

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

Carter Carburetor Weekly Air Monitoring & Sampling Report

April 13, 2015 – April 19, 2015

Air Monitoring / Sampling Results - Station 3 (Results reported in $\mu\text{g}/\text{m}^3$)									
Parameter	Type of Analysis	Standard / Action Level	Monday 4/13/2015	Tuesday 4/14/2015	Wednesday 4/15/2015	Thursday 4/16/2015	Friday 4/17/2015	Saturday 4/18/2015	Sunday 4/19/2015
PM ₁₀ (24-hour TWA)	Real-time	150 $\mu\text{g}/\text{m}^3$ (NAAQS)	7.3	4.4	7.5	29.8	26.1		
Lead (in air sample)	Lab	0.15 $\mu\text{g}/\text{m}^3$ (NAAQS)							
Comments	Air monitoring equipment was turned off for maintenance Saturday, 4/18/2015, through Sunday, 4/19/2015. Laboratory data sampling has not resumed.								

Air Monitoring / Sampling Results - Station 4 (Results reported in $\mu\text{g}/\text{m}^3$)									
Parameter	Type of Analysis	Standard / Action Level	Monday 4/13/2015	Tuesday 4/14/2015	Wednesday 4/15/2015	Thursday 4/16/2015	Friday 4/17/2015	Saturday 4/18/2015	Sunday 4/19/2015
PM ₁₀ (24-hour TWA)	Real-time	150 $\mu\text{g}/\text{m}^3$ (NAAQS)		2.7	6.3	28.6	26.1		
Lead (in air sample)	Lab	0.15 $\mu\text{g}/\text{m}^3$ (NAAQS)							
Comments	Air monitoring equipment was repaired and started recording on Tuesday, 4/14/2015. Air monitoring equipment was turned off for maintenance Saturday, 4/18/2015, through Sunday, 4/19/2015. Laboratory data sampling has not resumed								

Air Monitoring / Sampling Results - Station 5 (Results reported in $\mu\text{g}/\text{m}^3$)									
Parameter	Type of Analysis	Standard / Action Level	Monday 4/13/2015	Tuesday 4/14/2015	Wednesday 4/15/2015	Thursday 4/16/2015	Friday 4/17/2015	Saturday 4/18/2015	Sunday 4/19/2015
PM _{2.5} (24-hour TWA)	Real-time	35 $\mu\text{g}/\text{m}^3$ (NAAQS)	12.4	9.2	12.2	35.9	37.1		
Lead (in air sample)	Lab	0.15 $\mu\text{g}/\text{m}^3$ (NAAQS)							
Comments	The 1-hour PM _{2.5} TWA was exceeded because hazy/foggy conditions and exhausts from nearby idling vehicle Thursday, 4/16/2015 and Friday, 4/17/2015. Air monitoring equipment was turned off for maintenance Saturday, 4/18/2015, through Sunday, 4/19/2015. 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
--	--	---	--

NAAQS – National Ambient Air Quality Standard

PM_{2.5} – Particulate matter less than 2.5 microns in sizePM₁₀ – Particulate matter less than 10 microns in size

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

 $\mu\text{g}/\text{m}^3$ – Micrograms per cubic meter¹Temperature reported in degrees Fahrenheit²Wind speed reported in miles per hour³Precipitation reported in inches

Carter Carburetor Weekly Air Monitoring & Sampling Report

April 13, 2015 – April 19, 2015

