

PORTSMOUTH LOCAL AIR AGENCY  
JURISDICTION MAP



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**Site Name: ADAMHOS**AQS Site ID: **39-001-0001**

Agency: Portsmouth City Health Dept Division Air Pollution

Primary QA Org.: Ohio EPA, Central District Office

MSA: monitor not located in a MSA

Address: 210 N. Walnut St., West Union 45693

Latitude: 38.794675

Longitude: -83.533996



**Site description:** This is a SLAMS sulfur dioxide and continuous PM<sub>2.5</sub> monitoring site located on the grounds of the Adams County Hospital. It is considered a background site in the transport of sulfur dioxide and PM<sub>2.5</sub> into West Union. The location setting is urban in West Union, Ohio. Land use is residential/commercial.

**Monitoring objective and spatial scale:** Monitoring Objective: Upwind background sulfur dioxide & PM<sub>2.5</sub> concentrations. Spatial Scale: Regional

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**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	750	Hourly	2/1/2006	<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input checked="" type="checkbox"/>	61	Hourly	11/1/1989	<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

\* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

**Description of any proposed changes:**

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**Quality Assurance**

- Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

**Comments:**

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**Site Name: WILGUS OUTPOST**AQS Site ID: **39-087-0011**

Agency: Portsmouth City Health Dept Division Air Pollution

Primary QA Org.: Ohio EPA, Central District Office

MSA: Huntington-Ashland

Address: St. Rt. 141 Wilgus 45696

Latitude: 38.629185

Longitude: -82.45886



**Site description:** This is a SLAMS ozone monitoring site located on the grounds of the Ohio Dept. of Transportation, in Wilgus, Ohio. The site is considered a background site in the transport of ozone into the Huntington-Ashland MSA. The location setting is rural. Land use is agricultural.

**Monitoring objective and spatial scale:** Monitoring Objective: Upwind background ozone concentrations. Spatial Scale: Urban

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**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input checked="" type="checkbox"/>	47	Hourly	4/1/1995	<input type="checkbox"/>
PM <sub>10</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

\* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

**Description of any proposed changes:**

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**Quality Assurance**

Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

**Comments:**

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**Site Name: IRONTON ODOT**AQS Site ID: **39-087-0012**

Agency: Portsmouth City Health Dept Division Air Pollution

Primary QA Org.: Ohio EPA, Central District Office

MSA: Huntington-Ashland

Address: 450 Commerce Drive, Ironton 45638

Latitude: 38.508169

Longitude: -82.659294



**Site description:** This is a SLAMS Ozone, SO<sub>2</sub>, PM<sub>2.5</sub> (Continuous), PM<sub>2.5</sub> (FRM), PM<sub>10</sub>, PM<sub>2.5</sub> (Chemical Species), PM<sub>2.5</sub> (Carbon) monitoring site located on the grounds of the Ohio Dept. of Transportation, in Ironton, Ohio. The site is considered a background site in the transport of ozone, SO<sub>2</sub> and PM into the Huntington- Ashland MSA. The location setting is urban. Land use is agriculture/industrial.

**Monitoring objective and spatial scale:** Monitoring Objective: Upwind background concentrations. Spatial Scale: Urban.

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**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input checked="" type="checkbox"/>	120	1:3	2/12/2008	<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input checked="" type="checkbox"/>	750	Hourly	4/1/2010	<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input checked="" type="checkbox"/>	SASS	1:6	2/12/2008	<input type="checkbox"/>
O <sub>3</sub>	<input checked="" type="checkbox"/>	47	Hourly	4/1/2010	<input type="checkbox"/>
PM <sub>10</sub>	<input checked="" type="checkbox"/>	62	1:6	2/11/2008	<input type="checkbox"/>
SO <sub>2</sub>	<input checked="" type="checkbox"/>	61	Hourly	4/1/2010	<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>	Carbon			<input type="checkbox"/>

\* Method codes are from the EPA Air Quality Database (AQS). Further description can be found in the appendix of the network review or at: (<http://www.epa.gov/ttn/airs/airsaqs/manuals/codedescs.htm>).

**Description of any proposed changes:**

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**Quality Assurance**

Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

**Comments:**

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**Site Name: PWTP**AQS Site ID: **39-145-0013**

Agency: Portsmouth City Health Dept Division Air Pollution

Primary QA Org.: Ohio EPA, Central District Office

MSA: monitor not located in a MSA

Address: 4862 Gallia Street, Portsmouth 45662

Latitude: 38.754588

Longitude: -82.916834



**Site description:** This is a SLAMS SO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub> monitoring site located on the roof of the offices of the Portsmouth Water Treatment Plant in Portsmouth, Ohio. The site is considered a point source of fugitive emissions from the remains of the former New Boston Coke plant. The location setting is urban. Land use is residential/industrial.

**Monitoring objective and spatial scale:** Monitoring Objective: Upwind point source/ background PM and SO<sub>2</sub> concentrations. Spatial Scale: Neighborhood

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**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input checked="" type="checkbox"/>	120	1:3	1/15/1999	<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input checked="" type="checkbox"/>	62	1:6	8/1/1988	<input type="checkbox"/>
SO <sub>2</sub>	<input checked="" type="checkbox"/>	61	Hourly	8/1/1988	<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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**Description of any proposed changes:**

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**Quality Assurance**

Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

**Comments:** Colocated FRM PM<sub>10</sub> & PM<sub>2.5</sub> monitors.

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**Site Name: PCAB**

AQS Site ID: **39-145-0019**  
Agency: Portsmouth City Health Dept Division Air Pollution  
Primary QA Org.: Ohio EPA, Central District Office  
MSA: monitor not located in a MSA  
Address: 605 Washington St., Portsmouth 45662  
Latitude: 38.735071  
Longitude: -82.998825



**Site description:** This is a SLAMS PM10 monitoring site located on the roof of the offices of the Portsmouth City Annex Building, in Portsmouth, Ohio. The site is considered a background site in the transport of PM10 into the Portsmouth Downtown area. The location setting is city center. Land use is commercial.

**Monitoring objective and spatial scale:** Monitoring Objective: Maximus PM10 concentrations.  
Spatial Scale: Neighborhood

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**Ambient Air Quality Monitors**

Parameter	Currently Operating	Collection Method	Operating Schedule	Monitor Start Date	Proposed Change
PM <sub>2.5</sub> FRM	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Continuous	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>2.5</sub> Speciation	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
O <sub>3</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
PM <sub>10</sub>	<input checked="" type="checkbox"/>	62	1:6	8/29/2001	<input type="checkbox"/>
SO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
NO <sub>2</sub>	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
CO	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Pb	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
TSP	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Metals	<input type="checkbox"/>	NA	NA		<input type="checkbox"/>
Air Toxics	<input type="checkbox"/>		NA		<input type="checkbox"/>
Meteorology	<input type="checkbox"/>				<input type="checkbox"/>
Other	<input type="checkbox"/>				<input type="checkbox"/>

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**Description of any proposed changes:**

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**Quality Assurance**

Siting and operation of each monitor meets the requirements of appendices A, C, D, and E of 40 CFR Part 58

**Comments:**