

Air Monitoring Summary Tables

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

Project Name: Pinova Facility Fire

From: 4/16/2023
12:46 A.M.

To: 4/16/2023
7:06 A.M.



Comments: The concentrations and period averages did not exceed the site-specific action levels for the listed analytes. From approximately 0300 hours to 0700 hours, VOC concentrations were slightly elevated readings at Location 2 potentially due to nearby vehicles or high humidity.

Selden Park						
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Concentration Range	Period Average	Action Level
AreaRAE 1	VOC	No	305	0 - 110 ppb	57.21 ppb	52000 ppb
	CO	No	305	0 - 0 ppm	0.00 ppm	83 ppm
	H ₂ S	No	305	0 - 0 ppm	0.00 ppm	0.51 ppm
	O ₂	No	305	20.6 - 20.9 %	20.87 %	<19.5 or >23 %
	LEL	No	305	0 - 0%	0.00 %	10 %

College of Coastal Georgia						
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Concentration Range	Period Average	Action Level
AreaRAE 2	VOC	No	366	0 - 540 ppb	119.34 ppb	52000 ppb
	CO	No	366	0 - 16 ppm	0.0437 ppm	83 ppm
	H ₂ S	No	366	0 - 0 ppm	0.00 ppm	0.51 ppm
	O ₂	No	366	20.7 - 20.9 %	20.90 %	<19.5 or >23 %

Brunswick PD						
Instrument	Analyte	Action Level Exceedance?	Number of Readings	Concentration Range	Period Average	Action Level
AreaRAE 3	VOC	No	370	0 - 270 ppb	19.27 ppb	52000 ppb
	CO	No	370	0 - 3 ppm	0.0243 ppm	83 ppm
	H ₂ S	No	370	0 - 0 ppm	0.00 ppm	0.51 ppm
	O ₂	No	370	20.9 - 20.9 %	20.90 %	<19.5 or >23 %
	LEL	No	370	0 - 0%	0.00 %	10 %

Notes:

Analyte Definition Action Level Reference

% Percent
< Less than
> Greater than
AEGL Acute Exposure Guideline Levels for Airborne Chemicals
mg/m3 milligrams per cubic meter
min Minute
PEL Permissible exposure limit
ppb Parts per billion

VOC	Volatile Organic Compounds	AEGL-1, 1 hr for Benzene
CO	Carbon Monoxide	AEGL-2, 1 hr
H2S	Hydrogen Sulfide	AEGL-1, 1 hr
O2	Oxygen	29 CFR 1910.146, Confined Spaces
LEL	Lower Explosive Limit	29 CFR 1910.146, Confined Spaces