

# Air Monitoring Summary Tables

The table below summarize monitoring data collected on using EPA's Viper wireless remote monitoring system.



**Project Name:** Industrial Plastic Co Fire

**Date:** December 19, 2013

**Time:** 4:00 AM - 6:00 AM

Facility					
Instrument	Analyte	8-hour TWA Exceedances	Concentration Range	Period TWA	Action Level (PEL/TLV)
Area Rae	VOCs	No	0 ppm	0 ppm	5 ppm
	CO	No	0 ppm	0 ppm	35 ppm
	Cl2	No	0 - 0.7 ppm	0.1 ppm	0.5 ppm
	O2	No	20.90%	20.90%	<19.5 or >23%
	LEL	No	0%	0%	10%
SPM	Phosgene	No	0 - 0.187 ppb	0.05 ppb	100 ppb
SPM	HCl	No	0.6 - 0.8 ppm	NA	5 ppm
Data Ram	PM-10	No	10 - 42 ug/m3	26 ug/m3	5000 ug/m3

Water Tower (6701 Pilot Drive)					
Instrument	Analyte	8-hour TWA Exceedances	Concentration Range	Period TWA	Action Level (AEGL-1 or 2)
Area Rae	VOCs	No	0 ppm	0 ppm	1 ppm
	CO	No	0 - 1 ppm	0.1 ppm	27 ppm
	Cl2	No	0 - 0.1 ppm	0 ppm	0.5 ppm
	O2	No	20.90%	20.90%	<19.5 or >23%
	LEL	No	0%	0%	0%
Data Ram	PM-10	No	8 - 235 ug/m3	45 ug/m3	See fact Sheet

Downwind Mobile (North of the Facility)					
Instrument	Analyte	8-hour TWA Exceedances	Concentration Range	Period TWA	Action Level (AEGL-1 or 2)
Data Ram	PM-10	No	5.8 - 97.3 ug/m3	NA	See fact Sheet

**Notes:**

<	Less than
NA	Not Applicable
PM-10	Particulate matter with an average diameter less than 10 microns
ppm	Parts per million
ug/m3	micrograms per cubic meter
VOC	Volitale organic compounds
Downwind Mobile Locations	PM-10 readings were collected at or near several population centers downwind of the site within the 4-mile evacuation zone, including at E. Hickman Elementary and Middle Schools, Bon Aqua Day Care, and several hotels near 1-40 (Hampton Inn and Holiday Inn Express)