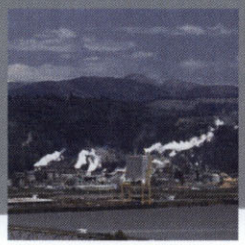
Prepared for:
Mirant Potomac River, LLC
Potomac Generating Station
Alexandria, VA





Mirant Potomac River, LLC
Monthly Model Evaluation Study Report
January 2007

ENSR Corporation
February 2007
Document No.: 10350-003-106-8-Revised

ENSR | AECOM

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February 22, 2007

Doug Snyder
Assistant Regional Counsel
Office of Regional Counsel
US EPA-Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

MIRANT℠

Michael Dowd
Air Enforcement Manager
Virginia Department of Environmental Quality
629 East Main Street
Richmond, VA 23240-0009

Dear Messrs. Snyder and Dowd:

As you are aware, Mirant Potomac River, L.L.C. (Mirant) is operating per the terms and conditions of the Administrative Compliance Order (ACO) dated June 1, 2006. Under the terms of ACO, Mirant is to deliver a monthly report to include: (1) the modeled input files and results of the daily Predictive Modeling for the preceding month, including the hourly average heat input in the MMBtu for each unit and the exit velocity (or exhaust volume) for each unit; (2) verification that the planned Operating Parameters utilized for Predictive Modeling in the preceding month were not exceeded, or if exceeded, documentation describing that exceedance: (3) the inputs and results of the "follow-up" modeling for the preceding month (or portion thereof during which all Monitors were not in place), including the hourly average heat input in MMBtu for each unit and the exit velocity (or exhaust volume) for each unit; and (4) after installation of the Monitors, the data generated by the Monitors.

As a result, please see the revised attached submission, "Mirant Potomac River, LLC Monthly Model Evaluation Study Report" for the month of January 2007.

The modeling data enclosed includes:

- Modeled Input Files and Results of Predictive Modeling: 3-hour and 24-hour AERMOD predictive modeling results using day-ahead weather forecast data for January 2007;
- Plant Operating Parameters Summary: 3-hour and 24 hour Rate Compliance Summary.
- Plant Operating Data.
- Follow-up Modeling Results: 3-hour and 24-hour AERMOD follow-up modeling results performed by the third-party consultant, ENSR, using observed weather conditions for January 2007; and 3-hour and 24-hour ambient actual monitor data for SO2 averages from the continuous monitoring sites as prescribed in the ACO, for the period of January 2007.
- Monthly Summary Data Reports: Marina Towers Central, Marina Towers South, Southeast, Southwest, North, and Northeast.

- In addition, we have provided a satellite view of the ambient air quality and meteorological network.

It is important to note that, to date, all of the real-time monitoring has demonstrated continued compliance with NAAQS standards in the vicinity of the Potomac River Generating Station. Accordingly, even on the days during which the follow-up model showed potential NAAQS exceedances at the certain monitor sites, the actual monitors demonstrated that there was no NAAQS exceedance as depicted in Figures D-1 and D-2 of the report.

Should you have any questions regarding these modeling results, please contact me at 301-669-8168 or by email: david.cramer@mirant.com.

Regards,

David J. Cramer

David Cramer
Manager – Air Compliance & Permitting

Copies: Bob Driscoll, CEO Mid-Atlantic L.L.C
Judith Katz, US EPA
Shawn Konary, Director Environmental, Safety and Health, Mirant
File

Prepared for:
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January 2007

Frank R. Tringale Jr

Prepared By

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Reviewed By

ENSR Corporation
February 2007
Document No.: 10350-003-106-8-Revised

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DOCUMENT CERTIFICATION

Facility Name: *Potomac River Generating Station*

Identification: ORIS # 3788; Virginia Registration# 70228

Facility Location: 1400 North Royal St., Alexandria VA 22314

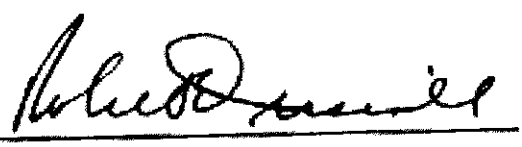
Type of Submittal Attached: January 2007 Monthly ACO Report

This January 2007 Monthly Report is being submitted to demonstrate compliance with the Administrative Compliance Order between Mirant Potomac River, LLC and the U.S. EPA, dated June 2, 2006.

Certification: Except as provided below, I certify that the information contained in or accompanying this report is true, accurate, and complete. As to those portions of this report for which I cannot personally verify their accuracy, I certify under the penalty of law that this report and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of Responsible Official (Print): Robert E. Driscoll

Title: President & Chief Executive Officer, Mirant Potomac River, LLC

Signature:  **Date:** Feb 13 2007

Contents

List of Appendices

List of Tables

1.0 Introduction

Under an Administrative Compliance Order (ACO) signed on June 1, 2006, between Mirant Potomac River, LLC, (Mirant) and the United States Environmental Protection Agency (EPA), Mirant is submitting a monthly modeling, monitoring, and operating data report for January 2007.

2.0 Daily Predictive Modeling

On June 17, 2006, Mirant began performing daily forecast modeling to calculate maximum sulfur dioxide (SO_2) impacts from the Potomac River Power Plant. Mirant uses this modeling to plan electrical generation for the following day. Mirant uses meteorological data forecasted by the National Weather Service's Global Forecast Model (see http://www.arl.noaa.gov/ready/cmet.html) for Reagan National Airport. Modeling is carried out between 8:00 am – 10:00 am each day for the next day. All other model inputs including receptors, land use and building dimensions derived from BPIP-PRIME for downwash simulations were established in the August 2005 modeling report entitled "A Dispersion Modeling Analysis of Downwash from Mirant's Potomac River Power Plant" (ENSR Document 10350-002-410) and were used in the daily forecast modeling.

Table A-1 in (Appendix A) summarizes the daily predictive modeling results for each day. Mirant is required to control SO_2 emissions so that the maximum modeled 3-hour impact is at or below 1,061 $\mu g/m^3$. The 3-hour National Ambient Air Quality Standard (NAAQS) for SO_2 is 1,300 $\mu g/m^3$. Mirant assumes that there is an existing background concentration of 239 $\mu g/m^3$, representing the contribution to ambient air from other sources. For the 24-hour average, Mirant is required to control SO_2 emissions so that its maximum modeled impact is at or below 314 $\mu g/m^3$, allowing for a 51 $\mu g/m^3$ background concentration. The 24-hour NAAQS for SO_2 is 365 $\mu g/m^3$.

Predictive PM_{10} modeling results can also be found in Table A-1. Mirant conducts PM_{10} modeling using an emission rate of 0.055 lb/MMBtu from each stack that is modeled to run, plus fugitive emissions at levels scaled to the number of units in operation. The emission rate used for PM_{10} modeling was set higher than the highest PM stack test result recorded at the plant. With three units in operation at the 0.055 lb/MMBtu PM_{10} emission rate, the plant shows modeled compliance under all meteorological conditions, therefore the ACO only requires predictive PM_{10} modeling be conducted when four or five units are scheduled to run.

In January 2007, modeling resulted in 3-hour SO_2 limits ranging from 0.70 lb/MMBtu to 3.54 lb/MMBtu and 24-hour SO_2 limits ranging from 0.40 lb/MMBtu to 0.60 lb/MMBtu.

3.0 Plant Operating Parameters

Upon completion of daily predictive modeling, operating targets for each unit that is scheduled to run the next day are set. The plant then operates the scheduled units at the SO_2 emission rate and level of operation set by the model. A single 24-hour SO_2 emission rate is assumed for all units that operate on a given day. In addition, a maximum 3-hour SO_2 emission rate is determined during the predictive modeling process which is used as a short term upper limit by operators, should equipment malfunction cause SO_2 emissions to rise above the 24-hour average limit. If a unit is not meeting its target SO_2 emission rate, plant operations will be curtailed to an operating configuration that models NAAQS compliance.

There are three ways in which actual plant operations are compared to predictive modeling results to evaluate the plant's adherence to the scheduled operation prescribed by the predictive model.

24-Hour Average SO_2 Emission Rate

Table B-1 (Appendix B) illustrates the 24-hour average SO_2 emission rate each unit achieved for every day of the month, and the corresponding target SO_2 emission rate to be met for each day. The 24-hour emission rate was met by all units in January 2007.

3-Hour Average SO_2 Emission Rate

Table B-2 illustrates the 3-hour maximum SO_2 emission rate each unit attained for every day of the month, and the corresponding target SO_2 emission rate not to be exceeded for each day. The 3-hour emission rate target was met by all units in January 2007.

SO_2 Pounds-Per-Day Emissions

AERMOD models stack SO_2 emissions as a mass emission rate in pounds per hour or grams per second. In order to determine if the actual output from each unit complied with the SO_2 mass emissions predicted by the model, an SO_2 pounds-per-day limit based on model results has been established.

Dispatch signals from PJM vary the generation output of each unit continuously, making it impossible to make hourly comparisons between actual unit generation and hourly-based predictive model results. Unit output can be evaluated however, by comparing each unit's total SO_2 pounds-per-day emitted to a daily target established by the predictive model.

Unit specific SO_2 pounds-per-day targets are computed using heat input to each unit, the daily SO_2 target emission rate, and the unit operating scenario selected for the day.

The daily SO_2 target emission rates and unit operating scenarios can be found in the daily predictive model results summary in Table A-1. Heat inputs for each unit are calculated from the daily operating scenarios, which describe the operating profile for each unit, and unit heat rates, which are a measure of how efficiently the units convert fuel heat content into electricity. The procedure below illustrates how the SO_2 pounds-per-day targets are derived.

The first step is to determine hourly heat input values based on the assumed minimum and maximum loads and associated heat rates listed in Table 3-1.

Table 3-1: Unit Heat Rates

Unit	Operating Load	Net Power Output (MWh)	Net Heat Rate (MMBtu/MWh)	Heat Input (MMBtu)
1 & 2	Maximum	88	12.6	1113
	Minimum	32	15.3	491
3, 4, and 5	Maximum	102	10.2	1045
	Minimum	32	12.5	401

Hourly heat inputs are then used to compute daily heat inputs based on the unit operating conditions. Daily heat inputs for all unit operating combinations are presented below in Table 3-2.

Table 3-2: Daily Unit Heat Inputs

Unit	Daily Operating Scenario	Daily Heat Input per Unit (MMBtu/day)
1 & 2	8 Hours Maximum Load / 8 Hours Minimum Load / 8 Hours Off	12,826
	16 Hours Maximum Load / 8 Hours Off	17,801
	24 Hours Maximum	26,701
3, 4, & 5	8 Hours Maximum Load / 16 Hours Minimum Load	14,769
	12 Hours Maximum Load / 12 Hours Minimum Load	17,346
	16 Hours Maximum Load / 8 Hours Minimum Load	19,922
	24 Hours Maximum Load	25,076

Based on the daily forecast operating scenario, multiplying the above heat input (in MMBtu/day) for each unit operating scenario times the daily target emission rate (in lb/MMBtu) produces the daily target SO_2 mass emission rate (lb/day) shown in Table B-3 for each unit.

For example, one configuration calls for Units 1 and 2 to operate at maximum load for 8 hours, minimum load for 8 hours, and off for 8 hours; and for Units 3, 4, and 5 to operate for 12 hours at maximum load and 12 hours at minimum load. Assuming the SO_2 limit for the day is 0.6 lb/MMBtu, the daily SO_2 target (in lb/day) is:

Unit 1 and 2: 12,826 MMBtu/day X 0.6 lb/MMBtu = 7,696 lb./day per unit

Unit 3, 4, and 5: 17,346 MMBtu/day X 0.6 lb/MMBtu = 10,408 lb./day per unit

Table B-3 illustrates the pounds per day of SO_2 emitted by each unit for every day of the month and its corresponding SO_2 lb/day target. The SO_2 lb/day targets were met by all units in January 2007.

It should be noted that occasionally a small number of SO_2 pounds can be found in Table B-3 for units on non-operating days. These emissions are the result of boiler startup or shutdown activities associated with operations from the following or previous day. These insignificant emissions are a normal part of transitioning units on and off line and are acknowledged in Section IV.B.1.a of the ACO.

4.0 Follow-Up Modeling

ENSR performed follow-up modeling for the period January 1 – 31, 2007. The modeling used actual, measured, hourly, in-stack emissions parameters and hourly weather data from the National Weather Service site at Reagan National Airport. All other model inputs including receptors, land use and building dimensions derived from BPIP-PRIME for downwash simulations were established in the August 2005 modeling report entitled "A Dispersion Modeling Analysis of Downwash from Mirant's Potomac River Power Plant" (ENSR Document 10350-002-410) and were used in this follow-up modeling.

Appendix C contains daily operating data for the Potomac River Generating Station. The data are included on the accompanying CD. A "read me" file on the CD explains the file structure.

Table D-1 (Appendix D) summarizes the follow-up modeling results for each day and compares the results to the daily predictive modeling and to maximum observed ambient SO_2 concentrations in the monitoring network. There was one day in January in which follow-up modeling showed a potential 3-hour NAAQS exceedance (Jan. 18). Follow-up modeling showed no potential 24-hour NAAQS exceedances in January. The 3-hour exceedance on January 18 was predicted in the SE portion of the roof of Marina Towers for the 3-hour period ending 0300 local time. The exceedance was predicted at a location on the roof that is at the same location as the South SO_2 monitor on the roof.

Meteorological conditions during this period consisted of light winds (2.5 – 3.5 m/sec) from 170°/170°/160° for the three hour period as measured at Reagan Airport and 2.0 – 3.0 m/sec from 157°/165°/169° as measured by the on site monitors. The maximum observed SO_2 concentrations from the monitors on January 18 was as follows:

Date	3-Hour Max. $\mu g/m^3$	24-Hour Avg. $\mu g/m^3$
January 18	27.9	NA
NAAQS	***1,300***	***365***

The follow up modeling predictions were much higher than the actual monitored SO_2 concentration because the actual plume heights from the units that were operating (Units 3,4,5) were higher than calculated by AERMOD. This is because winds from 170° nearly align the stack plumes, causing them to combine and achieve enhanced plume rise. The AERMOD model assumes that the stack gases do not combine.

A review of Table D-1 shows that sometimes there is a large discrepancy between the daily predictive modeling results and the follow-up modeling results using actual observed meteorological observations. On some days, follow-up modeling predicted higher concentrations, while on other days predictive modeling had higher concentrations. During southerly wind conditions, when power plant emissions are carried toward Marina Towers, follow-up modeling often predicts higher impacts than daily forecast modeling. ENSR presented a detailed explanation of the likely reasons for the differences between the daily predictive modeling and follow-up modeling for June, 2006 in a separate memo.

Charts D-1 and D-2 graphically display the data contained in Table D-1, with Chart D-1 displaying 3-hour SO_2 concentrations and Chart D-2 displaying 24-hour SO_2 concentrations for each day in January. The maximum predicted concentrations are always higher than observed concentrations, and generally by a wide margin.

The likely reasons for this were discussed in the June 2006 memorandum cited above and in the Model valuation Study report.

Appendix D presents results of the weekly follow-up modeling. Modeling files are contained on the attached CD. A "read me" file on the CD explains the file structure.

5.0 Ambient Monitoring Data

As of August 2006, all six (6) Mirant Ambient Monitoring Program sites were in operation. The air quality monitoring sites measure ambient concentrations of sulfur dioxide (SO_2) in the vicinity of the Potomac River Power Plant. Three of the sites are at ground level and measure SO_2 at approximately 3-4 meters above ground height. Two sites are at a residential building, Marina Towers, where 2 sample probes measure SO_2 at a rooftop elevation. One probe is located at the center area of the building and one probe is positioned at the corner of the southeast wing of the building. One site is located southwest of the plant on the roof of the Holiday Inn. The six air monitoring sites were selected based on the results of extensive dispersion modeling, and the locations were approved by the U.S. EPA Region III as "preferred" sites in the Administrative Compliance Order dated June 1, 2006 (Docket No. CAA-03-2006-0163DA).

The ambient measurement program includes a meteorological measurement system that is comprised of tower-mounted parameters at the plant site. A separate SODAR system was added in December 2006. The list of air quality and meteorological parameters is provided in Table 5-1.

This report also includes a description of the monitoring equipment and data acquisition system. Section 6 of this report describes the various data validation criteria used for the Mirant ambient monitoring program, while Section 7 presents data results plus data capture statistics along with explanations of significant missing data periods. Appendix E presents monthly summary data reports of air quality and meteorological data. A satellite view of the Air Quality network is presented in Appendix F. The figure shows a view of the land area in the vicinity of the power plant with each measurement site labeled to indicate their location.

5.1 Description of the Ambient Data Report

Ambient air quality and meteorological data are collected and reported on a monthly basis from the Potomac River Generating Station's ambient air quality and meteorological monitoring network. The network was installed between the end of May and the end of July 2006. The Marina Tower probe sites began sampling on June 2, 2006. At the end of June, the network consisted of 4 SO_2 measurement locations, which was increased to 6 probe locations during the later part of July 2006. A separate meteorological monitoring station was installed in July and became operational in August 2006. A separate location has been selected for a SODAR measurement site and will come on line at a later date. The site locations were described in more detail in the monitoring plan document prepared for the project. The air quality data are compared to the National Ambient Air Quality Standards (NAAQS) for SO_2 and summarized on the monthly data report summary pages (MONSUMS) in Appendix E of this report. The parameters that are (and will be) monitored at the sites are listed in Table 5-1. Table 5-2 lists the instrumentation used for the monitoring program.

Configuration, siting, operation, data processing, quality assurance and quality control practices for this measurement program conforms to the provisions of EPA's Ambient Monitoring Guidelines for the Prevention of Significant Deterioration (PSD), EPA-450/4-87-007, May 1987) and On-Site Meteorological Program Guidance for Regulatory Modeling Applications (EPA-450/4-87-013, June 1, 1987) except for the siting criteria of the monitoring stations. Exceptions to the siting criteria were made to meet the special requirements of the measurement program. A project specific Monitoring and QA Plan document details the network locations and operational procedures.

Each site is equipped with an Odessa 3260 data logger that monitors and records the output signals from the continuous measurement analyzers. The data loggers perform preliminary data processing, including computation of 1-hour averages and provide temporary data storage. Wind variability (sigma theta, sigma W) calculations will also be conducted by the data logger. The ENSR Data Center routinely interrogates the data

loggers via a dial-up phone line to retrieve the stored data. Data are then edited and validated within ENSR's PC-based data processing system.

5.2 Continuous Air Quality Measurements

Sulfur dioxide (SO_2) measurements are conducted using continuous measurement analyzers connected to an air intake manifold. Sulfur dioxide is measured at each site using a Thermo Environmental Instruments (TEI) Model 43A analyzer. The Odessa data logger monitors and records the output from the analyzers and provides hourly averages of pollutant concentrations. The hourly averages are reported in the monthly summary reports, which are presented in Appendix E.

Analyzers go through an automatic calibration check each day using the in-station calibration device controlled by the Odessa data logger. The automatic calibration is reviewed each business day by ENSR technical staff to verify that the analyzer is operating within acceptable performance boundaries. In the event that the automatic calibration check shows that the analyzer is not operating as required, corrective action is taken to investigate and resolve any instrument problem, if needed. On a biweekly schedule, each continuous SO_2 analyzer is checked for precision and, if needed, subsequently calibrated using the network gas dilution system (ENSR GASCAL) device and a certified gas cylinder of a known pollutant concentration.

5.3 Meteorological Measurements

A meteorological measurement system was installed during July-August 2006. Meteorological measurements are made at one tower site using sensors manufactured by Climatronics Corporation. Table 5-2 lists the parameter name and model number for each sensor. The sensors are installed on a 20-meter light tower located south of the power plant along the east fence line near the coal storage area. The wind speed, wind direction, and vertical wind sensors were moved from the 10-meter height to a 20-meter height on December 24, 2006. The meteorological site measures the parameters listed in Table 5-1.

The meteorological data is reviewed each business day to confirm that the system is operating properly and the hourly averages appear reasonable. The meteorological sensors receive a complete calibration and maintenance service check every 6 months.

Table 5-1: Summary of Monitoring Program Parameters for Mirant Air Quality Network

Site Name	Monitored Parameters	Elevation Above Ground Level (AGL)
Marina Towers Air Monitoring Site	Sulfur Dioxide (SO_2) – Central Rooftop Location, 1 probe	45-meters
	Sulfur Dioxide (SO_2) – Southeast Rooftop Location, 1 probe	40-meters
Southeast Fence Line	Sulfur Dioxide (SO_2) – 1 probe	5 meters
Northeast Fence Line	Sulfur Dioxide (SO_2) – 1 probe	5 meters
North - Daingerfield Park	Sulfur Dioxide (SO_2) – 1 probe	5 meters
Southwest - Holiday Inn Building	Sulfur Dioxide (SO_2) – 1 probe	5 meters
Meteorological Operations		
Met. Tower Site	Wind Speed (scalar & vector)	20 meters
	Wind Direction (scalar & vector)	20 meters
	Vertical Wind Speed	20 meters
	Sigma Theta	20 meters
	Sigma W	20 meters
	Temperature	2 meters
	Temperature Difference (ΔT)	2 to 10 meters
SODAR Plant Rooftop	Wind Speed (vector)	50, 75, 100, 125, 150, 175, 200 meters
	Wind Direction (vector)	50, 75, 100, 125, 150, 175, 200 meters
	Sigma Theta	50, 75, 100, 125, 150, 175, 200 meters
	Vertical Wind Speeds	50, 75, 100, 125, 150, 175, 200 meters
	Sigma W	50, 75, 100, 125, 150, 175, 200 meters

Table 5-2: Monitoring Equipment for the Mirant Ambient Monitoring Program

Parameter	Instrument	EPA Designation No.
SO_2	Thermo Environmental Instruments (TEI) 43A	EQSA-0486-060
Wind Speed	Climatronics Model F460	N/A
Wind Direction	Climatronics Model F460	N/A
Vertical Wind	RM Young	N/A
Temperature/Temperature Difference	Climatronics	
Sigma Theta, Sigma W	Odessa DSM 3260	N/A
Support Equipment		
Function	**Instrument**	
Data Acquisition	Odessa DSM 3260	
Telemetry – modem	Practical Peripheral (or other)	
Calibration Tracking	Metronics, In-station Calibrators with Permeation Tube	
Multipoint Calibrations and bi-weekly Precision and Level 1 Checks	ENSR GASCAL Portable Gas Dilution Calibration System with Scott Marrin Compressed Gas Cylinder of SO_2 in Nitrogen.	
Data Transmitters	Data Linc – Wireless transmitters/Receivers from measurement site into power plant.	

6.0 Ambient Data Validation Criteria

Data validation, an after-the-fact review of in-field collected data, is the process by which data are determined to be of acceptable or unacceptable quality based on a set of predefined criteria. These criteria depend upon the types of data involved and the purpose for which data are collected.

6.1 Continuous Parameter Data Validation

Data validation, which occurs at several steps along the path of data flow, includes visual, mathematical, and graphical evaluations of the data. Checks are performed by ENSR field technicians, data processing personnel and ENSR operation and maintenance staff. Although the data validation process is continuous, final data validation can only occur at the time of a final calibration of each analyzer so that all of the validation criteria can be considered. ENSR staff review all measured data to determine validity during periods between the routine calibration checks.

Validation of continuous air quality data and meteorological is governed by strict standard operating procedures. For data to be considered valid, they must be accurate and precise within prescribed limits, represent factual conditions, be obtained from a calibrated, well-functioning instrument and from air sampled without interference or obstructions, and be thoroughly documented as traceable to recognized primary standards.

The data validation process initially begins in the field with the ENSR field technician's assessment of data during each site visit. Hourly data averages are subsequently scanned at ENSR for anomalous results and any faulty instrument performance. Events affecting validity are thoroughly documented. During the processing, erroneous data values are highlighted. An experienced ENSR data analyst performs checks of the field station log sheets, calibration data and the data report. The data-review also includes checking any values flagged as suspect and usually 2-5% of each data month's hourly values. Periods of data labeled suspect by the ENSR field technician are subsequently deemed valid or invalid by the ENSR validating meteorologist. All instrument calibrations (i.e., audits, multi-point calibrations, precision and Level 1 checks, etc.) are subsequently analyzed to confirm that initial calibration results are within acceptable tolerances.

6.2 Data Validation Standards and Criteria

The following validation criteria are used in the evaluation of the data:

- The instrument must be in its normal sampling configuration.
- Each hourly average must be based on at least 45 minutes of valid data
- Each air quality data point must be bracketed by calibration checks showing instrument responses to be within ± 15% of input concentration.
- Audit, multipoint, precision and Level 1 calibration records of the continuous air quality sensors must indicate analyzer responses to be within ± 15% of input concentrations for the period under review.
- The following validation limits are used for the tower-based meteorological parameters:

Wind Speed	± 5 mph
Wind Direction	± 20 degrees
Vertical Wind	± 5 mph
Temperature	± 3.0° C

- Limits for SODAR-based meteorological data accuracy were presented in Table 1-2 of the QA Plan. Due to the technology associated with SODAR monitoring, it is sometimes difficult to provide definitive data validation limits where a co-located meteorological tower is not present. ENSR provides quantitative reasonability check tolerances upon which a professional meteorologist can base a data validation decision. The following is the validation criteria that will be used to evaluate SODAR data:

Test	Wind Speed (mph)	Wind Direction (degrees)	Vertical Wind Speed (mph)	Sigma W (mph)	Sigma Theta (degrees)
Acceptable Range	0 to 100	1 to 360	-15 to -15	0 to 30	0 to 180
Hourly Difference Between SODAR and Tower	7.0	30	3.0	0.9	10
Mean Difference of a Data Set (Tower vs. SODAR)	1.1	20	0.5	0.7	5
Standard Deviation of Differences for a Data Set (Tower vs. SODAR)	4.5	30	2.0	0.7	10

SODAR data are not judged invalid solely on the basis of the reasonability check acceptance criteria described in this section. Data failing to meet these reasonability check tolerances are ultimately determined valid or invalid by a meteorologist using professional judgment.

7.0 Ambient Data Results and Statistics

The parameter abbreviations used on the Monthly Data Summary Forms for the Mirant Project and their associated definitions are provided in Table 7-1.

Table 7-2 presents the valid data capture statistics for each monitored parameter for the monitoring period. Also included are explanations of all significant missing data periods throughout the report period for air quality parameters not meeting the 80% data capture goal, and meteorological parameters not meeting the 90% data capture goal.

Table 7-1: Parameters, Site Name Codes, and Abbreviations

Air Quality and Meteorological Parameters	
Parameters / Definition	**Monthly Summary Code**
Sulfur Dioxide	SO_2
Wind Speed	WS
Wind Speed – Vector	WS-Vector
Wind Direction	WD
Wind Direction – Vector	WD-Vector
Vertical Wind Speed	VWS
Sigma Theta (wind direction variability)	Sigma T
Temperature	Temp
Temperature Difference 2 to 10-Meters	Delta T
Site Name	**Site Abbreviation**
Marina Towers – Central Probe	Marina Towers - CNTRL
Marina Towers – South Probe	Marina Towers - SOUTH
Southeast Site	SOUTHEAST SO_2
Northeast Site	NORTHEAST SO_2
Southwest Site/Holiday Inn	SOUTHWEST HOLIDAY IN
North Site/Daingerfield Park	NORTH

Table 7-2: Mirant Monthly Data Capture Summary

January 2007

Site Name	Parameter	% Data Capture*	Total % Data Loss	Reason for Significant Periods of Data Loss**	Affected Dates
Marina Towers Central Probe	SO_2	99.5	0.5		
Marina Towers South Probe	SO_2	99.5	0.5		
Southeast Fence Line	SO_2	99.3	0.7		
Northeast Fence Line	SO_2	99.3	0.7		
Southwest Site/Holiday Inn	SO_2	96.4	3.6		
North Site/Daingerfield Park	SO_2	99.2	0.8		
Meteorological Tower Measurements Reported as of December 1, 2006	Wind Speed	100	0		
	Wind Direction	100	0		
	Vertical Wind	100	0		
	Sigma Theta	100	0		
	Sigma W	100	0		
	Temperature	100	0		
	Temperature Difference	100	0		

* Data capture target values are:
- 80% data capture for continuous air quality data.
- 90% data capture for continuous meteorological data.
- % data capture is based on the date of the site data start-up.

** Consecutive data loss greater than or equal to 12 hours

Appendix A

Modeled Input Files and Results of Daily Predictive Modeling (on CD)

Predictive Model Results Summary Table A-1

Table A-1: Predictive Model Results Summary
Potomac River
AERMOD Model Results Log

DATE MODELED	SELECTED CONFIGURATION	24 Hr AVG TARGET SO2 RATE lb/MBtu	3 HR MAX SO2 RATE (lb/MBtu)	AERMOD PREDICTED CONCENTRATIONS SO2 3-HOUR	SO2 24-HOUR	PM10 24-HOUR
January 1, 2007	4 (Unit 4 @ 12 Min/12Max)	0.60	1.31	435	93	N/A
January 2, 2007	H2 (Unit 1@ 8/8/8; 4&5 @ 24MAX)	0.55	1.10	474	205	N/A
January 3, 2007	42 (C4 @ 24 MAX)	0.60	2.04	280	91	N/A
January 4, 2007	42 (C4 @ 24 MAX)	0.60	3.54	161	75	N/A
January 5, 2007	4 (C4 @ 12 Min/12Max)	0.60	1.22	469	171	N/A
January 6, 2007	4 (C4 @ 12 Min/12Max)	0.60	1.92	297	142	N/A
January 7, 2007	G3 (Units 1-5 @ 24 hrs max)	0.60	1.03	552	147	17
January 8, 2007	Q (#3 & #4 @ 12 Max/12 Min)	0.50	0.93	512	201	N/A
January 9, 2007	A2 (3, 4 & 5 @ 8 Max / 16 Min)	0.45	0.92	466	208	N/A
January 10, 2007	Q2 (Units 3&4 @ 24 MAX)	0.45	1.22	349	207	N/A
January 11, 2007	S2 (Units 4 & 5 @ 24 MAX)	0.60	1.19	477	184	N/A
January 12, 2007	S2 (Units 4 & 5 @ 24 MAX)	0.60	2.19	260	128	N/A
January 13, 2007	S2 (Units 4 & 5 @ 24 MAX)	0.60	2.08	274	113	N/A
January 14, 2007	G1 (1&2 @ 16/8; 3,4,5 @ 12/12)	0.45	0.84	506	210	32
January 15, 2007	S2 (Units 4 & 5 @ 24 MAX)	0.60	1.57	362	106	N/A
January 16, 2007	S2 (Units 4 & 5 @ 24 MAX)	0.60	1.68	339	148	N/A
January 17, 2007	C3 (Units 2,3,4&5 @ 24 Max)	0.55	1.06	495	207	32
January 18, 2007	C (Unit 2 8/8/8; 3,4,5@ 12/12)	0.60	0.96	592	198	20
January 19, 2007	C2 (Unit 2@ 8/8/8; 3,4,5 @ 24max)	0.50	0.87	548	199	25
January 20, 2007	S2 (Units 4 & 5 @ 24 MAX)	0.60	1.37	415	197	N/A
January 21, 2007	I3 (Units 2,4&5 @ 24max)	0.60	1.58	361	99	N/A
January 22, 2007	C3 (Units 2,3,4&5 @ 24 Max)	0.60	2.86	199	58	24
January 23, 2007	A4 (Units 3-4-5 @ 24 hour Max)	0.50	1.25	379	173	N/A
January 24, 2007	C2 (Unit 2@ 8/8/8; 3,4,5 @ 24max)	0.60	1.04	549	198	27
January 25, 2007	A (Units 3-4-5 @ 12 Min / 12 Max)	0.50	1.08	439	192	N/A
January 26, 2007	A1 (C3,4 & 5 @ 16 Max/8 Min)	0.55	0.94	558	190	N/A
January 27, 2007	A (Units 3-4-5 @ 12 Min / 12 Max)	0.55	0.74	710	190	N/A
January 28, 2007	A1 (C3,4 & 5 @ 16 Max/8 Min)	0.40	1.04	366	205	N/A
January 29, 2007	A2 (3, 4 & 5 @ 8 Max / 16 Min)	0.40	0.70	545	207	N/A
January 30, 2007	O1 (1&2 16/8, 4 12/12)	0.60	1.33	429	192	N/A
January 31, 2007	M (Unit 2 @ 8/8/8; 3&4 @ 12/12)	0.45	0.91	468	195	N/A

AMBIENT LIMITS (with background removed)		
3 HR SO2	24 HR SO2	24 HR PM10
1061 ug/m^3	314 ug/m^3	105 ug/m^3

Appendix B

Plant Operating Parameters Summary

24 Hour SO_2 Rate Compliance Summary Table B-1

3 Hour SO_2 Rate Compliance Summary Table B-2

24 Hour SO_2 Lb/Day Compliance Summary Table B-3

Table B-1
24 Hour SO2 Rate Compliance Summary

DATE	Unit 1 SO2 24 Hr Avg lb/MMBtu	Unit 2 SO2 24 Hr Avg lb/MMBtu	Unit 3 SO2 24 Hr Avg lb/MMBtu	Unit 4 SO2 24 Hr Avg lb/MMBtu	Unit 5 SO2 24 Hr Avg lb/MMBtu	Daily SO2 Target lb/MMBtu
January 1, 2007	0.00	0.00	0.00	0.49	0.00	0.60
January 2, 2007	0.00	0.00	0.00	0.29	0.00	0.55
January 3, 2007	0.00	0.00	0.00	0.51	0.00	0.60
January 4, 2007	0.00	0.00	0.00	0.54	0.00	0.60
January 5, 2007	0.00	0.00	0.00	0.00	0.00	0.60
January 6, 2007	0.00	0.00	0.00	0.00	0.00	0.60
January 7, 2007	0.00	0.00	0.08	0.11	0.00	0.60
January 8, 2007	0.00	0.00	0.39	0.48	0.00	0.50
January 9, 2007	0.00	0.00	0.40	0.42	0.34	0.45
January 10, 2007	0.00	0.00	0.40	0.45	0.13	0.45
January 11, 2007	0.00	0.00	0.00	0.50	0.42	0.60
January 12, 2007	0.00	0.00	0.00	0.50	0.49	0.60
January 13, 2007	0.00	0.00	0.00	0.00	0.50	0.60
January 14, 2007	0.00	0.00	0.00	0.00	0.35	0.45
January 15, 2007	0.00	0.00	0.00	0.54	0.41	0.60
January 16, 2007	0.00	0.00	0.11	0.53	0.54	0.60
January 17, 2007	0.00	0.34	0.39	0.52	0.47	0.55
January 18, 2007	0.00	0.00	0.52	0.53	0.50	0.60
January 19, 2007	0.00	0.39	0.49	0.48	0.47	0.50
January 20, 2007	0.00	0.00	0.00	0.55	0.56	0.60
January 21, 2007	0.00	0.52	0.00	0.55	0.55	0.60
January 22, 2007	0.00	0.59	0.14	0.57	0.55	0.60
January 23, 2007	0.00	0.00	0.49	0.46	0.47	0.50
January 24, 2007	0.00	0.45	0.57	0.55	0.53	0.60
January 25, 2007	0.00	0.00	0.48	0.46	0.48	0.50
January 26, 2007	0.00	0.00	0.52	0.52	0.52	0.55
January 27, 2007	0.00	0.00	0.52	0.53	0.53	0.55
January 28, 2007	0.00	0.00	0.39	0.39	0.37	0.40
January 29, 2007	0.00	0.00	0.37	0.40	0.38	0.40
January 30, 2007	0.37	0.45	0.27	0.43	0.00	0.60
January 31, 2007	0.17	0.42	0.45	0.36	0.00	0.45

Table B-2

3-Hour SO2 Rate Compliance Summary

DATE	Unit 1 Maximum 3-Hour SO2 Rate (lb/MMBtu)	Unit 2 Maximum 3-Hour SO2 Rate (lb/MMBtu)	Unit 3 Maximum 3-Hour SO2 Rate (lb/MMBtu)	Unit 4 Maximum 3-Hour SO2 Rate (lb/MMBtu)	Unit 5 Maximum 3-Hour SO2 Rate (lb/MMBtu)	3-Hour SO2 Target (lb/MMBtu)
January 1, 2007	0.00	0.00	0.00	0.54	0.00	1.31
January 2, 2007	0.00	0.00	0.00	0.45	0.00	1.10
January 3, 2007	0.00	0.00	0.00	0.60	0.00	2.04
January 4, 2007	0.00	0.00	0.00	0.58	0.00	3.54
January 5, 2007	0.00	0.00	0.00	0.46	0.00	1.22
January 6, 2007	0.00	0.00	0.00	0.00	0.00	1.92
January 7, 2007	0.00	0.00	0.08	0.13	0.00	1.03
January 8, 2007	0.00	0.00	0.52	0.74	0.07	0.93
January 9, 2007	0.00	0.00	0.41	0.54	0.46	0.92
January 10, 2007	0.00	0.00	0.42	0.55	0.15	1.22
January 11, 2007	0.00	0.00	0.00	0.59	0.55	1.19
January 12, 2007	0.00	0.00	0.00	0.56	0.54	2.19
January 13, 2007	0.00	0.00	0.00	0.56	0.55	2.08
January 14, 2007	0.00	0.00	0.00	0.11	0.52	0.84
January 15, 2007	0.00	0.00	0.00	0.73	0.55	1.57
January 16, 2007	0.00	0.09	0.16	0.57	0.57	1.68
January 17, 2007	0.00	0.45	0.52	0.65	0.53	1.06
January 18, 2007	0.00	0.00	0.54	0.76	0.55	0.96
January 19, 2007	0.00	0.51	0.55	0.58	0.57	0.87
January 20, 2007	0.00	0.15	0.00	0.56	0.59	1.37
January 21, 2007	0.00	0.59	0.00	0.55	0.56	1.58
January 22, 2007	0.00	0.80	0.17	0.71	0.57	2.86
January 23, 2007	0.00	0.00	0.67	0.52	0.50	1.25
January 24, 2007	0.00	0.59	0.65	0.57	0.55	1.04
January 25, 2007	0.00	0.00	0.49	0.47	0.48	1.08
January 26, 2007	0.00	0.00	0.52	0.53	0.52	0.94
January 27, 2007	0.00	0.00	0.53	0.59	0.60	0.74
January 28, 2007	0.00	0.00	0.42	0.46	0.39	1.04
January 29, 2007	0.00	0.00	0.39	0.47	0.48	0.70
January 30, 2007	0.75	0.61	0.17	0.70	0.00	1.33
January 31, 2007	0.17	0.43	0.63	0.56	0.00	0.91

Table B-3

24 Hour SO2 Lb/Day Compliance Summary

DATE	Unit 1 SO2		Unit 2 SO2		Unit 3 SO2		Unit 4 SO2		Unit 5 SO2		Total SO2	
	24 Hr Total lb/day	SO2 Target1 lb/day	24 Hr Total lb/day	SO2 Target lb/day	24 Hr Total lb/day	SO2 Target lb/day	24 Hr Total lb/day	SO2 Target lb/day	24 Hr Total lb/day	SO2 Target lb/day	24 Hr Total lb/day	SO2 Target lb/day
January 1, 2007	-	-	-	-	-	-	3,795	10,408	-	-	3,795	10,408
January 2, 2007	-	7,054	-	-	-	-	1,001	13,792	-	13,792	1,001	34,637
January 3, 2007	-	-	-	-	-	-	6,489	15,045	-	-	6,489	15,045
January 4, 2007	-	-	-	-	-	-	6,271	15,045	-	-	6,271	29,884
January 5, 2007	-	-	-	-	-	-	316	10,408	-	-	316	10,408
January 6, 2007	-	-	-	-	-	-	-	10,408	-	-	-	10,408
January 7, 2007	-	16,021	-	16,021	16	15,045	28	15,045	-	15,045	44	77,178
January 8, 2007	-	-	-	-	3,664	8,673	5,557	8,673	10	-	9,231	17,346
January 9, 2007	-	-	-	-	5,348	6,646	4,275	6,646	2,920	6,646	12,543	19,939
January 10, 2007	-	-	-	-	2,625	11,284	6,668	11,284	40	-	9,333	22,568
January 11, 2007	-	-	-	-	-	-	7,607	15,045	5,587	15,045	13,194	30,091
January 12, 2007	-	-	-	-	-	-	6,142	15,045	5,340	15,045	11,482	30,091
January 13, 2007	-	-	-	-	-	-	415	15,045	5,832	15,045	6,247	30,091
January 14, 2007	-	8,010	-	8,010	-	7,806	16	7,806	195	7,806	211	39,438
January 15, 2007	-	-	-	-	-	-	6,580	15,045	5,186	15,045	11,766	30,091
January 16, 2007	-	-	5	-	23	-	7,754	15,045	7,658	15,045	15,440	30,091
January 17, 2007	-	-	762	14,686	5,430	13,792	8,838	13,792	5,190	13,792	20,220	56,060
January 18, 2007	-	-	-	7,695	9,710	10,408	4,709	10,408	5,984	10,408	20,403	38,918
January 19, 2007	-	-	4,748	6,413	6,446	12,538	7,842	12,538	6,787	12,538	25,823	44,026
January 20, 2007	-	-	17	-	-	-	7,679	15,045	10,246	15,045	17,942	30,091
January 21, 2007	-	-	9,887	16,021	-	-	11,055	15,045	9,614	15,045	30,556	46,111
January 22, 2007	-	-	9,746	16,021	77	15,045	11,018	15,045	8,401	15,045	29,242	61,157
January 23, 2007	-	-	205	-	7,621	12,538	9,319	12,538	8,537	12,538	25,682	37,613
January 24, 2007	-	-	5,720	7,695	9,960	15,045	10,835	15,045	10,335	15,045	36,850	52,831
January 25, 2007	-	-	-	-	7,231	8,673	7,712	8,673	6,215	8,673	21,158	26,019
January 26, 2007	-	-	-	-	8,234	10,957	9,177	10,957	6,200	10,957	23,611	32,872
January 27, 2007	-	-	-	-	7,746	9,540	8,312	9,540	8,030	9,540	24,088	28,621
January 28, 2007	-	-	-	-	4,689	7,969	5,277	7,969	5,438	7,969	15,404	23,907
January 29, 2007	-	-	-	-	5,305	5,908	4,783	5,908	1,969	5,908	12,057	17,723
January 30, 2007	2,922	10,680	9,020	10,680	94	-	794	10,408	-	-	12,830	31,769
January 31, 2007	41	-	5,917	5,771	4,826	7,806	1,613	7,806	-	-	12,397	21,383

Appendix C

Plant Operating Data for January (on CD)

Appendix D

Follow-Up Modeling Results (on CD)

Follow-up Model Summary Table D-1

3 Hour SO_2 Comparison Figure D-1

24 Hour SO_2 Comparison Figure D-2

ENSR

Table D-1: Follow-Up Model Summary

Mirant Potomac, Alexandria, Virginia

Maximum SO_2 Impacts Predicted by AERMOD Using Actual Stack Emissions/Parameters Along with Historical Meteorological Observations

Maximum Measured SO_2 Concentrations from Ambient Monitoring Network

Predicted Concentrations above the threshold values are in **bold**

3-hr Threshold Value: 1300 (NAAQS) - 238.4 (Background) = 1061.6 $\mu g/m^3$

24-hr Threshold Value: 365 (NAAQS) - 51 (Background) = 314 $\mu g/m^3$

Date	Units Operating	AERMOD Predicted Concentrations with Predicted Met Data		AERMOD Predicted Concentrations with Observed Met Data		Observed MONITOR DATA		
		3-hr ($\mu g/m^3$)	24-hr ($\mu g/m^3$)	3-hr ($\mu g/m^3$)	24-hr ($\mu g/m^3$)	3-hr ($\mu g/m^3$)	24-hr ($\mu g/m^3$)	
January 1, 2007	Unit 4	435	92	34	6	14.4	8.8	
January 2, 2007	Unit 4	430	186	57	9	20.3	14.2	
January 3, 2007	Unit 4	279	90	180.5	75.4	31.9	17.8	
January 4, 2007	Unit 4	161	75	137.5	82.5	33.6	16.4	
January 5, 2007	Unit 4	469	171	60.5	7.6	10.5	7.4	
January 6, 2007	No Units Operating	n/a	n/a	n/a	n/a	9.6	7.9	
January 7, 2007	Units 3, 4	552	147	13.3	1.7	19.6	13.0	
January 8, 2007	Units 3, 4	512	201	360	135	148.7	33.1	
January 9, 2007	Units 3, 4, 5	466	208	229.0	130.7	43.2	15.5	
January 10, 2007	Units 3, 4	349	207	186.2	78.0	99.6	46.8	
January 11, 2007	Units 4, 5	476	184	613.1	297.8	138.8	36.9	
January 12, 2007	Units 4, 5	259	128	226.1	98.8	41.0	19.8	
January 13, 2007	Units 4, 5	539	86	100.1	52.2	31.4	19.1	
January 14, 2007	Units 4, 5	505	209	9.8	1.7	13.5	12.0	
January 15, 2007	Units 4, 5	361	105	197.0	76.4	22.3	11.2	
January 16, 2007	Units 4, 5	339	148	170.8	88.4	278.6	172.5	
January 17, 2007	Units 2, 3, 4, 5	495	207	611.7	93.9	163.8	47.8	
January 18, 2007	Units 3, 4, 5	591	197	**1,213.4**	213.7	27.9	23.5	Max Impact Location - Roof of Marina Towers
January 19, 2007	Units 2, 3, 4, 5	547	198	586.2	268.4	323.6	115.1	
January 20, 2007	Units 4, 5	414	197	203.6	61.0	297.8	128.5	
January 21, 2007	Units 2, 4, 5	361	99	477.5	114.7	68.6	34.4	
January 22, 2007	Units 2, 3, 4, 5	199	58	254.2	42.5	21.8	18.1	
January 23, 2007	Units 3, 4, 5	378	172	339.8	124.9	121.8	42.8	
January 24, 2007	Units 2, 3, 4, 5	549	198	623.6	226.3	33.6	23.1	
January 25, 2007	Units 3, 4, 5	439	192	389.9	209.9	320.1	131.1	
January 26, 2007	Units 3, 4, 5	558	190	540.6	134.2	290.4	65.0	
January 27, 2007	Units 3, 4, 5	710	190	968.3	254.0	55.5	26.5	
January 28, 2007	Units 3, 4, 5	366	204	239.0	98.7	216.6	62.9	
January 29, 2007	Units 3, 4, 5	545	207	339.3	183.5	189.1	92.1	
January 30, 2007	Unts 1, 2, 4	428	192	717.0	181.3	233.2	49.2	
January 31, 2007	Units 2, 3, 4	468	195	510.0	129.1	104.8	41.8	

Figure D-1: January 2007 3 Hr SO2 Comparison

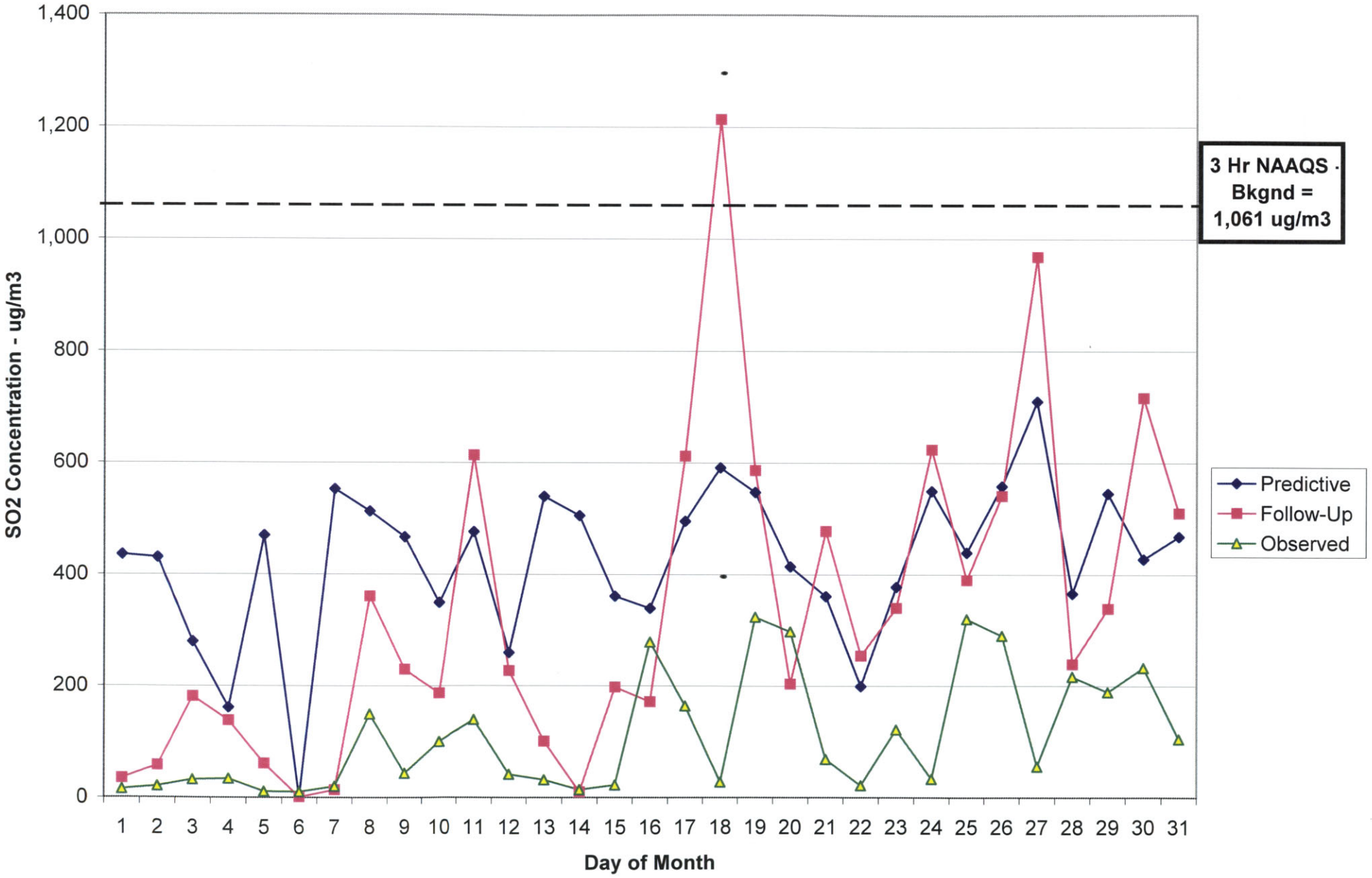
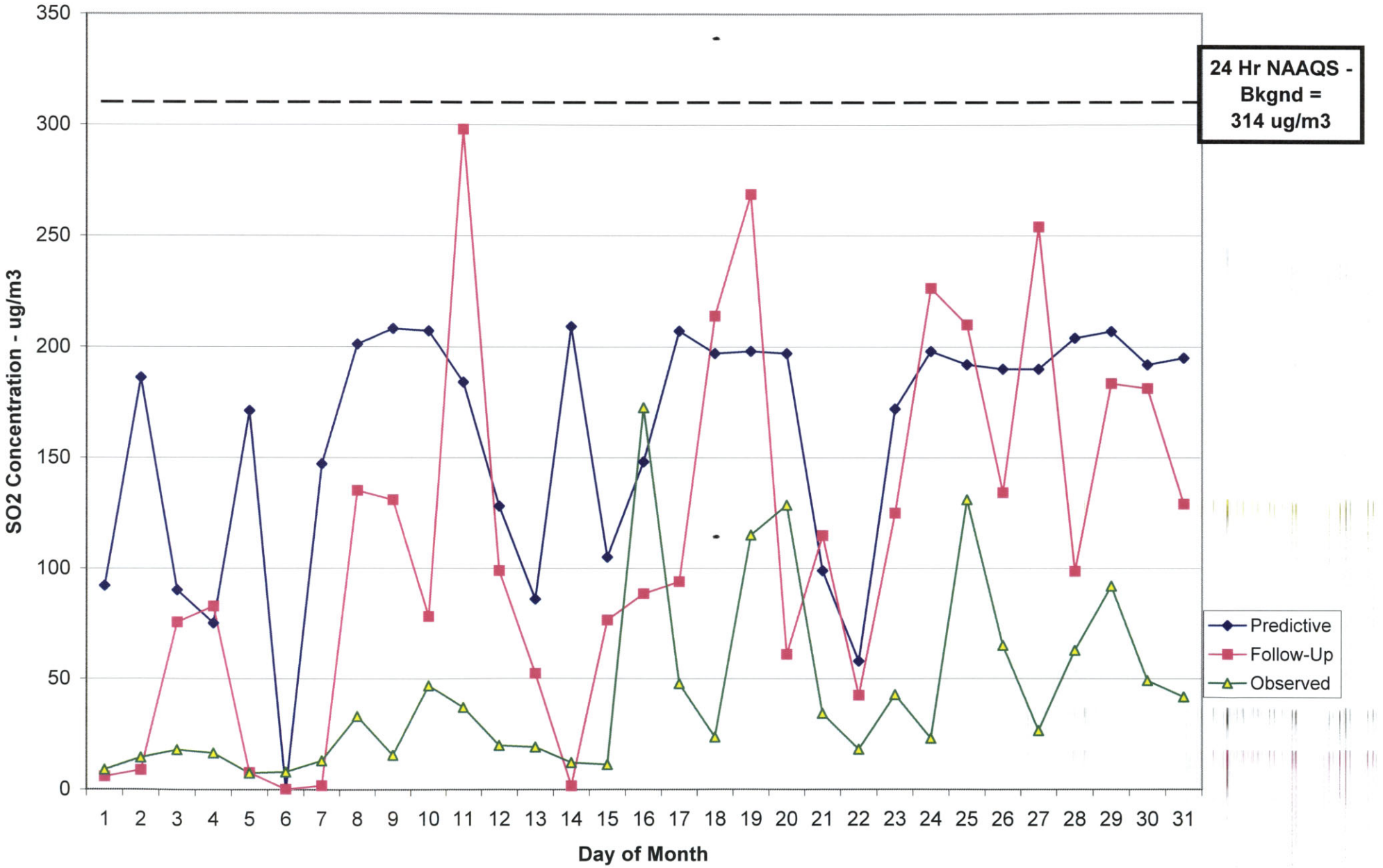


Figure D-2: January 2007 24 Hr SO2 Comparison



Appendix E

Monthly Summary Data Reports (on CD)

Monthly SO_2 and Meteorological Summary Reports

ENSR | AECOM

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:MARINA TOWERS SO2 CNTRL (ug/m3)

DATA FOR JAN 2007
RUN DATE:02/06/07

	HOURS(est)																						
HR-BEG00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
HR-END01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DAY																							AVG
1	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	7	12	8	4	3	3	4
2	5	8	5	7	8	7	5	5	7	12	10	14	8	5	8	5	4	4	7	8	8	12	12	8	8
3	4	5	4	4	3	3	5	7	8	9	12	5	8	10	16	24	20	17	12	9	14	10	14	10	10
4	8	8	7	5	4	7	8	5	7	7	10	21	9	8	7	5	5	14	10	8	4	7	3	3	7
5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	5	4	3
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	7	3
7	5	8	8	8	4	7	13	13	13	10	8	13	12	7	3	12	12	10	3	3	3	3	3	3	8
8	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3	4	3	3	3	5	3
9	7	7	4	5	3	3	3	3	4	4	4	3	7	3	3	3	3	3	3	3	9	10	12	13	5
10	10	9	10	9	10	10	8	5	4	3	4	4	4	4	7	8	12	17	16	14	10	10	10	9	9
11	13	14	12	17	13	10	14	14	20	12	52	----	214	122	81	84	46	8	22	22	14	9	8	8	36
12	7	5	5	8	10	9	10	10	13	17	16	12	8	7	7	4	3	3	5	7	7	8	8	16	8
13	20	18	26	18	16	16	14	12	14	10	7	5	5	4	3	3	3	4	4	4	8	7	7	8	10
14	9	5	4	4	4	5	7	4	4	5	7	4	4	5	5	9	4	3	3	3	3	3	4	4	5
15	4	7	7	5	4	3	4	5	5	5	4	5	5	5	4	5	4	4	4	3	5	8	7	7	5
16	5	4	7	7	8	8	5	13	12	13	9	12	8	7	5	10	9	13	17	18	12	14	12	8	10
17	5	3	4	4	3	3	3	3	3	3	3	4	3	3	7	8	16	22	25	22	21	13	7	16	8
18	13	24	16	16	16	17	16	12	14	12	9	9	8	7	8	10	14	14	17	16	12	8	5	3	12
19	3	4	4	4	5	4	4	7	7	8	7	5	3	4	4	4	3	5	5	5	5	5	3	4	5
20	5	3	3	4	7	8	7	5	8	10	5	3	3	4	4	5	8	9	8	9	28	26	26	42	10
21	29	29	35	34	25	24	18	12	7	4	5	7	10	3	3	29	43	55	29	24	13	20	10	9	20
22	29	9	7	7	7	7	9	9	7	5	5	5	8	8	8	7	7	5	4	7	5	4	5	4	7
23	4	4	8	12	17	25	29	28	14	9	5	7	8	9	7	7	7	8	8	8	8	9	10	12	11
24	10	9	7	7	8	12	13	16	14	10	9	10	12	14	14	10	12	12	17	13	13	10	16	13	12
25	10	12	12	10	14	17	13	12	12	10	16	18	21	----	----	----	17	12	14	9	8	8	5	8	12
26	12	20	22	22	17	12	17	17	17	20	10	7	5	5	7	7	5	7	5	4	4	4	5	5	11
27	7	13	9	9	8	7	9	14	20	14	37	56	52	30	10	4	4	8	8	12	26	37	38	30	19
28	33	25	24	26	24	21	18	14	8	9	8	8	8	7	8	8	8	5	20	21	17	20	13	9	15
29	12	16	13	17	20	20	14	13	16	16	14	10	9	9	8	8	8	9	9	9	9	9	9	9	12
30	8	8	9	12	14	18	13	13	13	13	17	10	9	7	8	8	5	4	7	5	8	10	9	9	10
31	9	13	14	16	17	18	21	24	20	16	14	10	9	5	3	5	5	5	8	8	7	7	8	7	11
AVG	10	10	10	10	10	10	10	10	10	9	10	9	15	10	8	10	10	9	10	9	10	10	9	9	10
HOURS	31	31	31	31	31	31	31	31	31	31	31	30	31	30	30	30	31	31	31	31	31	31	31	31	740

TOTAL HOURS	= 744	TOTAL AVERAGE	= 10	- 3HR RUNNING AVERAGE-		-24HR RUNNING AVERAGE-
NUMBER OF GOOD HOURS	= 740	HIGHEST HOURLY VALUE	= 214	0VALUES EXCEED1300		0VALUES EXCEED 365
NUMBER OF MISSING HOURS	= 4	2nd HIGH HOURLY VALUE	= 122	HIGHEST AVERAGE 139		HIGHEST AVERAGE 36
DATA CAPTURE (PERCENT)	= 99.5	MINIMUM REPORTED VALUE	= 3	2nd HIGHEST AVG. 48		2nd HIGHEST AVG. 24
STANDARD DEVIATION	= 12					

NOTE: MISSING VALUE INDICATOR IS----

DATA VALIDATED BY
ENSR

ENSR | AECOM

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:MARINA TOWERS SO2 SOUTH (ug/m3)

DATA FOR JAN 2007
RUN DATE:02/06/07

HOURS(est)

HR-BEG HR-END DAY	00 01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
1	3	3	3	13	7	3	3	3	3	3	3	3	4	5	4	3	3	3	9	14	9	4	4	5	5
2	8	10	8	9	10	9	8	7	9	16	17	20	10	9	12	8	7	7	10	13	13	17	14	10	11
3	7	8	7	8	5	4	8	9	12	16	16	10	12	16	24	30	25	20	14	12	18	13	17	14	13
4	10	10	10	9	8	9	10	9	9	10	16	24	13	13	10	9	9	14	10	9	7	14	8	5	11
5	5	4	3	3	4	4	4	4	3	3	3	3	3	3	3	3	4	4	3	3	4	7	7	5	4
6	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	7	3
7	7	9	9	9	5	9	14	16	16	13	10	18	17	8	4	16	16	12	3	3	3	3	3	3	9
8	3	3	3	3	4	3	3	3	3	3	5	5	5	7	3	3	3	3	4	7	5	4	5	8	4
9	8	8	7	7	5	5	5	5	5	8	7	8	22	5	5	4	4	4	4	7	10	12	14	16	8
10	12	12	12	10	13	12	10	8	7	5	7	7	7	8	9	10	16	18	17	16	14	14	13	13	11
11	22	22	16	21	16	14	17	16	22	16	50	----	169	109	94	96	37	10	17	31	18	14	10	10	37
12	10	13	14	12	14	12	18	13	17	21	20	14	10	9	8	7	5	5	8	8	8	9	12	20	12
13	22	22	28	21	18	18	16	14	17	13	10	9	9	8	5	5	5	7	7	7	10	8	8	9	12
14	10	7	7	5	5	7	7	5	7	8	9	7	7	8	8	12	7	5	4	4	4	4	5	5	6
15	7	8	8	8	5	8	8	8	8	8	7	7	8	8	7	7	5	5	4	4	59	25	9	8	10
16	7	5	8	7	9	9	5	14	13	14	9	13	9	8	8	13	10	16	20	20	14	16	13	8	11
17	5	5	5	5	3	3	3	4	4	3	5	5	4	5	8	10	20	26	28	28	26	16	9	22	10
18	18	22	20	20	21	22	20	16	20	16	13	13	12	10	12	13	16	18	20	18	14	12	9	5	16
19	5	7	7	7	8	8	8	9	10	10	9	8	7	7	7	5	4	8	7	8	7	7	7	8	7
20	7	5	5	8	8	10	9	8	12	13	8	5	5	7	7	8	10	12	10	12	31	29	29	46	13
21	31	31	39	38	28	25	21	13	9	7	8	10	18	5	4	42	52	64	34	28	16	18	13	13	24
22	29	10	8	9	8	8	13	13	10	9	9	10	10	10	10	9	9	9	8	7	5	5	5	5	10
23	5	5	9	13	18	28	31	29	16	10	7	8	10	10	9	9	10	12	10	10	10	10	12	14	13
24	13	10	10	10	12	16	17	18	20	14	14	16	18	21	21	17	16	17	20	16	17	12	17	17	16
25	14	14	13	12	16	18	13	13	14	14	18	21	25	----	----	----	21	16	16	9	8	8	8	9	14
26	13	22	24	24	18	14	20	21	21	24	14	10	8	9	10	9	9	9	9	8	7	7	9	8	14
27	10	18	12	12	10	9	13	17	24	20	86	60	54	76	18	10	7	12	12	14	28	41	42	31	27
28	37	26	25	28	25	22	21	17	10	12	10	10	8	9	9	9	9	7	22	22	20	21	14	12	17
29	13	18	16	18	21	21	16	16	18	18	17	13	12	12	10	10	10	10	12	12	13	12	12	12	14
30	12	12	10	14	17	22	16	16	16	17	21	25	14	9	13	10	7	7	7	7	9	10	9	10	13
31	10	14	17	17	17	20	22	26	21	18	18	14	12	9	7	8	9	8	10	10	9	9	10	10	14
AVG	12	12	12	12	12	12	12	12	12	12	14	13	17	14	12	13	12	12	12	12	14	12	11	12	12
HOURS	31	31	31	31	31	31	31	31	31	31	31	30	31	30	30	30	31	31	31	31	31	31	31	31	740

TOTAL HOURS	= 744	TOTAL AVERAGE	= 12	- 3HR RUNNING AVERAGE-		-24HR RUNNING AVERAGE-
NUMBER OF GOOD HOURS	= 740	HIGHEST HOURLY VALUE	= 169	0VALUES EXCEED	1300	0VALUES EXCEED 365
NUMBER OF MISSING HOURS	= 4	2nd HIGH HOURLY VALUE	= 109	HIGHEST AVERAGE	124	HIGHEST AVERAGE 37
DATA CAPTURE (PERCENT)	= 99.5	MINIMUM REPORTED VALUE	= 3	2nd HIGHEST AVG.	67	2nd HIGHEST AVG. 31
STANDARD DEVIATION	= 12					

NOTE: MISSING VALUE INDICATOR IS----

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* DATA VALIDATED BY *
* ENSR *
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ENSR | AECOM

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

DATA FOR JAN 2007
RUN DATE:02/09/07

LOCATION:SOUTHEAST SO2 SO2 (ug/m3)

HOURS(est)

HR-BEG	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
HR-END	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
DAY																									AVG
1	4	3	3	4	8	3	3	3	4	4	4	4	7	8	7	5	3	3	12	16	8	4	4	5	5
2	9	12	8	10	10	9	9	8	9	18	16	21	17	18	20	13	10	8	12	16	10	14	12	12	13
3	7	9	8	9	7	5	5	10	12	16	17	9	13	18	25	31	26	21	16	13	20	16	20	13	14
4	12	12	12	9	8	10	12	10	10	10	13	13	13	12	10	10	9	12	12	9	7	8	7	4	10
5	5	4	4	4	4	4	4	4	4	3	3	3	3	3	3	4	4	4	3	3	5	8	8	7	4
6	4	4	4	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	5	8	3
7	7	10	9	10	5	10	17	17	16	14	10	22	16	8	4	16	16	12	4	3	3	3	3	3	10
8	3	3	3	3	3	3	3	3	3	28	63	10	12	84	115	----	161	136	76	14	18	7	7	7	33
9	7	7	7	7	7	7	5	7	8	8	8	7	7	8	7	26	88	16	8	25	29	37	21	21	16
10	128	123	47	25	31	20	16	10	8	86	136	72	43	59	59	29	31	71	39	24	17	18	14	16	47
11	17	17	16	17	18	16	17	16	20	16	25	67	71	39	14	10	9	9	12	22	13	12	10	10	21
12	9	9	9	12	16	12	13	14	18	22	21	16	13	12	9	8	7	7	10	10	10	12	13	22	13
13	25	25	29	21	20	21	17	17	18	16	12	10	12	9	8	7	8	9	9	9	13	10	8	9	14
14	10	7	7	7	7	8	7	5	7	8	8	8	9	10	9	13	8	5	5	4	4	5	5	5	7
15	7	8	8	7	5	5	7	8	9	9	9	8	8	8	7	7	7	7	5	4	5	10	9	8	7
16	7	7	114	118	106	284	172	278	160	195	102	160	220	274	135	258	96	75	132	173	240	225	288	322	172
17	244	109	139	121	45	9	4	18	5	33	89	47	38	20	25	12	24	30	33	33	31	16	10	13	48
18	18	21	21	22	24	25	22	17	21	17	12	14	12	12	14	14	16	20	21	18	16	13	12	8	17
19	8	9	9	9	9	9	9	9	10	10	216	342	388	271	312	248	212	295	131	71	141	25	12	7	115
20	7	8	7	9	56	102	152	177	77	100	248	346	267	345	282	187	229	143	41	33	63	86	62	60	129
21	42	48	63	56	33	30	25	16	10	8	10	12	9	7	7	60	63	71	41	31	17	16	14	14	29
22	35	13	10	10	10	13	16	17	14	13	14	13	13	14	13	13	10	10	9	8	7	5	7	7	12
23	5	7	13	25	30	60	47	62	75	92	110	164	86	----	25	12	13	13	14	14	13	14	38	52	43
24	17	13	13	13	16	16	16	18	20	17	16	18	21	24	24	18	17	16	16	16	16	16	24	25	18
25	18	14	50	58	155	121	39	24	18	18	106	83	143	68	71	217	110	118	165	309	282	310	301	348	131
26	269	389	214	173	102	83	56	25	35	71	18	10	9	10	10	10	12	14	8	8	8	8	9	8	65
27	10	21	14	13	13	10	13	20	24	18	14	10	8	8	9	9	8	13	12	16	31	45	37	34	17
28	37	25	26	29	30	29	24	20	14	14	13	35	18	25	43	12	28	97	97	115	130	269	127	254	63
29	228	59	102	119	244	204	109	86	123	164	88	139	88	----	----	----	56	42	16	14	14	13	13	13	92
30	14	10	9	13	16	17	14	14	16	17	14	16	12	10	9	10	8	10	13	68	169	236	342	122	49
31	33	81	75	21	28	46	114	80	121	71	88	34	33	33	35	12	26	10	10	12	10	10	10	9	42
AVG	40	35	34	31	34	38	31	33	29	36	49	55	52	49	44	44	42	42	32	36	44	48	47	47	40
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	29	30	29	31	31	31	31	31	31	31	31	739

TOTAL HOURS = 744
NUMBER OF GOOD HOURS = 739
NUMBER OF MISSING HOURS= 5
DATA CAPTURE (PERCENT) = 99.3
STANDARD DEVIATION = 67

TOTAL AVERAGE = 40
HIGHEST HOURLY VALUE = 389
2nd HIGH HOURLY VALUE = 388
MINIMUM REPORTED VALUE= 3

- 3HR RUNNING AVERAGE-
0VALUES EXCEED1300
HIGHEST AVERAGE 335
2nd HIGHEST AVG. 334

-24HR RUNNING AVERAGE-
0VALUES EXCEED 365
HIGHEST AVERAGE 188
2nd HIGHEST AVG. 169

NOTE: MISSING VALUE INDICATOR IS----

DATA VALIDATED BY
ENSR

ENSR | AECOM

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:NORTHEAST SO2 SO2 (ug/m3)

DATA FOR JAN 2007
RUN DATE:02/12/07

HOURS(est)																								
HR-BEG	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
HR-END	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
DAY																									AVG
1	5	5	5	7	8	5	5	5	5	7	7	7	7	8	9	8	7	7	9	12	12	9	8	8	7
2	9	12	9	10	10	10	9	9	12	20	17	22	14	12	14	10	9	9	10	14	12	14	10	9	12
3	7	8	7	7	7	7	7	9	10	16	17	13	17	18	26	31	26	22	17	14	18	16	17	16	15
4	12	12	12	9	9	9	12	9	12	12	13	14	----	----	12	12	12	10	10	8	8	9	7	7	10
5	7	5	7	5	5	5	5	7	5	5	5	5	5	5	7	7	7	7	7	7	7	8	8	8	6
6	8	9	9	8	7	7	7	7	8	10	9	9	9	8	7	7	7	7	7	7	7	7	12	10	8
7	9	13	12	13	8	13	17	18	18	16	13	20	18	10	7	17	17	13	5	5	5	5	4	4	12
8	5	4	4	4	4	5	5	5	8	17	18	12	45	41	35	26	38	16	21	56	51	30	14	12	20
9	8	10	7	8	7	7	7	7	8	10	8	8	10	29	8	33	5	5	7	9	12	14	16	14	11
10	18	21	22	24	17	22	18	9	7	10	43	18	20	20	30	56	33	21	18	17	14	12	13	12	21
11	13	10	10	10	12	9	10	9	14	12	20	54	58	33	13	9	8	8	8	16	9	7	5	7	15
12	7	7	7	9	13	10	10	10	12	17	18	12	8	7	5	4	4	4	4	4	5	5	7	9	8
13	10	10	13	12	10	12	10	9	10	10	12	10	10	10	9	8	8	8	7	8	8	8	8	8	10
14	8	7	5	5	5	5	5	5	5	7	8	8	8	10	10	12	10	9	8	8	8	7	8	8	7
15	8	8	9	8	8	8	8	8	8	9	10	12	12	13	12	12	10	10	10	12	9	10	10	10	10
16	12	10	12	17	14	24	25	21	17	20	13	16	14	16	20	26	17	17	25	22	24	28	18	25	19
17	8	7	7	8	3	3	4	4	5	3	5	7	7	7	12	10	18	25	28	26	25	16	7	8	10
18	12	12	12	12	12	13	10	9	10	12	9	10	9	8	9	10	10	13	13	13	12	9	7	5	11
19	5	5	5	5	7	7	7	7	13	22	135	51	39	62	73	38	35	60	136	47	50	86	9	8	38
20	7	8	9	18	97	34	60	17	14	17	45	35	34	63	42	12	16	13	10	12	34	30	28	42	29
21	31	30	39	38	28	26	21	14	8	7	8	9	8	5	4	28	39	47	28	24	13	9	8	7	20
22	13	8	7	7	7	7	7	8	8	8	8	9	9	9	8	8	8	7	7	5	5	5	5	5	7
23	5	5	8	10	16	24	28	26	20	18	8	----	----	39	56	10	21	12	10	10	9	9	12	13	17
24	12	10	9	9	10	13	13	14	16	13	17	39	31	37	33	26	20	14	13	13	13	12	18	17	18
25	16	13	16	51	20	21	14	14	14	26	29	28	34	134	56	29	42	25	26	51	41	22	21	14	32
26	16	35	31	26	17	14	21	20	22	25	83	88	37	16	31	21	17	9	7	7	7	7	8	8	24
27	9	20	13	12	9	8	9	8	14	13	10	8	7	8	9	8	8	12	12	16	29	43	33	31	15
28	34	24	21	26	26	22	21	16	9	8	8	8	8	9	9	9	10	9	26	22	28	28	29	28	18
29	33	117	85	58	46	24	25	41	18	21	30	14	43	37	46	48	26	10	10	10	12	12	12	10	33
30	12	7	5	5	7	9	7	7	8	10	9	12	9	----	8	9	17	56	7	7	9	13	25	14	12
31	13	26	22	13	14	18	24	28	20	17	17	17	12	9	9	10	8	7	8	9	8	8	8	7	14
AVG	12	15	14	15	15	13	14	12	12	13	21	19	19	23	20	18	17	16	17	16	16	16	13	12	16
HOURS	31	31	31	31	31	31	31	31	31	31	31	30	29	29	31	31	31	31	31	31	31	31	31	31	739

TOTAL HOURS	= 744	TOTAL AVERAGE	= 16	- 3HR RUNNING AVERAGE-		-24HR RUNNING AVERAGE-
NUMBER OF GOOD HOURS	= 739	HIGHEST HOURLY VALUE	= 136	0VALUES EXCEED1300		0VALUES EXCEED 365
NUMBER OF MISSING HOURS	= 5	2nd HIGH HOURLY VALUE	= 135	HIGHEST AVERAGE 86		HIGHEST AVERAGE 47
DATA CAPTURE (PERCENT)	= 99.3	MINIMUM REPORTED VALUE	= 3	2nd HIGHEST AVG. 81		2nd HIGHEST AVG. 37
STANDARD DEVIATION	= 15					

NOTE: MISSING VALUE INDICATOR IS----

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* DATA VALIDATED BY *
* ENSR *
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ENSR | AECOM

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:NORTH-DAINGERFIELD SO2 (ug/m3)

DATA FOR JAN 2007
RUN DATE:02/12/07

HR-BEG00 / HR-END01 / DAY	00 01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
HOURS(est)																									
1	3	4	3	9	7	4	4	4	4	4	4	4	4	5	7	5	4	3	5	7	7	4	5	7	5
2	9	12	8	10	10	10	9	8	10	20	----	21	13	13	13	9	8	8	9	12	13	13	12	10	11
3	9	9	9	9	9	8	8	8	9	20	17	31	13	21	34	48	26	21	17	16	18	21	18	26	18
4	38	37	26	29	24	33	22	10	13	12	13	13	14	12	10	10	10	9	12	10	7	8	10	10	16
5	12	8	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4
6	4	4	4	3	3	3	3	3	3	5	4	4	3	3	3	3	3	3	3	3	3	4	7	8	3
7	7	10	9	9	7	10	14	17	16	14	10	17	16	9	5	12	13	5	3	3	3	3	3	3	9
8	3	3	3	3	3	3	3	4	4	4	7	7	7	8	4	4	----	4	5	7	7	5	7	5	5
9	7	7	8	7	7	8	8	7	8	9	9	28	18	7	7	5	5	5	5	8	12	12	14	14	9
10	12	13	13	10	13	13	10	9	8	7	9	9	8	8	10	12	16	18	17	16	10	12	12	10	12
11	10	12	10	13	12	10	12	13	20	18	24	64	60	38	21	55	35	12	10	20	12	10	25	30	23
12	45	43	35	33	18	28	45	22	24	21	21	16	13	10	9	8	7	7	9	8	8	10	13	22	20
13	24	26	35	26	24	21	17	13	16	14	12	9	9	9	8	8	8	8	7	8	10	10	8	7	14
14	7	5	4	4	4	4	4	4	4	4	8	8	8	9	8	10	8	5	5	5	4	4	5	4	6
15	5	7	13	10	8	7	18	8	8	10	9	9	18	10	9	10	10	10	7	7	5	22	10	10	10
16	9	8	9	9	12	10	7	16	14	16	10	14	10	9	9	14	13	17	18	18	14	16	14	10	12
17	7	7	7	7	4	4	5	7	7	5	7	7	7	7	9	12	18	20	21	22	20	17	9	10	10
18	17	20	20	16	12	14	13	17	20	17	12	13	13	12	14	14	14	20	21	20	17	14	10	8	15
19	8	8	8	8	8	8	8	8	9	10	10	9	8	9	8	7	7	9	9	9	9	9	8	7	8
20	7	7	7	8	10	12	9	10	13	13	9	7	7	8	8	9	10	12	10	13	35	26	24	39	13
21	30	29	38	35	25	24	21	14	10	8	9	10	10	10	5	46	51	55	33	25	16	25	21	25	24
22	29	17	10	8	8	7	7	9	9	9	10	10	10	12	10	8	7	5	7	8	7	5	5	4	9
23	5	4	5	12	16	25	28	28	17	12	----	9	12	12	10	9	10	10	9	12	12	10	13	13	13
24	12	10	9	9	10	12	13	14	16	14	14	16	18	21	21	16	16	12	12	13	12	10	18	14	14
25	13	12	12	12	16	18	14	14	14	16	20	24	25	17	17	21	20	----	18	9	8	8	8	8	15
26	13	20	22	24	17	13	18	17	18	21	12	9	8	9	9	8	8	8	8	7	7	8	16	9	13
27	10	10	10	10	9	7	7	9	17	17	13	9	8	12	12	14	17	13	9	14	21	30	24	25	14
28	25	20	20	22	24	21	20	16	12	12	8	8	8	8	9	8	8	7	18	20	17	20	13	10	15
29	12	17	14	18	21	20	16	14	17	18	17	13	12	12	10	10	10	9	10	9	10	10	10	8	13
30	10	9	8	12	12	17	16	16	22	18	14	25	18	----	----	33	7	7	7	8	10	10	9	10	14
31	9	13	14	16	16	18	20	28	20	18	17	14	12	10	7	8	8	7	9	13	9	10	10	10	13
AVG	13	13	13	13	12	13	13	12	12	13	12	14	13	11	10	14	13	11	11	11	11	12	12	12	12
HOURS	31	31	31	31	31	31	31	31	31	31	29	31	31	30	30	31	30	30	31	31	31	31	31	31	738

TOTAL HOURS	= 744	TOTAL AVERAGE	= 12	- 3HR RUNNING AVERAGE-		-24HR RUNNING AVERAGE-
NUMBER OF GOOD HOURS	= 738	HIGHEST HOURLY VALUE	= 64	0VALUES EXCEED1300		0VALUES EXCEED 365
NUMBER OF MISSING HOURS	= 6	2nd HIGH HOURLY VALUE	= 60	HIGHEST AVERAGE 54		HIGHEST AVERAGE 30
DATA CAPTURE (PERCENT)	= 99.2	MINIMUM REPORTED VALUE	= 3	2nd HIGHEST AVG. 51		2nd HIGHEST AVG. 26
STANDARD DEVIATION	= 8					

NOTE: MISSING VALUE INDICATOR IS----

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* DATA VALIDATED BY *
* ENSR *
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MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHWEST HOLIDAY IN SO2 (ug/m3)

DATA FOR JAN 2007
RUN DATE:02/12/07

HR-BEG	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
HR-END	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
DAY										HOURS(est)															AVG
1	8	7	7	9	10	7	7	8	8	8	8	9	10	10	8	8	7	7	14	18	10	7	8	9	9
2	12	14	12	14	14	13	12	10	12	17	17	22	13	12	14	13	12	12	16	18	13	17	17	14	14
3	10	12	10	10	8	8	8	10	12	17	20	12	17	21	28	34	29	25	20	17	22	17	22	17	17
4	14	16	16	13	12	14	17	14	14	16	17	17	17	16	16	14	13	14	16	14	10	10	9	8	14
5	8	8	8	7	8	9	9	8	7	7	7	5	7	5	5	7	8	7	5	5	8	10	12	9	7
6	8	8	7	5	4	4	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	9	10	6
7	9	13	12	13	9	13	20	20	20	18	14	22	20	13	8	17	18	14	8	7	7	7	7	5	13
8	7	5	7	5	5	5	7	8	7	7	10	9	10	10	7	7	5	7	9	10	10	9	9	9	8
9	10	10	10	9	10	10	10	10	10	12	12	10	10	9	9	8	9	9	9	12	17	18	20	21	12
10	17	17	17	17	18	18	16	13	12	10	13	12	12	13	16	17	22	26	24	24	21	22	22	24	18
11	22	22	21	21	21	20	21	21	26	----	----	71	72	39	21	16	16	16	17	24	18	17	----	----	26
12	16	14	14	18	21	18	18	20	24	28	26	21	18	16	16	14	13	13	17	16	16	17	----	----	18
13	30	30	34	26	24	25	22	22	24	20	16	14	14	13	12	10	12	13	13	13	17	14	----	----	19
14	16	12	12	10	12	13	12	10	12	13	14	13	13	14	13	17	12	9	9	9	9	9	----	----	12
15	10	12	12	12	10	9	10	12	13	13	12	12	12	12	12	10	10	10	9	9	9	14	----	----	11
16	10	10	13	12	14	13	9	20	17	20	16	20	14	13	13	18	17	21	26	28	20	22	----	----	17
17	12	12	10	12	8	8	12	10	12	10	12	13	12	13	16	20	28	34	37	37	34	22	----	----	17
18	22	26	26	28	26	30	28	24	26	24	18	20	18	18	21	21	22	26	26	25	22	20	----	----	24
19	14	16	16	16	16	16	16	16	16	17	16	16	14	14	14	13	12	14	14	16	14	16	----	----	15
20	13	13	13	14	17	18	17	16	21	22	16	13	13	14	14	17	18	20	18	20	35	39	----	----	18
21	38	41	47	47	39	35	33	24	17	16	22	20	17	14	13	62	69	75	43	38	24	22	----	----	34
22	29	20	17	17	17	17	20	21	20	20	18	18	20	20	20	18	17	16	16	14	13	13	----	----	18
23	12	13	17	22	29	38	41	37	22	18	14	16	18	18	17	17	18	18	21	21	20	21	21	22	21
24	21	18	18	18	21	22	22	25	25	24	22	24	28	30	29	25	24	22	21	22	22	21	25	25	23
25	22	21	21	20	24	26	22	22	22	22	26	29	----	24	24	28	29	26	25	18	17	16	16	17	22
26	21	29	30	29	26	22	28	30	30	31	22	17	16	17	18	17	17	17	16	16	16	16	17	16	21
27	18	24	26	24	24	20	21	30	31	26	22	18	17	17	17	16	17	21	21	29	38	50	54	42	26
28	42	38	35	39	37	33	31	29	22	22	21	20	17	18	18	18	17	16	34	33	29	29	24	21	27
29	22	28	25	28	30	29	25	24	28	28	26	22	21	20	18	18	20	20	21	21	22	24	24	22	23
30	21	20	20	22	24	28	24	22	25	26	21	22	20	18	17	18	16	14	16	17	20	20	18	20	20
31	20	25	26	28	28	30	31	35	30	28	28	24	21	20	16	17	18	17	18	20	18	18	18	18	23
AVG	17	18	18	18	18	18	18	19	18	18	17	18	17	16	15	17	18	18	18	19	18	18	----	----	18
HOURS	31	31	31	31	31	31	31	31	31	30	30	31	30	31	31	31	31	31	31	31	31	31	19	19	717

TOTAL HOURS	= 744	TOTAL AVERAGE	= 18	- 3HR RUNNING AVERAGE-		-24HR RUNNING AVERAGE-
NUMBER OF GOOD HOURS	= 717	HIGHEST HOURLY VALUE	= 75	0VALUES EXCEED1300		0VALUES EXCEED 365
NUMBER OF MISSING HOURS	= 27	2nd HIGH HOURLY VALUE	= 72	HIGHEST AVERAGE 69		HIGHEST AVERAGE 36
DATA CAPTURE (PERCENT)	= 96.4	MINIMUM REPORTED VALUE	= 4	2nd HIGHEST AVG. 61		2nd HIGHEST AVG. 30
STANDARD DEVIATION	= 9					

NOTE: MISSING VALUE INDICATOR IS----

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* DATA VALIDATED BY *
* ENSR *
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MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHEAST FENCELINE WSs (MPH)

DATA FOR JAN 2007
RUN DATE:02/12/07

DAY	HR-BEG00 HR-END01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
									HOURS(EST)																
1	4.0	2.8	3.2	6.6	7.1	5.0	4.8	5.3	6.0	4.3	3.7	3.0	2.8	1.8	2.3	4.9	4.3	4.4	3.6	5.4	12.1	12.0	12.9	17.0	5.8
2	16.6	12.6	9.3	11.3	11.3	10.3	10.5	9.6	9.1	12.6	14.0	13.2	11.9	10.4	8.8	9.2	7.6	4.6	3.5	3.4	3.5	2.9	2.5	2.9	8.8
3	2.8	2.8	2.8	2.9	3.3	3.5	2.8	2.5	4.1	5.6	6.4	7.2	8.6	7.5	6.5	7.2	5.7	4.5	4.4	6.2	5.8	5.0	4.9	6.1	4.9
4	6.9	7.4	5.8	5.9	6.2	5.3	5.2	4.1	4.5	4.4	5.6	6.5	5.4	5.2	4.7	3.2	3.5	3.6	1.6	4.8	5.9	5.9	5.5	5.4	5.1
5	5.1	5.0	6.6	5.3	5.5	5.2	4.8	4.9	5.6	4.6	4.9	5.5	5.2	7.5	5.0	5.3	5.5	6.3	6.3	4.8	5.1	4.7	5.7	6.1	5.4
6	6.2	7.4	9.3	8.5	6.3	5.4	5.6	4.3	4.3	4.5	4.7	6.8	9.6	9.2	9.5	10.1	10.0	11.3	7.3	5.9	5.2	3.7	7.2	7.6	7.1
7	8.5	8.8	9.3	11.5	9.8	9.8	9.5	9.2	9.9	9.2	5.8	6.2	9.8	11.8	11.9	12.6	6.7	7.4	6.7	4.4	6.3	6.1	4.1	5.1	8.3
8	2.9	3.8	3.1	5.4	5.8	4.3	3.9	5.5	6.2	9.3	9.7	6.3	11.2	14.6	16.0	15.5	16.2	14.1	13.6	11.5	9.6	9.4	6.4	5.9	8.7
9	6.5	5.5	6.3	7.9	7.0	5.4	6.8	6.3	5.8	8.1	7.0	7.9	7.3	7.5	6.9	9.6	9.5	7.0	7.2	7.7	8.8	7.7	7.4	7.8	7.3
10	12.9	12.3	10.0	10.5	8.6	11.6	9.6	7.2	7.9	14.4	17.8	15.1	15.1	14.1	13.1	13.2	12.5	10.0	8.8	6.7	4.0	4.2	4.0	4.0	10.3
11	4.2	3.3	3.0	2.9	2.5	2.8	3.2	3.9	3.8	5.8	7.7	9.1	9.3	9.4	9.2	9.9	9.3	6.0	6.2	6.6	7.4	7.6	6.4	7.0	6.1
12	8.0	7.2	7.4	8.9	9.0	9.2	8.9	7.0	6.8	7.2	6.4	5.5	5.6	5.5	7.0	5.6	4.7	4.1	4.3	4.8	4.7	5.9	6.0	6.1	6.5
13	5.2	6.3	7.5	6.9	6.2	6.4	6.5	5.2	5.4	6.4	6.3	5.8	6.9	5.7	5.2	4.7	4.5	4.4	4.2	4.4	4.2	4.3	3.9	3.9	5.4
14	5.9	3.9	2.7	3.8	3.5	4.2	4.3	2.1	0.5	0.6	0.7	1.8	1.9	4.3	4.7	4.1	5.5	4.6	4.5	3.0	5.4	5.8	5.6	3.1	3.6
15	4.9	4.7	6.8	5.3	5.5	6.2	5.0	3.8	5.1	7.0	8.4	8.8	10.0	8.9	6.9	9.1	8.7	8.2	7.4	8.4	7.0	7.6	7.0	7.1	7.0
16	7.2	6.5	11.3	12.2	11.0	16.2	15.8	16.4	13.9	13.2	12.5	11.6	13.5	16.7	14.9	14.9	13.2	10.3	11.2	11.4	13.9	14.2	14.9	17.1	13.1
17	14.0	12.9	14.3	14.2	14.5	14.8	13.2	11.9	11.6	10.5	10.4	8.8	7.3	6.0	5.2	4.3	4.5	4.3	3.6	3.2	3.4	7.3	6.1	7.3	8.9
18	6.2	7.8	4.7	4.7	3.5	3.1	3.3	3.6	3.3	3.6	5.0	5.4	5.9	4.3	4.5	5.2	6.6	5.0	3.3	4.2	4.7	5.5	5.1	3.9	4.7
19	4.1	3.0	3.2	3.5	3.8	3.9	4.6	4.8	5.4	6.6	18.1	16.3	17.6	17.2	16.5	16.8	17.2	16.3	15.0	11.0	14.4	12.5	6.6	5.1	10.1
20	5.4	4.9	6.0	8.9	16.8	13.9	15.3	14.0	14.0	12.6	18.1	19.6	18.7	17.1	18.1	14.5	14.4	12.2	9.7	8.4	9.1	8.5	9.7	8.3	12.4
21	7.8	8.4	7.7	7.6	6.8	6.5	7.4	10.0	10.0	7.9	5.3	3.0	5.1	5.4	5.8	8.6	7.5	7.6	6.3	7.2	6.8	5.5	5.3	5.1	6.8
22	5.3	3.9	3.4	2.9	2.8	2.8	3.4	3.6	3.2	3.5	3.0	3.3	3.7	3.3	3.4	4.0	2.7	3.5	4.9	5.3	5.0	4.3	4.4	4.1	3.7
23	3.3	2.6	7.1	6.7	10.5	8.0	8.3	9.9	10.8	12.0	10.5	12.1	10.9	11.2	10.3	6.3	7.3	4.3	3.1	3.1	3.0	5.4	8.2	8.9	7.6
24	6.0	5.2	3.8	3.2	3.9	3.4	4.3	4.2	6.1	7.1	8.2	8.5	7.6	7.5	8.6	6.8	6.6	4.9	4.5	3.8	3.3	4.4	6.8	4.7	5.5
25	4.5	4.4	7.4	11.3	12.8	11.7	8.8	7.5	6.1	9.9	11.0	10.2	13.7	14.7	12.7	15.6	12.4	15.0	14.4	19.4	16.6	14.7	18.4	15.5	12.0
26	17.6	17.1	13.9	11.5	10.2	10.0	9.5	6.9	7.2	9.1	10.1	11.0	11.0	8.5	8.5	6.4	7.6	5.6	5.7	3.5	3.8	7.2	6.8	7.0	9.0
27	5.8	5.5	5.5	5.4	4.2	2.9	2.4	2.9	3.4	6.0	7.7	8.0	7.4	6.6	7.2	6.6	5.6	5.4	5.1	8.1	4.9	4.7	5.9	4.0	5.4
28	3.0	3.4	2.9	4.9	6.8	8.1	7.5	10.1	10.4	4.5	3.6	6.8	7.1	8.7	9.2	4.2	7.0	10.3	10.8	11.0	14.1	13.2	17.2	19.3	8.5
29	18.2	18.2	15.7	13.6	14.7	14.3	11.4	12.4	12.3	13.5	14.5	13.1	14.6	14.3	12.8	13.8	13.3	8.7	7.4	4.1	4.5	5.0	5.2	3.7	11.6
30	2.5	4.4	3.1	4.9	3.3	4.6	5.4	5.3	5.6	6.4	8.3	8.5	10.3	8.7	8.5	8.4	9.5	12.1	8.3	13.2	13.9	16.6	18.8	16.0	8.6
31	16.5	13.9	15.1	14.8	13.4	13.8	12.5	11.5	11.2	11.9	12.0	13.1	9.9	9.8	9.9	9.7	8.5	5.0	3.6	3.7	3.9	3.7	5.4	5.9	9.9
AVG	7.3	6.9	7.0	7.5	7.6	7.5	7.2	6.9	7.1	7.8	8.6	8.6	9.2	9.1	8.8	8.7	8.3	7.4	6.6	6.7	7.1	7.2	7.5	7.4	7.7
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

TOTAL HOURS	= 744	TOTAL AVERAGE	= 7.7
NUMBER OF GOOD HOURS	= 744	HIGHEST HOURLY VALUE	= 19.6
NUMBER OF MISSING HOURS	= 0	2nd HIGH HOURLY VALUE	= 19.4
DATA CAPTURE (PERCENT)	= 100.0	MINIMUM REPORTED VALUE	= 0.5
STANDARD DEVIATION	= 4.0		

NOTE: MISSING VALUE INDICATOR IS----

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* DATA VALIDATED BY *
* ENSR *
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MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHEAST FENCELINE WDRs (DEG)

DATA FOR JAN 2007
RUN DATE:02/12/07

HR-BEG / HR-END	00 01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
DAY	HOURS(EST)																								
1	152	169	127	184	286	2	6	76	317	10	340	168	320	106	33	360	317	297	274	294	301	292	286	293	209
2	294	294	283	288	297	295	297	303	305	308	308	307	312	306	308	312	302	301	257	226	81	196	176	200	273
3	186	186	199	195	182	164	168	192	161	186	169	184	206	198	192	200	202	193	192	189	188	188	190	187	187
4	188	184	181	177	176	180	207	199	198	161	167	163	165	160	144	119	145	153	175	182	176	174	181	180	172
5	184	187	181	181	182	178	181	175	173	181	188	180	194	187	179	177	179	174	183	182	183	196	185	180	182
6	184	185	176	178	191	190	200	183	175	191	197	206	253	268	268	292	308	299	289	263	247	264	307	303	234
7	311	316	312	328	327	305	311	326	34	44	75	136	137	122	119	128	127	101	59	146	55	40	40	320	176
8	349	328	149	170	177	201	224	209	235	275	300	290	281	288	295	294	295	299	295	281	278	274	262	253	262
9	242	242	235	243	235	198	218	206	214	221	218	201	219	263	264	281	305	308	270	275	291	288	281	284	250
10	295	295	290	288	286	286	287	284	285	299	295	291	288	294	286	284	288	295	300	295	281	275	293	286	289
11	253	210	214	211	185	169	213	208	216	158	160	165	161	162	171	175	173	175	157	166	168	168	178	189	184
12	186	180	177	189	196	194	190	192	187	198	201	196	202	200	199	196	187	170	177	187	191	189	194	186	190
13	184	191	189	192	188	193	194	179	183	193	206	179	174	178	182	188	188	194	181	177	179	174	186	183	186
14	181	194	183	181	191	192	179	188	182	182	176	167	171	175	196	188	185	177	185	190	181	182	183	193	183
15	191	189	187	185	181	179	180	195	187	202	201	213	201	203	201	204	202	205	209	225	206	206	205	216	199
16	216	230	305	301	309	303	302	312	312	317	316	310	305	302	296	309	297	302	308	312	315	314	311	312	301
17	308	312	316	312	320	319	321	329	342	315	303	304	330	312	289	322	295	286	284	292	205	148	179	164	288
18	176	157	165	169	176	191	185	161	246	168	167	161	141	137	146	142	160	191	199	190	174	175	186	193	173
19	186	250	214	255	247	269	232	239	254	248	288	296	295	293	295	298	295	294	289	288	287	281	269	235	267
20	242	264	252	268	289	295	292	305	316	312	298	298	298	297	305	302	300	301	298	307	304	312	308	295	294
21	298	295	299	303	315	308	322	39	40	45	58	136	169	186	164	138	147	160	135	135	149	172	184	179	182
22	171	201	237	281	296	288	252	262	258	260	270	263	229	243	252	271	276	205	189	225	223	223	242	255	245
23	248	219	308	302	322	315	306	301	290	299	308	302	298	279	286	281	272	261	263	230	261	306	301	309	286
24	292	288	280	279	284	229	235	246	250	248	248	257	260	262	254	252	254	250	250	246	259	284	284	288	262
25	284	243	281	290	299	301	298	292	276	280	290	292	293	284	288	296	293	296	295	298	295	301	298	302	290
26	301	298	298	307	307	309	306	303	292	288	274	261	253	258	258	266	275	266	241	263	168	129	126	139	258
27	111	80	41	33	24	15	239	281	245	151	151	152	150	170	180	180	183	190	167	22	353	13	352	26	146
28	323	358	32	335	326	13	326	346	37	31	70	247	302	303	301	285	269	298	309	314	316	303	297	298	252
29	296	287	289	292	298	300	295	291	296	291	291	298	289	285	276	282	288	292	301	297	293	311	320	293	294
30	222	179	190	179	196	185	186	190	177	176	165	189	201	201	195	191	221	258	302	301	296	299	295	299	221
31	291	291	294	296	292	291	293	291	298	295	292	293	299	285	284	269	289	270	243	208	184	186	174	171	266
AVG	237	236	222	239	245	221	240	236	225	211	226	229	239	233	229	241	242	241	235	232	229	221	235	233	232
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

TOTAL HOURS	= 744	TOTAL AVERAGE	= 232
NUMBER OF GOOD HOURS	= 744	HIGHEST HOURLY VALUE	= 360
NUMBER OF MISSING HOURS	= 0	2nd HIGH HOURLY VALUE	= 358
DATA CAPTURE (PERCENT)	= 100.0	MINIMUM REPORTED VALUE	= 2
STANDARD DEVIATION	= 70		

NOTE: MISSING VALUE INDICATOR IS----

****
* DATA VALIDATED BY *
* ENSR *
****

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MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHEAST FENCELINE VWS (MPH)

DATA FOR JAN 2007
RUN DATE:02/12/07

	HOURS(EST)																								
HR-BEG	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
HR-END	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
DAY																									AVG
1	0.0	-0.1	0.0	-0.3	0.3	0.4	0.3	0.2	0.4	0.2	0.2	0.1	0.0	0.0	0.0	0.3	0.3	0.2	0.1	0.2	0.7	0.6	0.7	1.1	0.2
2	0.9	0.6	0.6	0.7	0.6	0.5	0.5	0.4	0.4	0.7	0.6	0.7	0.4	0.6	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
3	0.0	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.2	0.0	-0.2	-0.5	-0.2	-0.6	-0.3	-0.3	-0.3	-0.7	-0.6	-0.4	-0.5	-0.5	-0.2
4	-0.5	-0.6	-0.4	-0.3	-0.2	-0.2	-0.3	-0.3	0.0	0.2	0.4	0.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.2	-0.2	-0.3	-0.1
5	-0.2	-0.3	-0.4	-0.2	-0.3	-0.2	-0.3	-0.1	0.0	-0.1	-0.3	-0.2	-0.3	-0.6	-0.3	-0.3	-0.3	-0.1	-0.4	-0.2	-0.3	-0.2	-0.2	-0.2	-0.3
6	-0.4	-0.5	-0.3	-0.3	-0.5	-0.2	-0.2	-0.3	-0.1	0.1	0.3	0.1	0.3	0.7	0.5	0.6	0.6	0.5	0.3	0.1	0.0	0.0	0.3	0.3	0.1
7	0.4	0.4	0.3	0.5	0.3	0.5	0.5	0.5	0.9	1.3	0.6	0.3	0.7	1.1	1.2	1.3	0.6	0.9	0.8	0.2	0.9	0.7	0.4	0.3	0.6
8	0.1	0.2	0.1	-0.1	-0.1	-0.3	-0.1	-0.3	0.0	0.5	0.6	0.3	0.7	0.9	0.9	0.9	0.8	0.7	0.6	0.7	0.4	0.3	0.2	0.1	0.3
9	0.0	0.0	0.0	0.1	-0.1	-0.4	-0.2	-0.4	0.0	-0.1	0.1	-0.4	-0.2	0.2	0.2	0.5	0.3	0.4	0.4	0.4	0.4	0.2	0.3	0.4	0.1
10	0.5	0.6	0.4	0.6	0.4	0.6	0.4	0.3	0.3	0.6	0.9	0.8	0.8	0.6	0.7	0.7	0.6	0.6	0.3	0.2	0.0	0.0	0.0	0.0	0.5
11	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.3	0.0	0.2	0.1	0.1	0.6	0.5	0.1	-0.5	-0.6	-0.3	0.3	-0.1	-0.3	-0.3	-0.3	-0.5	-0.1
12	-0.6	-0.4	-0.2	-0.6	-0.7	-0.6	-0.6	-0.7	-0.5	-0.7	-0.4	-0.5	-0.4	-0.4	-0.6	-0.5	-0.2	0.0	-0.2	-0.3	-0.3	-0.6	-0.6	-0.5	-0.5
13	-0.4	-0.5	-0.5	-0.5	-0.5	-0.6	-0.6	-0.2	-0.5	-0.5	-0.3	0.0	-0.2	-0.1	-0.2	-0.3	-0.4	-0.5	-0.2	-0.3	-0.1	-0.1	-0.2	-0.1	-0.3
14	-0.3	-0.1	0.0	-0.1	-0.2	-0.2	-0.1	-0.3	-0.3	-0.2	-0.1	0.1	0.0	0.0	-0.3	-0.3	-0.2	-0.1	-0.2	0.0	-0.2	-0.3	-0.2	-0.1	-0.2
15	-0.3	-0.3	-0.6	-0.3	-0.2	-0.2	-0.3	-0.2	-0.3	-0.5	-0.7	-0.3	-1.1	-0.4	-0.5	-0.5	-0.5	-0.5	-0.2	0.0	0.0	-0.1	-0.4	-0.1	-0.4
16	-0.4	-0.1	0.5	0.7	0.5	0.8	0.9	1.0	0.9	0.8	0.7	0.6	0.7	0.8	0.9	0.7	0.7	0.5	0.5	0.6	0.8	1.0	0.6	0.8	0.6
17	0.4	0.8	0.9	0.8	0.9	0.7	0.7	0.6	0.6	0.7	0.6	0.3	0.5	0.6	0.5	0.5	0.1	0.1	0.0	0.0	0.2	0.6	-0.4	0.1	0.4
18	-0.3	0.3	0.2	0.2	0.2	-0.2	-0.2	0.0	0.0	0.1	-0.1	0.0	0.3	0.2	0.4	0.2	0.0	-0.4	0.0	-0.1	-0.3	-0.2	-0.4	-0.2	0.0
19	0.0	0.1	0.0	0.1	0.0	0.1	-0.2	-0.1	0.0	-0.1	1.2	0.8	0.8	0.9	0.8	0.7	0.7	0.8	0.7	0.4	0.5	0.5	0.3	-0.1	0.4
20	0.0	0.1	0.0	0.2	1.0	0.6	0.6	0.7	0.7	0.9	0.9	0.8	1.0	0.9	0.9	0.6	0.4	0.3	0.3	0.5	0.3	0.5	0.5	0.2	0.5
21	0.3	0.4	0.2	0.2	0.5	0.6	0.4	1.4	1.5	1.3	0.6	0.0	0.0	-0.2	0.0	0.6	0.4	0.2	0.4	0.5	0.3	0.0	-0.2	-0.1	0.4
22	0.0	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.0	0.1	-0.2	-0.1	0.0	-0.1	0.0	0.1	0.0
23	0.0	0.0	0.4	0.4	0.7	0.7	0.4	0.4	0.6	0.4	0.5	0.2	0.4	0.6	0.7	0.4	0.4	0.1	0.0	-0.1	0.0	0.2	0.2	0.4	0.3
24	0.2	0.1	0.0	0.0	0.0	-0.1	0.0	-0.1	0.0	0.0	-0.1	0.0	0.3	0.2	0.2	0.0	0.1	-0.1	0.0	-0.1	0.0	0.0	0.2	0.0	0.0
25	0.0	0.0	0.2	0.4	0.5	0.5	0.3	0.2	0.1	0.4	0.6	0.6	0.8	0.7	0.7	0.8	0.5	0.7	0.4	0.9	0.9	0.7	1.1	0.7	0.5
26	0.7	0.9	0.6	0.6	0.4	0.7	0.5	0.4	0.2	0.3	0.6	0.5	0.3	0.3	0.2	0.3	0.3	0.2	-0.1	0.0	0.1	0.7	0.6	0.5	0.4
27	0.5	0.6	0.6	0.5	0.3	0.0	0.0	0.0	-0.1	0.5	0.4	0.4	0.2	-0.2	-0.1	-0.1	-0.1	-0.3	0.0	0.6	0.2	0.2	0.3	0.2	0.2
28	0.0	0.0	0.0	0.2	0.4	0.5	0.5	0.7	0.9	0.2	0.2	0.2	0.2	0.3	0.4	0.1	0.2	0.4	0.4	0.6	1.0	0.5	0.8	1.0	0.4
29	1.0	0.9	1.0	0.6	0.7	0.6	0.3	0.6	0.3	0.6	0.8	0.5	0.8	0.8	0.7	0.8	0.7	0.5	0.2	0.0	0.0	0.1	0.2	0.0	0.5
30	0.0	-0.2	-0.1	-0.3	-0.1	-0.4	-0.3	-0.5	0.0	0.0	0.0	0.0	-0.7	-0.6	-0.3	-0.4	-0.3	0.4	0.2	0.6	0.7	0.7	1.2	0.8	0.0
31	0.9	0.8	0.7	0.7	0.7	0.7	0.3	0.7	0.5	0.3	0.7	0.5	0.5	0.6	0.5	0.6	0.4	0.1	0.0	0.0	-0.2	-0.2	-0.2	-0.2	0.4
AVG	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.2
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

TOTAL HOURS	= 744	TOTAL AVERAGE	= 0.2
NUMBER OF GOOD HOURS	= 744	HIGHEST HOURLY VALUE	= 1.5
NUMBER OF MISSING HOURS	= 0	2nd HIGH HOURLY VALUE	= 1.4
DATA CAPTURE (PERCENT)	= 100.0	MINIMUM REPORTED VALUE	= -1.1
STANDARD DEVIATION	= 0.4		

NOTE: MISSING VALUE INDICATOR IS----

****
* DATA VALIDATED BY *
* ENSR *
****

ENSR | AECOM

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHEAST FENCELINE SDs (DEG)

DATA FOR JAN 2007
RUN DATE:02/12/07

HR-BEG / HR-END / DAY	00 01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
HOURS(EST)																									
1	15.4	20.5	32.3	14.6	33.0	50.6	46.3	53.8	29.6	49.3	35.1	40.8	55.8	49.5	46.5	53.9	54.3	27.3	15.8	12.6	9.2	10.0	10.4	8.4	32.3
2	9.2	10.0	12.4	10.8	8.8	8.7	9.0	10.1	11.0	16.0	11.2	13.1	20.3	21.8	16.3	17.0	11.0	9.0	12.2	30.6	45.5	19.6	41.0	23.7	16.6
3	25.1	19.4	22.0	20.5	18.6	19.4	13.1	26.0	35.8	17.5	16.4	16.8	20.1	20.1	22.3	19.3	18.2	14.9	15.2	13.5	13.1	14.6	13.9	11.2	18.6
4	11.2	9.9	10.1	10.8	8.3	11.9	17.7	18.5	21.2	23.0	18.6	11.9	22.9	16.8	4.4	10.6	5.9	6.2	34.0	13.7	8.7	8.3	11.6	11.5	13.6
5	15.8	13.2	12.2	12.8	14.7	12.4	14.6	12.5	13.5	18.2	21.2	10.5	16.6	11.6	12.8	14.6	14.2	11.2	12.8	12.8	14.9	17.5	13.9	14.8	14.1
6	13.2	12.2	10.3	10.8	14.4	17.5	19.7	18.3	16.6	22.6	33.9	19.4	12.8	15.7	11.7	10.4	10.5	7.7	7.8	11.1	8.4	10.3	11.0	8.1	13.9
7	9.9	11.0	10.9	21.3	29.5	79.7	74.0	83.3	55.0	9.9	17.0	11.5	10.6	7.2	8.4	7.6	8.7	12.5	33.4	38.2	25.9	42.9	39.0	23.1	27.9
8	62.4	63.5	21.3	18.3	16.1	21.2	23.2	22.7	16.1	14.9	15.7	15.3	15.3	12.7	12.4	10.1	8.1	9.2	8.1	9.9	10.5	11.2	11.5	7.9	18.2
9	8.1	11.7	11.1	7.2	11.0	18.6	18.3	18.6	19.9	20.9	22.5	19.7	23.5	15.9	13.7	13.1	10.1	19.4	15.5	11.9	9.2	13.0	13.8	14.1	15.0
10	9.3	8.6	11.0	9.7	14.1	8.8	9.5	11.9	10.9	9.7	7.8	10.5	10.6	12.2	13.1	12.6	8.9	7.8	8.6	9.0	17.9	9.4	17.4	8.6	10.7
11	11.4	22.3	26.5	26.7	58.6	26.8	19.7	20.5	24.0	12.2	10.0	11.5	10.3	11.4	13.9	12.6	9.4	11.1	9.4	9.3	7.7	7.3	10.1	13.9	16.5
12	13.1	12.2	11.0	13.9	15.7	13.8	13.8	14.9	13.0	17.0	19.8	18.6	18.8	20.9	19.3	20.9	21.2	13.9	13.2	16.8	19.4	12.5	14.8	13.0	15.9
13	14.9	14.1	10.8	12.6	11.6	13.0	16.0	13.0	13.0	15.0	19.8	15.4	6.8	6.6	8.2	13.1	12.6	13.8	8.6	11.2	9.5	7.2	10.0	8.2	11.9
14	8.1	20.3	13.6	10.4	13.2	12.6	11.7	11.6	11.7	16.8	16.6	8.4	9.8	11.6	19.1	12.8	11.9	8.8	10.8	12.5	8.6	11.4	16.6	30.6	13.3
15	13.6	11.7	10.3	10.8	9.4	8.9	14.9	17.7	18.1	18.0	17.6	19.2	14.4	16.9	19.8	17.4	17.2	18.1	22.3	16.5	16.5	16.3	16.9	19.9	15.9
16	17.9	18.3	16.6	7.1	16.1	10.6	13.1	12.1	18.6	20.9	29.7	25.4	15.9	8.8	9.4	12.6	8.6	11.6	23.6	16.0	20.5	16.9	14.6	16.1	15.9
17	12.1	25.8	24.0	29.1	43.5	60.9	58.3	60.6	79.0	54.0	17.9	40.4	64.1	66.8	41.0	53.6	21.5	9.0	11.5	9.9	53.2	7.6	11.0	10.6	36.1
18	12.1	10.8	20.8	17.2	31.1	19.0	19.3	13.2	31.7	41.2	19.7	18.3	8.2	15.4	36.2	8.6	10.5	17.6	37.1	24.2	17.5	15.4	16.0	25.8	20.3
19	29.0	33.0	23.8	19.6	19.9	17.4	20.3	14.3	15.4	11.9	14.2	10.0	10.4	9.3	9.4	10.5	8.7	8.2	8.9	16.6	11.1	10.9	14.4	15.9	15.1
20	11.9	12.8	11.7	13.6	9.9	10.3	9.4	18.2	31.3	29.1	10.5	10.1	9.7	11.7	11.6	11.7	10.0	9.0	8.3	15.3	18.0	18.7	22.4	10.5	14.0
21	8.9	8.8	8.4	9.8	41.8	27.0	51.5	47.3	12.6	12.1	16.1	26.7	27.8	22.4	13.6	6.5	9.7	12.0	12.0	7.1	9.2	15.2	19.1	17.0	18.4
22	15.9	24.5	19.3	16.9	12.5	8.8	13.5	18.0	18.5	13.8	16.4	32.6	24.9	24.0	13.2	12.8	31.7	46.8	17.7	15.5	19.1	19.6	14.8	20.4	19.6
23	20.2	44.9	21.8	14.1	31.3	38.5	22.9	9.5	9.5	10.0	28.6	10.3	10.1	16.4	17.2	17.4	12.2	13.1	11.9	20.3	46.2	14.9	12.7	13.0	19.5
24	8.9	13.3	11.5	39.1	31.3	28.5	13.9	9.4	12.1	13.8	11.6	15.8	16.8	17.6	14.4	15.4	13.3	11.5	10.4	26.5	16.9	13.6	13.3	18.3	16.6
25	10.9	16.0	13.3	10.1	10.3	9.4	9.4	11.4	13.9	11.1	11.0	11.9	9.7	12.0	12.2	10.9	8.9	13.5	9.2	9.5	9.4	11.5	8.8	9.0	11.0
26	9.3	9.4	8.2	15.3	14.1	23.1	11.9	30.1	13.0	16.8	18.8	18.0	13.7	22.5	17.2	21.6	13.7	16.9	16.8	23.1	20.4	7.1	7.7	5.7	15.6
27	10.6	13.6	23.0	22.1	67.3	61.0	44.9	9.9	23.2	20.7	7.5	6.6	5.6	16.9	16.0	16.6	13.7	13.0	42.3	57.0	69.8	47.2	50.5	35.8	28.9
28	45.5	56.2	62.6	75.1	69.5	67.6	71.4	71.0	68.7	16.6	12.1	26.0	20.4	12.6	12.7	16.5	14.7	7.8	9.9	14.8	19.0	9.7	7.7	7.7	33.2
29	7.9	8.9	10.1	12.2	12.5	18.6	13.8	9.5	10.0	10.6	11.6	12.8	12.7	12.6	14.4	10.5	9.2	10.1	9.0	12.5	6.8	35.0	26.8	24.6	13.5
30	34.5	18.7	21.0	12.7	24.9	15.3	14.6	16.1	15.7	16.1	12.4	19.8	17.5	17.1	21.0	18.5	19.1	14.9	9.7	8.2	8.2	8.2	8.1	8.2	15.9
31	8.7	10.9	8.1	10.5	8.6	9.2	9.4	10.4	12.0	11.5	11.4	11.1	18.2	16.9	15.4	16.0	13.5	14.6	10.9	18.2	14.3	13.3	10.8	10.0	12.2
AVG	16.3	18.9	17.1	17.3	23.3	24.2	23.2	23.1	22.4	19.1	17.2	17.4	17.9	17.9	16.7	16.3	14.2	13.6	15.4	16.9	18.9	15.4	16.5	15.0	18.1
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

TOTAL HOURS	= 744	TOTAL AVERAGE	= 18.1
NUMBER OF GOOD HOURS	= 744	HIGHEST HOURLY VALUE	= 83.3
NUMBER OF MISSING HOURS	= 0	2nd HIGH HOURLY VALUE	= 79.7
DATA CAPTURE (PERCENT)	= 100.0	MINIMUM REPORTED VALUE	= 4.4
STANDARD DEVIATION	= 12.7		

NOTE: MISSING VALUE INDICATOR IS----

****
* DATA VALIDATED BY *
* ENSR *
****

ENSR | AECOM

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHEAST FENCELINE SW (%FR)

DATA FOR JAN 2007
RUN DATE:02/12/07

HR-BEG / HR-END / DAY	00 01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
	HOURS(EST)																								
1	0.3	0.3	0.3	1.1	0.7	0.4	0.4	0.3	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0.5	0.5	0.3	0.4	0.7	1.5	1.5	1.7	1.9	0.6
2	2.0	1.5	1.1	1.4	1.3	1.2	1.2	1.0	1.1	1.9	1.8	1.8	1.7	1.4	1.2	1.2	0.7	0.3	0.1	0.1	0.4	0.2	0.1	0.2	1.0
3	0.2	0.1	0.3	0.2	0.2	0.1	0.1	0.2	0.5	1.1	1.2	1.7	2.1	1.8	1.7	1.7	1.5	0.9	0.9	1.2	1.1	1.0	0.9	0.9	0.9
4	1.2	1.0	0.8	0.8	0.6	0.8	1.1	1.0	1.1	0.6	0.9	0.8	1.1	0.8	0.2	0.1	0.1	0.1	0.1	0.5	0.6	0.5	0.8	0.8	0.7
5	0.8	0.9	1.1	0.9	0.9	0.8	0.8	0.7	0.9	0.8	0.9	0.7	1.0	1.2	0.8	1.0	0.9	0.9	1.1	0.8	0.9	1.0	1.0	1.2	0.9
6	1.0	1.3	1.4	1.4	1.3	1.0	1.1	0.7	0.6	0.9	0.9	1.1	1.4	1.4	1.3	1.1	1.2	1.1	0.7	0.7	0.5	0.2	0.9	0.8	1.0
7	1.0	1.2	1.1	1.4	1.2	0.8	0.8	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.5	0.7	0.4	0.4	0.4	0.7	0.6	0.7	0.4	0.5	0.7
8	0.3	0.5	0.2	0.7	0.8	1.0	0.8	1.4	1.1	1.3	1.3	0.7	1.6	1.8	1.7	1.7	1.7	1.6	1.4	1.4	1.2	1.0	0.8	0.6	1.1
9	0.6	0.6	0.7	0.7	0.7	1.2	1.4	1.7	1.4	1.6	1.6	1.8	1.8	1.1	0.9	1.2	1.1	0.9	1.0	0.9	0.9	1.0	1.0	0.9	1.1
10	1.3	1.5	1.2	1.3	1.1	1.3	1.1	0.9	0.9	1.5	1.8	1.8	1.8	1.6	1.6	1.5	1.4	1.0	0.9	0.7	0.3	0.1	0.2	0.2	1.1
11	0.2	0.2	0.1	0.2	0.1	0.2	0.3	0.7	0.8	0.8	1.1	1.4	1.4	1.3	1.5	1.6	1.1	0.8	0.7	0.8	0.7	0.7	1.0	1.4	0.8
12	1.4	1.2	1.2	1.7	2.0	1.8	1.6	1.4	1.2	1.7	1.6	1.4	1.4	1.4	1.8	1.4	1.0	0.4	0.6	0.9	0.9	1.0	1.2	1.2	1.3
13	1.0	1.2	1.2	1.3	1.1	1.3	1.4	0.8	0.9	1.4	1.5	0.9	0.6	0.5	0.6	0.7	0.7	0.8	0.4	0.6	0.4	0.3	0.5	0.4	0.8
14	0.7	0.5	0.2	0.4	0.5	0.6	0.4	0.6	0.6	0.6	0.6	0.4	0.4	0.7	1.1	0.6	0.8	0.4	0.6	0.3	0.6	0.8	0.8	0.3	0.6
15	0.8	0.7	1.0	0.7	0.7	0.7	0.7	0.7	1.1	1.7	2.1	2.1	2.5	2.2	1.8	2.3	2.1	2.0	1.8	1.6	0.9	1.5	1.7	1.6	1.4
16	1.6	1.2	1.3	1.2	1.4	2.0	1.8	2.1	2.0	1.8	1.9	1.9	1.8	1.8	1.7	1.9	1.4	1.0	1.5	1.5	2.0	2.0	1.9	2.3	1.7
17	1.7	1.9	2.0	2.0	1.8	1.4	1.3	1.2	1.1	1.4	1.4	1.2	1.2	1.1	1.1	0.9	0.6	0.3	0.2	0.1	0.4	0.7	0.8	0.9	1.1
18	0.8	0.8	0.7	0.7	0.4	0.4	0.4	0.5	0.3	0.6	0.8	0.9	0.6	0.6	0.7	0.5	0.8	1.1	0.7	0.5	0.7	0.8	1.0	0.7	0.7
19	0.7	0.4	0.6	0.4	0.5	0.4	0.7	0.7	0.6	0.8	2.2	1.9	2.0	1.9	1.7	1.5	1.5	1.5	1.6	1.3	1.5	1.4	0.8	0.7	1.1
20	0.6	0.5	0.6	1.1	1.8	1.6	1.7	1.7	1.9	1.6	1.9	2.0	2.0	1.8	1.8	1.5	1.5	1.2	0.9	1.0	1.0	1.2	1.2	0.9	1.4
21	0.7	0.8	0.8	0.9	0.8	0.8	0.7	0.9	0.8	0.8	0.6	0.8	1.1	1.1	0.8	0.6	0.7	0.9	0.6	0.6	0.7	0.9	0.9	0.6	0.8
22	0.6	0.6	0.4	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.4	0.4	0.4	0.4	0.3	0.4	0.9	0.9	0.8	0.8	0.5	0.5	0.4
23	0.4	0.3	0.9	0.8	1.2	1.2	1.0	1.1	1.3	1.2	1.4	1.3	1.2	1.4	1.3	1.0	0.9	0.4	0.1	0.3	0.1	0.5	0.8	1.2	0.9
24	0.5	0.5	0.3	0.3	0.3	0.4	0.5	0.4	0.7	0.9	0.9	1.1	1.1	1.1	1.2	0.8	0.7	0.4	0.3	0.3	0.2	0.4	0.8	0.5	0.6
25	0.4	0.3	0.8	1.3	1.2	1.2	1.0	0.7	0.8	1.1	1.1	1.3	1.5	1.5	1.4	1.4	1.2	1.5	1.4	1.9	1.9	1.7	1.9	1.9	1.3
26	1.9	1.9	1.5	1.6	1.4	1.5	1.1	1.0	0.8	1.2	1.6	1.7	1.5	1.5	1.3	1.0	1.0	0.7	0.8	0.5	0.5	0.5	0.4	0.4	1.1
27	0.5	0.6	0.5	0.4	0.4	0.3	0.1	0.1	0.5	0.6	0.8	0.8	0.4	1.3	1.3	1.1	0.9	1.0	0.7	0.6	0.3	0.3	0.3	0.4	0.6
28	0.1	0.2	0.2	0.3	0.6	0.5	0.6	0.8	0.6	0.4	0.3	0.7	1.0	0.9	1.2	0.5	0.9	1.0	1.3	1.6	1.9	1.5	1.6	2.0	0.9
29	1.9	2.2	2.0	1.8	1.9	1.7	1.3	1.4	1.3	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.4	1.0	0.7	0.4	0.2	0.3	0.4	0.3	1.3
30	0.1	0.4	0.3	0.6	0.4	0.7	0.9	1.1	1.0	1.2	1.1	2.0	2.4	2.0	2.0	1.7	1.7	1.4	0.9	1.3	1.5	1.6	2.0	1.7	1.2
31	1.8	1.6	1.6	1.7	1.6	1.8	1.4	1.4	1.4	1.3	1.4	1.7	1.4	1.4	1.3	1.3	0.9	0.6	0.2	0.3	0.5	0.5	0.6	0.5	1.2
AVG	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1.1	1.2	1.2	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.9	0.9	0.9	1.0
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

TOTAL HOURS	= 744	TOTAL AVERAGE	= 1.0
NUMBER OF GOOD HOURS	= 744	HIGHEST HOURLY VALUE	= 2.5
NUMBER OF MISSING HOURS	= 0	2nd HIGH HOURLY VALUE	= 2.4
DATA CAPTURE (PERCENT)	= 100.0	MINIMUM REPORTED VALUE	= 0.1
STANDARD DEVIATION	= 0.5		

NOTE: MISSING VALUE INDICATOR IS----

****
* DATA VALIDATED BY *
* ENSR *
****

ENSR | AECOM

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHEAST FENCELINE TMP2m (DEGF)

DATA FOR JAN 2007
RUN DATE:02/12/07

HOURS(EST)

DAY	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	AVG
1	46.8	47.6	47.2	52.7	53.0	48.5	48.6	48.7	49.9	49.9	50.1	50.1	49.9	50.4	51.2	51.8	52.9	52.7	52.2	51.4	52.1	51.2	50.2	48.3	50.3
2	46.0	44.2	42.4	42.7	43.0	42.3	42.4	42.4	43.9	45.8	47.3	47.5	49.1	50.3	50.8	50.7	49.6	47.3	45.7	43.4	41.7	40.7	39.1	38.6	44.9
3	37.5	36.4	35.7	35.1	34.2	34.2	34.2	33.8	37.4	40.3	44.0	48.7	52.2	54.2	55.0	55.3	55.5	54.8	53.2	51.6	50.1	49.1	47.9	47.3	44.9
4	46.9	46.9	46.3	46.0	46.3	46.7	47.0	46.7	47.9	50.0	53.3	54.6	55.8	57.8	58.3	59.4	59.2	56.9	54.1	52.9	55.2	55.0	54.8	55.0	52.2
5	55.1	55.0	55.0	54.8	55.0	54.7	55.0	55.1	55.0	55.0	54.6	55.1	56.8	57.1	56.6	56.2	57.2	57.9	58.5	58.3	58.5	59.2	58.6	60.4	56.4
6	61.1	61.6	61.4	61.1	60.7	59.4	59.1	56.6	56.0	57.8	61.4	64.5	68.4	69.7	69.7	68.6	66.3	62.5	60.4	59.5	59.3	57.0	57.4	56.2	61.5
7	55.9	55.0	54.3	53.2	51.3	49.2	48.1	47.2	46.8	48.0	50.5	51.5	51.4	50.3	49.9	49.6	49.8	48.4	46.7	46.5	45.7	45.0	45.8	46.4	49.4
8	46.3	46.0	46.8	46.8	47.1	48.1	49.4	50.7	52.1	51.2	50.4	51.0	52.4	53.4	51.1	50.1	47.0	43.9	42.6	41.8	41.6	40.3	39.1	37.9	47.0
9	37.3	37.5	36.8	35.8	35.4	34.2	35.5	36.1	37.0	39.3	41.3	42.7	44.8	46.3	45.5	43.3	42.1	39.1	37.2	36.6	36.5	36.5	36.0	35.7	38.7
10	35.4	35.4	34.9	33.4	32.4	31.8	30.9	30.3	31.0	32.1	33.4	35.2	36.2	36.5	36.8	37.3	36.8	35.2	35.0	34.0	32.8	32.2	31.6	31.1	33.8
11	30.1	29.6	29.2	27.9	26.8	26.5	26.7	27.8	28.9	32.4	34.6	37.3	39.4	40.2	41.2	41.4	41.6	41.6	40.1	39.5	38.4	37.6	39.0	39.8	34.9
12	39.3	39.0	39.2	41.2	42.2	42.1	42.0	42.4	43.4	45.3	48.1	48.1	47.6	48.2	47.3	46.8	46.5	45.1	45.3	47.0	47.8	49.8	51.0	51.9	45.3
13	51.4	51.9	52.2	52.7	52.6	52.1	51.8	50.5	51.7	53.9	56.1	56.1	57.1	57.5	57.9	58.2	59.4	58.6	57.4	56.6	57.7	57.6	57.8	57.1	55.2
14	57.6	56.9	54.5	54.7	54.6	54.3	53.8	54.7	53.5	54.4	56.0	56.7	58.4	60.5	64.3	63.1	63.4	62.3	61.7	56.8	59.7	59.4	60.9	58.5	57.9
15	58.9	58.5	58.0	57.7	57.0	57.1	57.6	56.5	56.5	59.6	60.6	63.1	64.8	65.3	65.7	66.6	66.4	66.0	65.6	65.8	64.0	63.0	63.6	64.0	61.7
16	63.5	63.2	60.2	57.7	56.7	54.0	51.3	48.1	45.8	45.8	44.5	43.7	43.2	42.4	42.1	40.3	39.1	38.1	38.0	36.8	35.0	33.7	33.7	31.3	45.3
17	30.0	29.3	27.5	25.7	24.9	23.3	22.8	22.3	23.4	24.8	26.2	27.0	29.0	30.1	30.7	31.4	30.9	30.0	29.6	29.3	30.3	30.0	29.3	28.9	27.8
18	28.8	28.7	29.0	28.9	27.8	28.2	28.4	28.5	29.1	30.6	31.5	32.3	33.1	33.4	34.0	34.2	34.5	34.5	34.3	35.0	34.8	33.9	33.8	32.6	31.7
19	32.6	32.9	33.3	33.5	33.6	34.1	34.0	33.5	35.1	40.1	45.0	45.3	46.5	47.8	47.2	45.1	42.2	39.6	37.6	36.5	35.7	34.3	33.4	33.2	38.0
20	32.8	31.9	33.2	34.1	34.6	34.2	33.4	32.7	30.7	29.6	30.5	32.1	34.7	36.0	36.6	36.5	35.9	34.2	32.8	31.7	30.8	29.8	29.4	28.3	32.8
21	27.7	27.4	27.0	26.3	25.6	25.6	25.6	26.2	26.7	26.9	28.2	27.8	28.2	25.6	25.1	24.7	25.3	25.7	26.2	26.6	27.5	28.8	29.8	29.8	26.8
22	30.6	31.0	31.1	31.4	31.6	31.7	32.1	31.9	31.7	31.7	32.1	33.0	33.3	33.4	33.4	34.4	34.3	34.0	33.6	33.5	33.4	33.4	33.2	33.6	32.6
23	33.9	34.1	36.1	36.0	36.3	36.0	35.3	34.7	34.0	34.0	35.3	36.6	38.1	40.1	40.4	40.5	41.0	40.4	38.2	37.0	34.2	34.5	34.7	34.4	36.5
24	33.2	32.9	34.2	34.4	34.2	34.3	34.4	34.2	33.9	33.6	34.4	35.6	36.4	37.3	38.2	38.0	37.8	37.1	36.6	36.7	36.6	36.7	38.1	37.3	35.7
25	37.3	36.8	35.9	35.0	34.7	33.6	33.4	32.7	33.0	33.9	33.9	34.1	33.7	34.1	35.4	34.9	32.4	30.1	29.0	27.8	25.4	25.0	23.4	21.6	32.0
26	20.2	18.8	17.8	17.1	16.2	15.7	15.2	15.0	16.1	19.2	21.9	24.6	26.4	28.3	29.7	31.1	31.3	31.6	31.3	31.5	31.5	31.1	29.8	29.2	24.2
27	29.4	29.4	28.8	28.0	27.2	26.2	25.6	26.1	28.2	30.9	34.4	39.1	44.0	51.0	54.9	55.3	55.3	55.4	51.9	47.0	46.0	44.7	43.7	43.4	39.4
28	44.0	42.4	43.9	43.4	44.4	43.0	42.7	41.8	38.6	37.9	37.5	36.8	35.7	36.7	37.2	37.7	38.2	38.2	37.3	36.0	33.7	32.6	30.8	29.6	38.3
29	27.6	24.6	21.7	20.3	20.4	20.4	19.7	19.5	20.7	21.7	23.4	25.2	27.1	28.6	30.0	31.5	32.1	31.6	30.6	29.6	28.3	27.9	27.6	27.4	25.7
30	27.4	27.2	26.9	26.5	25.7	25.2	24.9	24.8	26.7	29.6	32.8	37.8	39.2	41.4	42.4	43.3	44.0	43.4	38.6	36.7	36.0	32.9	31.7	30.4	33.1
31	28.5	26.3	25.8	24.2	22.6	22.1	22.9	22.6	23.9	25.4	26.4	28.8	30.6	32.8	34.4	35.3	34.2	33.4	33.2	32.5	31.2	30.8	30.8	30.8	28.7
AVG	39.8	39.3	38.9	38.7	38.3	37.7	37.5	37.2	37.7	39.1	40.6	42.0	43.3	44.4	44.9	44.9	44.6	43.5	42.4	41.5	41.0	40.4	40.2	39.7	40.7
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

TOTAL HOURS	= 744	TOTAL AVERAGE	= 40.7
NUMBER OF GOOD HOURS	= 744	HIGHEST HOURLY VALUE	= 69.7
NUMBER OF MISSING HOURS	= 0	2nd HIGH HOURLY VALUE	= 69.7
DATA CAPTURE (PERCENT)	= 100.0	MINIMUM REPORTED VALUE	= 15.0
STANDARD DEVIATION	= 11.7		

NOTE: MISSING VALUE INDICATOR IS----

****
* DATA VALIDATED BY *
* ENSR *
****

ENSR | AECOM

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

LOCATION:SOUTHEAST FENCELINE DT2M (DEGF)

DATA FOR JAN 2007
RUN DATE:02/12/07

HR-BEG00 / HR-END01 / DAY	00 01	01 02	02 03	03 04	04 05	05 06	06 07	07 08	08 09	09 10	10 11	11 12	12 13	13 14	14 15	15 16	16 17	17 18	18 19	19 20	20 21	21 22	22 23	23 24	AVG
HOURS(EST)																									
1	0.2	0.2	0.5	0.3	-0.2	-0.2	0.0	0.2	0.0	0.0	-0.1	0.0	-0.1	-0.4	-0.4	-0.3	-0.6	-0.6	-0.5	-0.7	0.3	0.4	0.4	0.4	-0.1
2	0.3	0.3	0.4	0.4	0.5	0.4	0.5	0.5	0.5	0.3	0.2	0.0	-0.1	-0.2	-0.1	-0.1	0.3	1.2	2.1	2.4	2.4	2.2	1.9	1.6	0.7
3	1.3	1.5	1.6	1.6	1.4	1.1	1.7	2.0	0.9	0.2	-0.1	-0.1	0.0	-0.1	0.2	0.1	0.3	0.6	0.7	0.4	0.4	0.4	0.4	0.4	0.7
4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	-0.2	-0.4	-0.7	-0.7	-0.8	0.5	0.3	1.4	2.3	3.6	2.4	0.8	0.5	0.6	0.4	0.6
5	0.3	0.9	0.4	0.6	0.4	0.9	1.1	0.7	0.2	0.2	0.8	0.2	0.0	0.0	0.6	1.1	0.8	0.3	0.4	0.6	1.0	1.1	2.0	0.5	0.6
6	0.5	0.2	0.2	0.2	0.2	0.7	0.3	1.6	1.9	1.2	0.2	0.0	0.0	0.0	0.2	0.3	0.4	0.6	0.7	0.6	0.6	3.0	1.0	0.6	0.6
7	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.6	0.5	-0.4	-1.7	-1.3	-0.6	-0.3	-0.1	0.1	0.4	0.7	0.2	0.1	-0.1	-0.2	-0.1	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	-0.2	-0.6	-1.2	-1.4	0.1	0.0	-0.1	0.0	0.0	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.0
9	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.4	0.3	0.1	-0.1	-0.2	-0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.2
10	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.1	0.0	-0.1	-0.3	-0.3	-0.1	-0.1	0.1	0.2	0.3	0.3	0.8	0.7	1.0	1.0	0.2
11	0.9	1.4	1.5	1.4	1.9	2.1	1.2	0.5	0.4	-0.2	-0.5	-0.3	-0.6	-0.6	0.0	0.1	0.2	0.3	0.5	0.3	0.3	0.2	0.4	0.3	0.5
12	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.7	0.8	0.5	0.6	0.3	0.2	0.2	0.2
13	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.7	0.8	1.4	1.5	2.5	1.9	1.6	1.0	0.8	1.1	0.9	0.7
14	0.4	0.9	2.5	1.3	1.1	1.2	1.4	0.4	1.2	0.6	0.0	-0.1	-0.2	0.4	0.8	1.4	0.3	0.6	0.9	3.9	1.0	1.1	0.3	1.8	1.0
15	1.2	0.8	0.3	0.4	0.3	0.3	1.2	2.0	1.6	0.1	0.0	-0.1	-0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.4
16	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	-0.1	-0.2	-0.2	-0.1	-0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0	-0.2	-0.3	-1.1	-0.7	-0.5	-0.6	-0.2	0.2	0.5	1.2	0.9	0.5	0.3	0.3	0.0
18	0.2	0.3	0.4	0.4	0.8	0.5	0.4	0.4	0.2	0.0	-0.2	-0.3	-0.9	-0.5	-0.5	-0.4	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
19	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	-0.1	-0.3	-0.3	-0.3	-0.2	0.0	0.2	0.3	0.3	0.3	0.3	0.4	0.3	0.1
20	0.3	0.8	0.5	0.4	0.3	0.2	0.3	0.2	0.1	0.0	-0.1	-0.2	-0.3	-0.3	-0.3	-0.2	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.1
21	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.5	-0.5	-0.8	-1.3	-0.5	-0.3	0.0	0.0	-0.3	0.0	0.1	0.1	-0.1	0.0	0.1	0.1	0.1	-0.1
22	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.2	0.2
23	0.2	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	-0.1	-0.3	-0.2	-0.1	0.0	0.5	1.4	1.6	1.8	1.2	0.5	0.4	0.4
24	0.6	0.5	0.5	0.4	0.5	0.3	0.2	0.2	0.2	0.0	-0.2	-0.3	-0.3	-0.4	-0.3	-0.1	0.0	0.2	0.3	0.2	0.3	0.4	0.3	0.5	0.2
25	0.5	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.0	0.0	-0.1	-0.1	-0.3	-0.2	-0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.1	-0.1	-0.2	-0.4	-0.5	-0.2	-0.1	0.1	0.2	0.2	0.2	0.3	0.5	0.7	0.6	0.1
27	1.0	1.2	1.1	1.2	0.8	1.3	1.6	0.8	0.3	-0.7	-1.2	-1.5	-2.2	-0.8	-0.1	0.5	0.6	1.2	2.4	1.9	1.7	1.9	1.3	1.1	0.6
28	1.8	1.5	0.9	1.1	0.7	0.7	0.5	0.4	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.4	0.3	0.3	0.3	0.2	0.2	0.2	0.4
29	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.0	-0.2	-0.3	-0.3	-0.4	-0.4	-0.2	-0.1	0.3	0.3	0.6	0.8	0.7	0.6	0.4	0.1
30	1.2	0.5	0.3	0.2	0.4	0.3	0.3	0.3	0.3	0.1	-0.3	-0.5	-0.3	-0.4	-0.1	0.0	0.1	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.2
31	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.0	-0.2	-0.3	-0.4	-0.5	-0.5	-0.3	0.0	0.3	0.6	0.6	0.6	0.5	0.3	0.3	0.1
AVG	0.4	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.3	0.0	-0.2	-0.2	-0.3	-0.2	0.0	0.1	0.2	0.5	0.6	0.7	0.6	0.6	0.5	0.5	0.3
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

TOTAL HOURS	= 744	TOTAL AVERAGE	= 0.3
NUMBER OF GOOD HOURS	= 744	HIGHEST HOURLY VALUE	= 3.9
NUMBER OF MISSING HOURS	= 0	2nd HIGH HOURLY VALUE	= 3.6
DATA CAPTURE (PERCENT)	= 100.0	MINIMUM REPORTED VALUE	= -2.2
STANDARD DEVIATION	= 0.6		

NOTE: MISSING VALUE INDICATOR IS----

****
* DATA VALIDATED BY *
* ENSR *
****

ENSR | AECOM

MONTHLY SUMMARY REPORT

MIRANT POTOMAC

DATA FOR JAN 2007
RUN DATE:02/12/07

LOCATION:SOUTHEAST FENCELINE RTMP (DEGF)

DAY	HR-BEG 00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVG
	HR-END 01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	HOURS(EST)																								
1	68.4	68.1	68.5	68.8	69.5	69.6	69.3	69.0	69.3	69.8	70.3	69.6	70.0	69.6	68.9	69.6	69.6	69.6	69.2	69.1	69.9	70.1	69.5	69.1	69.3
2	67.6	67.9	67.8	68.1	68.1	68.0	67.8	67.7	67.9	68.5	69.1	69.3	69.9	70.2	70.6	70.4	70.7	69.4	68.5	68.2	67.5	67.4	67.7	67.6	68.6
3	67.6	67.2	67.3	67.1	66.9	66.8	66.7	66.7	66.8	67.1	67.7	69.3	68.9	68.5	69.4	69.1	69.1	69.3	69.3	69.4	68.5	68.4	67.3	67.6	68.0
4	67.4	67.9	67.3	68.0	67.7	67.9	68.1	67.4	68.2	69.3	69.1	68.7	69.7	70.3	71.0	72.2	71.2	69.7	68.7	69.5	69.4	68.9	69.3	69.2	69.0
5	69.1	69.3	69.3	69.4	68.7	69.3	69.3	68.7	68.7	69.3	68.7	69.4	69.2	69.6	69.8	70.0	69.3	69.9	69.9	69.5	69.5	69.7	69.9	70.3	69.4
6	70.2	70.3	70.3	70.4	70.3	70.3	69.9	69.5	69.9	70.0	70.5	71.1	72.3	72.6	71.6	73.0	71.8	70.9	69.9	69.7	70.3	70.0	69.9	69.5	70.6
7	69.8	69.3	69.9	70.1	70.2	69.4	69.7	69.3	69.2	69.7	69.3	70.1	69.9	69.9	70.2	69.3	69.8	69.5	70.0	69.3	68.8	67.9	67.6	67.5	69.4
8	68.5	68.6	67.8	68.5	68.7	69.1	68.7	68.7	69.1	69.3	69.2	69.2	69.8	69.3	69.8	70.3	69.6	69.1	69.2	67.6	68.1	66.7	67.5	67.6	68.7
9	67.4	67.2	67.1	66.8	66.9	66.7	66.7	66.8	67.2	67.6	67.2	69.4	69.5	68.8	70.0	69.8	68.5	68.5	67.1	67.6	67.5	67.3	67.5	67.4	67.8
10	67.4	67.1	67.2	66.7	66.6	66.4	66.2	66.1	66.2	66.6	67.4	67.9	69.1	68.9	69.3	68.7	68.9	68.1	67.5	67.2	66.8	66.6	66.4	66.5	67.3
11	66.2	66.0	65.8	65.9	65.8	65.7	65.8	65.7	65.9	66.3	67.2	68.1	69.3	69.9	70.7	70.8	69.7	68.5	67.6	67.7	67.7	67.4	67.3	67.3	67.4
12	67.5	67.5	67.6	67.6	67.7	67.8	67.8	68.3	68.2	68.6	68.7	69.0	68.6	69.1	69.4	69.2	69.0	69.3	68.2	68.3	68.0	68.6	69.1	69.8	68.4
13	70.2	70.2	70.2	69.4	69.1	69.0	69.2	69.2	69.0	69.4	68.5	69.3	69.7	69.3	69.4	69.5	69.7	69.1	69.1	68.7	69.2	69.5	68.6	69.7	69.3
14	68.5	69.2	68.7	69.3	69.2	69.6	68.9	68.6	69.1	69.3	68.9	69.6	70.4	70.1	70.3	70.1	70.3	70.3	70.4	70.5	69.8	70.4	69.7	70.1	69.6
15	69.5	69.0	69.7	68.9	69.3	69.2	69.7	69.2	69.2	69.2	69.4	70.3	69.9	70.4	70.2	70.3	69.8	69.9	70.3	70.4	70.2	70.7	70.6	70.5	69.8
16	70.4	70.4	70.2	70.1	69.6	70.3	70.0	70.4	70.1	69.5	68.5	68.4	68.5	69.7	69.9	68.8	68.5	68.3	68.3	67.8	67.5	67.5	67.0	67.3	69.0
17	66.5	66.1	65.9	65.6	65.5	65.4	65.1	64.8	65.2	65.4	66.2	67.6	68.8	69.5	71.3	69.5	70.3	68.8	67.6	66.8	66.5	66.3	66.1	66.2	67.0
18	65.9	65.8	65.8	65.7	65.8	65.7	65.7	65.7	65.8	65.9	66.2	66.7	67.2	67.4	67.6	67.4	67.5	67.0	66.9	66.8	66.7	67.2	66.8	67.0	66.5
19	66.8	66.7	67.0	66.8	67.1	66.8	67.0	66.5	66.8	67.1	67.4	68.9	69.0	68.9	69.3	69.5	70.1	69.4	68.5	67.8	67.4	67.1	66.7	67.2	67.7
20	66.6	66.7	66.4	66.2	66.5	66.7	66.5	66.5	66.4	66.4	67.2	68.1	69.0	69.8	70.9	70.7	69.2	67.4	67.2	66.8	66.3	66.2	65.9	66.0	67.3
21	65.8	65.7	65.5	65.4	65.4	65.5	65.4	65.3	65.6	65.8	66.1	66.7	67.0	66.5	66.1	65.9	65.8	65.6	65.6	65.5	65.5	65.6	65.6	65.8	65.8
22	65.8	65.8	65.8	65.9	66.1	66.2	66.2	66.5	66.3	66.4	66.7	66.7	66.8	66.8	66.7	66.9	66.7	66.9	66.7	66.8	66.6	66.9	66.7	66.9	66.5
23	66.8	66.7	66.9	66.7	66.9	66.7	67.0	66.7	67.0	66.9	67.6	69.0	68.7	68.8	68.9	69.1	70.6	68.9	68.0	67.9	67.5	67.2	67.0	66.8	67.7
24	66.5	66.6	66.5	66.8	67.0	67.0	66.9	66.9	66.8	67.1	67.6	68.6	68.3	68.2	68.3	69.2	68.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.5
25	67.5	67.5	67.3	67.3	67.3	67.2	67.0	66.7	66.8	66.3	66.1	67.3	67.1	67.6	68.5	68.1	68.5	67.5	66.7	65.9	65.8	65.3	65.3	65.3	66.9
26	64.8	64.4	64.4	64.0	64.0	63.6	63.6	63.6	63.8	64.0	64.9	65.2	66.4	67.2	67.9	68.0	67.6	67.1	66.6	66.7	66.4	66.6	65.9	66.2	65.5
27	65.7	65.8	65.4	65.4	65.4	65.2	65.1	65.1	65.2	65.7	66.7	68.6	69.7	69.8	69.1	68.6	69.3	68.3	70.1	69.8	68.5	69.0	69.0	68.1	67.4
28	68.4	67.7	68.3	68.6	68.7	67.5	68.6	67.6	67.5	68.1	68.0	67.9	67.7	66.1	66.5	66.9	66.7	67.0	67.3	67.2	66.8	66.5	66.4	66.1	67.4
29	65.8	65.4	64.9	64.3	64.3	64.1	64.0	64.0	64.0	64.5	64.9	66.6	66.3	66.8	62.2	61.4	65.9	66.4	65.9	65.5	65.2	65.0	64.8	65.0	64.9
30	64.8	64.7	64.4	64.2	64.1	64.0	64.0	64.0	64.2	64.7	65.8	66.8	67.6	68.6	69.1	69.3	69.1	68.5	68.1	67.4	66.7	66.1	65.5	65.3	66.1
31	64.8	64.4	64.1	64.0	64.0	63.7	63.9	63.9	63.7	64.0	64.9	66.1	67.3	68.9	69.9	69.4	69.3	67.5	66.1	65.8	65.2	65.3	65.3	65.5	65.7
AVG	67.3	67.3	67.2	67.2	67.2	67.1	67.1	66.9	67.1	67.3	67.6	68.4	68.8	68.9	69.1	69.1	69.0	68.5	68.1	67.9	67.7	67.6	67.4	67.5	67.8
HOURS	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	744

TOTAL HOURS	= 744	TOTAL AVERAGE	= 67.8
NUMBER OF GOOD HOURS	= 744	HIGHEST HOURLY VALUE	= 73.0
NUMBER OF MISSING HOURS	= 0	2nd HIGH HOURLY VALUE	= 72.6
DATA CAPTURE (PERCENT)	= 100.0	MINIMUM REPORTED VALUE	= 61.4
STANDARD DEVIATION	= 1.8		

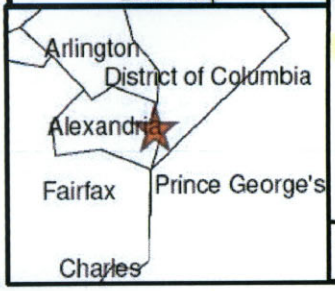
NOTE: MISSING VALUE INDICATOR IS----

****
* DATA VALIDATED BY *
* ENSR *
****

Appendix F

Satellite View of the Ambient Air Quality and Meteorological Network

Locus Map



Legend

- Modeled Impact Areas
- SO_2 Monitoring Sites

Mirant Potomac River Generating Station

SO_2 and Meteorological Monitor Sites Around Potomac River Generating Station

MIRANT

ENSR INTERNATIONAL

Scale 0 0.25 0.5 1 Kilometers

U.S. Locations

AK, Anchorage
(907) 561-5700

AL, Birmingham
(205) 980-0054

AL, Florence
(256) 767-1210

CA, Alameda
(510) 748-6700

CA, Camarillo
(805) 388-3775

CA, Orange
(714) 973-9740

CA, Sacramento
(916) 362-7100

CO, Ft. Collins
(970) 493-8878

CO, Ft. Collins Tox Lab.
(970) 416-0916

CT, Stamford
(203) 323-6620

CT, Willington
(860) 429-5323

FL, St. Petersburg
(727) 577-5430

FL, Tallahassee
(850) 385-5006

GA, Norcross
(770) 381-1836

IL, Chicago
(630) 836-1700

IL, Collinsville
(618) 344-1545

LA, Baton Rouge
(225) 751-3012

MA, Harvard Air Lab.
(978) 772-2345

MA, Sagamore Beach
(508) 888-3900

MA, Westford
(978) 589-3000

MA, Woods Hole
(508) 457-7900

MD, Columbia
(410) 884-9280

ME, Portland
(207) 773-9501

MI, Detroit
(269) 385-4245

MN, Minneapolis
(952) 924-0117

NC, Charlotte
(704) 529-1755

NC, Raleigh
(919) 872-6600

NH, Belmont
(603) 524-8866

NJ, Piscataway
(732) 981-0200

NY, Albany
(518) 453-6444

NY, Rochester
(585) 381-2210

NY, Syracuse
(315) 432-0506

NY, Syracuse Air Lab.
(315) 432-0506

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