

## Carter Carburetor Weekly Air Monitoring & Sampling Report

July 27, 2015 – August 02, 2015

Carter Carburetor Daily Weather Conditions							
	Monday 7/27/2015	Tuesday 7/28/2015	Wednesday 7/29/2015	Thursday 7/30/2015	Friday 7/31/2015	Saturday 8/01/2015	Sunday 8/02/2015
Temperature (range) <sup>1</sup>	97-78	100-76	91-73	92-79	96-72	94-73	97-37
Wind Speed (peak & average) <sup>2</sup>	12.1 / 5.4	17.0 / 3.8	23.9 / 8.3	11.2 / 3.6	8.9 / 3.1	6.7 / 2.5	8.9 / 3.9
Wind Direction (predominant)	S	SE	N	SW	SW	SW	SW
Precipitation (total) <sup>3</sup>	0.03	0.00	0.00	0.00	0.00	0.00	0.00

Carter Carburetor Daily Work Activities							
Site Activity	Monday 7/27/2015	Tuesday 7/28/2015	Wednesday 7/29/2015	Thursday 7/30/2015	Friday 7/31/2015	Saturday 8/01/2015	Sunday 8/02/2015
Preparation for demolition and excavation				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 7/27/2015	Tuesday 7/28/2015	Wednesday 7/29/2015	Thursday 7/30/2015	Friday 7/31/2015	Saturday 8/01/2015	Sunday 8/02/2015
PM <sub>10</sub> (24-hour TWA)	Real-time	150 µg/m <sup>3</sup> (NAAQS)				3.4	9.5	10.0	11.6
Aroclor - 1242 (in air sample)	Lab	30.7 µg/m <sup>3</sup> (EPA Region 7)				ND	ND		
Aroclor - 1248 (in air sample)	Lab	30.7 µg/m <sup>3</sup> (EPA Region 7)				0.00946	ND		
Aroclor - 1254 (in air sample)	Lab	30.7 µg/m <sup>3</sup> (EPA Region 7)				ND	ND		
Aroclor - 1260 (in air sample)	Lab	30.7 µg/m <sup>3</sup> (EPA Region 7)				ND	ND		
<b>Comments</b>	Background laboratory samples collected on Thursday, 7/30/2015, and Friday, 7/31/2015. No laboratory samples collected Saturday, 8/01/2015, through Sunday, 8/02/2015 (weekend). Air monitoring had been suspended on 5/08/2015 due to a change in site activities. Real-time air monitoring resumed on Thursday, 7/30/2015.								

## Carter Carburetor Weekly Air Monitoring & Sampling Report

July 27, 2015 – August 02, 2015

Air Monitoring / Sampling Results - Station 2 (Results reported in $\mu\text{g}/\text{m}^3$ )									
Parameter	Type of Analysis	Standard / Action Level	Monday 7/27/2015	Tuesday 7/28/2015	Wednesday 7/29/2015	Thursday 7/30/2015	Friday 7/31/2015	Saturday 8/01/2015	Sunday 8/02/2015
<b>PM<sub>10</sub> (24-hour TWA)</b>	Real-time	150 $\mu\text{g}/\text{m}^3$ (NAAQS)				4.2	6.7	7.8	8.6
<b>Aroclor - 1242 (in air sample)</b>	Lab	30.7 $\mu\text{g}/\text{m}^3$ (EPA Region 7)					ND		
<b>Aroclor - 1248 (in air sample)</b>	Lab	30.7 $\mu\text{g}/\text{m}^3$ (EPA Region 7)					0.00863		
<b>Aroclor - 1254 (in air sample)</b>	Lab	30.7 $\mu\text{g}/\text{m}^3$ (EPA Region 7)					ND		
<b>Aroclor - 1260 (in air sample)</b>	Lab	30.7 $\mu\text{g}/\text{m}^3$ (EPA Region 7)					ND		
<b>Comments</b>	Background laboratory sample collected Friday, 7/31/2015. No laboratory samples collected Saturday, 8/01/2015, through Sunday, 8/02/2015 (weekend). Air monitoring had been suspended on 5/08/2015 due to a change in site activities. Real-time air monitoring resumed on Thursday, 7/30/2015.								

Air Monitoring / Sampling Results - Station 3 (Results reported in $\mu\text{g}/\text{m}^3$ )									
Parameter	Type of Analysis	Standard / Action Level	Monday 7/27/2015	Tuesday 7/28/2015	Wednesday 7/29/2015	Thursday 7/30/2015	Friday 7/31/2015	Saturday 8/01/2015	Sunday 8/02/2015
<b>PM<sub>10</sub> (24-hour TWA)</b>	Real-time	150 $\mu\text{g}/\text{m}^3$ (NAAQS)				5.6	8.4	9.5	11.8
<b>Aroclor - 1242 (in air sample)</b>	Lab	30.7 $\mu\text{g}/\text{m}^3$ (EPA Region 7)				ND	ND		
<b>Aroclor - 1248 (in air sample)</b>	Lab	30.7 $\mu\text{g}/\text{m}^3$ (EPA Region 7)				ND	ND		
<b>Aroclor - 1254 (in air sample)</b>	Lab	30.7 $\mu\text{g}/\text{m}^3$ (EPA Region 7)				ND	ND		
<b>Aroclor - 1260 (in air sample)</b>	Lab	30.7 $\mu\text{g}/\text{m}^3$ (EPA Region 7)				0.00689	ND		
<b>Comments</b>	Background laboratory samples collected on Thursday, 7/30/2015, and Friday, 7/31/2015. No laboratory samples collected Saturday, 8/01/2015, through Sunday, 8/02/2015 (weekend). Air monitoring had been suspended on 5/08/2015 due to a change in site activities. Real-time air monitoring resumed on Thursday, 7/30/2015.								

## Carter Carburetor Weekly Air Monitoring & Sampling Report

July 27, 2015 – August 02, 2015

Air Monitoring / Sampling Results - Station 4 (Results reported in µg/m <sup>3</sup> )									
Parameter	Type of Analysis	Standard / Action Level	Monday 7/27/2015	Tuesday 7/28/2015	Wednesday 7/29/2015	Thursday 7/30/2015	Friday 7/31/2015	Saturday 8/01/2015	Sunday 8/02/2015
<b>PM<sub>10</sub> (24-hour TWA)</b>	Real-time	150 µg/m <sup>3</sup> (NAAQS)				2.4	4.4	6.1	7.5
<b>Aroclor - 1242 (in air sample)</b>	Lab	30.7 µg/m <sup>3</sup> (EPA Region 7)				ND	ND		
<b>Aroclor - 1248 (in air sample)</b>	Lab	30.7 µg/m <sup>3</sup> (EPA Region 7)				ND	ND		
<b>Aroclor - 1254 (in air sample)</b>	Lab	30.7 µg/m <sup>3</sup> (EPA Region 7)				ND	ND		
<b>Aroclor - 1260 (in air sample)</b>	Lab	30.7 µg/m <sup>3</sup> (EPA Region 7)				ND	ND		
<b>Comments</b>	Background laboratory samples collected on Thursday, 7/30/2015, and Friday, 7/31/2015. No laboratory samples collected Saturday, 8/01/2015, through Sunday, 8/02/2015 (weekend). Air monitoring had been suspended on 5/08/2015 due to a change in site activities. Real-time air monitoring resumed on Thursday, 7/30/2015.								

Air Monitoring / Sampling Results - Station 5 (Results reported in µg/m <sup>3</sup> )									
Parameter	Type of Analysis	Standard / Action Level	Monday 7/27/2015	Tuesday 7/28/2015	Wednesday 7/29/2015	Thursday 7/30/2015	Friday 7/31/2015	Saturday 8/01/2015	Sunday 8/02/2015
<b>PM<sub>10</sub> (24-hour TWA)</b>	Real-time	150 µg/m <sup>3</sup> (NAAQS)				0.3	4.3	5.0	7.7
<b>Aroclor - 1242 (in air sample)</b>	Lab	30.7 µg/m <sup>3</sup> (EPA Region 7)				ND	ND		
<b>Aroclor - 1248 (in air sample)</b>	Lab	30.7 µg/m <sup>3</sup> (EPA Region 7)				ND	ND		
<b>Aroclor - 1254 (in air sample)</b>	Lab	30.7 µg/m <sup>3</sup> (EPA Region 7)				ND	ND		
<b>Aroclor - 1260 (in air sample)</b>	Lab	30.7 µg/m <sup>3</sup> (EPA Region 7)				ND	ND		
<b>Comments</b>	Background laboratory samples collected on Thursday, 7/30/2015, and Friday, 7/31/2015. No laboratory samples collected Saturday, 8/01/2015, through Sunday, 8/02/2015 (weekend). Air monitoring had been suspended on 5/08/2015 due to a change in site activities. Real-time air monitoring resumed on Thursday, 7/30/2015.								

**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	Blue shading – indicates no data are available
--	--	---	--

Aroclor – Monsanto mixture of polychlorinated biphenyl (PCB) congeners

NAAQS – National Ambient Air Quality Standard

ND – Not detected

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

# Carter Carburetor Weekly Air Monitoring & Sampling Report

July 27, 2015 – August 02, 2015

