



MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard • Baltimore MD 21230

410-537-3000 • 1-800-633-6101

Martin O'Malley
Governor

Shari T. Wilson
Secretary

Anthony G. Brown
Lieutenant Governor

Robert M. Summers, Ph.D.
Deputy Secretary

MAR 12 2010

Mr. Shawn M. Garvin
Regional Administrator (3RA00)
U.S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia PA 19103-2023

Dear Mr. Garvin:

Pursuant to section 181(a)(5) of the Clean Air Act this is a request for a 1-year attainment date extension to June 15, 2011 for the Baltimore nonattainment area which is classified as moderate for the 1997 8-hour ozone national ambient air quality standard (NAAQS or standard). By this letter, I am certifying that:

- 1) The State of Maryland has complied with all requirements and commitments pertaining to the area in the applicable ozone implementation plan; and
- 2) The Baltimore nonattainment area's 4th highest daily 8-hour monitored value during the 2009 ozone season is 0.084 ppm or less. Attached is the letter certifying that our ozone air quality data in the Air Quality System is complete, quality-assured ambient air quality monitoring data for the 2009 attainment year ozone season.

Maryland would appreciate your taking action on this request as soon as possible. If you would like to discuss this further please call me at 410-537-3084.

Sincerely,

Shari T. Wilson
Secretary
Maryland Department of Environment

Attachment



MARYLAND DEPARTMENT OF THE ENVIRONMENT

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Deputy Secretary

January 27, 2010

Mr. Shawn M. Garvin, Regional Administrator
U.S. Environmental Protection Agency
Region III-Middle Atlantic Region
(3RA00)
1650 Arch Street
Philadelphia, PA 19103-2029

Dear Mr. Garvin:

The Maryland Department of the Environment's 2009 Ozone ambient concentration data, along with the quality assurance data is completely submitted to the National Air Quality database, AQS. The data was reviewed and certified as correct to the best of their knowledge taking into consideration the quality assurance findings by the Ambient Air Monitoring Program, Air and Radiation Management Administration.

The AMP450 report is included with this letter. The 2009 Ozone sites are listed in the AMP450 (report ID: 710026). The AMP255 (report ID: 710307) is also included with this letter. This report contains the precision and accuracy summaries for the 2009 Ozone data.

As the senior air pollution official for the State of Maryland, I agree with the Ambient Air Monitoring Program's assessment of the 2009 Ozone data. I request that the data be included as early certified official data for Maryland in the National Air Quality database. MDE is submitting this data for early certification so that it can be reviewed by EPA for the Baltimore Metro and Cecil County 8-hour Ozone 1-year attainment date extension process.

Once Region 3's review of the certification package is complete please forward it to Mr. David Lutz, Data Certification Contact, US EPA (D243-02), U.S. Environmental Protection Agency, Research Triangle Park, NC 27711 for insertion into the AQS database as certified 2009 Maryland Ozone data.

Sincerely,

George (Tad) Aburn, Director
Air and Radiation Management Administration

TAD/EG

cc: Walter Wilkie, EPA, Region III
Edwin Gluth



UNITES STATES ENVIRONMENTAL PROTECTION AGENCY

DATA QUALITY INDICATOR REPORT

Report Request ID: 710307

Report Code: AMP255

Jan. 14, 2010

Tribal	State	County	Site	Parameter	POC	City	AOCR	UAR	CBSA	CSA	EPA Region	Method	Duration	Begin Date	End Date
	24	003													
	24	005													
	24	009													
	24	013													
	24	015													
	24	017													
	24	021													
	24	023													
	24	025													
	24	029													
	24	031													
	24	033													
	24	043													
	24	510													

GEOGRAPHIC SELECTIONS

Parameter Classification	Parameter	Method	Duration
APP_A_PARAMETERS	44201	047	

PROTOCOL SELECTIONS

Option Type	Option Value
INCLUDE ONLY APPENDIX A	YES
MONITORS	YES
RESTRICT TO MONITORING SEASONS	YES
MERGE PDF FILES	YES

SCR GROUP SELECTIONS
Maryland

Start Date	End Date
2009 04 01 Q2	2009 12 31 Q4

GLOBAL DATES

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 DATA QUALITY INDICATOR REPORT

Jan. 14, 2010

Notes About this Report

For specific information about the fields appearing within this report, please refer to the README.txt file that is included with the WORKFILE output for this report.

M

If you see this value for a column in a summarized row, this means that more than one occurrence exist in the summary. For example, if you have a PQAO summary that spans multiple States, you would see this value in the States column.

Code Listing

The following codes may be seen in the "MT" column throughout this report. Please be advised that not all of the codes may appear in the report. They are provided for completeness.

<u>Code</u>	<u>Description</u>	<u>Code</u>	<u>Description</u>
NR	NON-REGULATORY	S	SLAMS
P	PAMS	T	TRIBAL MONITORS
SP	SPECIAL PURPOSE	I	IMPROVE
NC	NCORE	IX	INDEX SITE
ID	INDUSTRIAL	N	NAMS
NA	NATTS	CN	CASTNET
F	NON-EPA FEDERAL	O	OTHER
PN	PROPOSED NCORE	ST	SCHOOL AIR TOXICS
VS	VOL SCHOOL AT	QA	QA COLLOCATED
X	SECURED	SS	SLAMS SPECIATION
SU	SUPLMNTL SPECIATION	SU	SUPLMNTL SPECIATION
TS	TRENDS SPECIATION	U	UNKNOWN
UP	UNOFFICIAL PAMS	W	WHO
M	WMO		

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM

DATA QUALITY INDICATOR REPORT

1-Point Quality Control

Jan. 14, 2010

App A?: Yes

Pollutant: O3		PQAO: 1002 (State Of Maryland Air Management Administration)										
Year	Region	State	Site ID	POC	MT	Begin Date	End Date	# Req	# Obs	% Complete	CV	Bias
2009	03	MD	24-003-0014	1	S	01-APR-09	31-OCT-09	15	21	100	1.36	+ 0.98
2009	03	MD	24-005-1007	1	S	01-APR-09	31-OCT-09	15	15	100	2.23	+/- 1.71
2009	03	MD	24-005-3001	1	S	01-APR-09	31-OCT-09	15	15	100	1.25	+/- 0.86
2009	03	MD	24-009-0011	1	S	01-APR-09	31-OCT-09	15	14	93	1.10	+ 1.01
2009	03	MD	24-013-0001	1	S	01-APR-09	31-OCT-09	15	15	100	2.01	- 1.56
2009	03	MD	24-015-0003	1	S	01-APR-09	31-OCT-09	15	14	93	2.56	+/- 1.98
2009	03	MD	24-017-0010	1	S	01-APR-09	31-OCT-09	15	14	93	0.82	+ 0.72
2009	03	MD	24-021-0037	1	S	01-APR-09	31-OCT-09	15	15	100	1.34	- 1.37
2009	03	MD	24-023-0002	1	S-PN	01-APR-09	31-OCT-09	15	27	100	0.98	+ 0.89
2009	03	MD	24-025-1001	1	S	01-APR-09	31-OCT-09	15	16	100	3.08	- 2.36
2009	03	MD	24-025-9001	1	S	01-APR-09	31-OCT-09	15	18	100	1.04	+/- 0.64
2009	03	MD	24-029-0002	1	S	01-APR-09	31-OCT-09	15	15	100	2.25	+ 1.68
2009	03	MD	24-031-3001	1	S	01-APR-09	31-OCT-09	15	16	100	1.65	- 1.22
2009	03	MD	24-033-0030	1	S-PN	01-APR-09	31-OCT-09	15	14	93	1.15	+/- 0.83
2009	03	MD	24-033-8003	1	S	01-APR-09	31-OCT-09	15	14	93	1.30	+/- 0.91
2009	03	MD	24-043-0009	1	S	01-APR-09	31-OCT-09	15	16	100	0.67	+/- 0.46
2009	03	MD	24-510-0054	1	S	01-APR-09	31-OCT-09	15	15	100	1.40	+/- 1.11
2009	03	MD	SUMMARY					255	274	98	1.34	+/- 0.87
SUMMARY	03	MD						255	274	98	1.34	+/- 0.87

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
DATA QUALITY INDICATOR REPORT**

Jan. 14, 2010

Annual Performance Evaluations

Year	Region	State	Site ID	POC	MT	Begin Date	End Date	Avg %D / Level					L5	Obs / Q			Criteria Met?	1-Point Conf. Limits		App A?: Yes	% Btwn Conf.
								L1	L2	L3	L4	L5		Q1	Q2	Q3		Q4	Lower		
2009	03	MD	24-003-0014	1	S	01-APR-09	31-OCT-09	3.85	2.52	2.51			0	3	3	0	Y				
2009	03	MD	24-005-1007	1	S	01-APR-09	31-OCT-09	-1.22	-3.13	-2.94			0	3	3	0	Y				
2009	03	MD	24-005-3001	1	S	01-APR-09	31-OCT-09	-1.25	-0.63	-1.25			0	3	3	0	Y				
2009	03	MD	24-009-0011	1	S	01-APR-09	31-OCT-09	1.25	0.63	1.67			0	3	3	0	Y				
2009	03	MD	24-013-0001	1	S	01-APR-09	31-OCT-09	0.00	-0.63	-0.42			0	3	3	0	Y				
2009	03	MD	24-015-0003	1	S	01-APR-09	31-OCT-09	2.50	1.85	2.94			0	3	3	0	Y				
2009	03	MD	24-017-0010	1	S	01-APR-09	31-OCT-09	0.00	0.63	0.42			0	3	3	0	Y				
2009	03	MD	24-021-0037	1	S	01-APR-09	31-OCT-09	0.00	0.63	1.67			0	3	3	0	Y				
2009	03	MD	24-023-0002	1	S-PN	01-APR-09	31-OCT-09	4.17	4.58	5.00			0	3	3	3	Y				
2009	03	MD	24-025-1001	1	S	01-APR-09	31-OCT-09	-2.47	3.13	3.75			0	3	3	0	Y				
2009	03	MD	24-025-9001	1	S	01-APR-09	31-OCT-09	0.00	-0.63	-1.25			0	3	3	0	Y				
2009	03	MD	24-029-0002	1	S	01-APR-09	31-OCT-09	-2.53	-3.72	-1.67			0	3	3	0	Y				
2009	03	MD	24-031-3001	1	S	01-APR-09	31-OCT-09	3.75	4.41	4.60			0	3	3	0	Y				
2009	03	MD	24-033-0030	1	S-PN	01-APR-09	31-OCT-09	1.25	3.14	1.67			0	3	3	6	Y				
2009	03	MD	24-033-8003	1	S	01-APR-09	31-OCT-09	0.00	0.00	0.00			0	3	3	0	Y				
2009	03	MD	24-043-0009	1	S	01-APR-09	31-OCT-09	-1.25	0.63	1.25			0	3	3	0	Y				
2009	03	MD	24-510-0054	1	S	01-APR-09	31-OCT-09	0.15	0.00	0.42			0	3	3	0	Y				
2009	03	MD	SUMMARY					0.48	0.79	1.08			0	51	51	9	100	-2.53	2.43	59	
SUMMARY	03	MD						0.48	0.79	1.08			0	51	51	9	100	-2.53	2.43	59	

UNITES STATES ENVIRONMENTAL PROTECTION AGENCY

QUICKLOOK CRITERIA PARAMETERS

Jan. 13, 2010

User ID: NZY

Report Request ID: 710026

Report Code: AMP450

Tribal	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region	Method	Duration	Begin Date	End Date
														2009	2009

24

Option Type	Option Value	Order	Column
SELECTED OPTIONS			

EVENTS PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS	PARAMETER_CODE
MERGE PDF FILES	YES	STATE_CODE
		COUNTY_CODE
		SITE_ID
		POC
		DATES
		EDT_ID

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450)

Jan. 13, 2010

EXCEPTIONAL DATA TYPES

EDT	DESCRIPTION
0	NO EVENTS
1	EVENTS EXCLUDED
2	EVENTS INCLUDED
3	EXCEPTIONAL EVENTS EXCLUDED
4	NATURAL EVENTS EXCLUDED
5	EVENTS WITH CONCURRENCE EXCLUDED
6	EXCEPTIONAL EVENTS WITH CONCURRENCE EXCLUDED
7	NATURAL EVENTS WITH CONCURRENCE EXCLUDED

Note: The * indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 QUICK LOOK REPORT (AMP450)

Jan. 13, 2010

Ozone (44201)
 1-HOUR

Maryland

Parts per million (007)

SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	MEIH	VALID DAYS	NUM REQ	1ST MAX 1-HR	2ND MAX 1-HR	3RD MAX 1-HR	4TH MAX 1-HR	DAY MAX>/= 0.125	EST DAYS>/= .125	MISS DAYS< 0.125	CERT EDT
24-003-0014	1	1002	Not in a city	Anne Arundel	Davidsonville Recreation Center, 3801 Queen Anne Bridge Road	2009	047	207	214	.090	.089	.083	.080	0	0.0	3	0
24-005-1007	1	1002	Cockeysville	Baltimore	Padonia Elementary School, 9834 Greenside Drive	2009	047	214	214	.090	.085	.084	.083	0	0.0	0	0
24-005-3001	1	1002	Essex	Baltimore	600 Dorsey Avenue	2009	047	200	214	.104	.099	.090	.085	0	0.0	3	0
24-009-0011	1	1002	Not in a city	Calvert	350 Stafford Road	2009	047	205	214	.095	.079	.078	.076	0	0.0	1	0
24-013-0001	1	1002	Not in a city	Carroll	1300 W. Old Liberty Road	2009	047	212	214	.088	.083	.076	.075	0	0.0	2	0
24-015-0003	1	1002	Not in a city	Cecil	Fair Hill Natural Resource Management Area, 4600 Telegraph Road	2009	047	205	214	.097	.095	.093	.085	0	0.0	5	0
24-017-0010	1	1002	Hughesville	Charles	Oaks Road	2009	047	214	214	.086	.078	.078	.073	0	0.0	0	0
24-021-0037	1	1002	Frederick	Frederick	Frederick County Airport , 180 E Airport Drive	2009	047	208	214	.083	.082	.081	.077	0	0.0	3	0
24-023-0002	1	1002	Not in a city	Garrett	Frostburg Reservoir, Finzel	2009	047	212	214	.076	.073	.073	.072	0	0.0	2	0
24-025-1001	1	1002	Edgewood	Harford	Edgewood Chemical Biological Center (APG),	2009	047	208	214	.133	.123	.119	.098	1	1.0	3	0

Note: The * indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 QUICK LOOK REPORT (AMP450)

Jan. 13, 2010

Ozone (44201)

Maryland

Parts per million (007)

SITE ID	P O C	FQAO	CITY	COUNTY	ADDRESS	YEAR	METH	VALID DAYS	NUM DAYS	1ST MAX 1-HR	2ND MAX 1-HR	3RD MAX 1-HR	4TH MAX 1-HR	DAY MAX	EST DAYS	MISS DAYS	Parts per million (007)	
																	MEAS REQ	REQ
24-025-9001	1	1002	Not in a city	Harford	Waeqli Road 3560 Aldino Road	2009	047	213	214	.112	.091	.090	.086	0	0.0	0.0	1	0
24-029-0002	1	1002	Millington	Kent	Millington Wildlife Management Area, Massey - Maryland Line Road (Route 330)	2009	047	208	214	.083	.081	.078	.076	0	0.0	0.0	2	0
24-031-3001	1	1002	Rockville	Montgomery	Lathrop E. Smith Environmental Education Center, 5110 Meadowside Lane	2009	047	212	214	.087	.084	.084	.080	0	0.0	0.0	2	0
24-033-0030	1	1002	Beltsville	Prince George's	Howard University's Beltsville Laboratory, 12003 Old Baltimore Pike	2009	047	191	214	.091	.091	.084	.080	0	0.0	0.0	2	0
24-033-8003	1	1002	Greater Upper Marlboro	Prince George's	PG County Equestrian Center, 14900 Pennsylvania Ave.	2009	047	214	214	.089	.088	.078	.077	0	0.0	0.0	0	0
24-043-0009	1	1002	Hagerstown	Washington	18530 Roxbury Road	2009	047	212	214	.074	.074	.074	.072	0	0.0	0.0	2	0
24-510-0054	1	1002	Baltimore	Baltimore (City)	Furley E.S. Recreational Center, 4633 Furley Avenue.	2009	047	198	214	.089	.082	.080	.079	0	0.0	0.0	0	0

Note: The * indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450)

Jan. 13, 2010

METHODS USED IN THIS REPORT

PARAMETER	METHOD CODE	COLLECTION METHOD	ANALYSIS METHOD
44201	047	INSTRUMENTAL	ULTRA VIOLET

Note: The * indicates that the mean does not satisfy summary criteria.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
QUICK LOOK REPORT (AMP450)

Jan. 13, 2010

PQAOS USED IN THIS REPORT

PQAO	AGENCY DESCRIPTION
1002	State Of Maryland Air Management Administration

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