

### PRELIMINARY AIR MONITORING SUMMARY

Jenkintown, PA SPS Technologies Fire March 1 – 2, 2025

Submitted March 3, 2025

#### 1.0 INTRODUCTION

On February 19, 2025, CTEH was contacted to provide community air monitoring for SPS Technologies, LLC in conjunction with the United States Environmental Protection Agency (USEPA) and the Pennsylvania Department of Environmental Protection (PA DEP). CTEH initially established seven stationary real-time air monitoring locations in a perimeter around the SPS Technologies facility and adjacent residential areas on the morning of February 20, 2025. Real-time air monitoring performed by CTEH began at 1208 EST on February 20, 2025. At 1000 EST on February 22, 2025, CTEH established a Kestrel 6000 cellular weather station approximately 500 feet north of the facility. On the evening of February 22, 2025, CTEH established four additional stationary monitoring locations in community areas around the facility. Consistent with the updated Air Sampling and Analysis Plan (SAP) submitted on February 23, 2025, CTEH established two additional community stationary monitoring locations on both February 23 and February 24, 2025, bringing the total number of stationary monitoring locations to fifteen. The SAP was further updated on February 26, 2025 to reflect the removal of particulate matter monitors during rain events and a change in how monitoring stations were identified. These stationary real-time monitoring locations were established to encompass a 360° monitoring perimeter around the facility and within nearby communities.

This report summarizes real-time air monitoring data collected by CTEH personnel from approximately 0600 EST on March 1, 2025 to approximately 0600 EST on March 2, 2025.

#### 2.0 AIR MONITORING METHODS

Real-time air monitoring refers to the use of direct-reading instruments to provide a near-instantaneous readout of chemical concentrations in the air. On February 19, 2025, CTEH personnel developed a SAP to document and quantify the potential release of fugitive emissions from the incident. CTEH has continued to update the SAP and associated monitoring locations based on feedback from PA DEP. The analytes chosen for air monitoring were coordinated with representatives from USEPA and PA DEP for this incident based on the Tier II documentation for the SPS Technologies Facility.

Handheld real-time air monitoring refers to data collected by roaming CTEH personnel using handheld air monitoring instruments. Stationary real-time air monitoring refers to stationary instruments that record air monitoring data approximately every 15 seconds and send the data in real time to a centralized location via radio telemetry. Handheld and Stationary real-time air monitoring were conducted using RAE® Systems by Honeywell MultiRAE Pro and AreaRAE instruments equipped with 10.6 eV photoionization detectors and multiple electrochemical sensors, ChemLogic CLPx portable gas detectors, and Gastec GV-100 pumps equipped with chemical-specific, colorimetric detector tubes. These include volatile organic compounds (VOCs), hydrogen cyanide (HCN), hydrogen sulfide (H<sub>2</sub>S), chlorine (Cl<sub>2</sub>), carbon



monoxide (CO), sulfuric acid, nitric acid, and flammability as a percentage of the lower explosive limit (%LEL). Additionally, handheld and stationary real-time air monitoring for particulate matter of 2.5  $\mu$ m diameter or less (PM<sub>2.5</sub>) was conducted using TSI SidePak AM520 instruments.

Stationary air monitoring equipment is subject to drift events, which are defined as any interference in an instrument's photoionization detector (PID; 10.6 eV) or electrochemical sensor's ability to accurately report the concentration of a chemical in the atmosphere. Common sources of drift include impacts from humidity, temperature changes, and issues with instrument batteries. These drift sources may cause air monitoring equipment to report consistent, low-level detections in the absence of chemicals present in the air.

In total, CTEH has established fifteen stationary real-time air monitoring locations as part of this response. Six air monitoring stations were installed around the perimeter of the impacted facility. The remaining nine monitoring stations were established in the communities surrounding the impacted facility, including schools and parks. These locations include Baederwood Park, the Glenside Youth Athletic Club Baseball Fields, the Noble Train Station, Jenkintown Middle/High School, Salus University, Thomas Williams Park, Curtis Arboretum, Arcadia University, and Glenn Memorial Hall.

#### 3.0 AIR MONITORING RESULTS

Maps of the incident location, real-time air monitoring results, and the locations of stationary real-time air monitoring locations are provided in **Attachment A**. The results of handheld real-time air monitoring are summarized in **Table 1**. The results of stationary real-time air monitoring from the perimeter locations are summarized in **Tables 2 and 3**. The results of the stationary real-time air monitoring from the community locations are summarized in **Tables 4 and 5**. Visual depictions of the stationary real-time air monitoring data from the perimeter locations are provided in **Attachment B**. Visual depictions of the stationary real-time air monitoring data from the community locations are provided in **Attachment C**. A wind rose depicting wind direction and wind speed during this reporting period is provided in **Attachment D**. Meteorological data were acquired from both the PHILADELPHIA NE weather station in Philadelphia, PA, and a Kestrel 6000 cellular weather station located approximately 500 feet north of the facility.



#### 3.1 Handheld Real-Time Air Monitoring Results

Table 1: Handheld Real-Time Perimeter and Expanded Community Air Monitoring Results †

Analyte	Instrument	Number of Readings	Number of Detections	Concentration Range*
	CLPx	45	0	< 1 ppb
$Cl_2$	Gastec 8La	22	0	< 0.05 ppm
	MultiRAE	116	0	< 0.1 ppm
H <sub>2</sub> S	MultiRAE	34	0	< 0.1 ppm
HCN	Gastec #12L	21	0	< 0.1 ppm
TICIN	MultiRAE	52	0	< 1 ppm
Nitric Acid	CLPx	3	0	< 12.5 ppb
Niti ic Acid	Gastec #15L	127	0	< 0.05 ppm
Sulfuric Acid	CLPx	27	0	< 23.3 ppb
	Gastec #35	97	0	< 0.2 mg/m³
VOCs	MultiRAE	34	0	< 0.1 ppm

<sup>†</sup>Note: This is a preliminary data summary, indicating that the data provided have not undergone full quality assurance and quality control (QAQC) process and should be considered preliminary at this time.

There were no detections of any analyte evaluated during Handheld Perimeter Air Monitoring or Handheld Community Air Monitoring in this reporting period.

#### 3.2 Stationary Real-Time Perimeter Air Monitoring Results

Table 2. Summary of Stationary Real-Time Perimeter Air Monitoring AreaRAE Results<sup>†</sup>

Unit	Analyte	Number of Readings	<b>Number of Detections</b>	Concentration Range*
	СО	5,746	1	3.0 ppm
	H <sub>2</sub> S	5,746	0	< 0.1 ppm
Station 01	HCN	5,746	0	< 1.0 ppm
	%LEL	5,717	0	< 1.0 %
	VOCs	5,661	526	0.1 ppm
	CO	5,758	8	2.0 - 15.0 ppm
	H <sub>2</sub> S	5,758	0	< 0.1 ppm
Station 03	HCN	5,758	2	1.0 ppm
	%LEL	5,758	0	< 1.0 %
	VOCs	5,758	1,040	0.1 - 0.6 ppm
Station 04	CO	5,790	0	< 1.0 ppm



<sup>\*</sup>If no detectable concentration was observed, the instrument detection limit is preceded by a "<" symbol.

	H <sub>2</sub> S	5,790	0	< 0.1 ppm
_	HCN	5,790	0	< 1.0 ppm
_	%LEL	5,790	0	< 1.0 %
_	VOCs	5,790	120	0.1 ppm
	CO	5,779	0	< 1.0 ppm
_	H <sub>2</sub> S	5,779	0	< 0.1 ppm
Station 05	HCN	5,779	0	< 1.0 ppm
_	%LEL	5,779	0	< 1.0 %
_	VOCs	5,779	0	< 0.1 ppm
	CO	5,788	0	< 1.0 ppm
_	H <sub>2</sub> S	5,788	0	< 0.1 ppm
Station 06	HCN	5,788	0	< 1.0 ppm
_	%LEL	5,788	0	< 1.0 %
_	VOCs	5,786	2	0.3 ppm
	CO	5,779	0	< 1.0 ppm
_	H <sub>2</sub> S	5,779	0	< 0.1 ppm
Station 07	HCN	5,779	0	< 1.0 ppm
_	%LEL	5,779	0	< 1.0 %
_	VOCs	5,779	0	< 0.1 ppm

†Note: This is a preliminary data summary, indicating that the data provided have not undergone full quality assurance and quality control (QAQC) process and should be considered preliminary at this time. AreaRAE monitoring data contain drift events. Drift is defined as any interference in an instrument's photoionization detector (PID; 10.6 eV) or electrochemical sensor's ability to accurately report the concentration of a chemical in the atmosphere. Humidity, rapid temperature changes, and compromised instrument batteries are examples of common sources of drift.

\* If no detection was observed, the instrument detection limit preceded by a "<" symbol is listed; ppm = parts per million

Table 3: Summary of Stationary Real-Time Perimeter Air Monitoring PM<sub>2.5</sub> Results<sup>†</sup>

Unit	Instrument	24-Hour PM <sub>2.5</sub> NAAQS	Average PM <sub>2.5</sub> Concentration (mg/m <sup>3</sup> )
Station 1	AM520	0.035	0.005
Station 3	AM520	0.035	0.005
Station 4	AM520	0.035	0.005
Station 5	AM520	0.035	0.006
Station 6	AM520	0.035	0.005
Station 7	AM520	0.035	0.005

<sup>†</sup>Note: This is a preliminary data summary, indicating that the data provided have not undergone full quality assurance and quality control (QAQC) process and should be considered preliminary at this time.

During stationary real-time perimeter air monitoring, there were no detections of  $H_2S$  or %LEL at any air monitoring station. Transient, low-level detections of CO were observed at Station 1 and 3. There were two detections of HCN at Station 3. Because there were no concurrent HCN detections at Station 4,



between Station 3 and the impacted facility, these detections were likely related to sources unrelated to the facility. There were no elevated average PM<sub>2.5</sub> concentrations observed in the perimeter monitoring locations during this reporting period.

#### 3.3 Stationary Real-Time Expanded Community Air Monitoring Results

Table 4. Summary of Stationary Real-Time Expanded Community Air Monitoring AreaRAE Results<sup>†</sup>

Station 02         HCN         5,248         0         < 0.1 pg	Unit	Analyte	Count of Readings	Count of Detections	Range of Detections
Station   O2		CO	5,248	0	< 1.0 ppm
LEL   5,248   0   < 1.		H2S	5,248	0	< 0.1 ppm
VOCs         5,248         0         <0.1 pg           CO         4,990         0         <1.0 pg	Station 02	HCN	5,248	0	< 1.0 ppm
Station 08         CO         4,990         0         < 1.0 p           H2S         4,990         0         < 0.1 p		LEL	5,248	0	< 1.0 %
Station 08         HCN         4,990         0         < 0.1 pg           LEL         4,990         0         < 1.0 pg		VOCs	5,248	0	< 0.1 ppm
Station 08         HCN         4,990         0         <1.0 mg/s           LEL         4,990         0         <1.0 mg/s		СО	4,990	0	< 1.0 ppm
LEL   4,990   0   < 1.0     VOCs   4,990   53   0.1 p     CO   5,304   0   < 1.0 p     H2S   5,304   0   < 1.0 p     H2S   5,304   0   < 1.0 p     LEL   5,304   0   < 1.0 p     VOCs   5,304   1,079   0.1 - 0.4 p     VOCs   5,359   0   < 1.0 p     H2S   5,159   0   < 1.0 p     H2S   5,159   0   < 1.0 p     LEL   5,159   0   < 1.0 p     LEL   5,159   0   < 1.0 p     LEL   5,159   0   < 1.0 p     VOCs   5,159   0   < 1.0 p     LEL   5,159   0   < 1.0 p     VOCs   5,315   2   1.0 p     Factor of the product of th		H2S	4,990	0	< 0.1 ppm
VOCs         4,990         53         0.1 p           EXAMINATION OF THE PROPERTY	Station 08	HCN	4,990	0	< 1.0 ppm
Station 09         HCN         5,304         0         <1.0 pm           LEL         5,304         0         <0.1 pm		LEL	4,990	0	< 1.0 %
Station 09         H2S         5,304         0         <0.1 pg           LEL         5,304         0         <1.0 pg		VOCs	4,990	53	0.1 ppm
Station 09         HCN         5,304         0         < 1.0 p           LEL         5,304         0         < 1.0 p		CO	5,304	0	< 1.0 ppm
LEL         5,304         0         < 1.           VOCs         5,304         1,079         0.1 - 0.4 pc           LEL         5,304         1,079         0.1 - 0.4 pc           LEL         5,159         0         < 0.1 pc		H2S	5,304	0	< 0.1 ppm
VOCs         5,304         1,079         0.1 - 0.4 pc           A CO         5,159         0         < 1.0 pc	Station 09	HCN	5,304	0	< 1.0 ppm
Station 10         CO         5,159         0         < 1.0 p           LEL         5,159         0         < 0.1 p		LEL	5,304	0	< 1.0 %
Station 10         H2S         5,159         0         < 0.1 pc           LEL         5,159         0         < 1.0 pc		VOCs	5,304	1,079	0.1 - 0.4 ppm
Station 10         HCN         5,159         0         < 1.0 pc           LEL         5,159         0         < 1.0 pc		СО	5,159	0	< 1.0 ppm
LEL         5,159         0         <1.           VOCs         5,159         0         <0.1 pc		H2S	5,159	0	< 0.1 ppm
VOCs         5,159         0         < 0.1 pc           LEL         5,315         2         1.0 pc           H2S         5,315         0         < 0.1 pc	Station 10	HCN	5,159	0	< 1.0 ppm
Station 11         CO         5,315         2         1.0 pc           H2S         5,315         0         <0.1 pc		LEL	5,159	0	< 1.0 %
Station 11         H2S         5,315         0         < 0.1 pc           LEL         5,315         0         < 1.0 pc		VOCs	5,159	0	< 0.1 ppm
Station 11         HCN         5,315         0         < 1.0 p           LEL         5,315         0         < 1.0 p		CO	5,315	2	1.0 ppm
LEL         5,315         0         < 1.           VOCs         5,315         43         0.1 - 0.2 pc           CO         5,492         0         < 1.0 pc		H2S	5,315	0	< 0.1 ppm
VOCs         5,315         43         0.1 - 0.2 pc           CO         5,492         0         < 1.0 pc	Station 11	HCN	5,315	0	< 1.0 ppm
Station 12         CO         5,492         0         < 1.0 p           H2S         5,492         0         < 0.1 p		LEL	5,315	0	< 1.0 %
H2S         5,492         0         < 0.1 p           Station 12         HCN         5,492         0         < 1.0 p		VOCs	5,315	43	0.1 - 0.2 ppm
Station 12         HCN         5,492         0         < 1.0 p           LEL         5,492         0         < 1.		CO	5,492	0	< 1.0 ppm
LEL     5,492     0     < 1.       VOCs     5,492     1,661     0.1 - 0.3 p		H2S	5,492	0	< 0.1 ppm
VOCs 5,492 1,661 0.1 - 0.3 p	Station 12	HCN	5,492	0	< 1.0 ppm
		LEL	5,492	0	< 1.0 %
Station 13 CO 5,570 0 < 1.0 p		VOCs	5,492	1,661	0.1 - 0.3 ppm
	Station 13	CO	5,570	0	< 1.0 ppm



	H2S	5,570	0	< 0.1 ppm
_	HCN	5,570	0	< 1.0 ppm
_	LEL	5,570	0	< 1.0 %
_	VOCs	5,570	0	< 0.1 ppm
	CO	5,094	0	< 1.0 ppm
_	H2S	5,094	0	< 0.1 ppm
Station 14	HCN	5,094	0	< 1.0 ppm
_	LEL	5,094	0	< 1.0 %
_	VOCs	5,094	94	0.1 ppm
	CO	5,183	2	1.0 - 2.0 ppm
Station 15	H2S	5,183	0	< 0.1 ppm
	HCN	5,183	0	< 1.0 ppm
	LEL	5,183	0	< 1.0 %
_	VOCs	5,183	2	0.1 - 0.2 ppm

<sup>†</sup>Note: This is a preliminary data summary, indicating that the data provided have not undergone full quality assurance and quality control (QAQC) process and should be considered preliminary at this time. AreaRAE monitoring data contain drift events. Drift is defined as any interference in an instrument's photoionization detector (PID; 10.6 eV) or electrochemical sensor's ability to accurately report the concentration of a chemical in the atmosphere. Humidity, rapid temperature changes, and compromised instrument batteries are examples of common sources of drift.

\* If no detection was observed, the instrument detection limit preceded by a "<" symbol is listed; ppm = parts per million

Table 5: Summary of Stationary Real-Time Expanded Community Air Monitoring PM<sub>2.5</sub> Results <sup>†</sup>

Unit	Instrument	24-Hour PM <sub>2.5</sub> NAAQS	Average PM <sub>2.5</sub> Concentration (mg/m <sup>3</sup> )
Station 2	AM 520	0.035	0.006
Station 8	AM520	0.035	0.005
Station 9	AM520	0.035	0.007
Station 10	AM520	0.035	0.005
Station 11	AM520	0.035	0.005
Station 12	AM520	0.035	0.005
Station 13	AM520	0.035	0.005
Station 14	AM520	0.035	0.005
Station 15	AM520	0.035	0.005

<sup>†</sup>Note: This is a preliminary data summary, indicating that the data provided have not undergone full quality assurance and quality control (QAQC) process and should be considered preliminary at this time.

Stationary real-time monitoring at nine locations in communities surrounding the facility indicated no detections of H<sub>2</sub>S, HCN, or % LEL. Transient low-level detections of CO were observed at Stations 11 and 15. There were no elevated average PM<sub>2.5</sub> concentrations observed in the community monitoring locations during this reporting period.



#### 4.0 METEOROLOGICAL CONDITIONS

**Attachment D** contains wind roses depicting wind speed and direction from station PHILADELPHIA NE, approximately 6.89 miles from the site, and a Kestrel 6000 cellular monitoring station located approximately 500 feet north of the facility.



## Attachment A

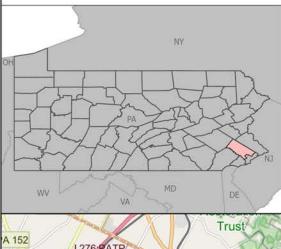
Maps



## **CTEH**°

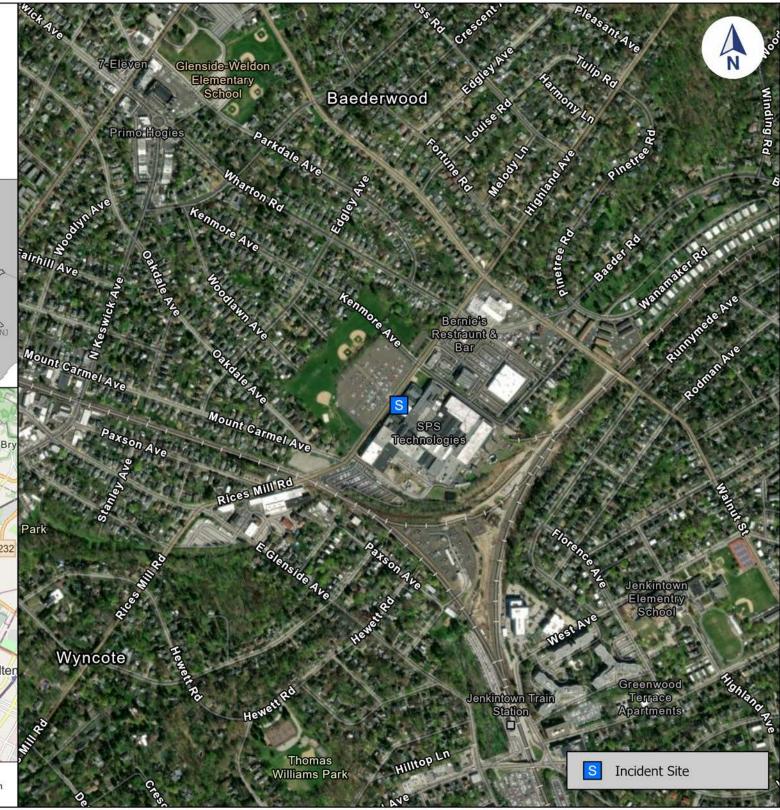
#### **SPS Technologies Fire**

Incident Location
Abington Township, PA | Montgomery
County
PROJ-052216



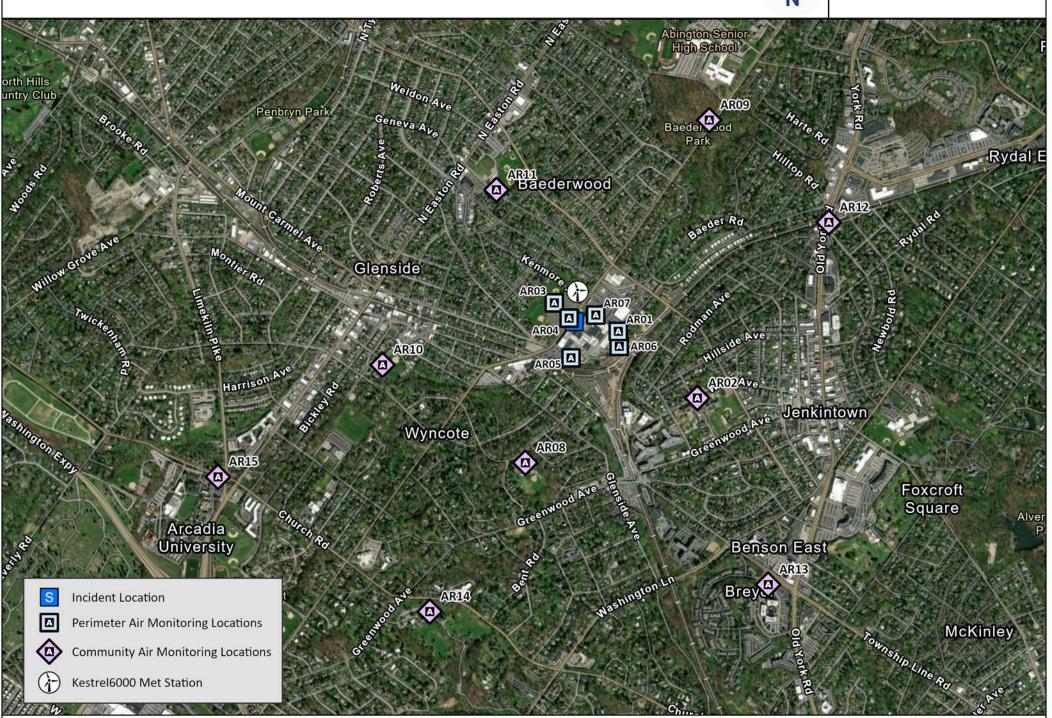


Updated At: 2/20/2025 4:59 PM
Projection: NAD 1983 2011 StatePlane Pennsylvania South
FIPS 3702





Project: PROJ-052216 City: Abington Township, PA County: Montgomery



\* Handheld Real-Time Air Monitoring Locations | Community Monitoring | Cl<sub>2</sub>

\*\*SPS Technologies Fire | 03/01/2025 06:00 to 03/02/2025 06:00 EST

Datum: NAD 1983 2011

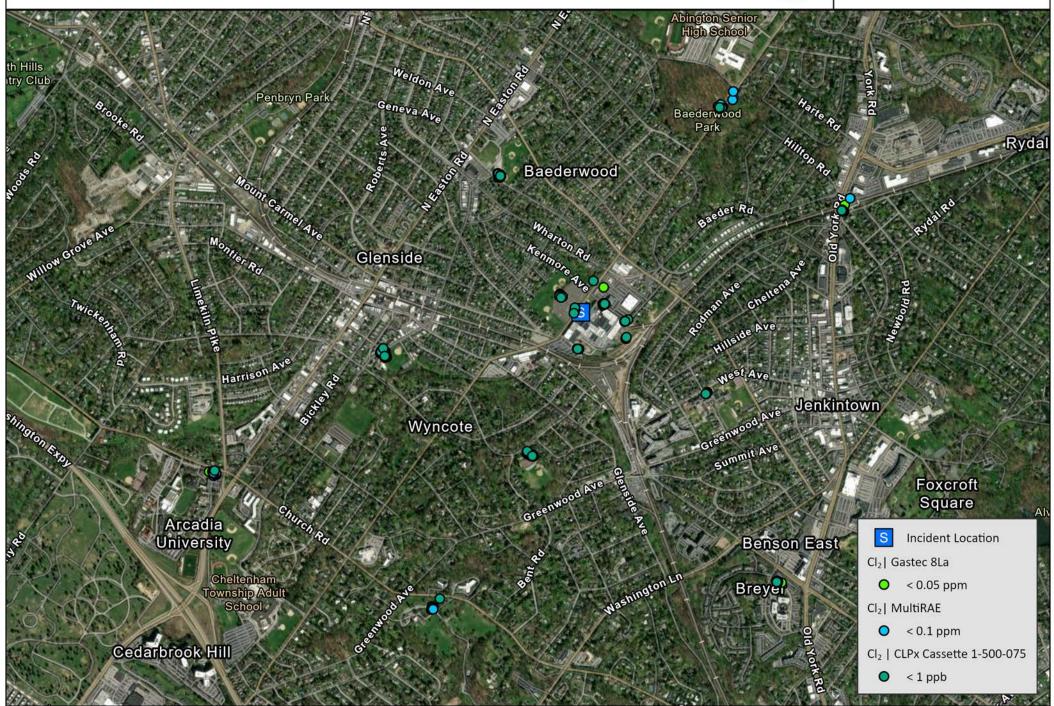
Projection: NAD 1983 2011 StatePlane Pennsylvania South FIPS 3702



Project: PROJ-052216 City: Abington Township, PA

County: Montgomery

Updated At: 3/2/2025 3:42 PM



Handheld Real-Time Air Mon
SPS Technologies Fire | 03/01/20

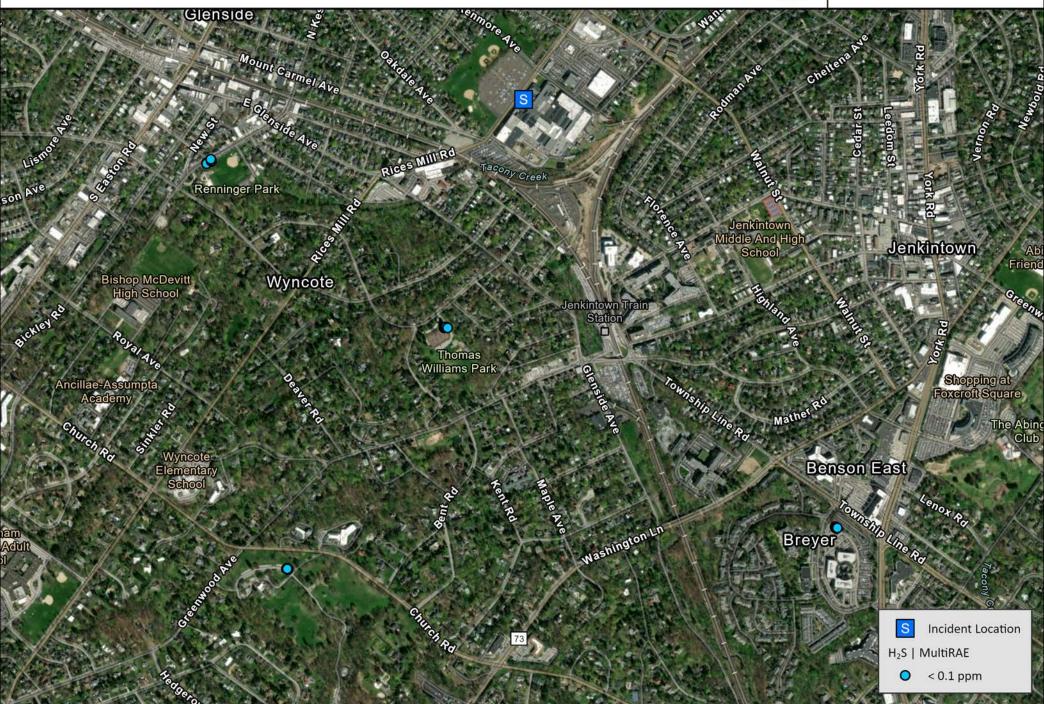
Handheld Real-Time Air Monitoring Locations | Community Monitoring | H<sub>2</sub>S

SPS Technologies Fire | 03/01/2025 06:00 to 03/02/2025 06:00 EST



Project: PROJ-052216 City: Abington Township, PA

County: Montgomery



Datum: NAD 1983 2011 Projection: NAD 1983 2011 StatePlane Pennsylvania South FIPS 3702 0 1,000 Fe

Updated At: 3/2/2025 8:38 AM

**CTEH** 

Datum: NAD 1983 2011

Projection: NAD 1983 2011 StatePlane Pennsylvania South FIPS 3702

Handheld Real-Time Air Monitoring Locations | Community Monitoring | HCN

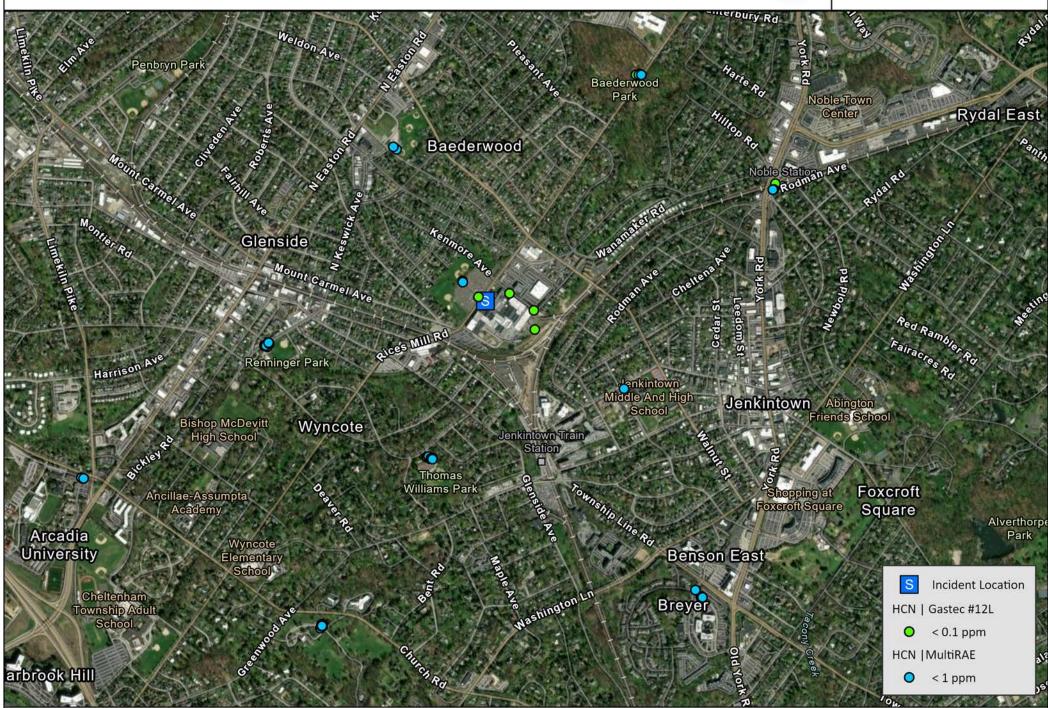
SPS Technologies Fire | 03/01/2025 06:00 to 03/02/2025 06:00 EST



Project: PROJ-052216 City: Abington Township, PA

County: Montgomery

Updated At: 3/2/2025 8:39 AM



**CTEH** 

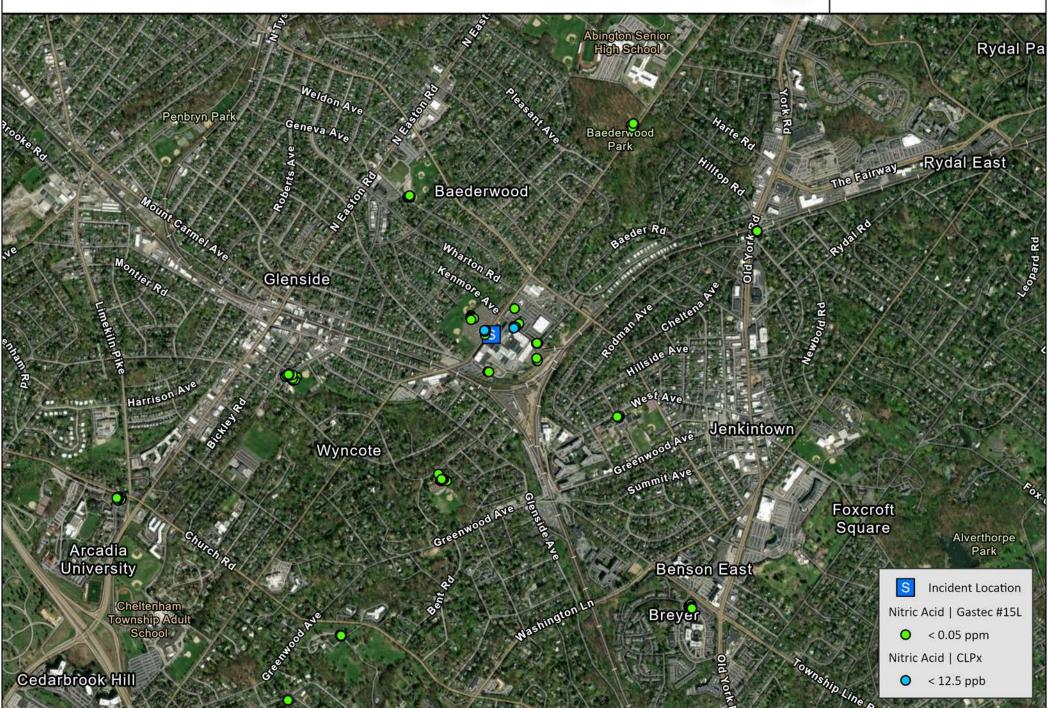
Handheld Real-Time Air Monitoring Locations | Community Monitoring | Nitric Acid

SPS Technologies Fire | 03/01/2025 06:00 to 03/02/2025 06:00 EST



Project: PROJ-052216 City: Abington Township, PA

County: Montgomery



Datum: NAD 1983 2011 Projection: NAD 1983 2011 StatePlane Pennsylvania South FIPS 3702 1,000 Updated At: 3/2/2025 8:39 AM

**CTEH** 

Datum: NAD 1983 2011

Projection: NAD 1983 2011 StatePlane Pennsylvania South FIPS 3702

Handheld Real-Time Air Monitoring Locations | Community Monitoring | Sulfuric Acid

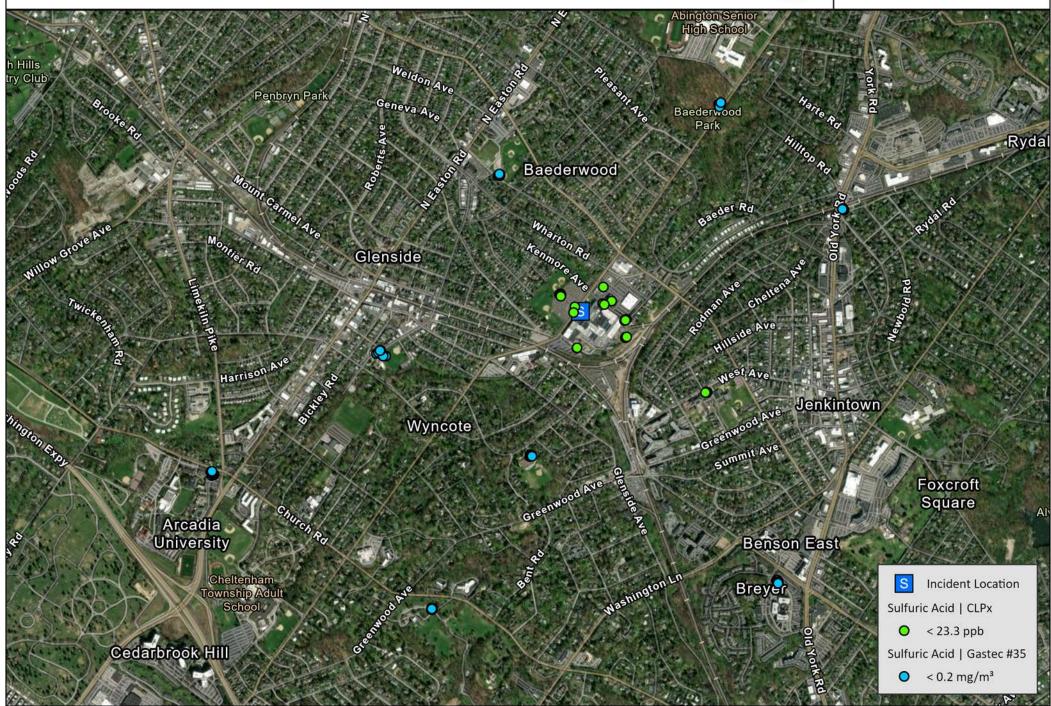
SPS Technologies Fire | 03/01/2025 06:00 to 03/02/2025 06:00 EST



Project: PROJ-052216 City: Abington Township, PA

County: Montgomery

Updated At: 3/2/2025 8:40 AM



Handheld Real-Time Air Monitoring Locations | Community Monitoring | VOCs

SPS Technologies Fire | 03/01/2025 06:00 to 03/02/2025 06:00 EST

Datum: NAD 1983 2011

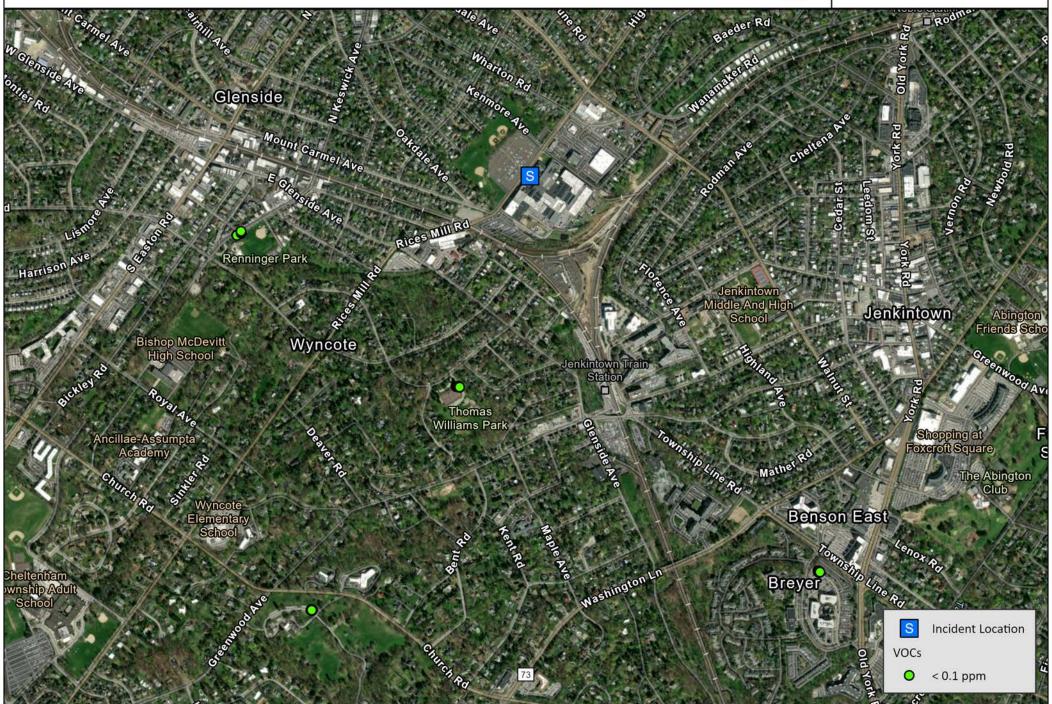
Projection: NAD 1983 2011 StatePlane Pennsylvania South FIPS 3702



Project: PROJ-052216 City: Abington Township, PA

County: Montgomery

Updated At: 3/2/2025 8:41 AM

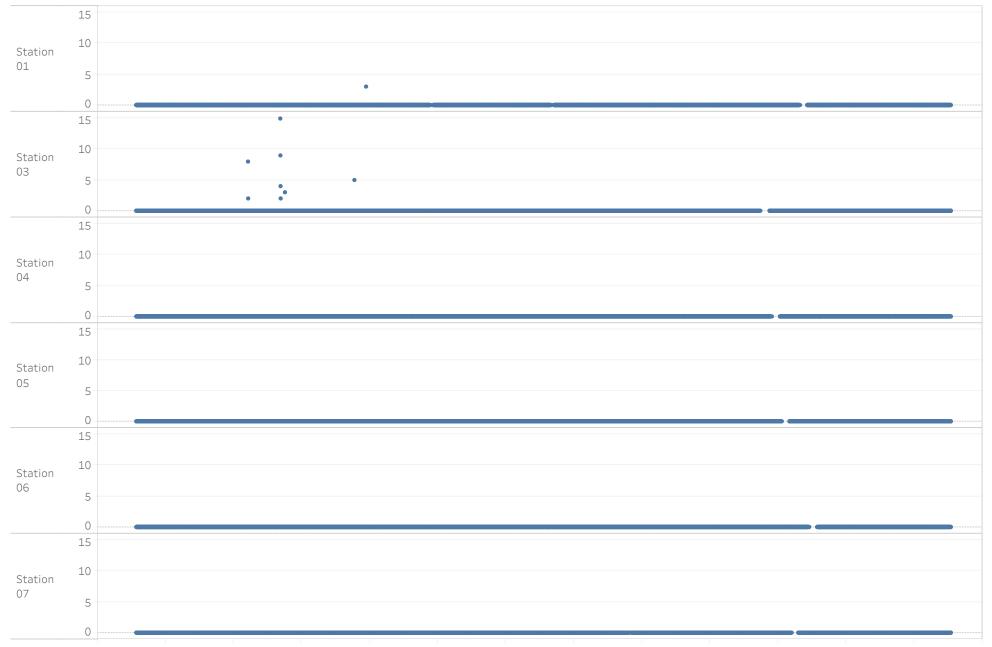


## Attachment B

# Stationary Real-Time Perimeter Monitoring Graphs



3/1/2025 4:07:13 AM to 3/2/2025 4:04:04 AM | **Analyte: CO (ppm)** 

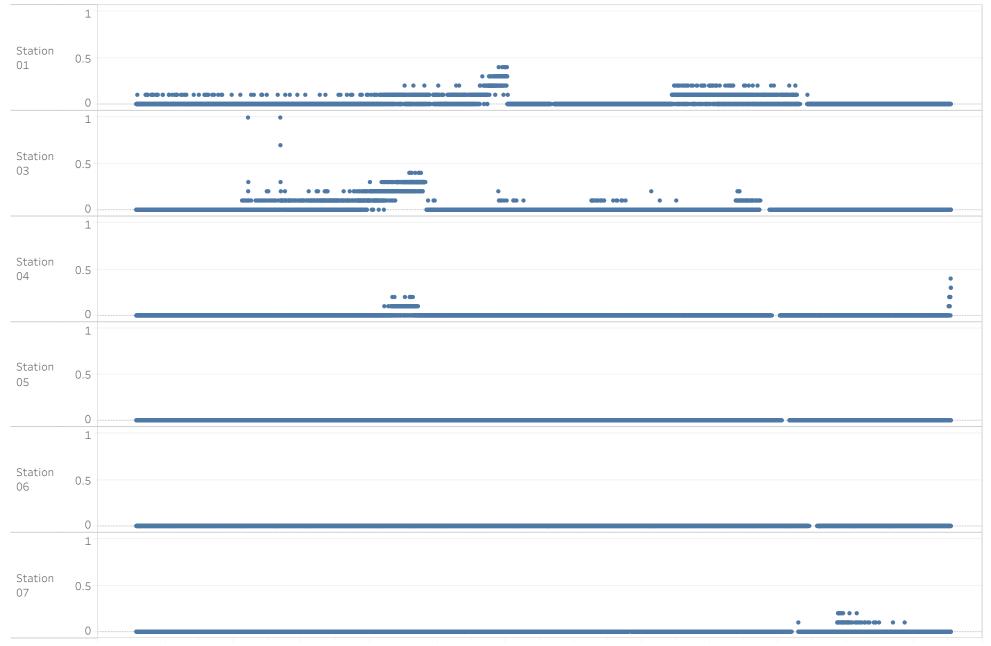


03/01 05:00 03/01 07:00 03/01 09:00 03/01 11:00 03/01 13:00 03/01 15:00 03/01 17:00 03/01 19:00 03/01 21:00 03/01 23:00 03/02 01:00 03/02 03:00

3/1/2025 4:07:13 AM to 3/2/2025 4:04:04 AM | **Analyte: H2S (ppm)** 



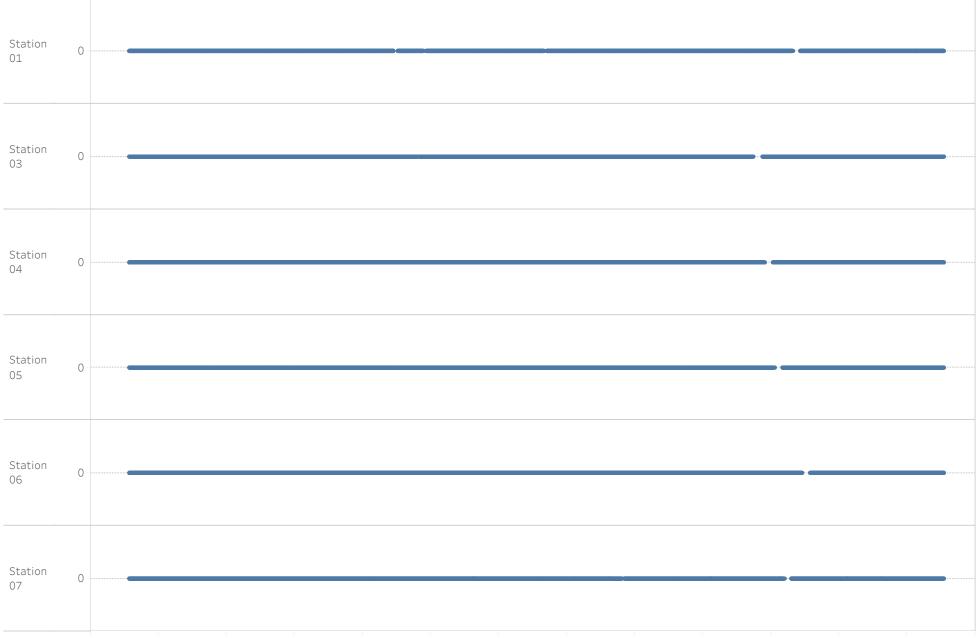
3/1/2025 4:07:13 AM to 3/2/2025 4:04:04 AM | **Analyte: HCN (ppm)** 



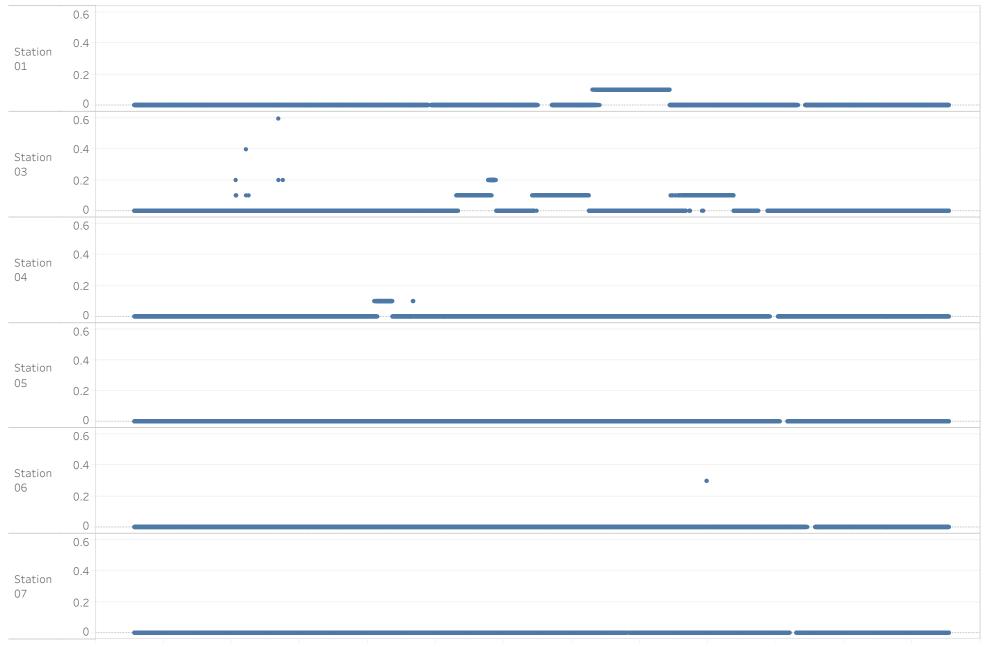
03/01 05:00 03/01 07:00 03/01 09:00 03/01 11:00 03/01 13:00 03/01 15:00 03/01 17:00 03/01 19:00 03/01 21:00 03/01 23:00 03/02 01:00 03/02 03:00

#### Preliminary Fixed Station Real-time Air Monitoring Readings

PROJ-052216 | SPS Technologies Fire | Abington Township, PA 3/1/2025 4:07:13 AM to 3/2/2025 4:04:04 AM | **Analyte: LEL (%)** 



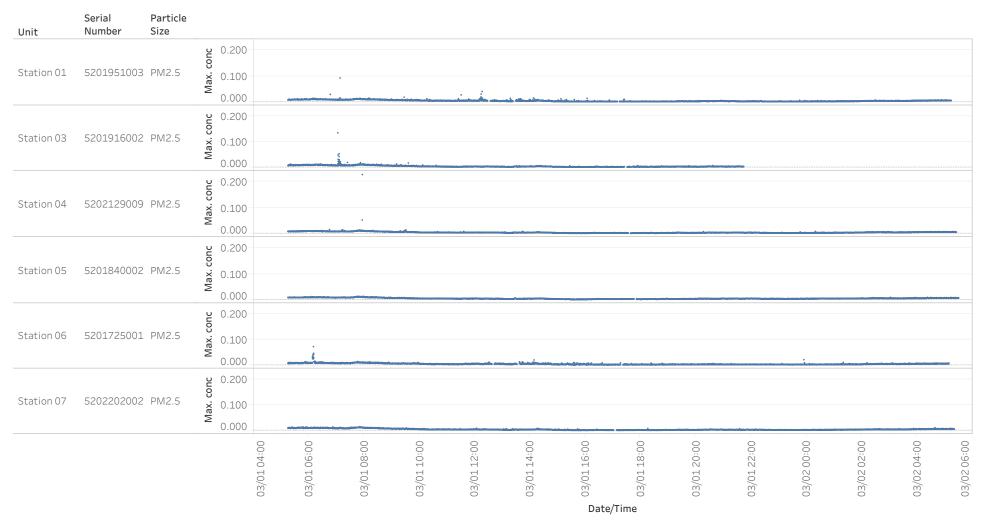
3/1/2025 4:07:13 AM to 3/2/2025 4:04:04 AM | **Analyte: VOCs (ppm)** 



03/01 05:00 03/01 07:00 03/01 09:00 03/01 11:00 03/01 13:00 03/01 15:00 03/01 17:00 03/01 19:00 03/01 21:00 03/01 23:00 03/02 01:00 03/02 03:00

PROJ-052216 | PM2.5 Graph

SPS Technologies Fire | Abington Township, PA 03/01 05:15 to 03/02 05:29



### PROJ-052216 Summary Table | PM2.5

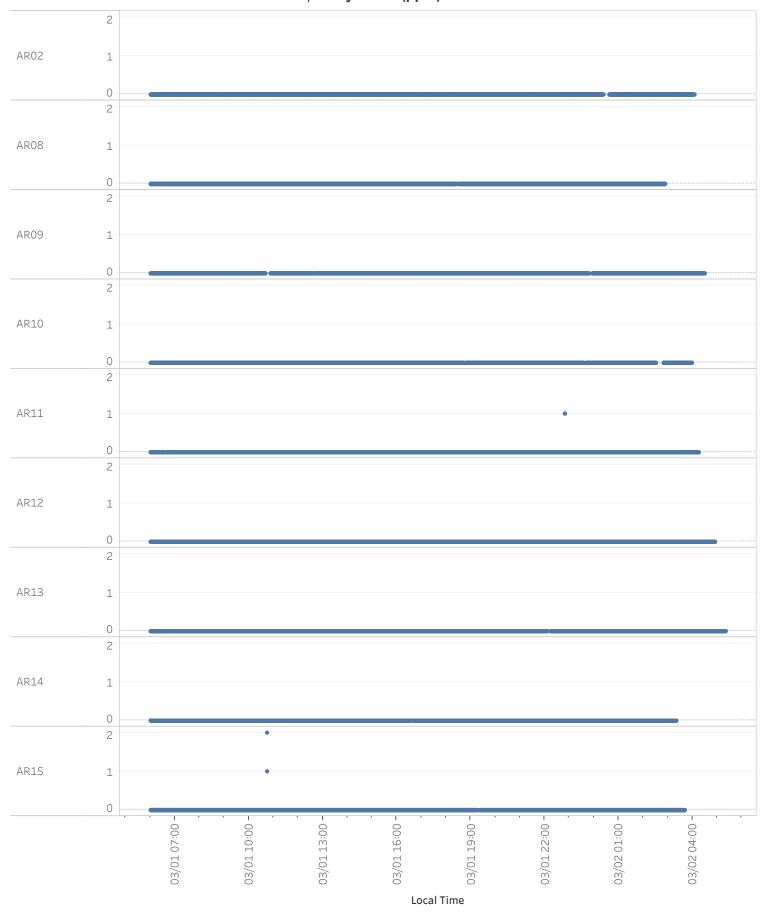
Unit	Particle Size	Count of Records	Count of Detections	Min. concentration	Max. concentration	Avg. concentration
Station 01	PM2.5	5,689	5,689	0.002	0.093	0.005
Station 03	PM2.5	3,929	3,929	0.002	0.135	0.005
Station 04	PM2.5	5,781	5,781	0.002	0.227	0.005
Station 05	PM2.5	5,798	5,798	0.002	0.014	0.006
Station 06	PM2.5	5,677	5,677	0.002	0.073	0.005
Station 07	PM2.5	5,758	5,758	0.002	0.016	0.005

## Attachment C

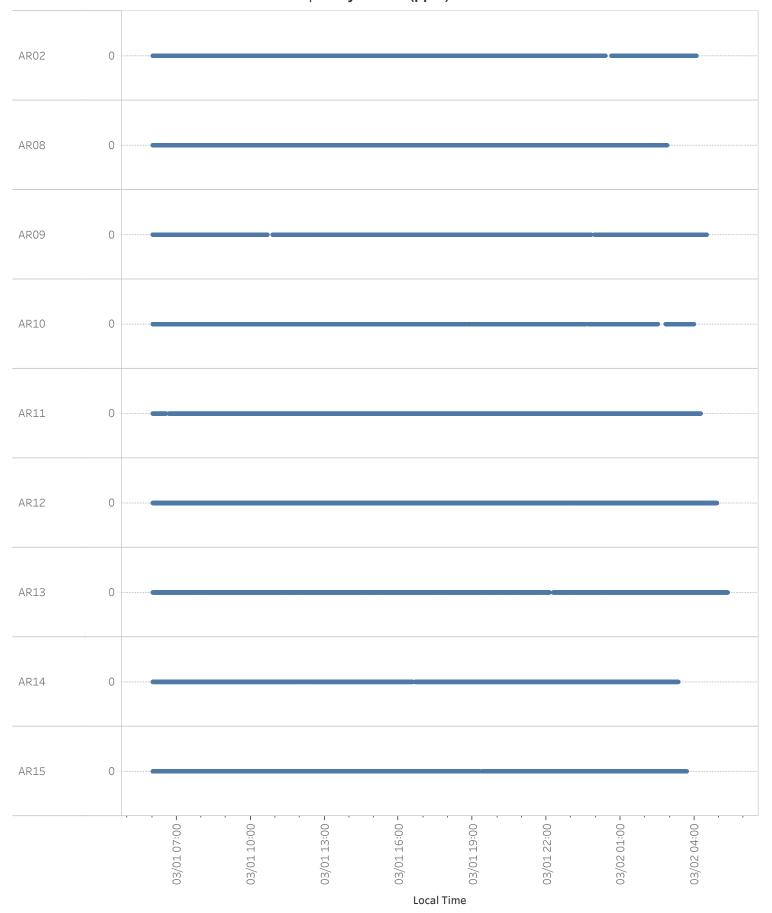
# Stationary Real-Time Community Monitoring Graphs



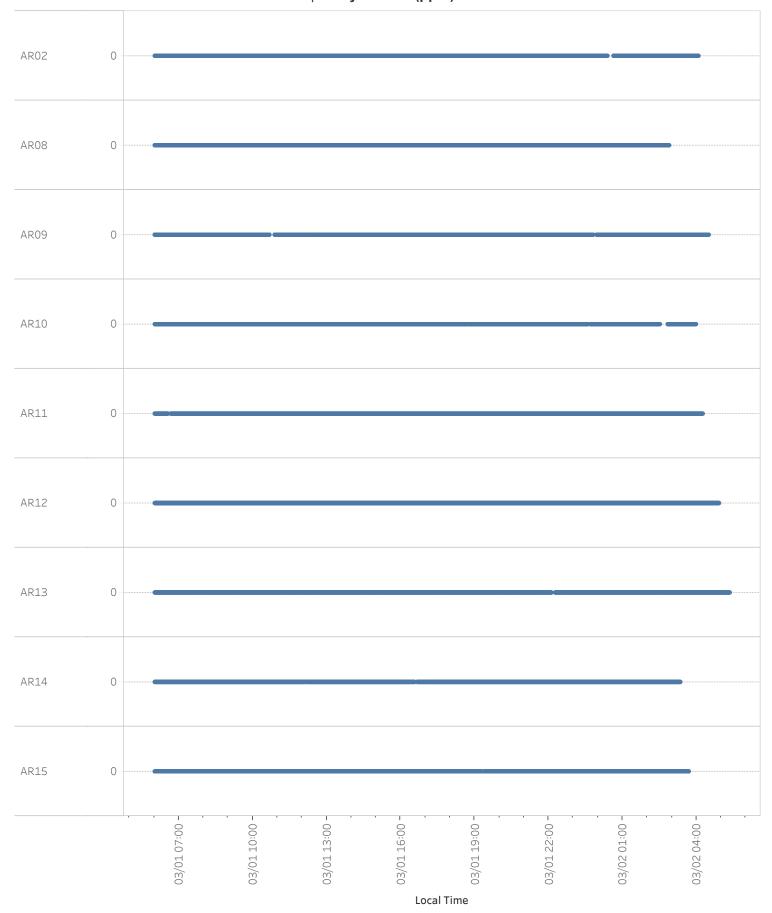
# Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | Expanded Community | SPS Technologies Fire | Abington Township, PA 3/1/2025 6:00:04 AM to 3/2/2025 5:20:20 AM | **Analyte: CO (ppm)**



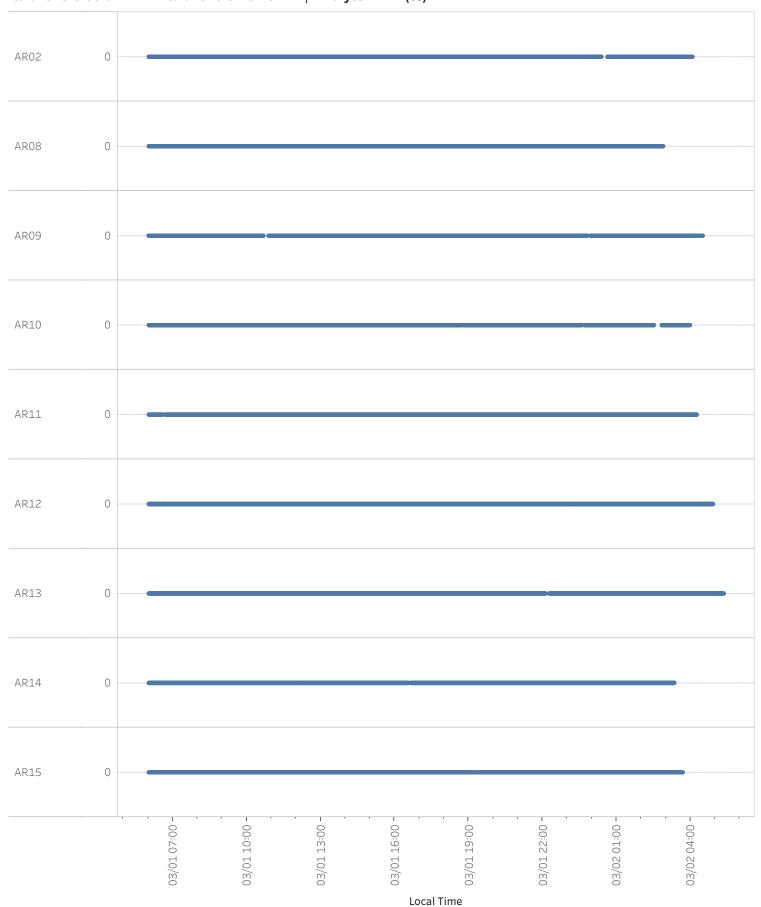
# Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | Expanded Community | SPS Technologies Fire | Abington Township, PA 3/1/2025 6:00:04 AM to 3/2/2025 5:20:20 AM | **Analyte: H2S (ppm)**



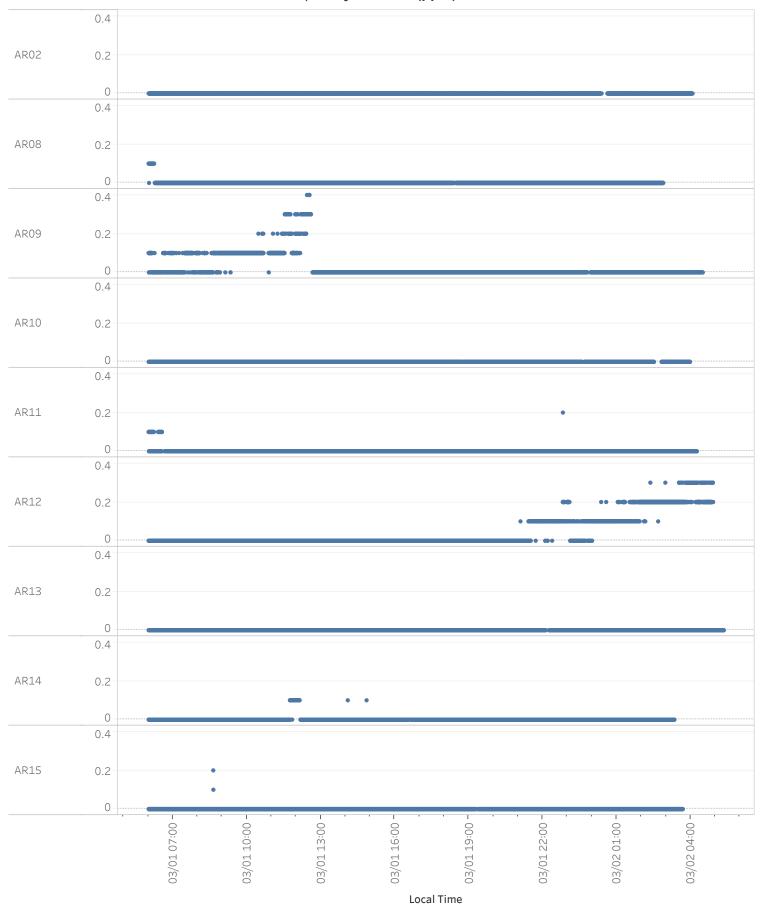
# Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | Expanded Community | SPS Technologies Fire | Abington Township, PA 3/1/2025 6:00:04 AM to 3/2/2025 5:20:20 AM | **Analyte: HCN (ppm)**



# Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | Expanded Community | SPS Technologies Fire | Abington Township, PA 3/1/2025 6:00:04 AM to 3/2/2025 5:20:20 AM | **Analyte: LEL (%)**

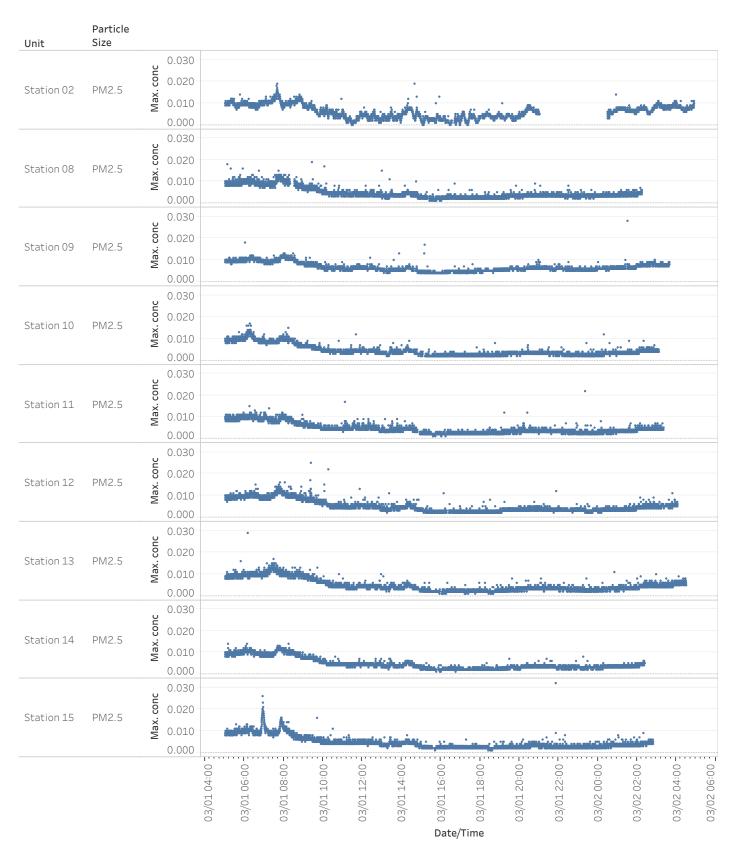


# Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | Expanded Community | SPS Technologies Fire | Abington Township, PA 3/1/2025 6:00:04 AM to 3/2/2025 5:20:20 AM | **Analyte: VOCs (ppm)**



#### PROJ-052216 | PM2.5 Graph | Expanded Community

SPS Technologies Fire | Abington Township, PA 03/01 05:00 to 03/02 04:53



#### PROJ-052216 Summary Table | PM2.5 | Expanded Community

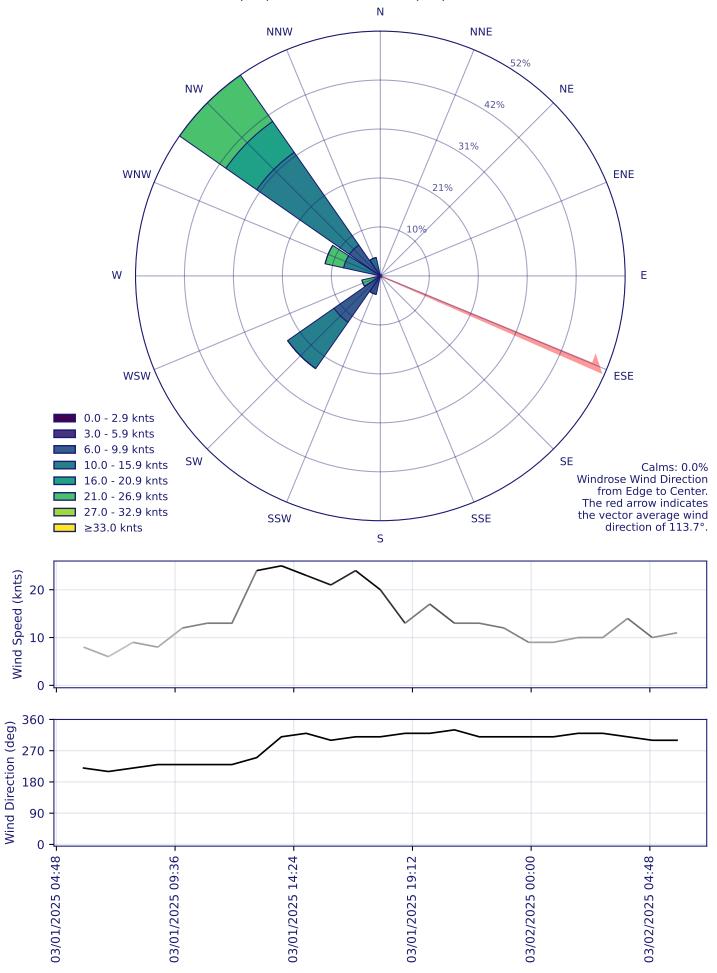
Unit	Particle Size	Count of Records	Count of Detections	Min. concentration	Max. concentration	Avg. concentration
Station 02	PM2.5	7,550	7,510	0.000	0.019	0.006
Station 08	PM2.5	5,024	5,024	0.001	0.019	0.005
Station 09	PM2.5	5,388	5,388	0.004	0.028	0.007
Station 10	PM2.5	5,273	5,273	0.002	0.017	0.005
Station 11	PM2.5	5,322	5,322	0.001	0.022	0.005
Station 12	PM2.5	5,502	5,502	0.002	0.025	0.005
Station 13	PM2.5	5,607	5,607	0.001	0.029	0.005
Station 14	PM2.5	5,107	5,107	0.001	0.014	0.005
Station 15	PM2.5	5,205	5,205	0.001	0.032	0.005

## Attachment D

**Meteorological Conditions** 



Weather Station: PHILADELPHIA NE 03/01/2025 05:54 TO 03/02/2025 05:54



Weather Station: KESTREL (MET 3)- PA 03/01/2025 05:20 TO 03/02/2025 05:50

