



State of Ohio Environmental Protection Agency

**STREET ADDRESS:**

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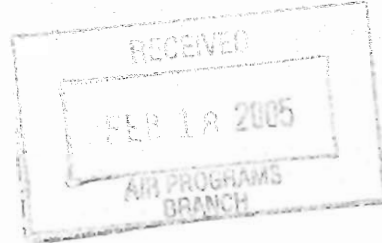
**MAILING ADDRESS:**

P.O. Box 1049  
Columbus, OH 43216-1049

**CERTIFIED MAIL**

February 14, 2005

Mr. Steve Rothblatt, Chief  
Air and Radiation Branch  
U.S.EPA, Region V  
77 West Jackson Boulevard  
Chicago, Illinois 60604



RE: 2004 SLAMS PM<sub>2.5</sub> Data Certification

Dear Mr. Rothblatt:

Please find enclosed our PM<sub>2.5</sub> data SLAMS Report (AMP-450 and AMP-240) for calendar year 2004 as required in 40 CFR, Part 58, Section 58.26. This submittal contains PM<sub>2.5</sub> data for Ohio (note especially: Lucas, Mahoning, Trumbull, Scioto and Lawrence Counties). The remainder of the data will be submitted, as required, before July 1, 2005

I certify that the data in the reports are accurate to the best of our knowledge. There were no incidents of air pollution that reached or exceeded levels as specified by Section 51.151 which could cause significant harm to the health of persons.

These PM<sub>2.5</sub> data are being submitted at this time to address the deadline set forth in the January 5, 2005 final rulemaking establishing the initial designations for PM<sub>2.5</sub> (70 FR 944). Four regions in the state encompassing nine counties should be designated attainment for PM<sub>2.5</sub> with the inclusion of the certified 2004 data.

The Toledo area (Lucas and Wood Counties) and the Youngstown area (Mahoning, Trumbull and Columbiana Counties) are measuring

Bob Taft, Governor  
Bruce Johnson, Lieutenant Governor  
Joseph P. Koncelik, Director

attainment air quality (summary attached). In addition, the Ohio and Kentucky monitors in the Portsmouth area (Scioto County and adjacent power plant County, Adams County) are measuring attainment air quality. The Huntington/Ashland area (Lawrence County and adjacent power plant county, Gallia County) is also monitoring attainment air quality in Ohio. U.S. EPA has indicated that a monitor in Cabell County, West Virginia which is not measuring attainment air quality could prevent these counties from being considered attainment.

As U.S. EPA is well aware, significant local emission reductions in the Ohio portion of the Ohio River Valley (e.g., New Boston Coke) have resulted in improved air quality in Ohio (summary attached). The remaining nonattaining monitor is located in the vicinity of significant local emissions sources, primarily in Kentucky, including the AK Steel facility, including a coking facility and the Marathon/Ashland refinery. Ohio EPA does not believe that the Ohio sources contribute significantly to the monitored values and Lawrence and Gallia Counties should be excluded from the nonattainment area.

If you have any questions, please contact Bill Spires at 614-644-2270. Thank you for your consideration of this request.

Sincerely,



Robert Hodanbosi  
Chief, Division of Air Pollution Control

Enclosures

cc: Randy Hock  
Gary Engler  
Bill Spires  
John Summerhays, Region V

Site	County	Year					Average '99-'01	Average '00-'02	Average '01-'03	Average '02-'04		
		1999	2000	2001	2002	2003					2004	
39-009-0003	Athens	13.9	13.9	12.4	12.7	12.3	11.4	13.40	13.00	12.47	12.13	
39-017-0003	Butler	18.8	17.0	16.4	16.9	15.4	14.1	17.58	16.72	16.20	15.43	
39-017-0016				18.9	15.9	15.3	15.8	14.7	17.38	16.68	15.67	15.27
39-017-0017					17.9	15.8	15.5	14.7	16.87	16.41	15.33	14.80
39-017-1004						11.6	13.9	15.0	13.6		13.50	14.17
39-017-1004(3)								13.4	15.4			
39-023-0005	Clark		16.4	14.8	15.1	14.1	13.5	15.60	15.43	14.67	14.23	
39-035-0013	Cuyahoga	17.9	19.7	17.7	16.9	16.7		18.42	18.09	17.10	16.80	
39-035-0027			18.4	17.2	17.8	16.5	15.4	15.6	17.80	17.17	16.57	15.83
39-035-0034				15.6	15.0	14.3	13.4	12.6	15.30	14.97	14.23	13.43
39-035-0038			21.0	20.1	19.8	17.7	17.6	17.5	20.30	19.20	18.37	17.60
39-035-0045			13.9	18.8	17.4	16.2	16.4	15.3	18.10	17.47	16.67	15.97
39-035-0060			18.6	19.5	17.7	17.5	17.2	16.4	18.60	18.23	17.47	17.03
39-035-0060 (3)						13.4	13.4					
39-035-0065			17.6	18.5	16.6	15.8	15.6	15.2	17.57	16.97	16.00	15.53
39-035-0066			14.5	15.4	14.6	14.2	13.9	11.7	14.83	14.73	14.23	13.27
39-035-1002			15.6	15.0	14.8	15.1	13.9	13.2	15.13	14.97	14.60	14.07
39-049-0024	Franklin	18.4	17.8	17.9	15.8	16.4	15.1	18.03	17.17	16.70	15.77	
39-049-0025			17.7	17.1	16.9	16.1	15.5	14.6	17.23	16.70	16.17	15.40
39-049-0028 (3)				4.1	11.7	10.3	9.9	12.6			10.63	10.93
39-049-0029 (3)				10.4	12.5	10.8	10.2	13.3			11.17	11.43
39-049-0081			17.1	18.3	16.8	16.2	14.9	13.6	17.40	17.10	15.97	14.90
39-053-0003 (5)	Gallia				13.7	15.1	18.3				15.70	
39-057-0005	Greene					9.5	12.1					
39-061-0014	Hamilton	20.1	19.3	18.6	17.9	17.0	15.9	19.33	18.60	17.83	16.93	
39-061-0040			15.7	16.7	15.9	15.3	15.5	14.6	16.10	15.97	15.57	15.13
39-061-0040 (3)					15.3	14.8	14.6	14.1			14.90	14.50
39-061-0041			18.6	17.3	16.1	15.1	15.3	14.6	17.33	16.17	15.50	15.00
39-061-0042				20.6	17.6	16.8	16.7	16.0	19.10	18.33	17.03	16.50
39-061-0043				19.1	16.1	15.4	15.7	14.9	17.60	16.87	15.73	15.33
39-061-7001			17.5	17.2	16.8	16.1	16.0	15.3	17.17	16.70	16.30	15.80
39-061-8001			20.9	19.3	17.0	17.0	17.3	16.4	19.07	17.77	17.10	16.90
39-081-0016		Jefferson	19.6	19.2	18.2	17.6	17.7	15.9	19.00	18.33	17.83	17.07
39-081-1001			18.4	17.4	18.9	17.1	17.3	16.2	18.23	17.80	17.77	16.87
39-085-1001	Lake	14.1	14.0	14.0	13.6	12.7	11.7	14.03	13.87	13.43	12.67	
39-087-0010	Lawrence	17.9	17.4	17.7	15.5	14.3	13.3	17.67	16.87	15.83	14.37	
39-093-0016	Lorain		13.5	14.6	14.0	13.1	12.9	14.05	14.03	13.90	13.33	
39-093-2003			15.3	15.6	14.5				15.13			
39-093-3002						14.0	11.8	11.9				12.57
39-095-0024	Lucas	15.7	19.5	15.7	15.0	14.5	13.7	16.97	16.73	15.07	14.40	
39-095-0024 (3)					7.4	9.8	9.6				8.93	
39-095-0025			13.5	15.7	14.4	15.3	14.3	13.3	14.53	15.13	14.67	14.30
39-095-0026			16.5	15.1	15.5	14.9	14.3	13.0	15.70	15.17	14.90	14.07
39-099-0005	Mahoning	16.9	16.0	16.4	14.8	14.4	14.2	16.43	15.73	15.20	14.47	
39-099-0014					13.2	15.0	14.7				14.30	
39-099-0014 (3)					8.8	11.5	11.3					10.53
39-113-0014	Montgomery	17.4	18.3	17.5				17.73				
39-113-0031			16.2	16.3	16.1	15.2	14.4	13.9	16.20	15.87	15.23	14.50
39-113-0031 (3)					15.1	18.4	19.9	16.7			17.80	18.33
39-113-0032					16.0	16.2	15.9	14.5		16.10	16.03	15.53
39-113-0032 (3)						17.4	18.6	17.3				17.77
39-133-0002	Portage	15.0	15.7	15.2	14.6	12.7	12.5	15.30	15.17	14.17	13.27	
39-135-1001	Preble	14.7	15.2	13.5	13.5	13.6	12.5	14.47	14.07	13.53	13.20	
39-135-1001 (3)							11.2	14.0				12.60
39-145-0013	Scioto	24.7	21.1	20.3	16.7	14.7	13.0	22.03	19.37	17.23	14.80	
39-145-0013 (3)							19.9					
39-151-0017	Stark	18.4	18.7	17.8	17.4	16.8	15.7	18.30	17.97	17.33	16.63	
39-151-0020			17.1	16.9	16.6	15.8	15.0	14.1	16.87	16.43	15.80	14.97
39-151-0020 (3)						11.2	10.9	10.5				10.87
39-153-0017	Summit	18.0	16.6	17.6	16.7	15.4	15.0	17.40	16.97	16.57	15.70	
39-153-0017 (3)					19.1	11.3	15.8				12.07	
39-153-0023			16.5	16.3	15.9	15.8	14.2	13.9	16.23	16.33	15.63	14.97
39-155-0007	Trumbull	16.7	15.7	16.2	15.0	14.0	13.8	16.20	15.63	15.07	14.27	

(3) continuous  
(5) Speciation

Site	County	Year						Average '99-'01	Average '00-'02	Average '01-'03	Average '02-'04		
		1999	2000	2001	2002	2003	2004						
39-009-0003	Athens	36.5	30.4	31.8	32.7	29.2	33.1	32.90	31.63	31.23	31.67		
39-017-0003	Butler	37.0	38.1	41.7	40.7	38.6	37.2	38.93	40.17	40.33	38.83		
39-017-0016				43.8	41.5	33.6	34.8	32.2		39.63	36.63	33.53	
39-017-0017				38.7	44.8	33.8	34.6	34.3		39.10	37.73	34.23	
39-017-1004					16.5	30.9	33.0	31.6			26.80	31.83	
39-017-1004(3)							24.0	35.8					
39-023-0005	Clark		39.9	37.0	34.1	31.2	32.1	38.45	37.00	34.10	32.47		
39-035-0013	Cuyahoga	39.7	44.6	43.2	40.1	38.5	39.5	42.50	42.63	40.60	39.37		
39-035-0027			47.8	42.6	44.9	40.9	41.3	40.9	45.10	42.80	42.37	41.03	
39-035-0034					38.1	39.7	36.8	37.2	32.9		38.20	37.90	35.63
39-035-0038			49.2	42.4	47.3	44.5	47.3	42.5	46.30	44.73	46.37	44.77	
39-035-0045			21.7	43.6	43.1	38.4	42.2	36.1	36.13	41.70	41.23	38.90	
39-035-0060			43.0	45.8	42.7	39.8	45.5	42.2	43.83	42.77	42.67	42.50	
39-035-0060 (3)						40.8	44.8						
39-035-0065			41.3	43.3	42.2	37.3	39.1	36.1	42.27	40.93	39.53	37.50	
39-035-0066			33.8	36.9	40.2	35.3	34.4	32.0	36.97	37.47	36.63	33.90	
39-035-1002			34.4	28.1	39.8	35.7	31.9	30.5	34.10	34.53	35.80	32.70	
39-049-0024		Franklin	39.8	40.0	41.0	39.2	39.2	35.1	40.27	40.07	39.80	37.83	
39-049-0025			39.6	41.0	39.0	40.2	37.0	35.5	39.87	40.07	38.73	37.57	
39-049-0028 (3)				10.9	39.8	32.9	29.4	33.5		27.87	34.03	31.93	
39-049-0029 (3)				34.8	37.2	36.1	30.6	30.7		36.03	34.63	32.47	
39-049-0081		36.5	36.5	41.3	39.3	33.7	34.1	38.10	39.03	38.10	35.70		
39-053-0003 (5)	Gallia				48.0	35.6	36.9				40.17		
39-057-0005	Greene					18.2	27.7						
39-061-0014	Hamilton	40.5	44.3	44.0	43.7	37.8	42.0	42.93	44.00	41.83	41.17		
39-061-0040			34.1	34.3	5.0	37.7	31.9	30.5	24.47	25.67	24.87	33.37	
39-061-0040 (3)					42.2	40.2	35.5	31.4			39.30	35.70	
39-061-0041			37.8	38.0	41.9	33.6	34.4	32.2	39.23	37.83	36.63	33.40	
39-061-0042				44.8	46.6	40.0	33.8	31.9		43.80	40.13	35.23	
39-061-0043				41.2	40.1	34.8	37.3	31.4		38.70	37.40	34.50	
39-061-7001			38.0	39.1	42.3	40.7	37.1	34.6	39.80	40.70	40.03	37.47	
39-061-8001			39.5	40.1	37.0	40.1	35.8	33.9	38.87	39.07	37.63	36.60	
39-081-0016		Jefferson	40.0	47.3	47.0	47.5	37.0	43.8	44.77	47.27	43.83	42.77	
39-081-1001				42.2	35.0	45.4	42.3	40.9	51.5	40.87	40.90	42.87	44.90
39-085-1001	Lake	34.1	39.5	44.3	39.2	36.2	31.8	39.30	41.00	39.90	35.73		
39-087-0010	Lawrence	34.2	40.2	41.0	42.4	29.3	31.2	38.47	41.20	37.57	34.30		
39-093-0016	Lorain		46.3	36.9	32.3	36.1	30.0		38.50	35.10	32.80		
39-093-2003			37.5	38.5	42.6				39.53				
39-093-3002						35.8	31.4	31.1					
39-095-0024	Lucas	41.0	35.1	36.7	37.3	36.4	34.3	37.60	36.37	36.80	36.00		
39-095-0024 (3)					15.7	29.2	28.2				24.37		
39-095-0025			30.7	38.3	35.0	39.0	34.4	31.6	34.67	37.43	36.13	35.00	
39-095-0026			40.0	36.1	38.3	38.1	36.7	30.6	38.13	37.50	37.70	35.13	
39-099-0005	Mahoning	38.6	34.6	45.7	38.3	31.3	34.4	39.63	39.53	38.43	34.67		
39-099-0014					27.8	36.0	36.0				33.27		
39-099-0014 (3)					26.9	30.0	31.7				29.53		
39-113-0014	Montgomery	33.6	42.6	40.2				38.80					
39-113-0031			34.6	36.4	41.9	38.1	37.0	31.5	37.63	38.80	39.00	35.53	
39-113-0031 (3)					29.6	46.6	46.7	44.6			40.97	45.97	
39-113-0032					42.4	36.9	42.7	32.5			40.67	37.37	
39-113-0032 (3)						48.8	43.0	40.7				44.17	
39-133-0002	Portage	34.0	35.9	42.7	37.0	30.7	29.8	37.53	38.53	36.80	32.50		
39-135-1001	Preble	32.8	35.7	38.4	29.0	34.3	27.7	35.63	34.37	33.90	30.33		
39-135-1001 (3)							24.7	36.7					
39-145-0013	Scioto	43.2	43.5	49.2	42.1	32.8	29.4	45.30	44.93	41.37	34.77		
39-145-0013 (3)													
39-151-0017	Stark	42.1	40.1	45.0	41.0	34.2	36.3	42.40	42.03	40.07	37.17		
39-151-0020			41.3	37.5	44.2	39.8	34.5	32.8	41.00	40.50	39.50	35.70	
39-151-0020 (3)					37.6	30.4	32.3					33.43	
39-153-0017	Summit	40.6	37.5	45.6	42.3	36.9	36.9	41.23	41.80	41.60	38.70		
39-153-0017 (3)					26.2	31.2	43.2				33.53		
39-153-0023			42.3	36.8	42.6	41.5	33.4	37.0	40.57	40.30	39.17	37.30	
39-155-0007	Trumbull	38.5	35.0	46.3	38.1	34.9	33.5	39.93	39.80	39.77	35.50		

(3) continuous  
(5) Speciation

### Point Source Emissions Summary

<b>ADAMS</b>	<b>2001</b>	<b>2003</b>
<b>PM-10</b>	2447.94	1410.14
<b>PM</b>	3745.26	2202.28
<b>VOC</b>	255.95	300.22
<b>OC</b>	255.95	300.22
<b>NOx</b>	49352.59	58890.40
<b>SO2</b>	124603.86	147952.57

<b>GALLIA</b>	<b>2001</b>	<b>2003</b>
<b>PM-10</b>	495.52	1357.66
<b>PM</b>	1655.79	1899.23
<b>VOC</b>	326.60	307.81
<b>OC</b>	672.60	628.21
<b>NOx</b>	56161.49	62692.60
<b>SO2</b>	143019.72	105691.87

<b>LAWRENCE</b>	<b>2001</b>	<b>2003</b>
<b>PM-10</b>	4.24	3.96
<b>PM</b>	7.20	10.53
<b>VOC</b>	111.81	25.52
<b>OC</b>	379.70	317.08
<b>NOx</b>	19.68	39.33
<b>SO2</b>	3.83	0.09

<b>SCIOTO</b>	<b>2001</b>	<b>2003</b>
<b>PM-10</b>	401.38	78.26
<b>PM</b>	705.38	102.25
<b>VOC</b>	237.21	224.86
<b>OC</b>	367.81	401.50
<b>NOx</b>	1098.08	480.79
<b>SO2</b>	1826.23	19.36

UNITES STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM

QUICKLOOK CRITERIA PARAMETERS

User ID: GYE

Report Request ID: 206425

Report Code: AMP450

Feb. 14, 2005

GEOGRAPHIC SELECTIONS																
Tribe	State	County	Site	Parameter	POC	City	AOCR	UAR	MSA	CMSA	Region	Zip Code	Method	Duration	Begin Date	End Date
39																

PROTOCOL SELECTIONS				
Parameter	Classification	Parameter	Method	Duration
CRITERIA 88101				

SELECTED OPTIONS		OPTION VALUE		SORT ORDER	
Option Type	Option Value	Order	Column	Parameter Code	
EVENTS PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS	1	PARAMETER_CODE		
MERGE PDF FILES	YES	2	STATE_CODE		
		3	COUNTY_CODE		
		4	SITE_ID		
		5	POC		
		6	DATES		
		7	EDT_ID		

GLOBAL DATES	
Start Date	End Date
2004	2004

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

Feb. 14, 2005

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)

Feb. 14, 2005

PM2.5 - Local Conditions (88101)

Ohio

UG/CU Meter (LC) (105)

SITE ID	P O C	REP ORG	CITY	COUNTY	ADDRESS	YEAR	METH	#OBS	1ST			2ND			3RD			4TH			PERCENTILE VALUE	98TH WTD ARITH MEAN CERT EDT
									MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG		
39-009-0003	1	0809	Not in a city	Athens	GIFFORD STATE	2004	120	58	36.3	33.1	30.4	25.5	33.1	11.43*	0							
39-017-0003	1	1259	Middletown	Butler	BONITA & ST J	2004	120	60	39.5	37.2	31.6	28.4	37.2	14.06	0							
39-017-0016	1	1259	Fairfield	Butler	400 NILES RD	2004	120	120	39.9	32.2	32.2	30.6	32.2	14.65	0							
39-017-0017	1	1259	Middletown	Butler	3300 WILWOOD	12004	120	121	37.9	35.6	34.3	32.0	34.3	14.20	0							
39-017-1004	1	1259	Middletown	Butler	HOOK FIELD	MUI2004	119	120	36.3	32.3	31.6	29.8	31.6	13.57	0							
39-017-1004	3	1259	Middletown	Butler	HOOK FIELD	MUI2004	731	8676	48.5	39.2	38.5	37.8	35.8	15.42	0							
39-017-1004	5	1217	Middletown	Butler	HOOK FIELD	MUI2004	810	53	37.8	34.1	33.0	29.3	34.1	13.61*	0							
39-023-0005	1	0287	Springfield	Clark	350 N. FOUNTA.	2004	120	121	43.3	32.5	32.1	29.5	32.1	13.45	0							
39-035-0027	1	0229	Cleveland	Cuyahoga	2200 W 28TH	2004	120	323	46.4	44.5	44.2	43.0	39.5	15.63	0							
39-035-0034	1	0229	Cleveland	Cuyahoga	891 E. 152	2004	120	115	38.6	33.0	32.9	29.8	32.9	12.56	0							
39-035-0038	1	0229	Cleveland	Cuyahoga	2547 ST TIKHO	2004	120	330	55.5	48.4	46.3	46.0	42.5	17.53	0							
39-035-0038	6	1217	Cleveland	Cuyahoga	2547 ST TIKHO	2004	810	52	57.5	46.8	42.6	41.9	46.8	17.11*	0							
39-035-0045	1	0229	Cleveland	Cuyahoga	4950 BROADWAY	2004	120	116	43.3	39.3	36.1	36.0	36.1	15.32	0							
39-035-0060	1	0229	Cleveland	Cuyahoga	EAST 14TH AND	2004	120	120	46.2	42.4	42.2	35.7	42.2	16.36	0							
39-035-0060	5	1217	Cleveland	Cuyahoga	EAST 14TH AND	2004	810	87	42.9	40.2	40.2	36.8	40.2	17.61*	5							
39-035-0065	1	0229	Newburgh Heights	Cuyahoga	EAST 14TH AND	2004	810	76	42.9	40.6	37.6	33.8	40.6	17.19*	0							
39-035-0066	1	0229	Cleveland	Cuyahoga	4600 HARVARD	2004	120	117	37.9	36.2	36.1	33.3	36.1	15.17	0							
39-035-1002	1	0229	Brook Park	Cuyahoga	3500 EAST	2004	120	31	32.0	30.0	24.8	18.2	32.0	11.74*	0							
39-049-0024	1	0805	Columbus	Franklin	16900 HOLLAND	2004	120	116	35.2	31.5	30.5	29.9	30.5	13.19	0							
39-049-0025	1	0805	Columbus	Franklin	OHIO STATE PA.	2004	120	351	40.5	39.6	36.9	36.7	35.1	15.01	0							
39-049-0025	2	0805	Columbus	Franklin	1700 ANN STREI	2004	120	354	39.5	39.3	38.4	36.5	35.5	14.63	0							
39-049-0028	1	0805	Columbus	Franklin	1700 ANN STREI	2004	120	1	8.9	8.9	8.9	8.9	8.9	8.90*	0							
39-049-0029	1	0805	Not in a city	Franklin	2521 FAIRWOOD	2004	711	8700	38.9	36.9	36.4	36.2	33.5	12.58	0							
39-049-0081	1	0805	Columbus	Franklin	7600 FODOR RD	2004	000	6231	39.5	39.2	35.2	32.6	30.7	13.31*	0							
39-049-0081	6	1217	Columbus	Franklin	5750 MAPLE CAI	2004	810	49	35.9	35.5	34.1	32.4	34.1	13.57	0							
39-049-0081	6	1217	Columbus	Franklin	5750 MAPLE CAI	2004	810	49	35.0	34.0	27.1	26.7	35.0	12.94*	0							

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

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

PM2.5 - Local Conditions (88101)

Ohio

UG/CU Meter (Lc) (105)

Feb. 14, 2005

SITE ID	P O C	REP ORG	CITY	COUNTY	ADDRESS	YEAR	METH	#OBS	1ST			2ND			3RD			4TH			PERCENTILE VALUE	98TH VALUE	MTD ARITH MEAN	WTD ARITH MEAN	CERT	EDT	
									MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG							
39-053-0003			Not in a city	Gallia	8323 STATE ROI	2004	810	29	36.9	34.0	32.7	23.7	36.9	18.28*	0												
39-057-0005			Yellow Spring	Greene	314 DAYTON ST	2004	120	108	38.0	27.9	27.7	25.5	27.7	12.10*	0												
39-061-0014			Cincinnati	Hamilton	18 E.	2004	120	61	47.4	42.0	35.2	27.7	42.0	15.91	0												
39-061-0040			Cincinnati	Hamilton	250 WM. HOWARI	2004	120	115	41.6	37.3	30.5	29.1	30.5	14.63	0												
39-061-0040			Cincinnati	Hamilton	250 WM. HOWARI	2004	701	8706	44.7	42.1	40.0	37.1	31.4	14.07	0												
39-061-0040			Cincinnati	Hamilton	250 WM. HOWARI	2004	810	53	41.9	38.9	33.2	31.5	38.9	14.11*	5												
39-061-0041			Cincinnati	Hamilton	5300 WINNESTE	2004	120	108	42.6	42.4	32.2	30.3	32.2	14.63*	0												
39-061-0042			Cincinnati	Hamilton	2101 W. EIGHTH	2004	120	122	43.0	41.9	31.9	30.7	31.9	15.99	0												
39-061-0043			Sharonville	Hamilton	3254 E. KEMPEL	2004	120	116	42.4	35.8	31.4	30.2	31.4	14.92	0												
39-061-7001			Norwood	Hamilton	2059 SHERMAN	2004	120	350	43.4	40.8	39.3	37.3	34.6	15.33	0												
39-061-8001			St. Bernard	Hamilton	300 MURRAY	2004	120	112	46.8	42.8	33.9	30.3	33.9	16.39	0												
39-081-0017			Stuebenville	Jefferson	618 LOGAN, STI	2004	120	104	44.2	43.9	43.8	41.0	43.8	15.91*	0												
39-081-0017			Stuebenville	Jefferson	618 LOGAN, STI	2004	760	5128	60.7	59.4	55.4	53.1	51.8	21.02*	0												
39-081-0017			Stuebenville	Jefferson	618 LOGAN, STI	2004	810	16	44.9	43.1	33.3	28.6	44.9	18.49*	0												
39-081-1001			Mingo Junction	Jefferson	MINGO CITY HAM	2004	120	82	52.4	51.5	44.0	37.9	51.5	16.18	0												
39-085-1001			Fairport HarbC Lake		IQ 325 VINE S	2004	120	113	35.8	33.9	31.8	30.2	31.8	11.61	0												
39-085-1001			Fairport HarbC Lake		IQ 325 VINE S	2004	120	2	11.7	6.5			11.7	9.10*	0												
39-087-0010			Ironton	Lawrence	2128 S. 9TH S	2004	120	117	33.7	32.7	31.2	28.8	31.2	13.71	0												
39-087-0010			Ironton	Lawrence	2128 S. 9TH S	2004	810	51	38.5	33.3	33.2	28.0	33.3	14.18*	0												
39-093-0016			Lorain	Lorain	214 EAST 34TH	2004	120	104	38.5	33.7	30.0	29.8	30.0	12.88*	0												
39-093-3002			Not in a city	Lorain	2180 LAKE	2004	120	110	39.5	31.6	31.1	30.5	31.1	11.76	0												
39-093-3002			Not in a city	Lorain	2180 LAKE	2004	120	4	14.4	12.4	11.9	8.8	14.4	12.72*	0												
39-093-3002			Not in a city	Lorain	2180 LAKE	2004	701	4982	40.1	38.7	35.7	35.1	34.6	11.23*	0												
39-093-3002			Not in a city	Lorain	2180 LAKE	2004	810	45	36.8	36.5	34.0	31.7	36.8	13.98*	0												
39-095-0024			Toledo	Lucas	348 S. ERIE S	2004	120	124	41.6	35.2	34.3	30.9	34.3	13.68	0												
39-095-0024			Toledo	Lucas	348 S. ERIE S	2004	701	8743	37.1	35.3	33.7	32.1	33.7	9.56	0												

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

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

Feb. 14, 2005

PM2.5 - Local Conditions (88101)

Ohio

UG/CU Meter (LC) (105)

24-HOUR

SITE ID	P O C	REP ORG	CITY	COUNTY	ADDRESS	YEAR	METH	#OBS	1ST MAX	2ND MAX	3RD MAX	4TH MAX	PERCENTILE VALUE	98TH	WTD	CERT	EDT
														ARITH MEAN	ARITH MEAN		
39-095-0025	1	0220	Toledo	Lucas	600 COLLINS P/2004	2004	120	117	40.7	34.7	31.6	30.9	31.6	13.33			
39-095-0026	1	0220	Toledo	Lucas	4208 AIRPORT /2004	2004	120	124	34.9	34.0	30.6	29.5	30.6	12.98			
39-095-0026	5	1217	Toledo	Lucas	4208 AIRPORT /2004	2004	810	52	35.2	32.9	31.1	28.7	32.9	12.66*			
39-099-0005	1	0634	Youngstown	Mahoning	FIRE STATION /2004	2004	120	351	40.1	37.7	37.2	36.8	37.2	14.16			
39-099-0014	1	0634	Youngstown	Mahoning	345 OAKHILL A/2004	2004	120	359	41.3	40.5	39.6	38.8	36.0	14.70			
39-099-0014	3	0634	Youngstown	Mahoning	345 OAKHILL A/2004	2004	701	8717	40.7	39.7	37.2	36.3	31.7	11.25			
39-099-0014	5	1217	Youngstown	Mahoning	345 OAKHILL A/2004	2004	810	52	38.4	32.2	30.8	30.1	32.2	13.51*			
39-113-0031	1	0287	Dayton	Montgomery	1361 HUFFMAN /2004	2004	120	117	39.2	31.5	31.5	29.9	31.5	13.90			
39-113-0031	3	0287	Dayton	Montgomery	1361 HUFFMAN /2004	2004	750	6164	58.5	53.1	52.0	48.5	44.6	16.70*			
39-113-0031	5	1217	Dayton	Montgomery	1361 HUFFMAN /2004	2004	810	43	38.2	32.4	29.3	26.5	38.2	13.74*			
39-113-0032	1	0287	Dayton	Montgomery	215 EAST THIR/2004	2004	120	115	41.8	32.9	32.5	29.1	32.5	14.54			
39-113-0032	3	0287	Dayton	Montgomery	215 EAST THIR/2004	2004	750	8765	62.0	52.9	52.6	51.0	40.7	17.30			
39-133-0002	1	0012	Ravenna	Portage	531 WASHINGTON/2004	2004	120	114	31.6	30.2	29.8	29.2	29.8	12.50			
39-135-1001	1	0287	Not in a city	Preble	NATIONAL TRAI/2004	2004	120	118	29.0	28.7	27.7	27.3	27.7	12.50			
39-135-1001	3	0287	Not in a city	Preble	NATIONAL TRAI/2004	2004	750	8767	46.2	43.9	43.8	41.3	36.7	13.98			
39-145-0013	1	0880	Portsmouth	Scioto	4862 GALLIA S/2004	2004	120	118	37.3	30.5	29.4	27.8	29.4	12.95			
39-151-0017	1	0151	Canton	Stark	1330 DUEBER A/2004	2004	120	102	38.3	36.9	36.3	33.7	36.3	15.63*			
39-151-0017	2	0151	Canton	Stark	1330 DUEBER A/2004	2004	120	4	16.0	10.8	10.6	8.9	16.0	11.00*			
39-151-0020	1	0151	Canton	Stark	420 MARKET AV/2004	2004	120	104	36.9	33.6	32.8	31.8	32.8	14.10*			
39-151-0020	3	0151	Canton	Stark	420 MARKET AV/2004	2004	711	8651	40.9	36.5	35.2	34.8	32.3	10.47			
39-151-0020	5	1217	Canton	Stark	420 MARKET AV/2004	2004	810	50	39.2	36.0	33.8	31.1	39.2	14.95*			
39-153-0017	1	0012	Akron	Summit	EAST HIGH SCH/2004	2004	120	351	45.2	40.8	39.7	37.9	36.9	15.02			
39-153-0017	3	0012	Akron	Summit	EAST HIGH SCH/2004	2004	000	8091	50.8	48.1	48.0	46.4	43.2	15.75*			
39-153-0023	1	0012	Akron	Summit	660 W. EXCHAN/2004	2004	120	340	43.5	40.6	39.7	38.3	37.0	13.85			
39-153-0023	5	1217	Akron	Summit	660 W. EXCHAN/2004	2004	810	52	40.6	38.2	32.5	30.2	38.2	12.81*			
39-155-0007	1	0634	Warren	Trumbull	2609 DRAPER S/2004	2004	120	353	39.9	38.0	36.8	35.0	33.5	13.78			

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

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

Feb. 14, 2005

METHODS USED IN THIS REPORT

PARAMETER	METHOD CODE	COLLECTION METHOD	ANALYSIS METHOD
ALL	000	MULTIPLE METHODS	MULTIPLE METHODS
88101	119	ANDERSON RAAS2.5-100 PM2.5 SAM	GRAVIMETRIC
88101	120	ANDERSON RAAS2.5-300 PM2.5 SEQ	GRAVIMETRIC
88101	701	PM2.5 SCC w/No Correction Factor	TEOM Gravimetric 50 deg C
88101	711	PM2.5 SSI w/No Correction Factor	TEOM Gravimetric 50 deg C
88101	731	Met-One BAM w/PM2.5 SCC	Beta Attenuation
88101	750	Andersen BAM w/PM2.5 SCC	Beta Attenuation
88101	760	PM2.5 SCC	FDMS-Gravimetric
88101	810	Met One SASS Teflon	Gravimetric

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

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

Feb. 14, 2005

REPORTING ORGANIZATIONS USED IN THIS REPORT

REPORTING ORGANIZATION CODE	AGENCY DESCRIPTION
0012	Akron Regional Air Pollution Control Agency
0151	Canton City Health Department Air Pollution Control
0220	City of Toledo, Environmental Services Division
0229	Cleveland Air Pollution Control Agency
0287	Dayton Regional Air Pollution Control Agency
0595	Lake County Health Department Division Air Pollution
0634	Mahoning-Tribull Air Pollution Control Agency
0805	Ohio EPA, Central District Office
0807	Ohio EPA, Northeast District Office
0809	Ohio EPA, Southeast District Office
0880	Portsmouth City Health Dept Division Air Pollution C
1217	Research Triangle Institute RTP, NC
1259	Hamilton County Department Of Environmental Services

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

UNITES STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM

2007 APR 19 11:19  
Daily Monitor

User ID: GYE

P/A REPORTING ORG SUMMARY

Report Request ID: 205878

Report Code: AMP240

Feb. 10, 2005

GEOGRAPHIC SELECTIONS

Tribe	State	County	Site	Parameter	POC	City	AQCR	UAR	MSA	CMSA	Region	Zip Code	Method	Duration	Begin Date	End Date
EPA																

39

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	88101		

SELECTED OPTIONS

Option Type	Option Value	Order	SORT ORDER
MERGE PDF FILES	YES	1	AGENCY_CODE
		2	PARAMETER_CODE
		3	DATES

GLOBAL DATES

Start Date	End Date
2004	2004

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

PLEASE NOTE: Data selection based upon geography may result in output including more reporting organizations than you would expect. When geographic selection is used, every reporting organization that has authority to submit data for the selected geography will be included in the output, if those reporting organizations submitted any precision or accuracy data for any monitors anywhere (not just the geographical selection) during the date range specified.

REPORT ORG: 0012 Akron Regional Air Pollution Control Agency

AGENCY TYPE: H

PARAMETER	CODE	DESCRIPTION	PRECISION DATA	LOC PRI	ACC	AUDIT	NO AUDITS	ACCURACY DATA	PROB LIM	PROB LIM	PROB LIM	PROB LIM	PROB LIM
REC MODE	YEAR	Q	# OF PRECIS	PROB LIM	STD	TYPE	TYPE	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP
AUDIT CLASS	ANALYZERS	CHECKS	LO	UP	STD	TYPE	TYPE	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP

88101	PM2.5	-	Local Conditions										
CONTINUOUS	2004	1	48	1.9	2.9	OTHER FLOW STANDARDS	PE	AUDIT	4	0	1.3	4.9	
							NOT BY						
		1	1	9	2.0	4.6	OTHER FLOW STANDARDS	PE	AUDIT	1	0	-3.5	10.0
							NOT BY						
		2	1	13	1.4	3.4	OTHER FLOW STANDARDS	PE	AUDIT	1	0		
							NOT BY						
		3	1	12	0.7	1.7	OTHER FLOW STANDARDS	PE	AUDIT	1	0		
							NOT BY						
		4	1	14	1.8	3.8	OTHER FLOW STANDARDS	PE	AUDIT	1	0	-12.7	18.6
							NOT BY						

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0012 Akron Regional Air Pollution Control Agency

AGENCY TYPE: H

PARAMETER		PRECISION DATA				ACCURACY DATA										
CODE	DESCRIPTION	YEAR	# OF ANALYZERS	PRECIS CHECKS	PROB LIM	LOC PRI	STD	ACC TYPE	AUDIT TYPE	NO AUDITS	PROB LIM	PROB LIM	PROB LIM	PROB LIM		
REC MODE	AUDIT CLASS	Q	LO	UP	LO	UP	BELOW LIM	DATA PRS	LOC PRI	ACC TYPE	AUDIT TYPE	CNT	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP
88101	PM2.5 - Local Conditions	2004	57	1	3.5	4.8	7	50	PE	AUDIT	16	0	- 0.1	1.4		
INTERMITTENT			13	1	2.5	5.2	2	11	NOT BY							
COLLOCATED			14	1	4.7	9.4	2	12	RO							
			16	1	2.0	3.8	1	15	PE	AUDIT	4	0	- 1.3	4.5		
			14	1	2.3	4.7	2	12	NOT BY							

PARAMETER		PRECISION DATA				ACCURACY DATA								
CODE	DESCRIPTION	YEAR	# OF COLIC SMPLS	PROB LIM	LOC PRI	STD	ACC TYPE	AUDIT TYPE	CNT	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP	
REC MODE	AUDIT CLASS	Q	LO	UP	BELOW LIM	DATA PRS	LOC PRI	ACC TYPE	AUDIT TYPE	CNT	LO-L1-UP	LO-L2-UP	LO-L3-UP	
88101	PM2.5 - Local Conditions	2004	57	1	3.5	4.8	7	50	PE	AUDIT	16	0	- 0.1	1.4
INTERMITTENT			13	1	2.5	5.2	2	11	NOT BY					
COLLOCATED			14	1	4.7	9.4	2	12	RO					
			16	1	2.0	3.8	1	15	PE	AUDIT	4	0	- 1.6	0.9
			14	1	2.3	4.7	2	12	NOT BY					



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0151 Canton City Health Department Air Pollution Control

AGENCY TYPE: H

PARAMETER		PRECISION DATA				ACCURACY DATA									
CODE	DESCRIPTION	YEAR	# OF ANALYZRS	PRECIS CHECKS	PROB LIM LO	PROB LIM UP	LOC PRI STD	ACC TYPE	AUDIT TYPE	NO AUDITS L1-3	AUDITS L4	PROB LIM LO-L1-UP	PROB LIM LO-L2-UP	PROB LIM LO-L3-UP	PROB LIM LO-L4-UP
88101	PM2.5 - Local Conditions	2004	1	6	-3.5	5.7	CHINOOK FTS	PE	AUDIT NOT BY	3	0	-7.5	7.0		
CONTINUOUS	FLOW														
2		1	1	2	-11.4	14.8	CERTIFIED ORIFICE	PE	AUDIT NOT BY	1	0				
3		1	1	2	-56.7	50.9	CHINOOK FTS	PE	AUDIT NOT BY	1	0				
4		1	1	2	-9.3	18.4	CHINOOK FTS	PE	AUDIT NOT BY	1	0	-31.5	32.7		

PARAMETER		PRECISION DATA				ACCURACY DATA									
CODE	DESCRIPTION	YEAR	# OF ANALYZRS	PRECIS CHECKS	PROB LIM LO	PROB LIM UP	LOC PRI STD	ACC TYPE	AUDIT TYPE	NO AUDITS L1-3	AUDITS L4	PROB LIM LO-L1-UP	PROB LIM LO-L2-UP	PROB LIM LO-L3-UP	PROB LIM LO-L4-UP
88101	PM2.5 - Local Conditions	2004	1	4	4.1	6.1	CERTIFIED ORIFICE	PE	AUDIT NOT BY	12	0	0.0	2.2		
INTERMITTENT	FLOW														
1		1	1	3	4.9	5.9	CERTIFIED ORIFICE	PE	AUDIT NOT BY	3	0	-1.3	4.0		
2		1	1	1	4.2	4.2	CERTIFIED ORIFICE	PE	AUDIT NOT BY	3	0	-7.3	5.8		
3		1	1	1			CHINOOK FTS	PE	AUDIT NOT BY	3	0	0.2	4.2		
4		1	1	1			CHINOOK FTS	PE	AUDIT NOT BY	3	0	-0.7	3.7		

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0151 Canton City Health Department Air Pollution Control

AGENCY TYPE: H

PARAMETER	CODE	DESCRIPTION	YEAR	Q	# OF COLLG	PRECISION DATA	PROB LIM	COLLGC SAMP	VAL COLL	LOC PRI	ACC	AUDIT TYPE	AUDIT TYPE	CNT	LO-L1-UP	PROB LIM	PROB LIM	PROB LIM
AUDIT CLASS					SMPLS SITES	LO	UP	BELOW LIM	DATA PRS	STD	TYPE	TYPE	TYPE		LO-L1-UP	LO-L2-UP	LO-L3-UP	

88101	PM2.5 - Local	Conditions	2004	62	1	6.0	8.1	4	58									
INTERMITTENT				1	12	1	3.3	6.8	1	11								
COLLOCATED				2	15	1	2.1	4.0	1	14								
				3	20	1	1.9	3.3	1	19								
				4	15	1	9.9	18.8	1	14								

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SUBSYSTEM  
P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0220 City of Toledo, Environmental Services Division

AGENCY TYPE: H

PARAMETER	DESCRIPTION	YEAR	Q	# OF ANALYZERS	PRECISION DATA	PRECIS	PROB LIM	LOC PRI	STD	ACC	AUDIT TYPE	NO AUDITS	ACCURACY DATA	PROB LIM	PROB LIM	PROB LIM	PROB LIM	
REC MODE	AUDIT CLASS			CHECKS	LO	UP	LO	UP	LO	UP	LO	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP	
88101	PM2.5 - Local Conditions	2004																
INTERMITTENT																		

PARAMETER	DESCRIPTION	YEAR	Q	# OF COLLC SMPLS SITES	PRECISION DATA	PROB LIM	COLLC SMP	LOC PRI	VAL COLL	ACC	AUDIT TYPE	NO AUDITS	ACCURACY DATA	PROB LIM	PROB LIM	PROB LIM	PROB LIM	
REC MODE	AUDIT CLASS			LO	UP	LO	UP	LO	UP	LO	UP	LO	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP
88101	PM2.5 - Local Conditions	2004																
INTERMITTENT																		

PARAMETER	DESCRIPTION	YEAR	Q	# OF COLLC SMPLS SITES	PRECISION DATA	PROB LIM	COLLC SMP	LOC PRI	VAL COLL	ACC	AUDIT TYPE	NO AUDITS	ACCURACY DATA	PROB LIM	PROB LIM	PROB LIM	PROB LIM	
REC MODE	AUDIT CLASS			LO	UP	LO	UP	LO	UP	LO	UP	LO	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP
88101	PM2.5 - Local Conditions	2004																
INTERMITTENT																		

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0229 Cleveland Air Pollution Control Agency

AGENCY TYPE: H

PARAMETER		PRECISION DATA				ACCURACY DATA								
CODE	DESCRIPTION	YEAR	# OF ANALYZERS	PRECIS CHECKS	PROB LIM LO	PROB LIM UP	LOC PRI STD	ACC TYPE	AUDIT TYPE	NO AUDITS	PROB LIM LO-L1-UP	PROB LIM LO-L2-UP	PROB LIM LO-L3-UP	PROB LIM LO-L4-UP
88101	PM2.5 - Local Conditions	2004	108	2	6.1	7.7	10	98	PE	AUDIT	36	0	0.9	2.3
INTERMITTENT									NOT BY					
COLLOCATED														

PARAMETER		PRECISION DATA				ACCURACY DATA								
CODE	DESCRIPTION	YEAR	# OF COLLG SMTLS SITES	PROB LIM LO	PROB LIM UP	COLLIG SAMP BELOW LIM	VAL COLL DATA PRS	LOC PRI STD	ACC TYPE	AUDIT TYPE	CNT	PROB LIM LO-L1-UP	PROB LIM LO-L2-UP	PROB LIM LO-L3-UP
88101	PM2.5 - Local Conditions	2004	108	2	6.1	7.7	10	98	PE	AUDIT	36	0	0.9	2.3
INTERMITTENT									NOT BY					
COLLOCATED														

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0287 Dayton Regional Air Pollution Control Agency

AGENCY TYPE: H

PARAMETER		PRECISION DATA				ACCURACY DATA								
CODE	DESCRIPTION	YEAR	# OF ANALYZERS	PRECIS CHECKS	PROB LIM LO	PROB LIM UP	LOC PRI STD	ACC TYPE	AUDIT NO	NO AUDITS	PROB LIM	PROB LIM	PROB LIM	PROB LIM
88101	PM2.5 - Local Conditions	2004	40	2	3.2	4.8	4	36	22	0	-1.4	0.2		
INTERMITTENT														
AUDIT CLASS		Q	LO	UP	BELOW LIM	DATA PRS	STD	TYPE	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP

PARAMETER		PRECISION DATA				ACCURACY DATA							
CODE	DESCRIPTION	YEAR	# OF COLLG SEMPLS	PROB LIM LO	PROB LIM UP	VAL COLL	LOC PRI STD	ACC TYPE	AUDIT CNT	PROB LIM	PROB LIM	PROB LIM	PROB LIM
88101	PM2.5 - Local Conditions	2004	40	2	3.2	4.8	4	36	4	0	-1.4	0.1	
INTERMITTENT													
AUDIT CLASS		Q	LO	UP	BELOW LIM	DATA PRS	STD	TYPE	TYPE	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP

PARAMETER		PRECISION DATA				ACCURACY DATA							
CODE	DESCRIPTION	YEAR	# OF COLLG SEMPLS	PROB LIM LO	PROB LIM UP	VAL COLL	LOC PRI STD	ACC TYPE	AUDIT CNT	PROB LIM	PROB LIM	PROB LIM	PROB LIM
88101	PM2.5 - Local Conditions	2004	40	2	3.2	4.8	4	36	4	0	-1.4	0.1	
INTERMITTENT													
AUDIT CLASS		Q	LO	UP	BELOW LIM	DATA PRS	STD	TYPE	TYPE	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0595 Lake County Health Department Division Air Pollution Control

AGENCY TYPE: G

PARAMETER	DESCRIPTION	YEAR	Q	# OF ANALYZRS	PRECISION DATA	PROB LIM	LOC PRI	ACC	AUDIT	NO AUDITS	PROB LIM	PROB LIM	PROB LIM	PROB LIM	
AUDIT CLASS				CHECKS	LO UP	LO UP	STD	TYPE	TYPE	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP
88101	PM2.5 - Local Conditions	2004													
INTERMITTENT															
FLOW															
1	PHOTOMETER (VERIFIED)							PE	AUDIT	5	0	0.1	3.0		
2	PHOTOMETER (VERIFIED)							PE	AUDIT	1	0				
3	CERTIFIED ORIFICE DEVICE							PE	AUDIT	2	0	0.1	2.5		
4	PHOTOMETER (VERIFIED)							PE	AUDIT	1	0				
	PHOTOMETER (VERIFIED)							PE	AUDIT	1	0	-17.1	20.8		

PARAMETER	DESCRIPTION	YEAR	Q	# OF COLLC	PRECISION DATA	PROB LIM	LOC PRI	ACC	AUDIT	NO AUDITS	PROB LIM	PROB LIM	PROB LIM	PROB LIM
AUDIT CLASS				SMPLS SITES	LO UP	BELOW LIM	DATA PRS	STD	TYPE	TYPE	CNT	LO-L1-UP	LO-L2-UP	LO-L3-UP
88101	PM2.5 - Local Conditions	2004												
INTERMITTENT														
COLLOCATED														
1								55	1	4.2	6.0	13	42	
2								13	1	4.1	8.8	3	10	
3								14	1	4.1	8.5	3	11	
4								14	1	2.4	4.8	2	12	
								14	1	4.0	9.0	5	9	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0634 Mahoning-Trumbull Air Pollution Control Agency

AGENCY TYPE: H

PARAMETER	CODE	DESCRIPTION	YEAR	Q	# OF ANALYZERS	PRECISION CHECKS	DATA	*****	LOC PRI	ACC	AUDIT TYPE	NO AUDITS	ACCURACY DATA	*****	PROB LIM	PROB LIM	PROB LIM	PROB LIM	PROB LIM
									STD	TYPE	TYPE	L1-3	L4		LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP	

88101 PM2.5 - Local Conditions  
 CONTINUOUS 2004  
 FLOW

1	PE	CERTIFIED ORIFICE	RO	AUDIT	4	0	-3.0	1.3											
2	PE	CERTIFIED ORIFICE	RO	AUDIT	1	0	-4.1	1.1											
3	PE	CERTIFIED ORIFICE	RO	AUDIT	1	0													
4	PE	CERTIFIED ORIFICE	RO	AUDIT	1	0	-17.3	16.9											

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb, 10, 2005

REPORT ORG: 0634 Mahoning-Trumbull Air Pollution Control Agency

AGENCY TYPE: H

PARAMETER	DESCRIPTION	YEAR	Q	# OF ANALYZERS	PRECISION DATA	PROB LIM	LOC PRI	ACC	AUDIT TYPE	NO AUDITS	ACCURACY DATA	PROB LIM	PROB LIM	PROB LIM	PROB LIM	
					PRECIS	LO UP	STD	TYPE	TYPE	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP	
88101	PM2.5 - Local Conditions															
INTERMITTENT		2004														
			1	1				PE	AUDIT	16	0	-1.1	0.1			
								RO	NOT BY							
			2	1				PE	AUDIT	4	0	-1.3	0.1			
								RO	NOT BY							
			3	1				PE	AUDIT	4	0	-1.6	1.2			
								RO	NOT BY							
			4	1				PE	AUDIT	4	0	-4.0	1.3			
								RO	NOT BY							

PARAMETER	DESCRIPTION	YEAR	Q	# OF COLLC	PRECISION DATA	PROB LIM	LOC PRI	ACC	AUDIT TYPE	NO AUDITS	ACCURACY DATA	PROB LIM	PROB LIM	PROB LIM	PROB LIM	
				SMPLS SITES	LO UP	BELOW LIM	STD	TYPE	TYPE	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L3-UP	
88101	PM2.5 - Local Conditions															
INTERMITTENT		2004														
			1	14	1			PE	AUDIT	16	0	-1.1	0.1			
								RO	NOT BY							
			2	14	1			PE	AUDIT	4	0	-1.3	0.1			
								RO	NOT BY							
			3	13	1			PE	AUDIT	4	0	-1.6	1.2			
								RO	NOT BY							
			4	10	1			PE	AUDIT	4	0	-4.0	1.3			
								RO	NOT BY							

PARAMETER	DESCRIPTION	YEAR	Q	# OF COLLC	PRECISION DATA	PROB LIM	LOC PRI	ACC	AUDIT TYPE	NO AUDITS	ACCURACY DATA	PROB LIM	PROB LIM	PROB LIM	PROB LIM	
				SMPLS SITES	LO UP	BELOW LIM	STD	TYPE	TYPE	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L3-UP	
88101	PM2.5 - Local Conditions															
COLLOCATED		2004														
			1	14	1			PE	AUDIT	16	0	-1.1	0.1			
								RO	NOT BY							
			2	14	1			PE	AUDIT	4	0	-1.3	0.1			
								RO	NOT BY							
			3	13	1			PE	AUDIT	4	0	-1.6	1.2			
								RO	NOT BY							
			4	10	1			PE	AUDIT	4	0	-4.0	1.3			
								RO	NOT BY							



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0805 Ohio EPA, Central District Office

AGENCY TYPE: F

PARAMETER	PRECISION DATA	ACCURACY DATA
CODE DESCRIPTION	YEAR Q # OF PRECIS PROB LIM	LOC PRI ACC AUDIT NO AUDITS PROB LIM PROB LIM PROB LIM PROB LIM
AUDIT CLASS	ANALYZRS CHECKS LO UP	STD TYPE TYPE L1-3 L4 LO-L1-UP IO-L2-UP IO-L3-UP IO-L4-UP
88101 PM2.5 - Local Conditions		
INTERMITTENT	2004	
1	1	OTHER FLOW PE AUDIT 16 0 -1.0 0.7
		STANDARDS NOT BY RO
2	2	OTHER FLOW PE AUDIT 4 0 -4.6 5.1
		STANDARDS NOT BY RO
3	3	OTHER FLOW PE AUDIT 4 0 -2.2 1.8
		STANDARDS NOT BY RO
4	4	OTHER FLOW PE AUDIT 4 0 -1.4 0.8
		STANDARDS NOT BY RO

PARAMETER	PRECISION DATA	ACCURACY DATA
CODE DESCRIPTION	YEAR Q # OF COLLC PROB LIM COLLC SAMP VAL COLL	LOC PRI ACC AUDIT NO AUDITS PROB LIM PROB LIM PROB LIM
AUDIT CLASS	SMPLS SITES LO UP BELOW LIM DATA PRS	STD TYPE TYPE CNT LO-L1-UP LO-L2-UP LO-L3-UP
88101 PM2.5 - Local Conditions		
INTERMITTENT	2004	
1	1	OTHER FLOW PE AUDIT 16 0 -1.0 0.7
		STANDARDS NOT BY RO
2	2	OTHER FLOW PE AUDIT 4 0 -2.2 1.8
		STANDARDS NOT BY RO
3	3	OTHER FLOW PE AUDIT 4 0 -1.4 0.8
		STANDARDS NOT BY RO
4	4	OTHER FLOW PE AUDIT 4 0 -2.3 1.9
		STANDARDS NOT BY RO

PARAMETER	PRECISION DATA	ACCURACY DATA
CODE DESCRIPTION	YEAR Q # OF COLLC PROB LIM COLLC SAMP VAL COLL	LOC PRI ACC AUDIT NO AUDITS PROB LIM PROB LIM PROB LIM
AUDIT CLASS	SMPLS SITES LO UP BELOW LIM DATA PRS	STD TYPE TYPE CNT LO-L1-UP LO-L2-UP LO-L3-UP
88101 PM2.5 - Local Conditions		
COLLOCATED	2004	
1	1	OTHER FLOW PE AUDIT 16 0 -1.0 0.7
		STANDARDS NOT BY RO
2	2	OTHER FLOW PE AUDIT 4 0 -2.2 1.8
		STANDARDS NOT BY RO
3	3	OTHER FLOW PE AUDIT 4 0 -1.4 0.8
		STANDARDS NOT BY RO
4	4	OTHER FLOW PE AUDIT 4 0 -2.3 1.9
		STANDARDS NOT BY RO

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0807 Ohio EPA, Northeast District Office

AGENCY TYPE: F

PARAMETER	CODE	DESCRIPTION	YEAR	Q	# OF ANALYZRS	PRECISION CHECKS	LO	UP	LOC PRI	STD	ACC	AUDIT TYPE	NO AUDITS	L1-3	L4	PROB LIM	LO-L1-UP	PROB LIM	LO-L2-UP	PROB LIM	LO-L3-UP	PROB LIM	LO-L4-UP
88101	PM2.5	Local Conditions	CONTINUOUS	2004					OTHER FLOW	STANDARDS	PE	AUDIT	3	0		-4.9	0.7						
									OTHER FLOW	STANDARDS	RO	NOT BY											
									OTHER FLOW	STANDARDS	PE	AUDIT	2	0		-13.2	8.1						
									OTHER FLOW	STANDARDS	RO	NOT BY											
									OTHER FLOW	STANDARDS	PE	AUDIT	1	0		-4.9	0.7						
									OTHER FLOW	STANDARDS	RO	NOT BY											

PARAMETER	CODE	DESCRIPTION	YEAR	Q	# OF ANALYZRS	PRECISION CHECKS	LO	UP	LOC PRI	STD	ACC	AUDIT TYPE	NO AUDITS	L1-3	L4	PROB LIM	LO-L1-UP	PROB LIM	LO-L2-UP	PROB LIM	LO-L3-UP	PROB LIM	LO-L4-UP
88101	PM2.5	Local Conditions	INTERMITTENT	2004					DRY TEST	METER	PE	AUDIT	12	0		0.1	1.9						
									DRY TEST	METER	RO	NOT BY											
									DRY TEST	METER	PE	AUDIT	3	0		0.3	0.9						
									DRY TEST	METER	RO	NOT BY											
									DRY TEST	METER	PE	AUDIT	3	0		-0.1	1.6						
									DRY TEST	METER	RO	NOT BY											
									CERTIFIED	ORIFICE	PE	AUDIT	3	0		-3.0	8.1						
									CERTIFIED	ORIFICE	RO	NOT BY											
									OTHER FLOW	STANDARDS	PE	AUDIT	3	0		-2.2	2.4						
									OTHER FLOW	STANDARDS	RO	NOT BY											

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0807 Ohio EPA, Northeast District Office

AGENCY TYPE: F

PARAMETER	CODE	DESCRIPTION	YEAR	Q	# OF COLLC	PRECISION DATA	*****	*****	LOC PRI	ACC	AUDIT	AUDIT	ACCURACY DATA	*****	*****	*****	*****
AUDIT CLASS					SMPLS SITES	LO	UP	BELOW LIM	DATA PRS	STD	TYPE	TYPE	CNT	LO-L1-UP	PROB LIM	LO-L2-UP	PROB LIM

88101	PM2.5	- Local Conditions			46	1	7.4	11.3	15	31							
INTERMITTENT		2004			1	13	1	2.1	5.0	8							
COLLOCATED					2	10	1	1.5	3.7	7							
					3	14	1	10.5	21.0	2							
					4	9	1	2.8	10.2	5							

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0809 Ohio EPA, Southeast District Office

AGENCY TYPE: F

PARAMETER	PRECISION DATA	ACCURACY DATA	
CODE DESCRIPTION YEAR Q # OF PRECIS PROB LIM ANALYZRS CHECKS LO UP	LOC PRI ACC AUDIT NO AUDITS PROB LIM	PROB LIM PROB LIM PROB LIM	
AUDIT CLASS	STD TYPE TYPE L1-3 L4 LO-L1-UP LO-L2-UP LO-L3-UP LO-L4-UP		
88101 PM2.5 - Local Conditions INTERMITTENT FLOW	1	0	- 2.0 - 0.6
	OTHER FLOW STANDARDS	PE AUDIT NOT BY	
	2	0	- 3.8 0.5
	OTHER FLOW STANDARDS	PE AUDIT NOT BY	
	3	0	- 3.9 1.9
	OTHER FLOW STANDARDS	PE AUDIT NOT BY	
	4	0	- 2.8 - 0.3
	OTHER FLOW STANDARDS	PE AUDIT NOT BY	

PARAMETER	PRECISION DATA	ACCURACY DATA	
CODE DESCRIPTION YEAR Q # OF COLLC PROB LIM COLLC SAMP VAL COLL	LOC PRI ACC AUDIT NO AUDITS PROB LIM	PROB LIM PROB LIM PROB LIM	
AUDIT CLASS	SMPLS SITES LO UP BELOW LIM DATA PRS	CNT LO-L1-UP LO-L2-UP LO-L3-UP	
88101 PM2.5 - Local Conditions INTERMITTENT COLLOCATED	49	3	46
	1	1	11
	2	1	8
	3	1	15
	4	1	12

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 0880 Portsmouth City Health Dept Division Air Pollution Control

AGENCY TYPE: H

PARAMETER	DESCRIPTION	YEAR	Q	# OF ANALYZERS	PRECISION DATA	PROB LIM	LOC PRI	STD	ACC	AUDIT TYPE	NO AUDITS	PROB LIM	PROB LIM	PROB LIM	PROB LIM
REC MODE	AUDIT CLASS			CHECKS	LO UP	LO UP		LO UP	TYPE	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP
88101	PM2.5 - Local Conditions	2004													
INTERMITTENT															
FLOW															
1	DRY TEST METER								PE	AUDIT NOT BY	13	0	- 1.9	1.6	
2	DRY TEST METER								PE	AUDIT NOT BY	3	0	- 1.3	5.6	
3	DRY TEST METER								PE	AUDIT AND CERT	5	0	- 2.8	1.1	
4	DRYCAL DC2 FLOWMETER								PE	AUDIT NOT BY	4	0	- 6.0	7.4	

PARAMETER	DESCRIPTION	YEAR	Q	# OF COLC SMPLS SITES	PRECISION DATA	PROB LIM	LOC PRI	STD	ACC	AUDIT TYPE	NO AUDITS	PROB LIM	PROB LIM	PROB LIM	PROB LIM
REC MODE	AUDIT CLASS				LO UP	LO UP		LO UP	TYPE	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP
88101	PM2.5 - Local Conditions	2004		50	4.1	5.8									
INTERMITTENT				1	4.7	13.1									
COLLOCATED				8	3.7	7.4									
				14	2.7	5.2									
				14	3.5	6.8									

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb, 10, 2005

REPORT ORG: 1217 Research Triangle Institute RTP, NC

AGENCY TYPE: J

PARAMETER	CODE	DESCRIPTION	YEAR	Q	PRECISION DATA	LOC PRI	ACC	AUDIT	NO AUDITS	ACCURACY DATA	PROB LIM	PROB LIM	PROB LIM	PROB LIM
AUDIT CLASS					# OF PRECIS PROB LIM ANALYZRS CHECKS	LO UP	STD	TYPE	L1-3	L4	LO-L1-UP	LO-L2-UP	LO-L3-UP	LO-L4-UP

88101 PM2.5 - Local Conditions  
 INTERMITTENT 2004  
 FLOW

1		CHINOOK FTS	PE	AUDIT	3	0	- 2.2	0.9						
		CHINOOK FTS	PE	AUDIT	3	0	- 2.2	0.9						
			RO	NOT BY										
			RO	AUDIT	3	0	- 2.2	0.9						
			RO	NOT BY										

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 1259 Hamilton County Department of Environmental Services

AGENCY TYPE: G

PARAMETER		PRECISION DATA				ACCURACY DATA												
CODE	DESCRIPTION	YEAR	Q	# OF ANALYZRS	PRECIS CHECKS	LO	UP	LOC PRI STD	ACC TYPE	AUDIT TYPE	NO AUDITS	L1-3	L4	PROB LIM LO-L1-UP	PROB LIM LO-L2-UP	PROB LIM LO-L3-UP	PROB LIM LO-L4-UP	
88101	PM2.5 - Local Conditions CONTINUOUS FLOW	2004																
			1						PE	AUDIT	5	0			-5.3	2.4		
			2						RO	NOT BY								
			3						PE	AUDIT	1	0						
			2						RO	NOT BY								
			3						PE	AUDIT	2	0			-10.8	4.7		
			1						RO	NOT BY								
			2						PE	AUDIT	2	0						
			3						RO	NOT BY								
			1						PE	AUDIT	2	0			-5.9	7.6		
			2						RO	NOT BY								
			3						PE	AUDIT	2	0						
			1						RO	NOT BY								

PARAMETER		PRECISION DATA				ACCURACY DATA												
CODE	DESCRIPTION	YEAR	Q	# OF ANALYZRS	PRECIS CHECKS	LO	UP	LOC PRI STD	ACC TYPE	AUDIT TYPE	NO AUDITS	L1-3	L4	PROB LIM LO-L1-UP	PROB LIM LO-L2-UP	PROB LIM LO-L3-UP	PROB LIM LO-L4-UP	
88101	PM2.5 - Local Conditions INTERMITTENT FLOW	2004																
			1						PE	AUDIT	44	0			-1.6	0.1		
			2						RO	NOT BY								
			3						PE	AUDIT	11	0			-4.5	0.2		
			1						RO	NOT BY								
			2						PE	AUDIT	11	0			-2.1	2.5		
			3						RO	NOT BY								
			4						PE	AUDIT	11	0			-1.4	0.5		
			1						RO	NOT BY								
			2						PE	AUDIT	11	0			-1.3	0.1		
			3						RO	NOT BY								
			4						PE	AUDIT	11	0						
			1						RO	NOT BY								

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SUBSYSTEM  
 P/A REPORTING ORG SUMMARY

Feb. 10, 2005

REPORT ORG: 1259 Hamilton County Department Of Environmental Services

AGENCY TYPE: G

PARAMETER	CODE	DESCRIPTION	YEAR	Q	# OF COLLG SMPLS SITES	PRECISION DATA			# OF COLLG SAMP	VAL COLL DATA PRS	ACCURACY DATA							
						LO	UP	BELOW LIM			LOC PRI STD	ACC TYPE	AUDIT TYPE	CNT	LO-L1-UP	PROB LIM LO-L2-UP	PROB LIM LO-L3-UP	
88101	PM2.5 -	Local Conditions			113	2	2.2	2.8	8	105								
INTERMITTENT		2004			1	29	2	2.1	3.3	26								
COLLOCATED					2	28	2	1.7	2.7	26								
					3	31	2	2.1	3.3	29								
					4	25	2	2.2	3.6	24								