APPENDIX C

ANALYTICAL DATA

Northeast
Generation Services
The Northeast Utilities System

Analysis Report

Northeast Generation Services
Analytical Laboratory
15 Agawam Avenue
West Springfield, MA 01089
Phone (413) 787-9064 Fax (413) 787-9056
email-shahmp@nu.com

Sample Number 7119
Station TRC-Mirant- Potomac
Date Received 12/28/05
As Fired 12/20/05
Air Drying Loss 8.30%

Report Date 12/29/05
Work Order 05-2048
Source Identification
Run 1 12/20/05

Proximate/Ultimate Analysis

Parameter	Date Tested	As Received	Dry	Air Dried
Moisture		9.29%		1.08%
Ash,%	12/29/05	8.55	9.42	9.32
BTU/Lb	12/29/05	12448	13720	13580
Carbon,%	12/29/05	71.39	78.7	77.9
Hydrogen,%	12/29/05	4.35	4.79	4.74
Nitrogen,%	12/29/05	1.38	1.52	1.5
Oxygen,%	12/29/05	4.28	4.72	4.67
Sulfur, %	12/29/05	0.77	0.85	0.84

Comments

Madhu Shah, NGS Laboratory Supervisor

12/29/05
Date

Mass Certification - MA-00071
Conn Certification - PH-0520

Northeast
Generation Services
The Northeast Utilities System

Analysis Report

Northeast Generation Services
Analytical Laboratory
15 Agawam Avenue
West Springfield, MA 01089
Phone (413) 787-9064 Fax (413) 787-9056
email-shahmp@nu.com

Sample Number 7120
Station TRC-Mirant- Potomac
Date Received 12/28/05
As Fired 12/20/05
Air Drying Loss 8.87%

Report Date 12/29/05
Work Order 05-2048
Source Identification
Run 2 12/20/05

Proximate/Ultimate Analysis

Parameter	Date Tested	As Received	Dry	Air Dried
Moisture		10.10%		1.36%
Ash,%	12/29/05	8.76	9.74	9.61
BTU/Lb	12/29/05	12201	13570	13390
Carbon,%	12/29/05	69.76	77.6	76.6
Hydrogen,%	12/29/05	4.34	4.83	4.76
Nitrogen,%	12/29/05	1.3	1.45	1.43
Oxygen,%	12/29/05	5.04	5.61	5.53
Sulfur, %	12/29/05	0.69	0.77	0.76

Comments

Madhu Shah, NGS Laboratory Supervisor — 12/29/05 Date

Mass Certification - MA-00071
Conn Certification - PH-0520

Northeast
Generation Services
The Northeast Utilities System

Analysis Report

Northeast Generation Services
Analytical Laboratory
15 Agawam Avenue
West Springfield, MA 01089
Phone (413) 787-9064 Fax (413) 787-9056
email-shahmp@nu.com

Sample Number 7121
Station TRC-Mirant- Potomac
Date Received 12/28/05
As Fired 12/20/05
Air Drying Loss 8.68%

Report Date 12/29/05
Work Order 05-2048
Source Identification
Run 3 12/21/05

Proximate/Ultimate Analysis

Parameter	Date Tested	As Received	Dry	Air Dried
Moisture		9.78%		1.20%
Ash,%	12/29/05	8.45	9.36	9.25
BTU/Lb	12/29/05	12318	13650	13490
Carbon,%	12/29/05	69.4	76.9	76.0
Hydrogen,%	12/29/05	4.37	4.84	4.78
Nitrogen,%	12/29/05	1.3	1.44	1.42
Oxygen,%	12/29/05	6.08	6.74	6.66
Sulfur, %	12/29/05	0.65	0.72	0.71

Comments

Madhu Shah, NGS Laboratory Supervisor

12/29/05
Date

Mass Certification - MA-00071
Conn Certification - PH-0520

Northeast
Generation Services
The Northeast Utilities System

Analysis Report

Northeast Generation Services
Analytical Laboratory
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West Springfield, MA 01089
Phone (413) 787-9064 Fax (413) 787-9056
email-shahmp@nu.com

Sample Number 7122
Station TRC-Mirant- Potomac
Date Received 12/28/05
As Fired 12/20/05
Air Drying Loss 9.08%

Report Date 12/29/05
Work Order 05-2048
Source Identification
Run 4 12/21/05

Proximate/Ultimate Analysis

Parameter	Date Tested	As Received	Dry	Air Dried
Moisture		10.05%		1.07%
Ash,%	12/29/05	8.97	9.98	9.87
BTU/Lb	12/29/05	12167	13530	13380
Carbon,%	12/29/05	69.69	77.5	76.7
Hydrogen,%	12/29/05	4.26	4.73	4.68
Nitrogen,%	12/29/05	1.28	1.43	1.41
Oxygen,%	12/29/05	4.81	5.35	5.29
Sulfur, %	12/29/05	0.91	1.01	1.00

Comments

Madhu Shah
Madhu Shah, NGS Laboratory Supervisor

12/29/05
Date

Mass Certification - MA-00071
Conn Certification - PH-0520

Northeast
Generation Services
The Northeast Utilities System

Analysis Report

Northeast Generation Services
Analytical Laboratory
15 Agawam Avenue
West Springfield, MA 01089
Phone (413) 787-9064 Fax (413) 787-9056
email-shahmp@nu.com

Sample Number 7123
Station TRC-Mirant- Potomac
Date Received 12/28/05
As Fired 12/20/05
Air Drying Loss 8.71%

Report Date 12/29/05
Work Order 05-2048
Source Identification
Run 5 12/21/05

Proximate/Ultimate Analysis

Parameter	Date Tested	As Received	Dry	Air Dried
Moisture		9.74%		1.13%
Ash,%	12/29/05	8.25	9.14	9.04
BTU/Lb	12/29/05	12317	13650	13490
Carbon,%	12/29/05	70.48	78.1	77.2
Hydrogen,%	12/29/05	4.3	4.76	4.71
Nitrogen,%	12/29/05	1.3	1.44	1.42
Oxygen,%	12/29/05	5.24	5.81	5.74
Sulfur, %	12/29/05	0.68	0.75	0.74

Comments

Madhu Shah, NGS Laboratory Supervisor — 12/29/05 Date

Mass Certification - MA-00071
Conn Certification - PH-0520

Northeast
Generation Services
The Northeast Utilities System

Analysis Report

Northeast Generation Services
Analytical Laboratory
15 Agawam Avenue
West Springfield, MA 01089
Phone (413) 787-9064 Fax (413) 787-9056
email-shahmp@nu.com

Sample Number 7124
Station TRC-Mirant- Potomac
Date Received 12/28/05
As Fired 12/20/05
Air Drying Loss 8.25%

Report Date 12/29/05
Work Order 05-2048
Source Identification
Run 6 12/22/05

Proximate/Ultimate Analysis

Parameter	Date Tested	As Received	Dry	Air Dried
Moisture		9.26%		1.10%
Ash,%	12/29/05	8.58	9.45	9.35
BTU/Lb	12/29/05	12498	13770	13620
Carbon,%	12/29/05	71.57	78.9	78.0
Hydrogen,%	12/29/05	4.35	4.79	4.74
Nitrogen,%	12/29/05	1.32	1.46	1.44
Oxygen,%	12/29/05	4.11	4.53	4.48
Sulfur, %	12/29/05	0.79	0.87	0.86

Comments

Madhu Shah

Madhu Shah, NGS Laboratory Supervisor

12/29/05

Date

Mass Certification - MA-00071
Conn Certification - PH-0520

Northeast
Generation Services
The Northeast Utilities System

Analysis Report

Northeast Generation Services
Analytical Laboratory
15 Agawam Avenue
West Springfield, MA 01089
Phone (413) 787-9064 Fax (413) 787-9056
email-shahmp@nu.com

Sample Number 7125
Station TRC-Mirant- Potomac
Date Received 12/28/05
As Fired 12/20/05
Air Drying Loss 7.92%

Report Date 12/29/05
Work Order 05-2048
Source Identification
Run 7 12/22/05

Proximate/Ultimate Analysis

Parameter	Date Tested	As Received	Dry	Air Dried
Moisture		8.73%		0.88%
Ash,%	12/29/05	9.18	10.1	9.97
BTU/Lb	12/29/05	12487	13680	13560
Carbon,%	12/29/05	71.41	78.2	77.6
Hydrogen,%	12/29/05	4.31	4.72	4.68
Nitrogen,%	12/29/05	1.33	1.45	1.44
Oxygen,%	12/29/05	4.25	4.66	4.62
Sulfur, %	12/29/05	0.79	0.87	0.86

Comments

Madhu Shah, NGS Laboratory Supervisor — 12/29/05 Date

Mass Certification - MA-00071
Conn Certification - PH-0520

Northeast
Generation Services
The Northeast Utilities System

Analysis Report

Northeast Generation Services
Analytical Laboratory
15 Agawam Avenue
West Springfield, MA 01089
Phone (413) 787-9064 Fax (413) 787-9056
email-shahmp@nu.com

Sample Number 7126
Station TRC-Mirant- Potomac
Date Received 12/28/05
As Fired 12/20/05
Air Drying Loss 7.82%

Report Date 12/29/05
Work Order 05-2048
Source Identification
Run 8 12/23//05

Proximate/Ultimate Analysis

Parameter	Date Tested	As Received	Dry	Air Dried
Moisture		8.66%		0.92%
Ash,%	12/29/05	10.29	11.3	11.2
BTU/Lb	12/29/05	12263	13430	13300
Carbon,%	12/29/05	69.83	76.5	75.8
Hydrogen,%	12/29/05	4.23	4.63	4.59
Nitrogen,%	12/29/05	1.3	1.42	1.41
Oxygen,%	12/29/05	4.83	5.29	5.24
Sulfur, %	12/29/05	0.78	0.86	0.85

Comments

Madhu Shah, NGS Laboratory Supervisor — Date: 12/29/05

Mass Certification - MA-00071
Conn Certification - PH-0520

SAMPLE LOG and CHAIN OF CUSTODY RECORD

Client:	TRC Environmental Corporation	TRC Project Manager :	Mike Martin
Location:	Raleigh, NC	Telephone No.	(919) 256-6234 508-254-5941
Project Name :	Mirant - Potomac Alexandria, VA	TRC Project No.	41434-0020-00005
		Carrier or Delivery:	
		Date Delivered to Lab:	
Sample I.D. No. and Description		Results Due Date:	

Run Number:	Fraction :	Sample Date :	Sample Type :	Type of Container :	Analysis Requested
1	1 of 2	12/20/05	Coal	500 ml Plastic	Ultimate
1	2 of 2	12/20/05	Coal	250 ml Glass	Ultimate
2	1 of 2	12/20/05	Coal	250 ml Glass	Ultimate
2	2 of 2	12/20/05	Coal	250 ml Glass	Ultimate
3	1 of 2	12/21/05	Coal	250 ml Glass	Ultimate
3	2 of 2	12/21/05	Coal	250 ml Glass	Ultimate
4	1 of 2	12/21/05	Coal	250 ml Glass	Ultimate
4	2 of 2	12/21/05	Coal	250 ml Glass	Ultimate
5	1 of 2	12/21/05	Coal	250 ml Glass	Ultimate
5	2 of 2	12/21/05	Coal	250 ml Glass	Ultimate
6	1 of 3	12/22/05	Coal	250 ml Glass	Ultimate
6	2 of 3	12/22/05	Coal	250 ml Glass	Ultimate
6	3 of 3	12/22/05	Coal	250 ml Glass	Ultimate
7	1 of 2	12/22/05	Coal	250 ml Glass	Ultimate
7	2 of 2	12/22/05	Coal	250 ml Glass	Ultimate
8	1 of 2	12/23/05	Coal	250 ml Glass	Ultimate
8	2 of 2	12/23/05	Coal	250 ml Glass	Ultimate

Released by TRC	Signature 12/27/05 Date	Accepted by Laboratory	Signature and Date

Please composite fractions by Run Number and then analyze.

RESOLUTION ANALYTICS, INC.
Specialists in High Performance Liquid Chromatography

— Memo —

DATE: January 6, 2006 **TIME:** 5:10 PM

TO: Mike Martin
IRC Environmental, Inc. **FAX:** 978-453-4215

FROM: Bruce Nemet
Resolution Analytics **PHONE:** 919-774-5557
FAX: 919-776-6785

RE: Results Summary Page(s)

Number of pages including cover sheet: 11

Following fax represents the entire analytical report for EPA Method 5/202 analysis for **Mirant**

Analysis requested: EPA 5/202

The full report is scheduled to be mailed on 1/09/06.

If you have any questions concerning this report or procedures for analysis feel free to call me at (919) 774-5557. Thanks Mike.

Bruce Nemet

J. Bruce Nemet

J Bruce Nemet

QA Manager

SAMPLE LOG and CHAIN OF CUSTODY RECORD

Client:	TRC Environmental Corporation	TRC Project Manager :	Jeff Kunstling	Page #	Resolution Analytics, Inc.
Location:	Raleigh, NC	Telephone No.	(919) 256-6234		(919) 774-5557
Project Name :	Mirant	TRC Project No.	41434-0020-00005		
	Alexandria, VA	Carrier or Delivery:	Pick up by RAI		
		Date Delivered to Lab:	December 24, 2005		
	Sample I.D. No. and Description	Results Due Date:	Quick Turn-around		

Run Number:	Fraction :	Sample Date :	Sample Type :	Type of Container :	Analysis Requested
I-M201A/202-1	Filter	12/20/05	Filter	Petri Dish	Particulate by M201A
I-M201A/202-1	FH PM10	12/20/05	Acetone	500 ml Glass	Particulate by M201A
I-M201A/202-1	Nozzle & Cylone Acetone	12/20/05	Acetone	500 ml Glass	Archive
I-M201A/202-1	BH MeCl	12/20/05	MeCl	500 ml Glass	Condensibles by M202
I-M201A/202-1	BH DI	12/20/05	DI	1000 ml Glass	Condensibles by M202
I-M201A/202-2	Filter	12/20/05	Filter	Petri Dish	Particulate by M201A
I-M201A/202-2	FH PM10	12/20/05	Acetone	500 ml Glass	Particulate by M201A
I-M201A/202-2	Nozzle & Cylone Acetone	12/20/05	Acetone	500 ml Glass	Archive
I-M201A/202-2	BH MeCl	12/20/05	MeCl	500 ml Glass	Condensibles by M202
I-M201A/202-2	BH DI	12/20/05	DI	1000 ml Glass	Condensibles by M202
I-M201A/202-3	Filter	12/21/05	Filter	Petri Dish	Particulate by M201A
I-M201A/202-3	FH PM10	12/21/05	Acetone	500 ml Glass	Particulate by M201A
I-M201A/202-3	Nozzle & Cylone Acetone	12/21/05	Acetone	500 ml Glass	Archive
I-M201A/202-3	BH MeCl	12/21/05	MeCl	500 ml Glass	Condensibles by M202
I-M201A/202-3	BH DI	12/21/05	DI	1000 ml Glass	Condensibles by M202
I-M201A/202-4	Filter	12/21/05	Filter	Petri Dish	Particulate by M201A
I-M201A/202-4	FH PM10	12/21/05	Acetone	500 ml Glass	Particulate by M201A
I-M201A/202-4	Nozzle & Cylone Acetone	12/21/05	Acetone	500 ml Glass	Archive
I-M201A/202-4	BH MeCl	12/21/05	MeCl	500 ml Glass	Condensibles by M202
I-M201A/202-4	BH DI	12/21/05	DI	1000 ml Glass	Condensibles by M202

Released by TRC	Signature	12/24/05 Date	Accepted by Laboratory		12-24-05 Signature and Date

SAMPLE LOG and CHAIN OF CUSTODY RECORD

Client:	TRC Environmental Corporation	TRC Project Manager :	Jeff Kunstling	Page # Resolution Analytics, Inc.
Location:	Raleigh, NC	Telephone No.	(919) 256-6234	(919) 774-5557
Project Name :	Mirant	TRC Project No.	41434-0020-00005	
	Alexandria, VA	Carrier or Delivery:	Pick up by RAI	
		Date Delivered to Lab:	December 24, 2005	
		Results Due Date:	Quick Turn-around	

Sample I.D. No. and Description		Sample	Sample	Type of	Analysis Requested
Run Number:	Fraction :	Date :	Type :	Container :	
II-M201A/202-1	Filter	12/21/05	Filter	Petri Dish	Particulate by M201A
II-M201A/202-1	FH PM10	12/21/05	Acetone	500 ml Glass	Particulate by M201A
II-M201A/202-1	Nozzle & Cylone Acetone	12/21/05	Acetone	500 ml Glass	Archive
II-M201A/202-1	BH MeCl	12/21/05	MeCl	500 ml Glass	Condensibles by M202
II-M201A/202-1	BH DI	12/21/05	DI	1000 ml Glass	Condensibles by M202
II-M201A/202-2	Filter	12/22/05	Filter	Petri Dish	Particulate by M201A
II-M201A/202-2	FH PM10	12/22/05	Acetone	500 ml Glass	Particulate by M201A
II-M201A/202-2	Nozzle & Cylone Acetone	12/22/05	Acetone	500 ml Glass	Archive
II-M201A/202-2	BH MeCl	12/22/05	MeCl	500 ml Glass	Condensibles by M202
II-M201A/202-2	BH DI	12/22/05	DI	1000 ml Glass	Condensibles by M202
II-M201A/202-3	Filter	12/22/05	Filter	Petri Dish	Particulate by M201A
II-M201A/202-3	FH PM10	12/22/05	Acetone	500 ml Glass	Particulate by M201A
II-M201A/202-3	Nozzle & Cylone Acetone	12/22/05	Acetone	500 ml Glass	Archive
II-M201A/202-3	BH MeCl	12/22/05	MeCl	500 ml Glass	Condensibles by M202
II-M201A/202-3	BH DI	12/22/05	DI	1000 ml Glass	Condensibles by M202
II-M201A/202-4	Filter	12/23/05	Filter	Petri Dish	Particulate by M201A
II-M201A/202-4	FH PM10	12/23/05	Acetone	500 ml Glass	Particulate by M201A
II-M201A/202-4	Nozzle & Cylone Acetone	12/23/05	Acetone	500 ml Glass	Archive
II-M201A/202-4	BH MeCl	12/23/05	MeCl	500 ml Glass	Condensibles by M202
II-M201A/202-4	BH DI	12/23/05	DI	1000 ml Glass	Condensibles by M202
	Acetone Blank	12/22/05	Acetone	500 ml Glass	Particulate by M201A
	DI Blank	12/22/05	DI water	500 ml Glass	Particulate by M202
	MeCl Blank	12/22/05	MeCl	500 ml Glass	Particulate by M202

Released by TRC	12/24/05	Accepted by Laboratory	12-24-05
Signature	Date		Signature and Date

RESOLUTION ANALYTICS, INC.
Specialists in High Performance Liquid Chromatography

2733 LEE AVENUE SANFORD, NC 27330 (919) 774-5557

ANALYTICAL REPORT

- FILTERABLE/CONDENSIBLE PARTICULATE
  (EPA METHOD 201A/202)

CLIENT: TRC

RFA#: 41434

RESOLUTION ANALYTICS, INC.
Specialists in High Performance Liquid Chromatography

REPORT SUMMARY

RFA#: 41434

SAMPLE ID	<PM 10 Filterable Particulate	Organic Particulate	Inorganic Particulate	Total Particulate
ACETONE BLANK	0.3 mgs (100ml)			
$MECL_2$ BLANK		0.4 mgs (100ml)		
H_2O BLANK			0.4 mgs (250 ml)	
I-M201A/202-1	13.8 mgs	0.6 mgs	55.5 mgs	69.9 mgs
I-M201A/202-2	15.7 mgs	0.5 mgs	40.3 mgs	56.5 mgs
I-M201A/202-3	12.4 mgs	1.2 mgs	20.4 mgs	34.0 mgs
I-M201A/202-4	13.9 mgs	1.1 mgs	16.2 mgs	31.2 mgs
II-M201A/202-1	8.2 mgs	0.3 mgs	17.6 mgs	26.1 mgs
II-M201A/202-2	8.7 mgs	63.2 mgs	16.1 mgs	88.0 mgs
II-M201A/202-3	5.6 mgs	0.6 mgs	14.4 mgs	20.6 mgs
II-M201A/202-4	6.4 mgs	0.8 mgs	11.5 mgs	18.7 mgs

Analytical Narrative

RFA # 41434

Page 1 of 1

Client/Plant Name: TRC

Date Rec'd in lab: 12/24/2005

Analyst: CLT

Date of Analysis: 12/29/2005

Analysis Method: EPA Method 201A/202

Analyte(s): Filterable & Condensible Particulate

Sample Matrix & Components:

Dry Filters, Front½ Acetone Rinses, H_2O impinger samples, Back½ Methylene Chloride Rinses, and solvent blanks

Summary of Sample Prep:

The acetone rinses and pre-tared filters were transferred to pre-tared teflon "baggies" in a low humidity environment. H_2O impinger samples were extracted with methylene chloride (EPA SW846) using the Back½ rinse as the first extract. Both acetone and methylene chloride rinses were then evaporated overnight then desiccated for 24 hours, after which time they were weighed daily every six hours until consecutive weights agreed within ±0.5 mgs. The H_2O impinger samples were evaporated under heat (at ambient pressure) until dry then weighed daily every six hours until consecutive weights agreed within ±0.5 mgs. The filters were oven dried at 105°C for 2 hours then weighed immediately.

All weights were recorded to the nearest 0.1 mg. The total catch reported for each run is a sum of the filterable and condensible (organic and inorganic) catches. The solvent blank catch weights have been subtracted out of sample catches in proportion with their respective solvent volumes.

Summary of Instrumentation:

Denver model A-250 analytical balance

Analytical Detection Limit(s): 0.5 mgs

Miscellaneous Comments Regarding Sample Analysis: (Note unusual catch weights, interferences, odd sample behavior, and steps taken to confirm unusual results. Also note any deviations from standard analytical procedures, together with justification and possible affect on results. Specify samples when applicable.)

1) See Data Sheets for individual sample descriptions.

Confirmation of Data Review:

QA Officer Signature J. Bruce Nemet Date 12/29/05

(J. Bruce Nemet , Lab QA Officer)

PARTICULATE SAMPLING LABORATORY RESULTS (EPA METHOD 201A/202)

Plant Name: MIRANT
Method: M201A/202
Date Received: 12/28/2005
Page 1 of 5
REA #: 41434
Filename: TRC
File Pathway: C:\IOBSM1434\TRC WB1

Run Number	I-M201A/202-1	I-M201A/202-2	I-M201A/202-3
Filter Container #	157	676	584
Date / Init	12/26 CLT	12/26 SF 20	12/26 SF 21	12/26 SF 22
Beggie Tare Wt., g.	3.6517	4.0043	3.6151
Filter Tare Wt., g.	3.4374	3.7927	3.4030
FILTER SAMPLE WT., g.	0.2016	0.1980	0.2007
	0.0127	0.0136	0.0114
Acetone Rinse Container #	2083	2055	1277
Date / Init	12/28 CLT 12/27 CLT @ 30 ml)	12/28 @ 12/27 (40 ml)	12/28 @ 12/27 (40 ml)	12/29 @ 12/28 (570 ml)
Tare Wt., g.	3.6376 3.6375	3.3815 3.3819	3.3749 3.3750
SAMPLE WT., g.	3.6363 0.0012	3.3793 0.0022	3.3738 0.0011
DI H2O Container #	693	987	222
Date / Init	12/29 CLT 12/28 CLT @ 540 ml)	12/29 12/28 @ (570 ml)	12/29 @ 12/28 (570 ml)	12/29 @ 12/28 (570 ml)
Tare Wt., g.	3.5149 3.5148	3.3746 3.3744	3.5028 3.5033
SAMPLE WT., g.	3.4584 0.0564	3.3332 0.0412	3.4815 0.0213
MeCl2 Container #	8	655	284
Date / Init	12/28 CLT @ 12/27 CLT (130 ml)	12/28 @ 12/27 (150 ml)	12/28 12/27 @ (110 ml)	12/28 12/27 @ (110 ml)
Tare Wt., g.	3.5269 3.5271	3.4626 3.4627	3.4595 3.4592
SAMPLE WT., g.	3.5258 0.0011	3.4615 0.0011	3.4576 0.0016
Front-Half Rinse Catch, mg.	1.2	2.2	1.1
Acetone Blank Residue, mg.	0.1	0.1	0.1
Front-Half Rinse, mg	**1.1**	**2.1**	**1.0**
Organic Fraction Catch, mg.	1.1	1.1	1.6
Methylene Chloride Blank Residue, mg.	0.5	0.6	0.4
Organic Fraction Catch, mg.	**0.6**	**0.5**	**1.2**
Inorganic Fraction Catch, mg.	56.4	41.2	21.3
Water Blank Residue, mg.	0.9	0.9	0.9
Inorganic Fraction Catch, mg.	55.5	40.3	20.4
NH4 + Water Residue, mg. (SO4 catch x 0.354)	-N/A-	-N/A-	-N/A-
Ammonium Chloride Residue, mg.	-N/A-	-N/A-	-N/A-
Adjusted Inorganic Fraction Catch, mg.	**55.5**	**40.3**	**20.4**
TOTAL FILTERABLE PARTICULATE, mg.	**13.8**	**15.7**	**12.4**
TOTAL PARTICULATE, mg.	**69.9**	**56.5**	**34.0**

Miscellaneous Notes & Comments:

Visual Inspection of Filters

Run ID	I-M201A/202-1	I-M201A/202-2	I-M201A/202-3
Color:	GRAY	GRAY	GRAY
Texture:	FINE SOOT	FINE SOOT	FINE SOOT
Foreign Matter:	N/A	N/A	N/A
Relative Comp:	MED	MED	MED

Visual Inspection of Rinses

Run ID	I-M201A/202-1	I-M201A/202-2	I-M201A/202-3
Color:	GRAY	GRAY	GRAY
Texture:	FINE SOOT	FINE SOOT	FINE SOOT
Foreign Matter:	N/A	N/A	N/A
Relative Comp:	LOW	LOW	LOW

Printing Date: 29-Dec-2005
Printing Time: 11:50 AM

PARTICULATE SAMPLING LABORATORY RESULTS (EPA METHOD 201A/202)

Plant Name: MIRANT
Method: M201A/202
Date Received: 12/24/2005
Page 2 of 5
RFA #: 41434
Filename: TRC
File Pathway: C:\JOBS\41434\TRC WB1

Run Number I-M201A/202-4

Filter Container #	Date	Init		521		Date			Date		
	12/26	CLT		3.6043							
Baggie Tare Wt., g.				3.3921			0.0000			0.0000	
Filter Tare Wt., g.		SF 23		0.2000			0.0000			0.0000	
FILTER SAMPLE WT., g.				0.0122			0.0000			0.0000	
Acetone Rinse Container #	Date	Init		1205		Date			Date		
	12/28	CLT	@	3.4044							
	12/27	CLT		3.4046			0.0000			0.0000	
Tare Wt., g.		(30	ml)	3.4026	(	ml)	0.0000	(	ml)	0.0000	
SAMPLE WT., g.				0.0018			0.0000			0.0000	
DI H2O Container #	Date	Init		1232		Date			Date		
	12/29	CLT	@	3.5136							
	12/28	CLT		3.5138			0.0000			0.0000	
Tare Wt., g.		(610	ml)	3.4964	(	ml)	0.0000	(	ml)	0.0000	
SAMPLE WT., g.				0.0172			0.0000			0.0000	
MeCl2 Container #	Date	Init		266		Date			Date		
	12/28	CLT		3.5674							
	12/27	CLT	@	3.5670			0.0000			0.0000	
Tare Wt., g.		(140	ml)	3.5653	(	ml)	0.0000	(	ml)	0.0000	
SAMPLE WT., g.				0.0017			0.0000			0.0000	
Front-Half Rinse Catch, mg.				1.8			0.0			0.0	
Acetone Blank Residue, mg.				0.1			0.0			0.0	
Front-Half Rinse, mg				**1.7**			**0.0**			**0.0**	
Organic Fraction Catch, mg.				1.7			0.0			0.0	
Methylene Chloride Blank Residue, mg.				0.6			0.0			0.0	
Organic Fraction Catch, mg.				**1.1**			**0.0**			**0.0**	
Inorganic Fraction Catch, mg.				17.2			0.0			0.0	
Water Blank Residue, mg.				1.0			0.0			0.0	
Inorganic Fraction Catch, mg.				16.2			0.0			0.0	
NH4 + Water Residue, mg. (SO4 catch x 0.354)				-N/A-			-N/A-			-N/A-	
Ammonium Chloride Residue, mg.				-N/A-			-N/A-			-N/A-	
Adjusted Inorganic Fraction Catch, mg.				**16.2**			**0.0**			**0.0**	
TOTAL FILTERABLE PARTICULATE, mg.				**13.9**			**0.0**			**0.0**	
TOTAL PARTICULATE, mg.				**31.2**			**0.0**			**0.0**	

Miscellaneous Notes & Comments:

Visual Inspection of Filters

Run ID	I-M201A/202-4	0	0
Color:	GRAY		
Texture:	FINE SOOT		
Foreign Matter:	N/A		
Relative Comp:	MED		

Visual Inspection of Rinses

Run ID	I-M201A/202-4	0	0
Color:	GRAY		
Texture:	FINE SOOT		
Foreign Matter:	N/A		
Relative Comp:	LOW		

Printing Date: 29-Dec-2005 Printing Time: 11:50 AM

PARTICULATE SAMPLING LABORATORY RESULTS (EPA METHOD 201A/202)

Plant Name: MIRANT
Method: M201A/202
Date Received: 12/24/2005
Page 3 of 5
RI/A #: 41434
Filename: TRC
File Pathway: C:\JOBS\41434\TRC.WB1

Run Number	II-M201A/202-1	II-M201A/202-2	II-M201A/202-3
Filter Container #	515	590	188
Date / Init	12/26 CLT	12/26	12/26
Baggie Tare Wt., g.	3.9265	3.6458	3.7340
Filter Tare Wt., g.	3.7195	3.4381	3.5310
FILTER SAMPLE WT., g.	0.2002 SF 24	0.2002 SF 28	0.1987 SF 29
	0.0068	0.0075	0.0043
Acetone Rinse Container #	2266	773	593
Date / Init			
Tare Wt., g.	12/28 CLT @ 3.7826	12/28 @ 3.3013	12/28 @ 3.5959
	12/27 CLT 3.7828	12/27 3.3016	12/27 3.5960
SAMPLE WT., g.	(30 ml) 3.7811	(30 ml) 3.3000	(30 ml) 3.5945
	0.0015	0.0013	0.0014
DI H2O Container #	1068	774	786
Date / Init			
Tare Wt., g.	12/29 CLT @ 3.5436	12/29 3.2930	12/29 @ 3.4927
	12/28 CLT 3.5439	12/28 @ 3.2925	12/28 3.4930
SAMPLE WT., g.	(650 ml) 3.5250	(590 ml) 3.2755	(560 ml) 3.4774
	0.0186	0.0170	0.0153
MeCl2 Container #	123	437	1199
Date / Init			
Tare Wt., g.	12/28 CLT 3.6614	12/28 3.5730	12/28 3.3051
	12/27 CLT @ 3.6613	12/27 @ 3.5727	12/27 @ 3.3049
SAMPLE WT., g.	(200 ml) 3.6602	(190 ml) 3.5088	(140 ml) 3.3037
	0.0011	0.0639	0.0012
Front-Half Rinse Catch, mg.	1.5	1.3	1.4
Acetone Blank Residue, mg.	0.1	0.1	0.1
Front-Half Rinse, mg	**1.4**	**1.2**	**1.3**
Organic Fraction Catch, mg.	1.1	63.9	1.2
Methylene Chloride Blank Residue, mg.	0.8	0.7	0.6
Organic Fraction Catch, mg.	**0.3**	**63.2**	**0.6**
Inorganic Fraction Catch, mg.	18.6	17.0	15.3
Water Blank Residue, mg.	1.0	0.9	0.9
Inorganic Fraction Catch, mg.	17.6	16.1	14.4
NH4 + Water Residue, mg. (SO4 catch x 0.354)	-N/A-	-N/A-	-N/A-
Ammonium Chloride Residue, mg.	-N/A-	-N/A-	-N/A-
Adjusted Inorganic Fraction Catch, mg.	**17.6**	**16.1**	**14.4**
TOTAL FILTERABLE PARTICULATE, mg.	**8.2**	**8.7**	**5.6**
TOTAL PARTICULATE, mg.	**26.1**	**88.0**	**20.6**

Miscellaneous Notes & Comments:

Visual Inspection of Filters

Run ID	II-M201A/202-1	II-M201A/202-2	II-M201A/202-3
Color:	GRAY	GRAY	GRAY
Texture:	FINE SOOT	FINE SOOT	FINE SOOT
Foreign Matter:	N/A	N/A	N/A
Relative Comp:	LOW	LOW	LOW

Visual Inspection of Rinses

Run ID	II-M201A/202-1	II-M201A/202-2	II-M201A/202-3
Color:	GRAY	GRAY	GRAY
Texture:	FINE SOOT	FINE SOOT	FINE SOOT
Foreign Matter:	N/A	N/A	N/A
Relative Comp:	LOW	LOW	LOW

Printing Date: 29-Dec-2005
Printing Time: 11:50 AM

PARTICULATE SAMPLING LABORATORY RESULTS (EPA METHOD 201A/202)

Plant Name: MIRANT — RFA #: 41434
Method: M201A/202 — Filename: TRC
Date Received: 12/24/2005 — Page # of: 5 — File Pathway: C:\JOBS\41434\TRC.WB1

Run Number II-M201A/202-4

Filter Container #				813						
	Date	Init			Date			Date		
	12/26	CLT		3.4730			0.0000			0.0000
Beggie Tare Wt., g.				3.2695			0.0000			0.0000
Filter Tare Wt., g.		SF 30		0.1988			0.0000			0.0000
FILTER SAMPLE WT., g.				0.0047			0.0000			0.0000
Acetone Rinse Container #				680						
	Date	Init			Date			Date		
	12/28	CLT	@	3.3301						
	12/27	CLT		3.3303			0.0000			0.0000
Tare Wt., g.	(40	ml)		3.3283	(	ml)	0.0000	(	ml)	0.0000
SAMPLE WT., g.				0.0018			0.0000			0.0000
DI H2O Container #				359						
	Date	Init			Date			Date		
	12/29	CLT	@	3.4426						
	12/28	CLT		3.4431			0.0000			0.0000
Tare Wt., g.	(610	ml)		3.4301	(	ml)	0.0000	(	ml)	0.0000
SAMPLE WT., g.				0.0125			0.0000			0.0000
MeCl2 Container #				1109						
	Date	Init			Date			Date		
	12/28	CLT		3.5684						
	12/27	CLT	@	3.5680			0.0000			0.0000
Tare Wt., g.	(160	ml)		3.5666	(	ml)	0.0000	(	ml)	0.0000
SAMPLE WT., g.				0.0014			0.0000			0.0000
Front-Half Rinse Catch, mg.				1.8			0.0			0.0
Acetone Blank Residue, mg.				0.1			0.0			0.0
Front-Half Rinse, mg				**1.7**			**0.0**			**0.0**
Organic Fraction Catch, mg.				1.4			0.0			0.0
Methylene Chloride Blank Residue, mg.				0.6			0.0			0.0
Organic Fraction Catch, mg.				**0.8**			**0.0**			**0.0**
Inorganic Fraction Catch, mg.				12.5			0.0			0.0
Water Blank Residue, mg.				1.0			0.0			0.0
Inorganic Fraction Catch, mg.				11.5			0.0			0.0
NH4 + Water Residue, mg. (SO4 catch x 0.354)				-N/A-			-N/A-			-N/A-
Ammonium Chloride Residue, mg.				-N/A-			-N/A-			-N/A-
Adjusted Inorganic Fraction Catch, mg.				**11.5**			**0.0**			**0.0**
TOTAL FILTERABLE PARTICULATE, mg.				**6.4**			**0.0**			**0.0**
TOTAL PARTICULATE, mg.				**18.7**			**0.0**			**0.0**

Miscellaneous Notes & Comments:

Visual Inspection of Filters

Run ID	II-M201A/202-4	0	0
Color:	GRAY		
Texture:	FINE SOOT		
Foreign Matter:	N/A		
Relative Comp:	LOW		

Visual Inspection of Rinses

Run ID	II-M201A/202-4	0	0
Color:	GRAY		
Texture:	FINE SOOT		
Foreign Matter:	N/A		
Relative Comp:	LOW		

Printing Date: 29-Dec-2005 Printing Time: 11:30 AM

REAGENT BLANK LABORATORY RESULTS (Version 04.28.92)

Plant Name: MIRANT
Method: M201A/202
Date Received: 12/24/2005
Page 5 of 5
RFA #: 41434
Filename: TRC
File Pathway: C:\JOBS\41434\TRC.WB1

Blank Type			Acetone		Methylene Chloride		Water
Sample ID/Container #			430		588		1237
	Date	Init	Date		Date		Date
	12/28	CLT @	3.8396	12/28	3.4888	12/29 @	3.5370
	12/27	CLT	3.8399	12/27 @	3.4887	12/28	3.5371
Tare Wt., g.		(100 ml)	3.8393	(100 ml)	3.4883	(250 ml)	3.5366
SAMPLE WT., g.			0.0003		0.0004		0.0004
Blank Beaker #			430		588		1237
Final wt., mg.			3.8396		3.4887		3.5370
Tare wt., mg.			3.8393		3.4883		3.5366
Residue, mg.			0.300		0.400		0.400
Volume, ml.			100		100		250
Density, mg/ml			785.0		1315.0		1000.0
Conc., mg/mg			3.822E-06 @		3.042E-06 @		1.600E-06 @
Upper Limit,mg/mg			1.000E-05		1.000E-05		1.000E-05

Printing Date 12/29/2005 Printing Time: 11:30 AM