

Carter Carburetor Weekly Air Monitoring & Sampling Report

November 09, 2015 – November 15, 2015

| Carter Carburetor Daily Weather Conditions | | | | | | | |
|--|----------------------|-----------------------|-------------------------|------------------------|----------------------|------------------------|----------------------|
| | Monday 11/09/2015 | Tuesday 11/10/2015 | Wednesday 11/11/2015 | Thursday 11/12/2015 | Friday 11/13/2015 | Saturday 11/14/2015 | Sunday 11/15/2015 |
| Temperature (range) ¹ | 60-35 | 65-35 | 68-50 | 61-46 | 60-38 | 71-35 | 68-50 |
| Wind Speed (peak & average) ² | 10.1 / 0.9 | 18.1 / 5.8 | 49.0 / 15.0 | 45.0 / 19.9 | 21.9 / 7.2 | 21.9 / 5.8 | 25.1 / 8.1 |
| Wind Direction (predominant) | N | SE | W | W | W | SW | SW |
| Precipitation (total) ³ | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 | 0.00 | 0.00 |

| Carter Carburetor Daily Work Activities | | | | | | | |
|---|----------------------|-----------------------|-------------------------|------------------------|----------------------|------------------------|----------------------|
| Site Activity | Monday 11/09/2015 | Tuesday 11/10/2015 | Wednesday 11/11/2015 | Thursday 11/12/2015 | Friday 11/13/2015 | Saturday 11/14/2015 | Sunday 11/15/2015 |
| Demolition of CBI building | X | X | | X | X | | |
| Die Cast area excavation | X | X | | X | X | | |
| Die Cast area materials hauled off site | X | X | | X | X | | |
| Processing of building rubble | X | X | | X | X | | |
| Scrap metal and rebar collection | X | X | | X | X | | |
| Scrap metal and rebar hauled off site | X | | | | | | |

Daily Air Monitoring and Sampling Results

| Air Monitoring / Sampling Results - Station 1 LINC 127 (Results reported in µg/m ³) | | | | | | | | | |
|---|------------------|---|----------------------|-----------------------|-------------------------|------------------------|----------------------|------------------------|----------------------|
| Parameter | Type of Analysis | Standard / Action Level | Monday 11/09/2015 | Tuesday 11/10/2015 | Wednesday 11/11/2015 | Thursday 11/12/2015 | Friday 11/13/2015 | Saturday 11/14/2015 | Sunday 11/15/2015 |
| PM ₁₀ (24-hour TWA) | Real-time | 150 µg/m ³ (NAAQS) | 36.3 | 29.5 | 19.9 | 10.1 | 20.2 | 18.9 | 12.3 |
| Aroclor - 1242 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | 0.0139 | | ND | | | |
| Aroclor - 1248 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | ND | | ND | | | |
| Aroclor - 1254 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | ND | | ND | | | |
| Aroclor - 1260 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | ND | | ND | | | |
| Comments | | Laboratory samples collected Tuesday, 11/10/2015, and Thursday, 11/12/2015. | | | | | | | |

Carter Carburetor Weekly Air Monitoring & Sampling Report

November 09, 2015 – November 15, 2015

| Air Monitoring / Sampling Results - Station 2 LINC 126 (Results reported in µg/m ³) | | | | | | | | | |
|---|------------------|--|---|-----------------------|-------------------------|------------------------|----------------------|------------------------|----------------------|
| Parameter | Type of Analysis | Standard / Action Level | Monday 11/09/2015 | Tuesday 11/10/2015 | Wednesday 11/11/2015 | Thursday 11/12/2015 | Friday 11/13/2015 | Saturday 11/14/2015 | Sunday 11/15/2015 |
| PM₁₀ (24-hour TWA) | Real-time | 150 µg/m ³ (NAAQS) | 24.9 | 19.6 | 13.2 | 6.8 | 9.5 | 11.0 | 7.3 |
| Aroclor - 1242 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | 1.14 | | 0.374 | | | |
| Aroclor - 1248 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | ND | | ND | | | |
| Aroclor - 1254 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | ND | | ND | | | |
| Aroclor - 1260 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | ND | | ND | | | |
| Comments | | | Laboratory samples collected Tuesday, 11/10/2015, and Thursday, 11/12/2015. | | | | | | |

| Air Monitoring / Sampling Results - Station 3 LINC 123 (Results reported in µg/m ³) | | | | | | | | | |
|---|------------------|--|---|-----------------------|-------------------------|------------------------|----------------------|------------------------|----------------------|
| Parameter | Type of Analysis | Standard / Action Level | Monday 11/09/2015 | Tuesday 11/10/2015 | Wednesday 11/11/2015 | Thursday 11/12/2015 | Friday 11/13/2015 | Saturday 11/14/2015 | Sunday 11/15/2015 |
| PM₁₀ (24-hour TWA) | Real-time | 150 µg/m ³ (NAAQS) | 45.9 | 41.1 | 17.8 | 8.0 | 12.7 | 15.6 | 9.8 |
| Aroclor - 1242 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | 0.0816 | | ND | | | |
| Aroclor - 1248 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | ND | | ND | | | |
| Aroclor - 1254 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | ND | | ND | | | |
| Aroclor - 1260 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | ND | | ND | | | |
| Comments | | | Laboratory samples collected Tuesday, 11/10/2015, and Thursday, 11/12/2015. On Monday, 11/09/2015, the PM ₁₀ 1-hour TWA was exceeded due to demolition near Spring Avenue. Site activities shut down and PM ₁₀ levels subsequently dropped. | | | | | | |

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| Air Monitoring / Sampling Results - Station 4 LINC 128 (Results reported in µg/m ³) | | | | | | | | | |
|---|------------------|--|----------------------|-----------------------|-------------------------|------------------------|----------------------|------------------------|----------------------|
| Parameter | Type of Analysis | Standard / Action Level | Monday 11/09/2015 | Tuesday 11/10/2015 | Wednesday 11/11/2015 | Thursday 11/12/2015 | Friday 11/13/2015 | Saturday 11/14/2015 | Sunday 11/15/2015 |
| PM₁₀ (24-hour TWA) | Real-time | 150 µg/m ³ (NAAQS) | 23.4 | 20.2 | 8.8 | 2.6 | 6.9 | 10.1 | 3.8 |
| Aroclor - 1242 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | | | | | | |
| Aroclor - 1248 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | | | | | | |
| Aroclor - 1254 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | | | | | | |
| Aroclor - 1260 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | | | | | | |
| Comments | | Laboratory samples not collected Tuesday, 11/10/2015, or Thursday, 11/12/2015, due to absence of power module. | | | | | | | |

| Air Monitoring / Sampling Results - Station 5 LINC 133 (Results reported in µg/m ³) | | | | | | | | | |
|---|------------------|---|----------------------|-----------------------|-------------------------|------------------------|----------------------|------------------------|----------------------|
| Parameter | Type of Analysis | Standard / Action Level | Monday 11/09/2015 | Tuesday 11/10/2015 | Wednesday 11/11/2015 | Thursday 11/12/2015 | Friday 11/13/2015 | Saturday 11/14/2015 | Sunday 11/15/2015 |
| PM₁₀ (24-hour TWA) | Real-time | 150 µg/m ³ (NAAQS) | 47.0 | 35.3 | 24.0 | 10.7 | 15.3 | 19.8 | 13.2 |
| Aroclor - 1242 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | 0.513 | | 0.0294 | | | |
| Aroclor - 1248 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | ND | | ND | | | |
| Aroclor - 1254 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | ND | | ND | | | |
| Aroclor - 1260 (in air sample) | Lab | 30.7 µg/m ³ (EPA Region 7) | | ND | | ND | | | |
| Comments | | Laboratory samples collected Tuesday, 11/10/2015, and Thursday, 11/12/2015. | | | | | | | |

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
 PCB – Polychlorinated biphenyl
 PM₁₀ – 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/m³ – Micrograms per cubic meter
¹Temperature reported in degrees Fahrenheit
²Wind speed reported in miles per hour
³Precipitation reported in inches

