

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 20, 2013

Time: 6:30 AM - 4:00 PM

Facility					
Instrument	Analyte	PEL Exceedances	Concentration Range	Period TWA	Action Level (PEL/TVLs)
AreaRae	VOCs	No	0 - 0.4 ppm	0.0 ppm	5 ppm
	CO	No	0 - 6.9 ppm	0.5 ppm	35 ppm
	Cl2	Yes	0 - 1 ppm	0.5 ppm	0.5 ppm
	O2	No	14.7 - 20.9%	20.9%	<19.5 or >23%
	LEL	No	0%	0%	10%
SPM	Phosgene	No	0 ppb	0 ppb	100 ppb
Data Ram	PM-10	No	17.5 - 401.5 ug/m3	54.1 ug/m3	5000 ug/m3

Facility Mobile					
Instrument	Analyte	8-hour TWA Exceedances	Concentration Range	Period TWA	Action Level (PEL/TVLs)
Data Ram	PM-10	No	18 - 1936.6 ug/m3	74.5 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 - 1.2 ppm	0.1 ppm	1 ppm
	CO	No	0 - 30.8 ppm	1.0 ppm	27 ppm
	Cl2	No	0 - 0.2 ppm	0.0 ppm	0.5 ppm
	O2	No	20.9%	20.9%	<19.5 or >23%
	LEL	No	0%	0%	0%
Data Ram	PM-10	Good	17.7 - 26.9 ug/m3	20.2 ug/m3	See PM Fact Sheet

Downwind Mobile (North of the Facility)					
Instrument	Analyte	8-hour TWA Exceedances	Concentration Range	Period TWA	Action Level (AEGL-1 or 2)
AreaRae	VOC	No	0 - 3 ppm	0.2 ppm	1 ppm
	CO	No	0 - 12.6 ppm	0.1 ppm	27 ppm
	CL2	No	0 - 0.2 ppm	0.0 ppm	0.5 ppm
	O2	No	20.9 - 21.3%	20.9%	<19.5 or >23%
	LEL	No	0%	0%	0%
Data Ram	PM-10	Moderate	21.3 - 767.6 ug/m3	29.4 ug/m3	See PM Fact Sheet

Notes:

a	background sensor drift contributed factor
<	Less than
>	Greather than
%	Percent
CL2	Chlorine
LEL	Lower explosive limit
O2	Oxygen
PM-10	Particulate matter with an average diameter less than 10 microns
ppm	Parts per million
ug/m3	micrograms per cubic meter
SPM	Single point monitor
VOC	Volitale organic compounds