         | 290     | 1021     | 281      | 28       | 33       | 18        | 19        |
| 07:45 | 170        | 170       | -1         | 290     | 1024     | 287      | 28       | 33       | 18        | 19        |
| 08:00 | 161        | 164       | -1         | 290     | 1012     | 287      | 28       | 32       | 18        | 19        |
| 08:15 | 169        | 162       | -1         | 290     | 999      | 287      | 28       | 32       | 18        | 19        |
| 08:30 | 170        | 166       | 0          | 290     | 1024     | 287      | 28       | 33       | 18        | 19        |
| 08:45 | 170        | 171       | -1         | 290     | 1026     | 281      | 28       | 33       | 18        | 19        |
| 09:00 | 166        | 168       | -1         | 290     | 1030     | 290      | 28       | 33       | 18        | 19        |
| 09:15 | 170        | 168       | 0          | 290     | 1024     | 290      | 28       | 33       | 18        | 19        |
| 09:30 | 171        | 172       | -0         | 290     | 1023     | 286      | 28       | 33       | 18        | 19        |
| 09:45 | 171        | 172       | -1         | 290     | 1026     | 290      | 28       | 33       | 18        | 19        |
| 10:00 | 161        | 166       | -1         | 290     | 1012     | 288      | 28       | 33       | 18        | 19        |
| 10:15 | 171        | 171       | -1         | 290     | 1024     | 288      | 28       | 33       | 18        | 19        |
| 10:30 | 166        | 169       | -1         | 290     | 1019     | 287      | 29       | 33       | 18        | 19        |
| 10:45 | 174        | 173       | -0         | 290     | 1030     | 280      | 29       | 34       | 18        | 19        |
| 11:00 | 163        | 168       | -1         | 290     | 1015     | 286      | 29       | 33       | 17        | 19        |
| 11:15 | 172        | 170       | -0         | 289     | 1028     | 290      | 28       | 33       | 19        | 19        |
| 11:30 | 170        | 171       | -1         | 290     | 1026     | 287      | 29       | 33       | 18        | 19        |
| 11:45 | 170        | 173       | -1         | 290     | 1024     | 288      | 28       | 33       | 18        | 19        |
| 12:00 | 170        | 168       | -0         | 289     | 1024     | 290      | 30       | 33       | 17        | 19        |
| 12:15 | 172        | 172       | -1         | 290     | 1028     | 290      | 29       | 34       | 18        | 19        |
| 12:30 | 170        | 170       | -1         | 290     | 1030     | 287      | 29       | 33       | 18        | 19        |
| 12:45 | 170        | 174       | -1         | 290     | 1029     | 290      | 28       | 33       | 18        | 19        |
| 13:00 | 170        | 173       | -0         | 289     | 1030     | 289      | 28       | 33       | 18        | 19        |
| 13:15 | 167        | 170       | -1         | 290     | 1020     | 290      | 29       | 33       | 18        | 19        |
| 13:30 | 167        | 169       | 0          | 289     | 1023     | 289      | 28       | 33       | 18        | 19        |
| 13:45 | 169        | 172       | -1         | 290     | 1024     | 287      | 28       | 33       | 18        | 19        |
| 14:00 | 168        | 168       | -1         | 290     | 1019     | 286      | 28       | 33       | 18        | 19        |
| 14:15 | 169        | 166       | 0          | 290     | 1022     | 292      | 28       | 33       | 18        | 19        |
| 14:30 | 173        | 173       | -1         | 290     | 1028     | 286      | 28       | 34       | 18        | 19        |
| 14:45 | 171        | 171       | -1         | 290     | 1027     | 287      | 28       | 33       | 18        | 19        |

e

|       |     |     |    |     |      |     |    |    |    |    |
|-------|-----|-----|----|-----|------|-----|----|----|----|----|
| 15:00 | 161 | 162 | -1 | 290 | 1014 | 292 | 28 | 32 | 18 | 19 |
| 16:00 | 172 | 172 | -0 | 290 | 1028 | 283 | 29 | 34 | 18 | 19 |
| 16:30 | 162 | 163 | -1 | 290 | 1014 | 284 | 28 | 32 | 18 | 19 |
| 16:45 | 170 | 167 | 0  | 290 | 1023 | 299 | 28 | 33 | 18 | 19 |
| 17:00 | 166 | 167 | -1 | 291 | 1019 | 298 | 28 | 33 | 18 | 19 |
| 17:15 | 170 | 169 | -1 | 290 | 1026 | 286 | 28 | 32 | 18 | 19 |
| 17:30 | 170 | 170 | -1 | 291 | 1024 | 288 | 28 | 33 | 18 | 19 |
| 17:45 | 160 | 160 | -1 | 290 | 1015 | 283 | 28 | 32 | 18 | 19 |
| 18:00 | 164 | 155 | -1 | 290 | 1015 | 290 | 28 | 33 | 18 | 19 |
| 18:15 | 170 | 168 | -1 | 290 | 1029 | 290 | 28 | 33 | 18 | 19 |
| 18:30 | 173 | 173 | -0 | 290 | 1028 | 279 | 28 | 33 | 18 | 19 |
| 18:45 | 171 | 174 | -1 | 290 | 1024 | 293 | 28 | 33 | 18 | 19 |
| 19:00 | 170 | 171 | -0 | 290 | 1028 | 291 | 28 | 33 | 18 | 19 |
| 19:15 | 172 | 173 | -1 | 290 | 1028 | 287 | 30 | 33 | 18 | 19 |
| 19:30 | 167 | 168 | -1 | 290 | 1019 | 287 | 28 | 33 | 18 | 19 |
| 19:45 | 172 | 172 | -0 | 289 | 1026 | 288 | 28 | 34 | 18 | 19 |
| 20:00 | 173 | 174 | -1 | 290 | 1028 | 284 | 28 | 34 | 17 | 19 |
| 20:15 | 169 | 172 | -1 | 289 | 1026 | 293 | 30 | 33 | 19 | 19 |
| 20:30 | 174 | 174 | -1 | 289 | 1030 | 289 | 28 | 34 | 17 | 19 |
| 20:45 | 169 | 168 | -1 | 290 | 1018 | 290 | 28 | 33 | 17 | 19 |
| 21:00 | 163 | 162 | -1 | 290 | 1014 | 283 | 29 | 33 | 16 | 19 |
| 21:15 | 170 | 170 | -0 | 290 | 1024 | 289 | 29 | 33 | 17 | 19 |
| 21:30 | 168 | 168 | -0 | 290 | 1021 | 288 | 28 | 33 | 17 | 19 |
| 21:45 | 167 | 169 | -1 | 290 | 1020 | 287 | 28 | 33 | 17 | 19 |
| 22:00 | 163 | 163 | -1 | 290 | 1019 | 290 | 29 | 33 | 16 | 19 |
| 22:15 | 171 | 171 | -1 | 290 | 1024 | 287 | 28 | 34 | 17 | 19 |
| 22:30 | 172 | 173 | -1 | 290 | 1026 | 288 | 28 | 34 | 17 | 19 |
| 22:45 | 167 | 169 | -1 | 290 | 1020 | 289 | 28 | 33 | 17 | 19 |
| 23:00 | 164 | 162 | -0 | 290 | 1013 | 283 | 30 | 33 | 16 | 19 |
| 23:15 | 163 | 168 | -0 | 290 | 1020 | 290 | 29 | 33 | 17 | 19 |
| 23:30 | 168 | 170 | -1 | 290 | 1020 | 283 | 28 | 33 | 17 | 19 |
| 23:45 | 175 | 175 | -1 | 290 | 1032 | 289 | 28 | 34 | 17 | 19 |
| 00:00 | 171 | 173 | -1 | 291 | 1024 | 287 | 30 | 33 | 16 | 19 |

|     |        |        |       |        |         |        |       |       |       |       |
|-----|--------|--------|-------|--------|---------|--------|-------|-------|-------|-------|
| 818 | 148.50 | 152.25 | -1.36 | 299.00 | 995.00  | 278.50 | 27.53 | 31.56 | 15.95 | 18.69 |
| 801 | 173.75 | 176.99 | 0.18  | 290.50 | 1032.00 | 293.00 | 23.34 | 34.06 | 18.73 | 19.22 |
| 806 | 168.71 | 169.78 | -0.67 | 289.71 | 1023.24 | 287.04 | 28.37 | 32.86 | 17.83 | 18.39 |



00-00-15 12-00AM-1901 FRIDAY

ENGINE PERFORMANCE PROFILE #2

LOG 02

| TIME  | STEAM FLOW | FLED FLOW | DAUN LEVEL | FW TEMP | FW PRESS | BOE TEMP | WEA FLOW | WEA FLOW | WEA PRESS | WEA PRESS |
|-------|------------|-----------|------------|---------|----------|----------|----------|----------|-----------|-----------|
| 00:10 | 168        | 168       | 0          | 768     | 1010     | 270      | 62       | 34       | 17        | 19        |
| 00:30 | 182        | 164       | 0          | 761     | 1006     | 273      | 61       | 33       | 16        | 19        |
| 00:45 | 170        | 166       | 0          | 761     | 1018     | 283      | 67       | 34       | 18        | 19        |
| 01:00 | 188        | 158       | 1          | 758     | 1016     | 272      | 62       | 34       | 17        | 19        |
| 01:15 | 178        | 177       | -3         | 765     | 1020     | 282      | 67       | 35       | 18        | 19        |
| 01:30 | 187        | 187       | 0          | 758     | 1017     | 278      | 65       | 34       | 18        | 19        |
| 01:45 | 170        | 168       | -3         | 760     | 1019     | 271      | 67       | 35       | 18        | 19        |
| 02:00 | 184        | 187       | -3         | 757     | 1011     | 281      | 66       | 34       | 18        | 19        |
| 02:15 | 187        | 171       | -3         | 751     | 1011     | 284      | 66       | 34       | 18        | 19        |
| 02:30 | 171        | 183       | -1         | 756     | 1010     | 283      | 66       | 34       | 18        | 19        |
| 02:45 | 171        | 167       | 0          | 761     | 1022     | 280      | 67       | 35       | 19        | 19        |
| 03:00 | 187        | 174       | 0          | 759     | 1017     | 281      | 67       | 35       | 18        | 19        |
| 03:15 | 188        | 164       | -3         | 760     | 1017     | 283      | 65       | 34       | 18        | 19        |
| 03:30 | 175        | 172       | 0          | 762     | 1026     | 279      | 67       | 35       | 19        | 19        |
| 03:45 | 175        | 170       | 0          | 763     | 1024     | 281      | 67       | 35       | 18        | 19        |
| 04:00 | 178        | 180       | 0          | 763     | 1021     | 278      | 67       | 35       | 18        | 19        |
| 04:15 | 187        | 172       | -3         | 758     | 1011     | 281      | 66       | 34       | 17        | 19        |
| 04:30 | 174        | 173       | -1         | 767     | 1024     | 282      | 68       | 35       | 18        | 19        |
| 04:45 | 178        | 181       | 0          | 764     | 1001     | 277      | 67       | 35       | 18        | 19        |
| 05:00 | 189        | 184       | 1          | 759     | 1011     | 284      | 66       | 34       | 18        | 19        |
| 05:15 | 188        | 175       | -1         | 763     | 1017     | 280      | 68       | 34       | 17        | 19        |
| 05:30 | 170        | 169       | -3         | 763     | 1017     | 279      | 67       | 35       | 18        | 19        |
| 05:45 | 178        | 173       | 0          | 764     | 1024     | 283      | 66       | 35       | 18        | 19        |
| 06:00 | 170        | 174       | -3         | 763     | 1019     | 280      | 66       | 34       | 18        | 19        |
| 06:15 | 166        | 186       | -3         | 763     | 1014     | 280      | 67       | 34       | 17        | 19        |
| 06:30 | 187        | 184       | -3         | 764     | 1017     | 281      | 66       | 35       | 18        | 19        |
| 06:45 | 186        | 182       | 0          | 763     | 1014     | 280      | 66       | 34       | 18        | 19        |
| 07:00 | 170        | 187       | -1         | 770     | 1019     | 283      | 67       | 35       | 18        | 19        |
| 07:15 | 187        | 183       | -3         | 768     | 1013     | 276      | 66       | 34       | 18        | 19        |
| 07:30 | 170        | 170       | -1         | 768     | 1018     | 284      | 67       | 34       | 18        | 19        |
| 07:45 | 182        | 189       | 0          | 769     | 994      | 282      | 65       | 33       | 18        | 19        |
| 08:00 | 188        | 181       | -1         | 767     | 1011     | 281      | 66       | 34       | 18        | 19        |
| 08:15 | 183        | 188       | 0          | 767     | 1011     | 278      | 67       | 34       | 18        | 19        |
| 08:30 | 170        | 168       | 0          | 769     | 1012     | 282      | 67       | 35       | 18        | 19        |
| 08:45 | 171        | 166       | 1          | 769     | 1013     | 281      | 66       | 35       | 18        | 19        |
| 09:00 | 182        | 182       | -3         | 767     | 1013     | 276      | 66       | 34       | 18        | 19        |
| 09:15 | 183        | 166       | -3         | 770     | 1016     | 286      | 67       | 34       | 18        | 19        |
| 09:30 | 173        | 180       | 0          | 773     | 1021     | 272      | 67       | 35       | 18        | 19        |
| 09:45 | 171        | 172       | 0          | 771     | 1020     | 280      | 67       | 35       | 18        | 19        |
| 10:00 | 184        | 168       | -1         | 767     | 1018     | 282      | 66       | 34       | 18        | 19        |
| 10:15 | 182        | 166       | -1         | 766     | 1007     | 278      | 66       | 34       | 18        | 19        |
| 10:30 | 175        | 158       | -3         | 774     | 1022     | 284      | 68       | 35       | 17        | 19        |
| 10:45 | 173        | 172       | 1          | 775     | 1024     | 280      | 67       | 35       | 18        | 19        |
| 11:00 | 171        | 174       | -3         | 776     | 1020     | 279      | 68       | 34       | 17        | 19        |
| 11:15 | 188        | 166       | -3         | 774     | 1014     | 280      | 67       | 34       | 18        | 19        |
| 11:30 | 186        | 183       | 0          | 769     | 1011     | 279      | 66       | 34       | 18        | 19        |
| 11:45 | 187        | 173       | -1         | 771     | 1017     | 277      | 66       | 34       | 18        | 19        |
| 12:00 | 183        | 182       | -3         | 772     | 1016     | 284      | 68       | 35       | 17        | 19        |
| 12:15 | 178        | 177       | 0          | 775     | 1027     | 275      | 67       | 35       | 18        | 19        |
| 12:30 | 178        | 176       | 0          | 774     | 1022     | 272      | 67       | 35       | 18        | 19        |
| 12:45 | 171        | 173       | 0          | 773     | 1020     | 284      | 67       | 35       | 18        | 19        |
| 13:00 | 187        | 187       | -1         | 772     | 1014     | 277      | 66       | 34       | 18        | 19        |
| 13:15 | 182        | 183       | 0          | 771     | 1012     | 280      | 66       | 34       | 18        | 19        |
| 13:30 | 187        | 183       | 0          | 772     | 1013     | 284      | 66       | 34       | 18        | 19        |
| 13:45 | 185        | 182       | -1         | 772     | 1017     | 278      | 67       | 35       | 18        | 19        |
| 14:00 | 170        | 180       | -1         | 776     | 1031     | 282      | 67       | 35       | 18        | 19        |
| 14:15 | 189        | 160       | 0          | 777     | 1014     | 284      | 66       | 34       | 18        | 19        |
| 14:30 | 183        | 178       | -3         | 777     | 1017     | 275      | 66       | 35       | 18        | 19        |
| 14:45 | 186        | 188       | 0          | 776     | 1020     | 285      | 67       | 35       | 18        | 19        |

|       |     |     |     |     |      |     |    |    |    |    |
|-------|-----|-----|-----|-----|------|-----|----|----|----|----|
| 16:01 | 168 | 174 | -6  | 771 | 1013 | 278 | 67 | 35 | 18 | 19 |
| 16:15 | 161 | 159 | 2   | 774 | 1019 | 284 | 66 | 34 | 18 | 19 |
| 16:29 | 169 | 173 | -4  | 773 | 1018 | 273 | 67 | 35 | 18 | 19 |
| 16:41 | 166 | 168 | -2  | 772 | 1013 | 281 | 66 | 34 | 18 | 19 |
| 17:00 | 162 | 164 | -2  | 779 | 1018 | 285 | 66 | 34 | 18 | 19 |
| 17:10 | 170 | 182 | -12 | 780 | 1028 | 278 | 67 | 35 | 18 | 19 |
| 17:30 | 168 | 172 | -4  | 777 | 1014 | 275 | 68 | 34 | 18 | 19 |
| 17:45 | 166 | 169 | -3  | 775 | 1013 | 290 | 66 | 34 | 18 | 19 |
| 18:00 | 165 | 158 | 7   | 773 | 1019 | 278 | 66 | 34 | 18 | 19 |
| 18:15 | 174 | 174 | 0   | 782 | 1024 | 273 | 67 | 35 | 18 | 19 |
| 18:31 | 176 | 174 | 2   | 784 | 1028 | 280 | 67 | 35 | 18 | 19 |
| 18:45 | 169 | 163 | 6   | 783 | 1014 | 283 | 66 | 35 | 18 | 19 |
| 19:00 | 179 | 169 | 10  | 781 | 1019 | 280 | 67 | 35 | 18 | 19 |
| 19:15 | 172 | 173 | -1  | 785 | 1021 | 289 | 66 | 35 | 18 | 19 |
| 19:31 | 172 | 173 | -1  | 784 | 1022 | 281 | 66 | 34 | 18 | 19 |
| 19:45 | 164 | 167 | -3  | 778 | 997  | 284 | 66 | 33 | 18 | 19 |
| 20:00 | 184 | 188 | -4  | 785 | 1007 | 291 | 66 | 34 | 18 | 19 |
| 20:17 | 168 | 171 | -3  | 777 | 1016 | 281 | 66 | 35 | 19 | 19 |
| 20:30 | 164 | 171 | -7  | 761 | 1011 | 271 | 66 | 34 | 17 | 19 |
| 20:45 | 170 | 177 | -7  | 765 | 1018 | 288 | 66 | 34 | 17 | 19 |
| 21:00 | 168 | 169 | -1  | 767 | 1014 | 282 | 67 | 35 | 17 | 19 |
| 21:15 | 165 | 166 | -1  | 765 | 1008 | 279 | 67 | 34 | 17 | 19 |
| 21:30 | 168 | 174 | -6  | 768 | 1017 | 283 | 66 | 34 | 17 | 19 |
| 21:45 | 168 | 177 | -9  | 773 | 1024 | 280 | 67 | 35 | 17 | 19 |
| 22:00 | 172 | 184 | -12 | 771 | 1017 | 176 | 67 | 35 | 17 | 19 |
| 22:15 | 171 | 172 | -1  | 773 | 1012 | 285 | 66 | 34 | 17 | 19 |
| 22:30 | 173 | 179 | -6  | 772 | 1022 | 278 | 67 | 35 | 17 | 19 |
| 22:45 | 171 | 161 | 10  | 769 | 1018 | 278 | 66 | 35 | 17 | 19 |
| 23:00 | 167 | 173 | -6  | 766 | 1014 | 281 | 66 | 34 | 18 | 19 |
| 23:15 | 169 | 166 | 3   | 769 | 1004 | 272 | 66 | 34 | 17 | 19 |
| 23:30 | 161 | 161 | 0   | 765 | 1001 | 285 | 66 | 34 | 17 | 19 |
| 23:45 | 173 | 171 | 2   | 775 | 1020 | 279 | 67 | 35 | 17 | 19 |
| 24:00 | 170 | 168 | 2   | 774 | 1014 | 274 | 68 | 34 | 17 | 19 |

|     |        |        |       |        |         |        |       |       |       |       |
|-----|--------|--------|-------|--------|---------|--------|-------|-------|-------|-------|
| 818 | 162.25 | 161.25 | -1.00 | 761.00 | 994.00  | 288.00 | 66.50 | 32.94 | 18.41 | 18.63 |
| 820 | 172.75 | 163.25 | 9.50  | 783.00 | 1060.00 | 333.00 | 68.32 | 35.25 | 18.63 | 19.31 |
| 822 | 162.50 | 161.75 | 0.75  | 769.00 | 1012.21 | 291.01 | 66.50 | 34.63 | 17.83 | 19.00 |

UNIT 01

UNIT 02

1 AIR-06558 RECORD 01 BRV  
 2 AIR-06484 ECONO S02  
 3 AIR-06439 STACK S02  
 4 AIR-06278 STACK BRACITY  
 5 AIR-06478 STACK S02

1 AIR-06558 RECORD 02 BRV  
 2 AIR-06484 ECONO S02  
 3 AIR-06439 STACK S02  
 4 AIR-06278 STACK BRACITY  
 5 AIR-06478 STACK S02

| TIME  | 1    | 2    | 3   | 4   | 5   | 6    | 7    | 8   | 9   | 10   |
|-------|------|------|-----|-----|-----|------|------|-----|-----|------|
| 00:15 | 2.2  | 18.8 | 120 | 0.9 | 0.1 | 10.0 | 15.5 | 142 | 0.8 | -0.4 |
| 00:30 | 11.0 | 27.1 | 145 | 0.6 | 0.1 | 11.2 | 16.8 | 164 | 0.7 | -0.5 |
| 00:45 | 3.4  | 42.8 | 185 | 0.3 | 0.1 | 13.4 | 23.5 | 204 | 0.8 | -0.4 |
| 01:00 | 11.0 | 61.7 | 192 | 0.5 | 1.3 | 3.1  | 41.9 | 197 | 0.8 | -0.5 |
| 01:15 | 13.4 | 44.8 | 144 | 0.8 | 0.1 | 3.7  | 50.3 | 205 | 0.8 | -0.5 |
| 01:30 | 14.6 | 36.9 | 212 | 0.5 | 0.1 | 10.8 | 44.0 | 146 | 0.7 | -0.5 |
| 01:45 | 11.7 | 30.8 | 141 | 0.3 | 1.2 | 10.4 | 44.3 | 159 | 0.7 | -0.4 |
| 02:00 | 10.6 | 50.1 | 188 | 0.5 | 4.4 | 11.2 | 35.0 | 133 | 0.9 | -0.4 |
| 02:15 | 3.4  | 53.4 | 187 | 1.6 | 3.4 | 0.6  | 35.0 | 134 | 1.7 | 29.4 |
| 02:30 | 0.7  | 57.7 | 164 | 0.5 | 1.3 | 13.1 | 39.0 | 137 | 0.7 | 3.4  |
| 02:45 | 0.8  | 43.4 | 159 | 0.1 | 2.4 | 3.5  | 38.5 | 128 | 0.7 | 3.1  |
| 03:00 | 10.4 | 35.2 | 140 | 0.5 | 2.3 | 10.2 | 35.8 | 173 | 0.7 | 17.0 |
| 03:15 | 3.9  | 34.8 | 189 | 0.3 | 3.4 | 4.2  | 38.5 | 121 | 0.7 | 1.4  |
| 03:30 | 8.5  | 49.8 | 147 | 0.5 | 2.3 | 0.8  | 38.3 | 155 | 0.7 | 14.4 |
| 03:45 | 10.4 | 32.1 | 181 | 0.8 | 4.4 | 10.4 | 47.9 | 177 | 0.8 | 4.3  |
| 04:00 | 3.3  | 46.9 | 155 | 0.5 | 1.3 | 0.5  | 40.2 | 133 | 0.9 | 5.3  |
| 04:15 | 3.4  | 47.6 | 162 | 0.2 | 1.3 | 3.2  | 39.8 | 110 | 0.8 | 3.1  |
| 04:30 | 0.7  | 49.0 | 111 | 1.6 | 3.5 | 15.0 | 44.0 | 206 | 0.8 | 6.3  |
| 04:45 | 0.3  | 52.4 | 134 | 0.2 | 2.4 | 3.3  | 44.6 | 182 | 0.8 | 3.3  |
| 05:00 | 3.1  | 63.4 | 120 | 0.7 | 1.1 | 3.3  | 34.2 | 163 | 0.8 | 4.2  |
| 05:15 | 3.4  | 53.9 | 143 | 0.2 | 2.3 | 3.5  | 34.0 | 124 | 0.8 | 6.1  |
| 05:30 | 10.3 | 39.8 | 193 | 0.6 | 1.3 | 3.8  | 31.5 | 132 | 0.9 | 3.3  |
| 05:45 | 10.2 | 32.7 | 164 | 0.3 | 4.4 | 0.6  | 43.3 | 159 | 0.7 | 5.3  |
| 06:00 | 3.3  | 43.2 | 140 | 0.6 | 3.5 | 3.5  | 33.8 | 140 | 0.8 | 1.4  |
| 06:15 | 3.1  | 39.4 | 179 | 0.7 | 3.5 | 3.1  | 37.5 | 153 | 0.8 | -0.4 |
| 06:30 | 3.0  | 35.1 | 190 | 0.2 | 0.1 | 10.8 | 37.2 | 143 | 0.8 | -0.4 |
| 06:45 | 13.1 | 43.2 | 123 | 0.2 | 0.1 | 10.4 | 40.8 | 122 | 0.6 | -0.5 |
| 07:00 | 12.6 | 42.1 | 110 | 4.1 | 0.1 | 6.4  | 37.0 | 121 | 0.8 | -0.5 |
| 07:15 | 10.9 | 26.0 | 139 | 0.2 | 0.1 | 10.3 | 34.0 | 144 | 0.8 | -0.4 |
| 07:30 | 3.7  | 41.6 | 197 | 0.2 | 0.1 | 10.0 | 44.0 | 134 | 0.8 | -0.4 |
| 07:45 | 10.4 | 39.2 | 153 | 0.8 | 0.1 | 3.2  | 31.0 | 143 | 0.7 | -0.5 |
| 08:00 | 10.1 | 24.2 | 173 | 0.2 | 0.1 | 3.1  | 54.5 | 150 | 0.9 | -0.4 |
| 08:15 | 10.2 | 22.8 | 162 | 0.2 | 0.1 | 10.9 | 33.2 | 137 | 0.8 | -0.4 |
| 08:30 | 10.3 | 33.2 | 121 | 0.2 | 0.1 | 10.4 | 33.2 | 160 | 0.2 | -0.4 |
| 08:45 | 3.4  | 17.0 | 162 | 3.2 | 0.1 | 3.3  | 40.9 | 171 | 0.2 | -0.5 |
| 09:00 | 3.5  | 51.1 | 200 | 0.2 | 0.1 | 10.7 | 48.2 | 132 | 0.9 | -0.5 |
| 09:15 | 3.4  | 33.4 | 208 | 3.2 | 0.1 | 10.6 | 46.5 | 178 | 0.8 | -0.4 |
| 09:30 | 10.0 | 32.8 | 207 | 0.6 | 0.1 | 10.4 | 44.0 | 139 | 0.8 | -0.5 |
| 09:45 | 3.1  | 32.8 | 171 | 0.2 | 0.1 | 10.7 | 33.0 | 145 | 0.8 | -0.5 |
| 10:00 | 3.3  | 39.0 | 121 | 0.2 | 0.1 | 9.0  | 30.0 | 117 | 0.8 | -0.5 |
| 10:15 | 3.3  | 33.2 | 175 | 0.2 | 0.1 | 10.3 | 44.8 | 129 | 0.8 | -0.5 |
| 10:30 | 3.8  | 42.4 | 153 | 0.2 | 0.1 | 3.5  | 26.2 | 134 | 0.3 | -0.4 |
| 10:45 | 2.3  | 30.1 | 123 | 0.2 | 0.1 | 3.4  | 44.3 | 132 | 0.9 | -0.5 |
| 11:00 | 10.3 | 25.0 | 131 | 0.5 | 0.1 | 10.3 | 25.2 | 122 | 0.8 | -0.4 |
| 11:15 | 3.0  | 22.3 | 158 | 0.2 | 0.1 | 3.4  | 12.3 | 112 | 0.3 | -0.5 |
| 11:30 | 3.3  | 33.2 | 200 | 0.2 | 0.1 | 3.1  | 24.0 | 152 | 0.8 | -0.5 |
| 11:45 | 3.3  | 40.1 | 163 | 0.2 | 0.1 | 11.0 | 22.3 | 132 | 0.3 | -0.5 |
| 12:00 | 3.3  | 38.2 | 200 | 0.5 | 0.1 | 3.2  | 42.5 | 132 | 0.2 | -0.4 |
| 12:15 | 10.0 | 38.1 | 199 | 0.1 | 0.1 | 10.3 | 35.3 | 175 | 0.2 | -0.5 |
| 12:30 | 3.4  | 38.8 | 180 | 0.6 | 0.1 | 2.4  | 70.3 | 204 | 0.8 | -0.5 |
| 12:45 | 3.1  | 32.4 | 127 | 0.2 | 0.1 | 10.0 | 23.2 | 122 | 0.2 | -0.5 |
| 12:59 | 3.5  | 32.4 | 127 | 0.2 | 0.1 | 10.0 | 23.2 | 122 | 0.2 | -0.5 |

|       |      |       |     |     |     |      |      |     |     |      |
|-------|------|-------|-----|-----|-----|------|------|-----|-----|------|
| 16:15 | 1.8  | 17.4  | 188 | 0.8 | 0.1 | 9.2  | 40.5 | 130 | 0.7 | -0.4 |
| 16:27 | 2.1  | 20.9  | 150 | 0.6 | 0.1 | 10.2 | 28.8 | 134 | 0.8 | -0.5 |
| 16:48 | 2.7  | 32.1  | 133 | 0.5 | 0.1 | 10.4 | 19.5 | 124 | 0.9 | -0.7 |
| 16:52 | 10.4 | 29.2  | 150 | 0.6 | 0.1 | 10.0 | 38.8 | 150 | 0.8 | -0.5 |
| 16:55 | 2.5  | 30.4  | 248 | 0.6 | 0.1 | 10.3 | 42.8 | 141 | 0.4 | -0.5 |
| 16:55 | 3.0  | 40.1  | 171 | 0.5 | 0.3 | 10.4 | 23.0 | 202 | 0.8 | -0.5 |
| 16:48 | 2.2  | 46.1  | 183 | 0.7 | 0.2 | 9.4  | 29.3 | 174 | 0.9 | -0.5 |
| 16:30 | 2.6  | 28.3  | 212 | 0.5 | 0.1 | 9.8  | 41.5 | 142 | 0.9 | -0.5 |
| 16:15 | 3.2  | 49.4  | 115 | 0.6 | 0.1 | 10.1 | 24.2 | 123 | 0.8 | -0.5 |
| 16:30 | 2.7  | 37.9  | 152 | 0.6 | 0.1 | 10.7 | 37.0 | 156 | 0.8 | -0.5 |
| 16:47 | 2.0  | 37.1  | 200 | 0.6 | 0.3 | 10.7 | 29.2 | 129 | 0.8 | -0.5 |
| 16:20 | 2.0  | 29.3  | 181 | 0.5 | 0.1 | 9.3  | 59.5 | 100 | 0.7 | -0.5 |
| 16:10 | 2.4  | 22.3  | 112 | 0.7 | 0.3 | 10.2 | 55.2 | 93  | 0.8 | -0.5 |
| 16:20 | 2.9  | 22.8  | 221 | 0.1 | 0.3 | 10.9 | 21.0 | 123 | 0.8 | -0.5 |
| 16:40 | 2.1  | 19.8  | 144 | 0.5 | 0.1 | 10.3 | 18.0 | 138 | 0.7 | -0.5 |
| 16:00 | 2.4  | 26.1  | 151 | 0.5 | 0.1 | 10.0 | 19.0 | 144 | 0.7 | -0.5 |
| 16:15 | 2.3  | 18.9  | 200 | 0.7 | 0.1 | 8.6  | 21.0 | 151 | 0.6 | -0.5 |
| 16:20 | 2.8  | 41.1  | 129 | 0.6 | 0.1 | 8.2  | 29.3 | 129 | 0.7 | -0.4 |
| 16:40 | 2.0  | 39.4  | 132 | 0.5 | 0.3 | 10.3 | 21.0 | 173 | 0.6 | -0.5 |
| 16:00 | 2.8  | 72.0  | 152 | 0.5 | 0.3 | 9.7  | 31.0 | 160 | 0.5 | -0.5 |
| 16:15 | 2.9  | 31.1  | 128 | 0.3 | 0.1 | 11.0 | 38.0 | 143 | 0.6 | -0.5 |
| 16:30 | 2.1  | 33.0  | 172 | 0.5 | 0.1 | 10.8 | 79.5 | 150 | 0.7 | -0.5 |
| 16:45 | 10.5 | 37.0  | 132 | 0.5 | 0.1 | 11.1 | 70.3 | 161 | 0.7 | -0.4 |
| 20:00 | 11.0 | 133.5 | 140 | 0.5 | 0.1 | 10.3 | 51.5 | 155 | 0.6 | -0.4 |
| 20:15 | 10.1 | 72.3  | 141 | 0.3 | 0.1 | 11.3 | 43.2 | 137 | 0.6 | -0.5 |
| 20:20 | 10.6 | 87.3  | 124 | 0.5 | 0.1 | 10.4 | 49.5 | 174 | 0.7 | -0.5 |
| 20:45 | 2.4  | 102.1 | 141 | 0.5 | 0.1 | 10.0 | 61.0 | 144 | 0.7 | -0.5 |
| 21:00 | 2.8  | 71.7  | 166 | 0.6 | 1.2 | 10.2 | 47.5 | 138 | 0.7 | -0.4 |
| 21:15 | 10.2 | 81.0  | 130 | 0.5 | 1.0 | 8.7  | 48.0 | 105 | 0.7 | -0.5 |
| 21:20 | 10.5 | 68.3  | 157 | 0.5 | 0.1 | 8.2  | 35.3 | 125 | 0.7 | -0.5 |
| 21:25 | 10.3 | 77.2  | 142 | 0.4 | 0.1 | 8.3  | 35.5 | 136 | 0.7 | -0.4 |
| 21:30 | 8.8  | 77.8  | 133 | 0.5 | 0.1 | 8.7  | 59.3 | 131 | 0.7 | -0.5 |
| 21:45 | 10.2 | 12.5  | 125 | 0.7 | 1.3 | 0.3  | 30.0 | 162 | 0.7 | -0.5 |
| 21:50 | 1.8  | 37.5  | 125 | 0.6 | 1.4 | 8.5  | 52.3 | 120 | 0.7 | -0.5 |
| 22:10 | 2.7  | 45.0  | 125 | 0.6 | 1.3 | 8.6  | 43.0 | 138 | 0.7 | -0.5 |
| 22:30 | 2.0  | 42.2  | 134 | 0.5 | 1.3 | 11.1 | 37.3 | 133 | 0.8 | 1.3  |
| 23:17 | 10.2 | 39.5  | 141 | 0.5 | 0.1 | 10.0 | 42.2 | 139 | 0.7 | 4.4  |
| 23:30 | 10.3 | 40.8  | 141 | 0.6 | 1.2 | 10.1 | 47.0 | 147 | 0.7 | 4.1  |
| 23:45 | 2.7  | 49.4  | 122 | 0.7 | 0.1 | 10.5 | 58.3 | 133 | 0.7 | 5.1  |
| 00:00 | 2.7  | 35.9  | 150 | 0.7 | 0.1 | 10.4 | 53.7 | 205 | 0.7 | 8.3  |

|     |       |        |        |      |      |       |       |        |      |       |
|-----|-------|--------|--------|------|------|-------|-------|--------|------|-------|
| 014 | 2.10  | 16.81  | 103.12 | 1.33 | 0.13 | 8.94  | 16.10 | 32.23  | 0.55 | -0.50 |
| 080 | 11.44 | 139.30 | 247.72 | 0.81 | 2.02 | 11.37 | 85.20 | 206.00 | 1.00 | 28.39 |
| 408 | 2.74  |        | 112.54 |      | 0.24 |       | 41.32 |        | 0.77 |       |
|     |       | 51.25  |        | 0.60 |      | 10.08 |       | 156.04 |      | 1.17  |

|   |          |               |    |           |            |
|---|----------|---------------|----|-----------|------------|
| 1 | YIP-0418 | TOWER IN      | 6  | PIR-0256  | COND VAC   |
| 2 | YIP-0418 | TOWER OUT     | 7  | PIR-02480 | U-1 COND   |
| 3 | PIR-0130 | YOFF FIN REHS | 8  | PIR-02480 | U-2 COND   |
| 4 | PIR-0138 | TURE IN TEMP  | 9  | PIR-40034 | U-1 WET 02 |
| 5 | PIR-0157 | TURE IN PRESS | 10 | PIR-40038 | U-2 WET 02 |

| TIME  | 1   | 2  | 3     | 4   | 5   | 6     | 7  | 8  | 9   | 10  |
|-------|-----|----|-------|-----|-----|-------|----|----|-----|-----|
| 00:10 | 102 | 88 | 310.0 | 824 | 854 | -27.3 | 20 | 21 | 7.8 | 7.5 |
| 00:15 | 102 | 88 | 301.5 | 815 | 854 | -27.3 | 12 | 20 | 8.5 | 8.4 |
| 00:45 | 102 | 88 | 313.5 | 821 | 854 | -27.3 | 12 | 12 | 6.8 | 7.3 |
| 01:00 | 102 | 88 | 320.5 | 826 | 854 | -27.3 | 4  | 13 | 6.6 | 6.8 |
| 01:15 | 101 | 88 | 328.5 | 833 | 854 | -27.3 | 10 | 11 | 8.0 | 7.5 |
| 01:30 | 102 | 88 | 326.0 | 828 | 855 | -27.4 | 9  | 15 | 7.7 | 7.6 |
| 01:45 | 102 | 88 | 332.5 | 835 | 854 | -27.2 | 13 | 15 | 8.4 | 8.0 |
| 02:00 | 103 | 88 | 317.5 | 834 | 854 | -27.3 | 11 | 15 | 8.3 | 8.3 |
| 02:15 | 102 | 88 | 324.5 | 830 | 854 | -27.3 | 0  | 12 | 7.4 | 7.6 |
| 02:30 | 103 | 88 | 322.0 | 827 | 854 | -27.3 | 5  | 20 | 8.3 | 7.2 |
| 02:45 | 103 | 88 | 330.0 | 836 | 854 | -27.2 | 3  | 14 | 7.6 | 7.4 |
| 03:00 | 103 | 88 | 325.0 | 830 | 854 | -27.3 | -3 | 10 | 6.7 | 6.0 |
| 03:15 | 102 | 88 | 328.0 | 829 | 854 | -27.3 | -0 | 12 | 7.6 | 6.8 |
| 03:30 | 102 | 88 | 334.0 | 832 | 854 | -27.2 | 3  | 17 | 6.4 | 7.3 |
| 03:45 | 102 | 88 | 331.0 | 833 | 854 | -27.2 | -3 | 11 | 8.1 | 7.9 |
| 04:00 | 102 | 88 | 328.0 | 832 | 854 | -27.3 | 1  | 16 | 7.3 | 7.6 |
| 04:15 | 103 | 88 | 320.0 | 829 | 854 | -27.3 | -1 | 13 | 7.0 | 7.3 |
| 04:30 | 102 | 87 | 331.5 | 831 | 854 | -27.2 | 6  | 10 | 7.7 | 7.4 |
| 04:45 | 102 | 87 | 339.0 | 832 | 854 | -27.2 | -3 | 14 | 7.9 | 7.2 |
| 05:00 | 103 | 88 | 318.0 | 829 | 854 | -27.3 | 4  | 15 | 6.2 | 7.7 |
| 05:15 | 103 | 88 | 326.5 | 831 | 854 | -27.2 | 3  | 20 | 7.8 | 7.4 |
| 05:30 | 102 | 88 | 314.0 | 825 | 854 | -27.3 | 0  | 13 | 8.7 | 7.6 |
| 05:45 | 103 | 88 | 336.5 | 831 | 853 | -27.2 | -4 | 15 | 8.5 | 7.4 |
| 06:00 | 103 | 88 | 332.0 | 828 | 854 | -27.3 | 9  | 14 | 7.3 | 7.3 |
| 06:15 | 102 | 88 | 319.0 | 823 | 854 | -27.3 | 11 | 11 | 7.6 | 7.7 |
| 06:30 | 102 | 88 | 327.5 | 828 | 854 | -27.3 | 1  | 15 | 6.9 | 6.1 |
| 06:45 | 103 | 87 | 323.0 | 823 | 854 | -27.2 | -0 | 12 | 8.0 | 8.4 |
| 07:00 | 103 | 88 | 327.0 | 831 | 854 | -27.2 | -2 | 14 | 6.6 | 7.3 |
| 07:15 | 103 | 88 | 314.5 | 825 | 854 | -27.3 | 4  | 17 | 7.5 | 8.0 |
| 07:30 | 102 | 87 | 337.0 | 833 | 854 | -27.2 | 2  | 20 | 8.3 | 7.7 |
| 07:45 | 102 | 88 | 300.5 | 829 | 854 | -27.2 | 7  | 13 | 8.3 | 7.4 |
| 08:00 | 102 | 88 | 303.0 | 828 | 854 | -27.2 | 7  | 23 | 8.1 | 7.1 |
| 08:15 | 103 | 88 | 296.5 | 823 | 854 | -27.3 | 9  | 14 | 8.3 | 7.7 |
| 08:30 | 104 | 90 | 329.0 | 831 | 854 | -27.1 | 0  | 13 | 7.8 | 7.6 |
| 08:45 | 105 | 90 | 331.8 | 830 | 854 | -27.1 | 0  | 14 | 6.8 | 7.5 |
| 09:00 | 105 | 91 | 315.0 | 823 | 854 | -27.1 | 2  | 16 | 7.9 | 6.9 |
| 09:15 | 105 | 91 | 327.5 | 831 | 854 | -27.0 | 4  | 12 | 7.1 | 6.0 |
| 09:30 | 106 | 91 | 333.0 | 831 | 854 | -27.0 | 0  | 14 | 7.2 | 7.3 |
| 09:45 | 106 | 91 | 326.5 | 831 | 854 | -27.0 | 0  | 24 | 6.2 | 8.2 |
| 10:00 | 105 | 91 | 306.0 | 823 | 854 | -27.1 | 11 | 25 | 7.4 | 7.3 |
| 10:15 | 105 | 91 | 315.5 | 827 | 854 | -27.1 | 1  | 21 | 7.1 | 8.1 |
| 10:30 | 105 | 91 | 323.0 | 830 | 854 | -27.0 | 2  | 15 | 7.6 | 7.2 |
| 10:45 | 106 | 91 | 337.0 | 832 | 854 | -27.0 | 0  | 20 | 7.4 | 7.3 |
| 11:00 | 105 | 91 | 316.0 | 829 | 854 | -27.1 | 9  | 23 | 8.0 | 7.6 |
| 11:15 | 105 | 90 | 329.0 | 831 | 854 | -27.1 | 4  | 21 | 7.1 | 7.5 |
| 11:30 | 105 | 91 | 323.5 | 823 | 854 | -27.1 | 5  | 17 | 6.8 | 7.3 |
| 11:45 | 105 | 91 | 325.5 | 820 | 857 | -27.1 | 9  | 15 | 8.0 | 8.2 |
| 12:00 | 103 | 91 | 324.5 | 822 | 854 | -27.1 | 5  | 12 | 7.3 | 7.2 |
| 12:15 | 104 | 91 | 324.5 | 822 | 854 | -27.0 | -0 | 15 | 7.5 | 8.1 |
| 12:30 | 105 | 91 | 326.5 | 822 | 854 | -27.0 | 0  | 14 | 7.4 | 7.0 |

|       |     |    |       |     |     |       |    |    |     |     |
|-------|-----|----|-------|-----|-----|-------|----|----|-----|-----|
| 13:00 | 105 | 30 | 321.0 | 830 | 854 | -27.1 | -1 | 24 | 7.3 | 8.1 |
| 13:05 | 105 | 30 | 318.0 | 830 | 854 | -27.1 | -1 | 24 | 7.3 | 8.1 |
| 13:10 | 105 | 31 | 326.5 | 830 | 854 | -27.1 | 0  | 19 | 7.6 | 8.0 |
| 13:15 | 105 | 30 | 326.0 | 831 | 854 | -27.1 | -0 | 17 | 6.6 | 7.8 |
| 13:20 | 105 | 31 | 330.5 | 830 | 854 | -27.0 | 1  | 22 | 7.5 | 7.8 |
| 13:25 | 105 | 30 | 331.0 | 828 | 854 | -27.0 | 2  | 18 | 8.1 | 7.7 |
| 13:30 | 105 | 30 | 325.0 | 827 | 854 | -27.1 | -1 | 17 | 8.6 | 7.7 |
| 13:35 | 105 | 31 | 326.0 | 827 | 854 | -27.1 | -3 | 18 | 6.5 | 8.0 |
| 13:40 | 105 | 30 | 330.5 | 830 | 854 | -27.0 | -4 | 12 | 6.9 | 7.4 |
| 13:45 | 105 | 31 | 330.0 | 831 | 854 | -27.0 | -5 | 14 | 7.1 | 7.0 |
| 13:50 | 105 | 31 | 312.5 | 829 | 854 | -27.1 | -6 | 14 | 6.6 | 7.4 |
| 13:55 | 105 | 31 | 326.0 | 831 | 854 | -27.0 | -2 | 13 | 7.3 | 7.8 |
| 14:00 | 105 | 31 | 311.5 | 828 | 854 | -27.1 | 1  | 21 | 8.5 | 7.9 |
| 14:05 | 105 | 30 | 323.0 | 830 | 854 | -27.1 | -5 | 24 | 7.4 | 7.9 |
| 14:10 | 104 | 33 | 319.0 | 831 | 854 | -27.2 | -3 | 16 | 8.8 | 6.6 |
| 14:15 | 104 | 33 | 323.5 | 831 | 855 | -27.2 | -0 | 27 | 7.7 | 7.9 |
| 14:20 | 103 | 33 | 314.5 | 828 | 854 | -27.3 | -3 | 23 | 7.4 | 8.2 |
| 14:25 | 102 | 33 | 304.0 | 823 | 854 | -27.3 | 2  | 22 | 7.3 | 8.1 |
| 14:30 | 102 | 33 | 324.5 | 829 | 854 | -27.3 | 2  | 19 | 7.6 | 7.7 |
| 14:35 | 103 | 33 | 323.5 | 832 | 854 | -27.2 | 1  | 17 | 7.5 | 6.9 |
| 14:40 | 104 | 33 | 338.0 | 930 | 854 | -27.2 | 8  | 21 | 7.5 | 7.1 |
| 14:45 | 103 | 33 | 327.0 | 828 | 854 | -27.3 | -1 | 16 | 7.3 | 8.4 |
| 14:50 | 103 | 33 | 330.5 | 831 | 854 | -27.2 | 10 | 17 | 6.9 | 7.5 |
| 14:55 | 103 | 33 | 332.5 | 832 | 854 | -27.2 | 7  | 27 | 7.8 | 8.1 |
| 15:00 | 102 | 33 | 313.5 | 828 | 854 | -27.3 | 3  | 42 | 6.8 | 8.0 |
| 15:05 | 101 | 33 | 294.5 | 829 | 853 | -27.4 | 21 | 59 | 8.0 | 8.5 |
| 15:10 | 102 | 33 | 312.0 | 831 | 853 | -27.4 | 33 | 40 | 3.1 | 8.2 |
| 15:15 | 102 | 33 | 297.5 | 832 | 855 | -27.4 | 16 | 26 | 7.9 | 8.9 |
| 15:20 | 102 | 33 | 327.0 | 833 | 854 | -27.3 | 25 | 29 | 8.6 | 7.6 |
| 15:25 | 103 | 33 | 322.5 | 832 | 854 | -27.3 | 22 | 26 | 8.0 | 7.5 |
| 15:30 | 102 | 33 | 314.5 | 832 | 854 | -27.3 | 12 | 30 | 8.0 | 7.9 |
| 15:35 | 102 | 33 | 320.5 | 831 | 854 | -27.3 | 5  | 19 | 7.9 | 6.9 |
| 15:40 | 102 | 33 | 320.0 | 830 | 854 | -27.3 | 13 | 30 | 7.9 | 6.9 |
| 15:45 | 103 | 33 | 330.0 | 828 | 854 | -27.2 | 7  | 23 | 8.6 | 7.3 |
| 15:50 | 102 | 33 | 313.0 | 828 | 854 | -27.3 | 10 | 32 | 6.8 | 7.7 |
| 15:55 | 102 | 33 | 330.0 | 830 | 854 | -27.3 | 10 | 33 | 8.3 | 7.2 |
| 16:00 | 102 | 33 | 332.5 | 831 | 854 | -27.2 | 15 | 28 | 7.8 | 7.1 |
| 16:05 | 102 | 33 | 326.5 | 829 | 854 | -27.3 | 16 | 17 | 7.6 | 7.2 |
| 16:10 | 102 | 33 | 312.5 | 823 | 854 | -27.3 | 14 | 19 | 7.6 | 8.3 |
| 16:15 | 102 | 33 | 307.5 | 829 | 854 | -27.3 | 17 | 27 | 8.1 | 8.0 |
| 16:20 | 102 | 33 | 309.0 | 830 | 854 | -27.3 | 13 | 26 | 7.7 | 7.5 |
| 16:25 | 102 | 37 | 307.0 | 834 | 854 | -27.2 | 4  | 24 | 7.4 | 8.0 |
| 16:30 | 102 | 33 | 320.0 | 833 | 853 | -27.3 | 0  | 13 | 7.7 | 7.3 |

|     |        |       |        |        |        |        |       |       |      |      |
|-----|--------|-------|--------|--------|--------|--------|-------|-------|------|------|
| MIN | 100.89 | 27.13 | 286.00 | 815.00 | 853.00 | -27.44 | -5.70 | 3.53  | 6.33 | 6.63 |
| MAX | 104.13 | 31.32 | 339.00 | 835.00 | 855.00 | -26.87 | 33.25 | 38.50 | 3.06 | 8.89 |
| Avg | 103.40 |       | 221.90 |        | 853.26 |        | 4.38  |       | 7.62 |      |
|     |        | 33.02 |        | 823.65 |        | -27.12 |       | 13.56 |      | 7.66 |

EDM OUT TEMPS MOVED TO LOG 21  
DUE TO SPACE LIMITATIONS

- 1 118-06048 FURNACE SIDEWALL TEMP
- 2 118-06019 FURNACE ROOF TEMP
- 3 118-06088 2ND PASS EXIT TEMP
- 4 118-06188 3RD PASS INLET TEMP
- 5 118-06158 4TH PASS INLET TEMP
- 6 118-06178 500N INLET TEMP
- 7 118-06148 500N EXIT TEMP
- 8 118-06224 UNHEATED COMB AIR TEMP
- 9 118-06079 50N HTR INLET TEMP
- 10 118-06188 50N HTR OUTLET TEMP

|       | 1    | 2    | 3    | 4    | 5   | 6   | 7   | 8  | 9   | 10  |
|-------|------|------|------|------|-----|-----|-----|----|-----|-----|
| 00:00 | 1588 | 1498 | 1264 | 1092 | 812 | 751 | 472 | 87 | 287 | 96  |
| 00:05 | 1575 | 1500 | 1272 | 1090 | 805 | 742 | 419 | 87 | 286 | 96  |
| 00:10 | 1528 | 1500 | 1266 | 1090 | 804 | 738 | 419 | 86 | 285 | 96  |
| 01:00 | 1582 | 1514 | 1273 | 1106 | 809 | 749 | 439 | 86 | 286 | 96  |
| 01:10 | 1570 | 1492 | 1258 | 1100 | 801 | 749 | 429 | 86 | 288 | 96  |
| 01:20 | 1580 | 1502 | 1270 | 1110 | 797 | 748 | 421 | 87 | 286 | 96  |
| 01:40 | 1582 | 1514 | 1274 | 1114 | 803 | 740 | 417 | 87 | 286 | 97  |
| 02:00 | 1558 | 1492 | 1264 | 1102 | 804 | 741 | 416 | 87 | 288 | 96  |
| 02:15 | 1548 | 1506 | 1268 | 1112 | 802 | 730 | 413 | 87 | 287 | 96  |
| 02:30 | 1562 | 1484 | 1254 | 1090 | 791 | 724 | 407 | 86 | 287 | 96  |
| 02:45 | 1552 | 1516 | 1262 | 1104 | 798 | 724 | 406 | 86 | 288 | 96  |
| 03:00 | 1550 | 1540 | 1278 | 1110 | 795 | 724 | 404 | 86 | 288 | 96  |
| 03:15 | 1554 | 1534 | 1278 | 1112 | 794 | 728 | 404 | 86 | 287 | 96  |
| 03:30 | 1586 | 1532 | 1276 | 1114 | 791 | 728 | 404 | 86 | 288 | 96  |
| 03:45 | 1562 | 1528 | 1272 | 1110 | 797 | 725 | 404 | 86 | 289 | 96  |
| 04:00 | 1571 | 1514 | 1266 | 1104 | 792 | 722 | 403 | 85 | 288 | 96  |
| 04:15 | 1594 | 1502 | 1276 | 1110 | 792 | 727 | 405 | 85 | 288 | 96  |
| 04:30 | 1574 | 1533 | 1278 | 1116 | 801 | 722 | 403 | 85 | 289 | 96  |
| 04:45 | 1582 | 1538 | 1282 | 1121 | 803 | 733 | 406 | 84 | 289 | 96  |
| 05:00 | 1584 | 1540 | 1282 | 1120 | 804 | 733 | 407 | 85 | 287 | 96  |
| 05:15 | 1588 | 1542 | 1284 | 1122 | 806 | 735 | 408 | 85 | 288 | 96  |
| 05:30 | 1552 | 1510 | 1264 | 1108 | 799 | 730 | 407 | 84 | 287 | 96  |
| 05:45 | 1586 | 1544 | 1284 | 1126 | 807 | 725 | 408 | 85 | 289 | 96  |
| 06:00 | 1554 | 1530 | 1274 | 1112 | 800 | 720 | 407 | 85 | 287 | 96  |
| 06:15 | 1544 | 1540 | 1280 | 1118 | 804 | 722 | 408 | 85 | 287 | 96  |
| 06:30 | 1548 | 1532 | 1276 | 1116 | 804 | 731 | 408 | 85 | 286 | 96  |
| 06:45 | 1584 | 1538 | 1278 | 1114 | 801 | 740 | 408 | 84 | 288 | 96  |
| 07:00 | 1568 | 1524 | 1278 | 1118 | 804 | 733 | 408 | 85 | 288 | 96  |
| 07:15 | 1546 | 1536 | 1274 | 1116 | 804 | 733 | 408 | 84 | 288 | 96  |
| 07:30 | 1544 | 1532 | 1274 | 1116 | 804 | 732 | 408 | 85 | 287 | 96  |
| 07:45 | 1574 | 1512 | 1262 | 1120 | 806 | 734 | 408 | 86 | 286 | 96  |
| 08:00 | 1514 | 1500 | 1264 | 1108 | 800 | 730 | 408 | 84 | 286 | 97  |
| 08:15 | 1484 | 1470 | 1230 | 1088 | 796 | 729 | 403 | 87 | 285 | 98  |
| 08:30 | 1535 | 1524 | 1278 | 1118 | 809 | 732 | 412 | 82 | 287 | 98  |
| 08:45 | 1546 | 1530 | 1278 | 1116 | 806 | 733 | 411 | 82 | 288 | 98  |
| 09:00 | 1544 | 1536 | 1278 | 1116 | 808 | 735 | 413 | 82 | 288 | 100 |
| 09:15 | 1524 | 1532 | 1284 | 1122 | 811 | 737 | 412 | 82 | 288 | 101 |
| 09:30 | 1564 | 1522 | 1278 | 1124 | 808 | 726 | 412 | 81 | 282 | 102 |
| 09:45 | 1570 | 1524 | 1284 | 1126 | 812 | 724 | 412 | 81 | 280 | 102 |
| 10:00 | 1582 | 1530 | 1282 | 1110 | 806 | 735 | 412 | 81 | 288 | 104 |
| 10:15 | 1562 | 1532 | 1274 | 1120 | 810 | 738 | 413 | 84 | 288 | 105 |
| 10:30 | 1548 | 1534 | 1272 | 1118 | 809 | 732 | 412 | 85 | 300 | 105 |
| 10:45 | 1578 | 1548 | 1288 | 1132 | 815 | 741 | 413 | 86 | 301 | 106 |
| 11:00 | 1558 | 1514 | 1262 | 1114 | 801 | 736 | 411 | 86 | 301 | 104 |
| 11:15 | 1574 | 1536 | 1286 | 1120 | 812 | 741 | 413 | 86 | 300 | 106 |
| 11:30 | 1572 | 1538 | 1282 | 1122 | 812 | 741 | 412 | 87 | 302 | 106 |

|       |      |      |      |      |     |     |     |     |     |     |
|-------|------|------|------|------|-----|-----|-----|-----|-----|-----|
| 12:40 | 1576 | 1538 | 1222 | 1130 | 813 | 742 | 412 | 98  | 302 | 108 |
| 13:00 | 1570 | 1546 | 1220 | 1130 | 813 | 741 | 412 | 99  | 301 | 109 |
| 13:15 | 1568 | 1544 | 1222 | 1129 | 813 | 742 | 412 | 99  | 301 | 109 |
| 13:30 | 1552 | 1532 | 1224 | 1126 | 813 | 741 | 412 | 99  | 300 | 109 |
| 13:45 | 1550 | 1538 | 1225 | 1130 | 814 | 743 | 414 | 100 | 301 | 109 |
| 14:00 | 1548 | 1534 | 1278 | 1124 | 814 | 743 | 414 | 100 | 301 | 110 |
| 14:15 | 1546 | 1512 | 1272 | 1124 | 815 | 744 | 415 | 100 | 300 | 110 |
| 14:30 | 1548 | 1530 | 1224 | 1134 | 817 | 747 | 417 | 100 | 302 | 110 |
| 14:45 | 1538 | 1522 | 1278 | 1126 | 815 | 745 | 415 | 101 | 301 | 110 |
| 15:00 | 1536 | 1528 | 1274 | 1124 | 809 | 741 | 412 | 100 | 301 | 110 |
| 15:15 | 1532 | 1510 | 1272 | 1118 | 807 | 736 | 412 | 101 | 300 | 110 |
| 15:30 | 1510 | 1524 | 1224 | 1136 | 817 | 744 | 414 | 100 | 301 | 109 |
| 15:45 | 1524 | 1530 | 1224 | 1138 | 817 | 746 | 413 | 100 | 301 | 109 |
| 16:00 | 1552 | 1503 | 1265 | 1118 | 812 | 741 | 414 | 100 | 300 | 109 |
| 16:15 | 1572 | 1344 | 1222 | 1136 | 820 | 749 | 415 | 99  | 300 | 107 |
| 16:30 | 1570 | 1534 | 1254 | 1118 | 807 | 733 | 413 | 96  | 300 | 105 |
| 16:45 | 1562 | 1528 | 1288 | 1130 | 817 | 745 | 414 | 94  | 299 | 103 |
| 17:00 | 1545 | 1529 | 1270 | 1124 | 816 | 745 | 417 | 95  | 298 | 103 |
| 17:15 | 1588 | 1540 | 1222 | 1132 | 820 | 748 | 417 | 94  | 301 | 101 |
| 17:30 | 1584 | 1540 | 1222 | 1132 | 819 | 748 | 415 | 93  | 300 | 100 |
| 17:45 | 1570 | 1520 | 1268 | 1124 | 814 | 746 | 415 | 92  | 299 | 99  |
| 18:00 | 1562 | 1514 | 1268 | 1126 | 818 | 747 | 416 | 91  | 299 | 98  |
| 18:15 | 1560 | 1528 | 1294 | 1136 | 825 | 753 | 420 | 91  | 299 | 98  |
| 18:30 | 1574 | 1534 | 1284 | 1134 | 820 | 743 | 418 | 90  | 300 | 97  |
| 18:45 | 1536 | 1542 | 1288 | 1134 | 817 | 747 | 415 | 89  | 299 | 97  |
| 19:00 | 1572 | 1550 | 1302 | 1140 | 824 | 752 | 417 | 89  | 298 | 97  |
| 19:15 | 1568 | 1554 | 1300 | 1146 | 827 | 753 | 419 | 89  | 298 | 96  |
| 19:30 | 1538 | 1530 | 1270 | 1136 | 821 | 750 | 418 | 88  | 297 | 97  |
| 19:45 | 1544 | 1542 | 1282 | 1124 | 817 | 737 | 418 | 88  | 294 | 96  |
| 20:00 | 1584 | 1554 | 1309 | 1132 | 806 | 745 | 415 | 88  | 295 | 96  |
| 20:15 | 1580 | 1544 | 1295 | 1136 | 797 | 740 | 414 | 88  | 295 | 96  |
| 20:30 | 1516 | 1543 | 1298 | 1140 | 804 | 738 | 411 | 88  | 295 | 96  |
| 20:45 | 1558 | 1514 | 1270 | 1122 | 801 | 732 | 407 | 88  | 297 | 95  |
| 21:00 | 1536 | 1498 | 1264 | 1112 | 800 | 723 | 406 | 87  | 297 | 96  |
| 21:15 | 1548 | 1534 | 1288 | 1130 | 805 | 733 | 407 | 87  | 296 | 95  |
| 21:30 | 1530 | 1522 | 1274 | 1124 | 801 | 723 | 406 | 86  | 296 | 95  |
| 21:45 | 1576 | 1524 | 1274 | 1122 | 792 | 728 | 405 | 85  | 299 | 95  |
| 22:00 | 1534 | 1502 | 1260 | 1114 | 791 | 725 | 405 | 84  | 297 | 94  |
| 22:15 | 1576 | 1538 | 1290 | 1132 | 805 | 732 | 406 | 85  | 298 | 95  |
| 22:30 | 1574 | 1548 | 1292 | 1138 | 807 | 735 | 407 | 85  | 298 | 94  |
| 22:45 | 1556 | 1538 | 1270 | 1120 | 805 | 734 | 407 | 85  | 297 | 94  |
| 23:00 | 1548 | 1512 | 1268 | 1122 | 801 | 730 | 406 | 85  | 296 | 95  |
| 23:15 | 1572 | 1520 | 1276 | 1130 | 808 | 735 | 410 | 85  | 296 | 95  |
| 23:30 | 1544 | 1520 | 1280 | 1136 | 813 | 740 | 412 | 86  | 295 | 95  |
| 23:45 | 1556 | 1548 | 1306 | 1148 | 820 | 746 | 414 | 85  | 298 | 94  |
| 00:00 | 1548 | 1530 | 1224 | 1136 | 813 | 742 | 413 | 85  | 297 | 94  |

|     |         |         |         |         |        |        |        |        |        |        |
|-----|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| NIX | 1484.00 | 1470.00 | 1230.00 | 1068.00 | 791.00 | 723.00 | 402.50 | 84.25  | 293.50 | 94.00  |
| KRX | 1616.00 | 1554.00 | 1304.00 | 1148.00 | 827.00 | 755.00 | 421.50 | 100.63 | 301.50 | 110.25 |
| SVG | 1552.31 |         | 1278.53 |         | 808.13 |        | 411.53 |        | 298.34 |        |
|     |         | 1526.63 |         | 1131.73 |        | 757.03 |        | 90.12  |        | 93.47  |



- 1 RI-40004 EXCESS OXYGEN
- 2 PIR-0007A STEAM DRUM PRESS
- 3 IIR-0102A FUEL 3/4 STM IN
- 4 IIR-0103A FUEL 3/4 STM OUT
- 5 IIR-0107A FANBL 3/4 STM IN
- 6 IIR-0107B FANBL 3/4 STM OUT
- 7 IIR-06004 FURN PRESS
- 8 IIR-06005 3/4 DIFF PRESS
- 9 IIR-06006 10 FAN AMPS
- 10 IIR-06008 COOL WATER INLET

TIME

|       | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9  | 10  |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 00:15 | 7.8 | 881 | 541 | 700 | 740 | 818 | 0.1  | 0.2 | 82 | 289 |
| 00:20 | 8.5 | 881 | 541 | 690 | 732 | 811 | 0.1  | 0.1 | 82 | 289 |
| 00:45 | 8.8 | 885 | 541 | 691 | 735 | 821 | 0.2  | 0.2 | 82 | 289 |
| 01:00 | 8.4 | 886 | 542 | 682 | 733 | 819 | 0.1  | 0.2 | 82 | 289 |
| 01:15 | 8.6 | 878 | 541 | 683 | 742 | 822 | 0.1  | 0.2 | 82 | 289 |
| 01:30 | 7.7 | 887 | 541 | 689 | 748 | 830 | 0.2  | 0.2 | 84 | 290 |
| 01:45 | 8.4 | 888 | 541 | 690 | 747 | 832 | 0.1  | 0.2 | 84 | 289 |
| 02:00 | 8.9 | 888 | 540 | 695 | 751 | 834 | 0.0  | 0.2 | 82 | 290 |
| 02:15 | 7.4 | 886 | 541 | 692 | 747 | 830 | -0.7 | 0.2 | 82 | 290 |
| 02:30 | 8.5 | 877 | 541 | 686 | 740 | 823 | -0.3 | 0.2 | 76 | 290 |
| 02:45 | 7.6 | 890 | 540 | 685 | 741 | 825 | -0.1 | 0.2 | 76 | 290 |
| 03:00 | 7.7 | 884 | 541 | 683 | 742 | 827 | -0.4 | 0.2 | 78 | 290 |
| 03:15 | 7.5 | 890 | 541 | 685 | 742 | 827 | -0.2 | 0.2 | 79 | 290 |
| 03:30 | 7.4 | 883 | 541 | 686 | 743 | 830 | -0.5 | 0.2 | 78 | 290 |
| 03:45 | 8.1 | 883 | 541 | 687 | 746 | 830 | -0.4 | 0.2 | 76 | 290 |
| 04:00 | 7.5 | 879 | 540 | 684 | 742 | 826 | -0.2 | 0.2 | 76 | 290 |
| 04:15 | 7.0 | 885 | 541 | 682 | 747 | 831 | -0.3 | 0.2 | 76 | 290 |
| 04:30 | 7.7 | 881 | 541 | 686 | 746 | 823 | -0.1 | 0.2 | 78 | 290 |
| 04:45 | 7.3 | 888 | 541 | 689 | 748 | 832 | -0.2 | 0.2 | 79 | 290 |
| 05:00 | 8.0 | 884 | 541 | 688 | 747 | 830 | -0.2 | 0.2 | 78 | 290 |
| 05:15 | 7.8 | 882 | 541 | 691 | 748 | 831 | -0.4 | 0.2 | 78 | 290 |
| 05:30 | 8.7 | 874 | 540 | 689 | 748 | 827 | -0.4 | 0.2 | 78 | 290 |
| 05:45 | 8.5 | 889 | 542 | 689 | 747 | 830 | -0.4 | 0.2 | 76 | 290 |
| 06:00 | 7.3 | 879 | 541 | 688 | 743 | 825 | -0.2 | 0.2 | 76 | 290 |
| 06:15 | 7.6 | 873 | 540 | 689 | 743 | 825 | -0.3 | 0.2 | 78 | 290 |
| 06:30 | 7.1 | 882 | 540 | 684 | 743 | 822 | -0.2 | 0.2 | 72 | 290 |
| 06:45 | 8.0 | 882 | 540 | 688 | 743 | 824 | -0.1 | 0.2 | 73 | 290 |
| 07:00 | 8.4 | 881 | 541 | 688 | 744 | 827 | -0.1 | 0.2 | 75 | 290 |
| 07:15 | 7.6 | 872 | 540 | 690 | 745 | 828 | -0.3 | 0.2 | 78 | 290 |
| 07:30 | 8.5 | 881 | 540 | 694 | 743 | 830 | -0.3 | 0.2 | 78 | 290 |
| 07:45 | 8.3 | 882 | 541 | 689 | 744 | 832 | -0.3 | 0.2 | 78 | 290 |
| 08:00 | 8.1 | 882 | 540 | 689 | 741 | 824 | -0.3 | 0.2 | 76 | 290 |
| 08:15 | 8.2 | 888 | 538 | 695 | 747 | 827 | -0.3 | 0.2 | 76 | 290 |
| 08:30 | 7.8 | 884 | 541 | 686 | 750 | 832 | -0.3 | 0.2 | 79 | 290 |
| 08:45 | 8.2 | 884 | 541 | 690 | 744 | 827 | -0.3 | 0.2 | 78 | 290 |
| 09:00 | 7.0 | 879 | 540 | 691 | 744 | 829 | -0.2 | 0.2 | 78 | 290 |
| 09:15 | 7.1 | 884 | 541 | 694 | 743 | 831 | -0.2 | 0.2 | 73 | 290 |
| 09:30 | 7.2 | 885 | 541 | 692 | 743 | 823 | -0.3 | 0.2 | 73 | 290 |
| 09:45 | 8.2 | 884 | 541 | 693 | 747 | 830 | -0.2 | 0.2 | 79 | 290 |
| 10:00 | 7.4 | 873 | 539 | 694 | 744 | 826 | -0.3 | 0.2 | 78 | 290 |
| 10:15 | 7.1 | 884 | 541 | 683 | 745 | 828 | -0.5 | 0.2 | 73 | 290 |
| 10:30 | 7.6 | 877 | 540 | 691 | 743 | 826 | -0.3 | 0.2 | 78 | 290 |
| 10:45 | 7.4 | 880 | 542 | 694 | 748 | 833 | -0.4 | 0.2 | 73 | 290 |
| 11:00 | 8.0 | 874 | 540 | 693 | 743 | 825 | -0.1 | 0.2 | 75 | 290 |
| 11:15 | 7.1 | 897 | 541 | 692 | 747 | 830 | -0.1 | 0.2 | 78 | 289 |
| 11:30 | 7.1 | 881 | 541 | 691 | 747 | 828 | 0.0  | 0.2 | 78 | 290 |

|       |     |     |     |     |     |     |      |     |    |     |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 12:40 | 7.6 | 985 | 541 | 692 | 744 | 827 | -0.3 | 0.2 | 78 | 290 |
| 12:45 | 7.8 | 989 | 541 | 692 | 744 | 827 | -0.3 | 0.2 | 78 | 290 |
| 13:00 | 8.1 | 992 | 541 | 691 | 743 | 826 | -0.4 | 0.2 | 78 | 289 |
| 13:15 | 8.2 | 978 | 540 | 692 | 745 | 828 | -0.4 | 0.2 | 78 | 290 |
| 13:30 | 7.3 | 982 | 541 | 697 | 748 | 830 | -0.2 | 0.2 | 78 | 289 |
| 13:45 | 7.2 | 982 | 541 | 699 | 749 | 828 | -0.5 | 0.2 | 76 | 290 |
| 14:00 | 7.5 | 979 | 540 | 695 | 745 | 828 | -0.2 | 0.2 | 78 | 290 |
| 14:15 | 8.5 | 981 | 540 | 700 | 744 | 831 | -0.5 | 0.2 | 79 | 290 |
| 14:30 | 7.5 | 997 | 541 | 695 | 746 | 829 | -0.4 | 0.2 | 78 | 290 |
| 14:45 | 8.1 | 982 | 541 | 693 | 743 | 825 | -0.4 | 0.2 | 76 | 290 |
| 15:00 | 8.5 | 981 | 541 | 688 | 739 | 823 | -0.3 | 0.2 | 75 | 290 |
| 15:15 | 8.5 | 980 | 540 | 694 | 749 | 825 | -0.2 | 0.2 | 75 | 290 |
| 15:30 | 8.2 | 983 | 541 | 693 | 745 | 831 | -0.2 | 0.2 | 78 | 290 |
| 15:45 | 7.1 | 982 | 541 | 691 | 745 | 829 | -0.2 | 0.2 | 76 | 290 |
| 16:00 | 8.8 | 974 | 539 | 698 | 747 | 829 | -0.2 | 0.2 | 78 | 290 |
| 16:15 | 7.3 | 986 | 541 | 695 | 748 | 831 | -0.2 | 0.2 | 78 | 290 |
| 16:30 | 8.5 | 979 | 540 | 692 | 742 | 824 | -0.2 | 0.2 | 75 | 290 |
| 16:45 | 7.4 | 982 | 541 | 697 | 748 | 830 | -0.4 | 0.2 | 78 | 290 |
| 17:00 | 8.2 | 979 | 540 | 697 | 747 | 829 | -0.3 | 0.2 | 78 | 291 |
| 17:15 | 7.7 | 982 | 541 | 696 | 748 | 831 | -0.3 | 0.2 | 78 | 290 |
| 17:30 | 7.4 | 983 | 540 | 695 | 744 | 827 | -0.2 | 0.2 | 78 | 291 |
| 17:45 | 7.3 | 974 | 540 | 694 | 743 | 826 | -0.2 | 0.2 | 76 | 290 |
| 18:00 | 7.6 | 979 | 540 | 698 | 746 | 829 | -0.2 | 0.2 | 78 | 290 |
| 18:15 | 7.9 | 982 | 541 | 702 | 750 | 832 | -0.6 | 0.2 | 79 | 290 |
| 18:30 | 7.5 | 986 | 541 | 695 | 744 | 828 | -0.3 | 0.2 | 76 | 290 |
| 18:45 | 7.3 | 983 | 541 | 691 | 740 | 824 | -0.3 | 0.2 | 75 | 290 |
| 19:00 | 8.2 | 983 | 541 | 696 | 745 | 829 | -0.5 | 0.2 | 76 | 290 |
| 19:15 | 7.8 | 989 | 541 | 698 | 749 | 832 | -0.2 | 0.2 | 78 | 290 |
| 19:30 | 8.8 | 978 | 541 | 700 | 746 | 828 | -0.2 | 0.2 | 78 | 290 |
| 19:45 | 8.6 | 984 | 541 | 690 | 737 | 824 | -0.5 | 0.2 | 78 | 289 |
| 20:00 | 8.1 | 982 | 541 | 677 | 735 | 824 | -0.3 | 0.2 | 76 | 290 |
| 20:15 | 7.9 | 982 | 541 | 685 | 741 | 829 | -0.4 | 0.2 | 78 | 289 |
| 20:30 | 8.6 | 987 | 542 | 690 | 749 | 836 | -0.5 | 0.2 | 78 | 289 |
| 20:45 | 8.6 | 977 | 540 | 695 | 749 | 832 | -0.2 | 0.2 | 76 | 290 |
| 21:00 | 8.0 | 974 | 540 | 698 | 750 | 831 | -0.3 | 0.2 | 76 | 290 |
| 21:15 | 7.9 | 981 | 541 | 695 | 747 | 830 | -0.2 | 0.2 | 76 | 290 |
| 21:30 | 7.9 | 980 | 540 | 694 | 746 | 827 | -0.3 | 0.2 | 76 | 290 |
| 21:45 | 8.6 | 973 | 541 | 690 | 742 | 825 | -0.3 | 0.2 | 75 | 290 |
| 22:00 | 8.8 | 974 | 539 | 695 | 743 | 826 | -0.2 | 0.2 | 75 | 290 |
| 22:15 | 8.3 | 982 | 541 | 692 | 745 | 830 | -0.2 | 0.2 | 76 | 290 |
| 22:30 | 7.8 | 984 | 541 | 694 | 745 | 829 | -0.2 | 0.2 | 75 | 290 |
| 22:45 | 7.2 | 479 | 540 | 694 | 746 | 828 | -0.2 | 0.2 | 76 | 290 |
| 23:00 | 7.8 | 973 | 540 | 697 | 748 | 822 | -0.4 | 0.2 | 75 | 290 |
| 23:15 | 8.1 | 980 | 540 | 698 | 740 | 829 | -0.1 | 0.2 | 78 | 290 |
| 23:30 | 7.7 | 979 | 540 | 698 | 747 | 830 | -0.3 | 0.2 | 79 | 290 |
| 23:45 | 7.4 | 980 | 542 | 701 | 750 | 832 | -0.4 | 0.2 | 79 | 290 |
| 00:00 | 7.7 | 982 | 541 | 700 | 745 | 828 | -0.2 | 0.2 | 78 | 291 |

|     |      |        |        |        |        |        |       |      |       |        |
|-----|------|--------|--------|--------|--------|--------|-------|------|-------|--------|
| 818 | 8.33 | 988.00 | 538.00 | 677.00 | 792.00 | 811.00 | -0.77 | 0.20 | 74.88 | 299.00 |
| 898 | 7.05 | 990.00 | 542.00 | 702.00 | 751.00 | 834.00 | 0.21  | 0.24 | 83.75 | 299.50 |
| 908 | 7.82 |        | 540.55 |        | 744.85 |        | -0.28 |      | 77.78 |        |
|     |      | 981.82 |        | 622.24 |        | 822.07 |       | 0.21 |       | 289.71 |

1997 1

1 TIR-05048 FURNACE BLOWERALL TEMP  
 2 TIR-05012 FURNACE ROOF TEMP  
 3 TIR-05088 2ND PASS EXIT TEMP  
 4 TIR-05108 3RD 3/4 INLET TEMP  
 5 TIR-05188 1ST 3/4 INLET TEMP  
 6 TIR-05178 3RD INLET TEMP  
 7 TIR-05128 3RD EXIT TEMP  
 8 TIR-05028 UNHEATED COMB AIR TEMP  
 9 TIR-05038 SEA HTR QUILET TEMP  
 10 TIR-05182 SEA HTR QUILET TEMP

TIME

|       | 1    | 2    | 3    | 4    | 5   | 6   | 7   | 8  | 9   | 10  |
|-------|------|------|------|------|-----|-----|-----|----|-----|-----|
| 00:15 | 1518 | 1567 | 1310 | 1108 | 830 | 762 | 443 | 80 | 318 | 94  |
| 00:30 | 1500 | 1498 | 1300 | 1036 | 820 | 761 | 447 | 79 | 317 | 94  |
| 00:45 | 1532 | 1538 | 1300 | 1034 | 819 | 761 | 449 | 79 | 315 | 94  |
| 01:00 | 1544 | 1530 | 1298 | 1082 | 818 | 759 | 443 | 78 | 317 | 94  |
| 01:15 | 1553 | 1510 | 1314 | 1122 | 822 | 765 | 447 | 79 | 318 | 94  |
| 01:30 | 1550 | 1572 | 1302 | 1114 | 815 | 758 | 445 | 79 | 316 | 94  |
| 01:45 | 1534 | 1568 | 1310 | 1118 | 819 | 760 | 441 | 79 | 317 | 94  |
| 02:00 | 1536 | 1552 | 1302 | 1108 | 814 | 757 | 437 | 79 | 319 | 94  |
| 02:15 | 1528 | 1550 | 1294 | 1100 | 808 | 751 | 436 | 79 | 318 | 94  |
| 02:30 | 1532 | 1526 | 1294 | 1110 | 815 | 756 | 436 | 79 | 318 | 93  |
| 02:45 | 1542 | 1516 | 1312 | 1122 | 822 | 761 | 439 | 79 | 319 | 93  |
| 03:00 | 1554 | 1528 | 1314 | 1114 | 819 | 757 | 438 | 79 | 319 | 94  |
| 03:15 | 1558 | 1554 | 1304 | 1114 | 820 | 760 | 439 | 79 | 319 | 93  |
| 03:30 | 1572 | 1586 | 1312 | 1124 | 823 | 762 | 440 | 79 | 320 | 93  |
| 03:45 | 1570 | 1598 | 1316 | 1124 | 824 | 763 | 439 | 79 | 320 | 93  |
| 04:00 | 1528 | 1590 | 1316 | 1124 | 824 | 763 | 439 | 78 | 319 | 92  |
| 04:15 | 1540 | 1564 | 1306 | 1110 | 819 | 758 | 439 | 78 | 319 | 93  |
| 04:30 | 1543 | 1590 | 1320 | 1130 | 829 | 767 | 443 | 78 | 320 | 92  |
| 04:45 | 1540 | 1582 | 1316 | 1124 | 826 | 764 | 441 | 78 | 320 | 92  |
| 05:00 | 1514 | 1564 | 1306 | 1110 | 821 | 759 | 440 | 78 | 319 | 93  |
| 05:15 | 1522 | 1576 | 1310 | 1114 | 826 | 763 | 443 | 78 | 319 | 92  |
| 05:30 | 1524 | 1534 | 1310 | 1116 | 825 | 762 | 442 | 78 | 318 | 92  |
| 05:45 | 1540 | 1560 | 1320 | 1124 | 827 | 764 | 442 | 78 | 320 | 92  |
| 06:00 | 1536 | 1582 | 1316 | 1120 | 825 | 762 | 442 | 78 | 319 | 92  |
| 06:15 | 1514 | 1582 | 1314 | 1114 | 826 | 763 | 442 | 78 | 319 | 92  |
| 06:30 | 1520 | 1594 | 1312 | 1120 | 826 | 764 | 443 | 78 | 317 | 92  |
| 06:45 | 1528 | 1588 | 1310 | 1114 | 825 | 763 | 442 | 78 | 319 | 93  |
| 07:00 | 1536 | 1592 | 1314 | 1124 | 832 | 770 | 446 | 79 | 319 | 93  |
| 07:15 | 1538 | 1580 | 1310 | 1118 | 827 | 765 | 443 | 79 | 319 | 93  |
| 07:30 | 1544 | 1586 | 1310 | 1124 | 828 | 766 | 443 | 79 | 318 | 93  |
| 07:45 | 1556 | 1510 | 1286 | 1094 | 820 | 758 | 443 | 80 | 317 | 94  |
| 08:00 | 1588 | 1544 | 1290 | 1110 | 830 | 767 | 450 | 80 | 316 | 95  |
| 08:15 | 1596 | 1588 | 1284 | 1120 | 829 | 767 | 447 | 81 | 316 | 95  |
| 08:30 | 1602 | 1588 | 1300 | 1126 | 831 | 769 | 447 | 82 | 317 | 96  |
| 08:45 | 1522 | 1588 | 1304 | 1128 | 832 | 769 | 445 | 82 | 319 | 97  |
| 09:00 | 1524 | 1560 | 1302 | 1122 | 829 | 767 | 444 | 84 | 319 | 98  |
| 09:15 | 1540 | 1550 | 1304 | 1124 | 832 | 770 | 446 | 84 | 319 | 99  |
| 09:30 | 1550 | 1594 | 1306 | 1128 | 835 | 770 | 446 | 85 | 320 | 100 |
| 09:45 | 1550 | 1588 | 1306 | 1132 | 830 | 771 | 445 | 86 | 321 | 100 |
| 10:00 | 1538 | 1550 | 1298 | 1122 | 827 | 767 | 444 | 87 | 318 | 101 |
| 10:15 | 1552 | 1546 | 1290 | 1118 | 826 | 766 | 444 | 88 | 319 | 103 |
| 10:30 | 1564 | 1530 | 1298 | 1134 | 833 | 774 | 448 | 89 | 320 | 103 |
| 10:45 | 1526 | 1512 | 1308 | 1138 | 838 | 775 | 447 | 89 | 321 | 103 |
| 11:00 | 1540 | 1588 | 1310 | 1136 | 839 | 776 | 448 | 90 | 321 | 104 |
| 11:15 | 1540 | 1572 | 1306 | 1122 | 826 | 774 | 442 | 90 | 321 | 103 |
| 11:30 | 1550 | 1572 | 1306 | 1122 | 826 | 774 | 442 | 90 | 320 | 103 |

|       |      |      |      |      |     |     |     |    |     |     |
|-------|------|------|------|------|-----|-----|-----|----|-----|-----|
| 12:40 | 1556 | 1558 | 1312 | 1126 | 837 | 777 | 447 | 92 | 322 | 105 |
| 13:00 | 1558 | 1558 | 1305 | 1132 | 836 | 772 | 446 | 93 | 321 | 107 |
| 13:15 | 1558 | 1566 | 1302 | 1130 | 834 | 771 | 446 | 93 | 321 | 107 |
| 13:30 | 1558 | 1572 | 1300 | 1130 | 835 | 772 | 448 | 93 | 320 | 107 |
| 13:45 | 1544 | 1558 | 1302 | 1132 | 835 | 772 | 448 | 93 | 321 | 106 |
| 14:00 | 1552 | 1530 | 1310 | 1140 | 841 | 775 | 449 | 93 | 321 | 107 |
| 14:15 | 1562 | 1562 | 1304 | 1138 | 839 | 777 | 449 | 93 | 320 | 107 |
| 14:30 | 1570 | 1562 | 1304 | 1140 | 838 | 777 | 449 | 93 | 322 | 107 |
| 14:45 | 1584 | 1576 | 1305 | 1144 | 841 | 778 | 449 | 93 | 321 | 108 |
| 15:00 | 1562 | 1578 | 1306 | 1140 | 839 | 776 | 448 | 93 | 322 | 108 |
| 15:15 | 1566 | 1572 | 1310 | 1142 | 839 | 777 | 447 | 93 | 320 | 108 |
| 15:30 | 1594 | 1542 | 1304 | 1134 | 838 | 774 | 448 | 93 | 321 | 107 |
| 15:45 | 1580 | 1556 | 1300 | 1138 | 839 | 775 | 448 | 92 | 322 | 107 |
| 16:00 | 1590 | 1556 | 1294 | 1138 | 838 | 776 | 448 | 92 | 320 | 106 |
| 16:15 | 1574 | 1570 | 1284 | 1132 | 837 | 774 | 448 | 91 | 320 | 104 |
| 16:30 | 1592 | 1546 | 1280 | 1136 | 838 | 775 | 448 | 93 | 320 | 102 |
| 16:45 | 1572 | 1530 | 1286 | 1132 | 843 | 777 | 451 | 87 | 319 | 100 |
| 17:00 | 1582 | 1550 | 1284 | 1136 | 843 | 779 | 454 | 86 | 319 | 100 |
| 17:15 | 1692 | 1568 | 1286 | 1142 | 844 | 780 | 452 | 85 | 321 | 99  |
| 17:30 | 1574 | 1536 | 1276 | 1132 | 837 | 777 | 449 | 83 | 321 | 97  |
| 17:45 | 1674 | 1532 | 1290 | 1128 | 839 | 775 | 450 | 82 | 319 | 97  |
| 18:00 | 1642 | 1542 | 1280 | 1130 | 838 | 775 | 450 | 82 | 319 | 97  |
| 18:15 | 1672 | 1592 | 1292 | 1142 | 846 | 782 | 453 | 81 | 320 | 96  |
| 18:30 | 1702 | 1602 | 1300 | 1150 | 848 | 784 | 452 | 81 | 322 | 95  |
| 18:45 | 1690 | 1564 | 1300 | 1138 | 845 | 780 | 451 | 80 | 320 | 95  |
| 19:00 | 1676 | 1564 | 1296 | 1142 | 846 | 781 | 452 | 80 | 320 | 94  |
| 19:15 | 1678 | 1552 | 1282 | 1142 | 848 | 785 | 454 | 80 | 320 | 94  |
| 19:30 | 1696 | 1556 | 1304 | 1142 | 846 | 784 | 454 | 80 | 318 | 94  |
| 19:45 | 1578 | 1488 | 1280 | 1106 | 836 | 778 | 456 | 80 | 315 | 94  |
| 20:00 | 1574 | 1526 | 1276 | 1122 | 842 | 785 | 456 | 80 | 316 | 94  |
| 20:15 | 1626 | 1538 | 1280 | 1130 | 839 | 777 | 454 | 80 | 316 | 93  |
| 20:30 | 1630 | 1538 | 1286 | 1122 | 822 | 761 | 447 | 80 | 317 | 94  |
| 20:45 | 1644 | 1544 | 1294 | 1132 | 828 | 765 | 444 | 80 | 319 | 93  |
| 21:00 | 1634 | 1564 | 1302 | 1134 | 833 | 767 | 443 | 79 | 318 | 93  |
| 21:15 | 1604 | 1564 | 1290 | 1128 | 820 | 765 | 444 | 79 | 317 | 92  |
| 21:30 | 1602 | 1556 | 1294 | 1120 | 822 | 768 | 447 | 79 | 317 | 92  |
| 21:45 | 1620 | 1582 | 1306 | 1144 | 838 | 779 | 447 | 79 | 319 | 92  |
| 22:00 | 1622 | 1584 | 1310 | 1140 | 834 | 771 | 445 | 78 | 318 | 92  |
| 22:15 | 1618 | 1582 | 1310 | 1138 | 835 | 770 | 445 | 78 | 319 | 92  |
| 22:30 | 1628 | 1578 | 1312 | 1142 | 835 | 772 | 445 | 78 | 320 | 92  |
| 22:45 | 1630 | 1572 | 1304 | 1136 | 833 | 769 | 445 | 78 | 318 | 92  |
| 23:00 | 1628 | 1560 | 1306 | 1128 | 830 | 765 | 444 | 78 | 318 | 92  |
| 23:15 | 1638 | 1588 | 1284 | 1120 | 821 | 763 | 443 | 78 | 316 | 92  |
| 23:30 | 1604 | 1582 | 1282 | 1122 | 829 | 765 | 446 | 78 | 317 | 93  |
| 23:45 | 1642 | 1582 | 1280 | 1142 | 838 | 776 | 451 | 78 | 319 | 92  |
| 00:00 | 1626 | 1556 | 1288 | 1138 | 840 | 774 | 449 | 78 | 319 | 92  |

NIM 1556.001485.001276.001086.00 808.00 731.00 434.00 77.50 314.50 91.63  
 MAX 1702.001616.001320.001150.00 842.00 785.00 465.50 93.38 322.00 107.75  
 P98 1648.67 1301.78 891.77 446.08 318.95  
 1587.27 1126.65 769.53 82.91 97.19

- 1 40-40000 EXCESS DANGER
- 2 410-00000 STEAM DRUM ASIE
- 3 110-01000 FRI-3/4 STM IN
- 4 110-01000 FRI 3/4 STM OUT
- 5 110-01000 FINAL 3/4 STM IN
- 6 110-01000 FINAL 3/4 STM OUT
- 7 410-00000 TURB PRESS
- 8 4010-00000 3/4 DIFF PRESS
- 9 110-00000 ID FAN AMPS
- 10 410-00000 ECON WATER INLET

TIME

|       | 1   | 2   | 3   | 4   | 5   | 6   | 7    | 8   | 9  | 10  |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 00:15 | 7.9 | 970 | 540 | 709 | 747 | 822 | -0.2 | 1.4 | 75 | 284 |
| 00:30 | 8.0 | 968 | 539 | 709 | 740 | 816 | -0.1 | 1.0 | 78 | 284 |
| 00:45 | 7.3 | 979 | 540 | 702 | 741 | 820 | -0.4 | 1.0 | 75 | 284 |
| 01:00 | 6.2 | 978 | 540 | 692 | 738 | 819 | -0.3 | 1.0 | 75 | 284 |
| 01:15 | 7.5 | 989 | 542 | 694 | 746 | 834 | -0.3 | 0.8 | 75 | 284 |
| 01:30 | 7.6 | 977 | 540 | 699 | 750 | 833 | -0.2 | 1.0 | 75 | 285 |
| 01:45 | 8.0 | 981 | 540 | 704 | 755 | 829 | -0.3 | 1.2 | 75 | 284 |
| 02:00 | 8.2 | 973 | 539 | 701 | 752 | 830 | -0.3 | 1.1 | 71 | 285 |
| 02:15 | 7.6 | 971 | 539 | 697 | 746 | 825 | -0.2 | 1.3 | 71 | 285 |
| 02:30 | 7.8 | 980 | 540 | 701 | 750 | 823 | -0.2 | 1.5 | 72 | 285 |
| 02:45 | 7.6 | 983 | 540 | 702 | 753 | 832 | -0.3 | 1.5 | 73 | 285 |
| 03:00 | 8.0 | 975 | 540 | 700 | 752 | 829 | -0.3 | 1.7 | 73 | 285 |
| 03:15 | 6.8 | 972 | 540 | 704 | 758 | 829 | 0.0  | 1.3 | 75 | 285 |
| 03:30 | 7.2 | 985 | 541 | 702 | 753 | 830 | -0.3 | 1.6 | 75 | 285 |
| 03:45 | 7.9 | 984 | 541 | 702 | 751 | 829 | -0.4 | 1.6 | 78 | 285 |
| 04:00 | 7.5 | 982 | 541 | 702 | 751 | 823 | -0.4 | 1.6 | 73 | 285 |
| 04:15 | 7.2 | 971 | 539 | 701 | 749 | 825 | -0.1 | 1.5 | 78 | 285 |
| 04:30 | 7.4 | 985 | 541 | 707 | 754 | 831 | -0.3 | 1.6 | 74 | 285 |
| 04:45 | 7.8 | 981 | 541 | 702 | 751 | 828 | -0.3 | 1.5 | 73 | 285 |
| 05:00 | 7.7 | 973 | 539 | 703 | 749 | 821 | -0.4 | 1.3 | 73 | 285 |
| 05:15 | 7.4 | 975 | 540 | 705 | 752 | 827 | -0.2 | 1.4 | 73 | 285 |
| 05:30 | 7.6 | 979 | 540 | 706 | 751 | 828 | -0.3 | 1.4 | 73 | 285 |
| 05:45 | 7.4 | 982 | 541 | 701 | 748 | 826 | -0.3 | 1.3 | 73 | 285 |
| 06:00 | 7.0 | 978 | 540 | 701 | 748 | 826 | -0.4 | 1.3 | 75 | 285 |
| 06:15 | 7.7 | 975 | 540 | 704 | 751 | 826 | -0.3 | 1.3 | 73 | 285 |
| 06:30 | 8.1 | 970 | 540 | 705 | 750 | 828 | -0.2 | 1.3 | 72 | 284 |
| 06:45 | 8.4 | 974 | 540 | 702 | 746 | 826 | -0.2 | 1.3 | 73 | 285 |
| 07:00 | 7.3 | 980 | 541 | 708 | 755 | 831 | -0.3 | 1.5 | 75 | 285 |
| 07:15 | 8.0 | 974 | 539 | 709 | 749 | 827 | -0.4 | 1.2 | 73 | 285 |
| 07:30 | 7.7 | 973 | 540 | 704 | 750 | 826 | -0.3 | 1.0 | 73 | 285 |
| 07:45 | 7.4 | 958 | 537 | 710 | 751 | 826 | -0.3 | 0.7 | 73 | 285 |
| 08:00 | 7.1 | 974 | 539 | 715 | 755 | 829 | -0.3 | 0.7 | 75 | 285 |
| 08:15 | 7.7 | 977 | 540 | 707 | 750 | 828 | -0.3 | 0.7 | 74 | 285 |
| 08:30 | 7.5 | 979 | 540 | 702 | 750 | 828 | -0.4 | 0.8 | 74 | 285 |
| 08:45 | 7.5 | 981 | 540 | 702 | 751 | 829 | -0.3 | 0.8 | 73 | 285 |
| 09:00 | 8.3 | 973 | 540 | 705 | 750 | 827 | -0.5 | 0.8 | 73 | 285 |
| 09:15 | 8.0 | 977 | 540 | 708 | 752 | 828 | -0.3 | 0.8 | 74 | 285 |
| 09:30 | 7.8 | 980 | 541 | 701 | 751 | 829 | -0.3 | 0.7 | 72 | 285 |
| 09:45 | 8.3 | 980 | 540 | 701 | 750 | 828 | -0.4 | 0.8 | 73 | 285 |
| 10:00 | 7.2 | 972 | 539 | 707 | 747 | 826 | -0.4 | 0.7 | 73 | 285 |
| 10:15 | 8.1 | 989 | 539 | 706 | 748 | 826 | -0.3 | 0.6 | 73 | 285 |
| 10:30 | 7.3 | 985 | 541 | 710 | 752 | 830 | -0.2 | 0.7 | 72 | 285 |
| 10:45 | 7.3 | 984 | 541 | 706 | 750 | 831 | -0.2 | 0.7 | 73 | 285 |
| 11:00 | 7.6 | 979 | 540 | 709 | 753 | 830 | -0.2 | 0.6 | 74 | 285 |
| 11:15 | 7.5 | 978 | 540 | 710 | 752 | 828 | -0.3 | 0.7 | 73 | 285 |
| 11:30 | 7.3 | 979 | 539 | 709 | 749 | 825 | -0.3 | 0.7 | 73 | 285 |

|       |     |     |     |     |     |     |      |     |    |     |
|-------|-----|-----|-----|-----|-----|-----|------|-----|----|-----|
| 12:15 | 7.0 | 868 | 540 | 708 | 750 | 827 | -0.2 | 0.6 | 73 | 285 |
| 12:45 | 7.6 | 874 | 548 | 706 | 749 | 827 | -0.2 | 0.6 | 73 | 285 |
| 13:00 | 7.5 | 875 | 539 | 708 | 750 | 827 | -0.2 | 0.6 | 73 | 285 |
| 13:15 | 8.1 | 875 | 539 | 709 | 750 | 827 | -0.2 | 0.6 | 73 | 285 |
| 13:30 | 7.9 | 875 | 539 | 710 | 750 | 827 | -0.4 | 0.7 | 73 | 284 |
| 13:45 | 8.1 | 872 | 538 | 708 | 750 | 828 | -0.3 | 0.9 | 73 | 285 |
| 14:00 | 8.0 | 882 | 540 | 709 | 751 | 829 | -0.3 | 0.7 | 73 | 285 |
| 14:15 | 8.0 | 877 | 539 | 710 | 751 | 829 | -0.3 | 0.7 | 73 | 284 |
| 14:30 | 7.8 | 877 | 540 | 708 | 751 | 828 | -0.3 | 0.7 | 73 | 285 |
| 14:45 | 7.7 | 882 | 540 | 711 | 751 | 828 | -0.3 | 0.8 | 73 | 285 |
| 15:00 | 7.7 | 878 | 540 | 707 | 750 | 827 | -0.3 | 0.8 | 72 | 285 |
| 15:15 | 8.0 | 880 | 540 | 706 | 748 | 826 | -0.3 | 0.7 | 73 | 284 |
| 15:30 | 7.4 | 878 | 539 | 709 | 749 | 826 | -0.3 | 0.8 | 73 | 284 |
| 15:45 | 7.0 | 880 | 540 | 708 | 750 | 828 | -0.3 | 0.9 | 73 | 285 |
| 16:00 | 7.4 | 879 | 540 | 708 | 749 | 826 | -0.3 | 1.1 | 73 | 284 |
| 16:15 | 8.8 | 874 | 539 | 711 | 751 | 827 | -0.2 | 1.3 | 73 | 285 |
| 16:30 | 7.3 | 877 | 540 | 707 | 749 | 826 | -0.2 | 2.2 | 73 | 285 |
| 16:45 | 7.9 | 874 | 538 | 714 | 753 | 829 | -0.3 | 2.1 | 73 | 285 |
| 17:00 | 8.1 | 878 | 540 | 714 | 753 | 829 | -0.3 | 2.2 | 75 | 285 |
| 17:15 | 7.9 | 880 | 540 | 708 | 750 | 828 | -0.1 | 1.9 | 73 | 285 |
| 17:30 | 8.2 | 874 | 540 | 707 | 747 | 824 | -0.4 | 1.8 | 73 | 285 |
| 17:45 | 8.1 | 875 | 539 | 710 | 749 | 826 | -0.3 | 2.2 | 73 | 285 |
| 18:00 | 7.7 | 875 | 539 | 711 | 750 | 826 | -0.3 | 2.0 | 72 | 285 |
| 18:15 | 8.3 | 880 | 541 | 711 | 750 | 831 | -0.4 | 2.2 | 73 | 285 |
| 18:30 | 7.1 | 887 | 541 | 709 | 751 | 830 | -0.2 | 1.9 | 73 | 285 |
| 18:45 | 8.4 | 877 | 540 | 711 | 750 | 827 | -0.2 | 1.8 | 73 | 285 |
| 19:00 | 7.5 | 880 | 540 | 713 | 752 | 829 | -0.3 | 1.6 | 73 | 285 |
| 19:15 | 8.1 | 881 | 540 | 712 | 752 | 826 | -0.2 | 1.4 | 74 | 285 |
| 19:30 | 8.0 | 882 | 540 | 710 | 749 | 821 | -0.1 | 1.1 | 73 | 285 |
| 19:45 | 8.3 | 880 | 538 | 711 | 744 | 824 | -0.2 | 0.7 | 78 | 285 |
| 20:00 | 8.3 | 871 | 539 | 713 | 757 | 835 | -0.4 | 1.0 | 78 | 285 |
| 20:15 | 8.9 | 877 | 540 | 719 | 759 | 833 | -0.1 | 1.2 | 76 | 284 |
| 20:30 | 7.6 | 871 | 539 | 707 | 747 | 823 | -0.4 | 1.1 | 73 | 285 |
| 20:45 | 7.7 | 878 | 540 | 712 | 751 | 829 | -0.2 | 1.2 | 71 | 285 |
| 21:00 | 7.9 | 875 | 540 | 711 | 750 | 828 | -0.3 | 1.4 | 73 | 284 |
| 21:15 | 8.3 | 873 | 540 | 718 | 753 | 827 | -0.3 | 1.6 | 73 | 285 |
| 21:30 | 8.9 | 875 | 540 | 717 | 752 | 829 | -0.3 | 1.8 | 73 | 285 |
| 21:45 | 7.2 | 884 | 541 | 715 | 751 | 827 | -0.3 | 2.0 | 73 | 285 |
| 22:00 | 7.7 | 879 | 540 | 711 | 749 | 827 | -0.4 | 2.1 | 73 | 285 |
| 22:15 | 7.1 | 879 | 540 | 713 | 750 | 826 | -0.3 | 1.5 | 73 | 285 |
| 22:30 | 7.1 | 883 | 540 | 713 | 751 | 828 | -0.3 | 1.4 | 73 | 285 |
| 22:45 | 7.1 | 878 | 540 | 715 | 749 | 824 | -0.4 | 1.7 | 73 | 285 |
| 23:00 | 8.3 | 874 | 539 | 711 | 747 | 823 | -0.1 | 1.6 | 73 | 285 |
| 23:15 | 8.7 | 865 | 538 | 710 | 746 | 824 | -0.2 | 1.6 | 73 | 285 |
| 23:30 | 7.3 | 866 | 539 | 721 | 752 | 823 | -0.2 | 1.3 | 73 | 285 |
| 23:45 | 8.0 | 880 | 540 | 718 | 750 | 833 | -0.6 | 1.3 | 75 | 285 |
| 00:00 | 7.9 | 877 | 540 | 714 | 751 | 829 | -0.1 | 1.4 | 75 | 285 |

|     |      |        |        |        |        |        |       |      |       |        |
|-----|------|--------|--------|--------|--------|--------|-------|------|-------|--------|
| 818 | 6.63 | 858.00 | 537.00 | 593.00 | 736.00 | 815.00 | -0.76 | 0.57 | 71.25 | 284.00 |
| 848 | 8.29 | 889.00 | 543.00 | 721.00 | 707.00 | 836.00 | 0.12  | 2.25 | 78.00 | 285.00 |
| 898 | 7.66 |        | 529.88 |        | 759.11 |        | -0.00 |      | 75.25 |        |
|     |      | 377.27 |        | 597.80 |        | 827.88 |       | 1.22 |       | 284.67 |