

US EPA ARCHIVE DOCUMENT

## Carter Carburetor Weekly Air Monitoring & Sampling Report

April 20, 2015 – April 26, 2015

Carter Carburetor Daily Weather Conditions							
	Monday 4/20/2015	Tuesday 4/21/2015	Wednesday 4/22/2015	Thursday 4/23/2015	Friday 4/24/2015	Saturday 4/25/2015	Sunday 4/26/2015
Temperature (range) <sup>1</sup>	58-48	68-47	59-43	66-38	67-45	71-50	64-48
Wind Speed (peak & average) <sup>2</sup>	38.9/16.1	33.1/12.3	29.1/10.3	17.0/4.7	30.0/12.3	23.9/9.4	23.9/9.6
Wind Direction (predominant)	W	W	W	NW	S	NE	NE
Precipitation (total) <sup>3</sup>	Trace	0.00	0.00	0.00	0.00	0.29	Trace

Carter Carburetor Daily Work Activities							
Site Activity	Monday 4/20/2015	Tuesday 4/21/2015	Wednesday 4/22/2015	Thursday 4/23/2015	Friday 4/24/2015	Saturday 4/25/2015	Sunday 4/26/2015
Window Removal by Torches	X	X	X	X	X		

### Daily Air Monitoring and Sampling Results

Air Monitoring / Sampling Results - Station 1 (Results reported in µg/m <sup>3</sup> )									
Parameter	Type of Analysis	Standard / Action Level	Monday 4/20/2015	Tuesday 4/21/2015	Wednesday 4/22/2015	Thursday 4/23/2015	Friday 4/24/2015	Saturday 4/25/2015	Sunday 4/26/2015
PM <sub>10</sub> (24-hour TWA)	Real-time	150 µg/m <sup>3</sup> (NAAQS)			24.5	27.8	33.8	44.4	40.5
Lead (in air sample)	Lab	0.15 µg/m <sup>3</sup> (NAAQS)							
Comments	Air monitoring equipment was turned off for maintenance Monday, 4/20/2015, through Tuesday, 4/21/2015. Laboratory data sampling has not resumed.								

Air Monitoring / Sampling Results - Station 2 (Results reported in µg/m <sup>3</sup> )									
Parameter	Type of Analysis	Standard / Action Level	Monday 4/20/2015	Tuesday 4/21/2015	Wednesday 4/22/2015	Thursday 4/23/2015	Friday 4/24/2015	Saturday 4/25/2015	Sunday 4/26/2015
PM <sub>10</sub> (24-hour TWA)	Real-time	150 µg/m <sup>3</sup> (NAAQS)			1.3	6.5	31.2	41.2	32.3
Lead (in air sample)	Lab	0.15 µg/m <sup>3</sup> (NAAQS)							
Comments	Air monitoring equipment was turned off for maintenance Monday, 4/20/2015, through Tuesday, 4/21/2015. Laboratory data sampling has not resumed.								

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Air Monitoring / Sampling Results - Station 3 (Results reported in µg/m <sup>3</sup> )									
Parameter	Type of Analysis	Standard / Action Level	Monday 4/20/2015	Tuesday 4/21/2015	Wednesday 4/22/2015	Thursday 4/23/2015	Friday 4/24/2015	Saturday 4/25/2015	Sunday 4/26/2015
<b>PM<sub>10</sub> (24-hour TWA)</b>	Real-time	150 µg/m <sup>3</sup> (NAAQS)			4.3	7.5	12.0	21.9	22.4
<b>Lead (in air sample)</b>	Lab	0.15 µg/m <sup>3</sup> (NAAQS)							
<b>Comments</b>		Air monitoring equipment was turned off for maintenance Monday, 4/20/2015, through Tuesday, 4/21/2015. Laboratory data sampling has not resumed.							

Air Monitoring / Sampling Results - Station 4 (Results reported in µg/m <sup>3</sup> )									
Parameter	Type of Analysis	Standard / Action Level	Monday 4/20/2015	Tuesday 4/21/2015	Wednesday 4/22/2015	Thursday 4/23/2015	Friday 4/24/2015	Saturday 4/25/2015	Sunday 4/26/2015
<b>PM<sub>10</sub> (24-hour TWA)</b>	Real-time	150 µg/m <sup>3</sup> (NAAQS)			3.4	6.4	10.6	21.7	20.3
<b>Lead (in air sample)</b>	Lab	0.15 µg/m <sup>3</sup> (NAAQS)							
<b>Comments</b>		Air monitoring equipment was turned off for maintenance Monday, 4/20/2015, through Tuesday, 4/21/2015. Laboratory data sampling has not resumed.							

Air Monitoring / Sampling Results - Station 5 (Results reported in µg/m <sup>3</sup> )									
Parameter	Type of Analysis	Standard / Action Level	Monday 4/20/2015	Tuesday 4/21/2015	Wednesday 4/22/2015	Thursday 4/23/2015	Friday 4/24/2015	Saturday 4/25/2015	Sunday 4/26/2015
<b>PM<sub>2.5</sub> (24-hour TWA)</b>	Real-time	35 µg/m <sup>3</sup> (NAAQS)			9.0	12.0	16.8	27.0	23.3
<b>Lead (in air sample)</b>	Lab	0.15 µg/m <sup>3</sup> (NAAQS)							
<b>Comments</b>		Air monitoring equipment was turned off for maintenance Monday, 4/20/2015, through Tuesday, 4/21/2015. Laboratory data sampling has not resumed.							

**Legend:**

No shading – indicates TWA readings less than the applicable standard/action level	Yellow shading – indicates a 1-hour TWA exceeded the applicable standard/action level, but the 24-hour TWA was below the standard/action level; initiate investigation	Red shading – indicates the 24-hour TWA exceeded the applicable standard/action level; initiate corrective action	Orange shading – indicates no data are available
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NAAQS – National Ambient Air Quality Standard

PM<sub>2.5</sub> – Particulate matter less than 2.5 microns in size

PM<sub>10</sub> – Particulate matter less than 10 microns in size

TWA – Time-weighted average (average of data collected from 12:00 AM to 12:00 AM)

µg/m<sup>3</sup> – Micrograms per cubic meter

<sup>1</sup>Temperature reported in degrees Fahrenheit

<sup>2</sup>Wind speed reported in miles per hour

<sup>3</sup>Precipitation reported in inches

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