

### PRELIMINARY AIR MONITORING SUMMARY

Jenkintown, PA SPS Technologies Fire March 3 – 4, 2025

Submitted March 5, 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 3, 2025 to approximately 0600 EST on March 4, 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<sup>®</sup> 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 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

| Analyte          | Instrument    | Number of Readings | Number of Detections | Concentration Range*    |
|------------------|---------------|--------------------|----------------------|-------------------------|
|                  | CLPx Cassette | 115                | 0                    | < 1 ppb                 |
| Cl <sub>2</sub>  | MultiRAE      | 29                 | 0                    | < 0.1 ppm               |
| H <sub>2</sub> S | MultiRAE      | 9                  | 0                    | < 0.1 ppm               |
| HCN              | Gastec #12L   | 7                  | 0                    | < 0.1 ppm               |
| HCN              | MultiRAE      | 16                 | 0                    | < 1 ppm                 |
| %LEL             | MultiRAE      | 9                  | 0                    | < 1 %                   |
| Nitric Acid      | Gastec #15L   | 184                | 0                    | < 0.05 ppm              |
| Sulfuric Acid    | CLPx          | 60                 | 0                    | < 23.3 ppb              |
| Sulfunc Aclu     | Gastec #35    | 122                | 0                    | < 0.2 mg/m <sup>3</sup> |
| VOCs             | MultiRAE      | 4                  | 0                    | < 0.1 ppm               |

#### Table 1: Handheld Real-Time Perimeter and Expanded Community Air Monitoring Results<sup>+</sup>

<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.

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

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 | Number of Detections | Concentration Range* |
|------------|---------|--------------------|----------------------|----------------------|
|            | CO      | 5,837              | 4                    | 2.0 - 10.0 ppm       |
|            | $H_2S$  | 5,837              | 0                    | < 0.1 ppm            |
| Station 01 | HCN     | 5,836              | 0                    | < 1.0 ppm            |
|            | %LEL    | 5,794              | 0                    | < 1.0 %              |
|            | VOCs    | 5,841              | 160                  | 0.1 - 0.2 ppm        |
|            | CO      | 5,857              | 0                    | < 1.0 ppm            |
|            | $H_2S$  | 5,857              | 0                    | < 0.1 ppm            |
| Station 03 | HCN     | 5,857              | 0                    | < 1.0 ppm            |
|            | %LEL    | 5,857              | 1                    | 2.0 %                |
|            | VOCs    | 5,859              | 966                  | 0.1 - 0.2 ppm        |
| Station 04 | CO      | 5,891              | 0                    | < 1.0 ppm            |
| 56101104   | $H_2S$  | 5,891              | 0                    | < 0.1 ppm            |



|            | HCN              | 5,891 | 0     | < 1.0 ppm     |
|------------|------------------|-------|-------|---------------|
|            | %LEL             | 5,891 | 0     | < 1.0 %       |
| -          | VOCs             | 5,891 | 1,277 | 0.1 - 0.4 ppm |
|            | СО               | 5,903 | 0     | < 1.0 ppm     |
| -          | H <sub>2</sub> S | 5,903 | 3     | 0.4 - 1.2 ppm |
| Station 05 | HCN              | 5,903 | 0     | < 1.0 ppm     |
| _          | %LEL             | 5,903 | 0     | < 1.0 %       |
| _          | VOCs             | 5,903 | 683   | 0.1 ppm       |
|            | СО               | 5,936 | 0     | < 1.0 ppm     |
| _          | H <sub>2</sub> S | 5,936 | 0     | < 0.1 ppm     |
| Station 06 | HCN              | 5,936 | 0     | < 1.0 ppm     |
| _          | %LEL             | 5,936 | 0     | < 1.0 %       |
| _          | VOCs             | 5,936 | 0     | < 0.1 ppm     |
|            | СО               | 5,922 | 3     | 2.0 - 4.0 ppm |
| _          | H <sub>2</sub> S | 5,922 | 0     | < 0.1 ppm     |
| Station 07 | HCN              | 5,922 | 0     | < 1.0 ppm     |
| _          | %LEL             | 5,922 | 0     | < 1.0 %       |
|            | VOCs             | 5,922 | 273   | 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. 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 $PM_{2.5}$ Concentration (mg/m <sup>3</sup> ) |
|-----------|------------|---------------------------------|---|
| Station 1 | AM520      | 0.035                           | 0.016   |
| Station 3 | AM520      | 0.035                           | 0.016   |
| Station 4 | AM520      | 0.035                           | 0.015   |
| Station 5 | AM520      | 0.035                           | 0.016   |
| Station 6 | AM520      | 0.035                           | 0.015   |
| Station 7 | AM520      | 0.035                           | 0.017   |

<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 HCN at any air monitoring station. Transient low-level detections of CO were observed at Stations 1 and 7. A single detection of %LEL was observed at Station 3. Transient low-level detections of  $H_2S$  were observed at



Stations 5. There were no elevated average  $PM_{2.5}$  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 Static | onary Real-Time Expanded | Community Air Monitoring | AreaRAE Results <sup>+</sup> |
|----------------------------|--------------------------|--------------------------|------------------------------|
|----------------------------|--------------------------|--------------------------|------------------------------|

| Unit       | Analyte          | Count of Readings | Count of Detections | Range of Detections |
|------------|------------------|-------------------|---------------------|---------------------|
|            | СО               | 5,079             | 0                   | < 1.0 ppm           |
|            | $H_2S$           | 5,079             | 0                   | < 0.1 ppm           |
| Station 02 | HCN              | 5,079             | 0                   | < 1.0 ppm           |
|            | LEL              | 5,079             | 0                   | < 1.0 %             |
|            | VOCs             | 5,079             | 0                   | < 0.1 ppm           |
|            | СО               | 5,046             | 0                   | < 1.0 ppm           |
|            | $H_2S$           | 5,046             | 0                   | < 0.1 ppm           |
| Station 08 | HCN              | 5,046             | 0                   | < 1.0 ppm           |
|            | LEL              | 5,046             | 0                   | < 1.0 %             |
|            | VOCs             | 5,046             | 0                   | < 0.1 ppm           |
|            | СО               | 5,445             | 0                   | < 1.0 ppm           |
|            | H <sub>2</sub> S | 5,445             | 0                   | < 0.1 ppm           |
| Station 09 | HCN              | 5,445             | 0                   | < 1.0 ppm           |
|            | LEL              | 5,445             | 0                   | < 1.0 %             |
|            | VOCs             | 5,445             | 0                   | < 0.1 ppm           |
|            | СО               | 5,219             | 0                   | < 1.0 ppm           |
|            | $H_2S$           | 5,219             | 0                   | < 0.1 ppm           |
| Station 10 | HCN              | 5,219             | 0                   | < 1.0 ppm           |
|            | LEL              | 5,219             | 0                   | < 1.0 %             |
|            | VOCs             | 5,219             | 0                   | < 0.1 ppm           |
|            | СО               | 5,372             | 8                   | 2.0 - 12.0 ppm      |
|            | $H_2S$           | 5,372             | 0                   | < 0.1 ppm           |
| Station 11 | HCN              | 5,372             | 0                   | < 1.0 ppm           |
|            | LEL              | 5,372             | 0                   | < 1.0 %             |
|            | VOCs             | 5,372             | 1,519               | 0.1 - 0.7 ppm       |
|            | СО               | 5,515             | 0                   | < 1.0 ppm           |
|            | $H_2S$           | 5,515             | 0                   | < 0.1 ppm           |
| Station 12 | HCN              | 5,515             | 0                   | < 1.0 ppm           |
|            | LEL              | 5,515             | 0                   | < 1.0 %             |
|            | VOCs             | 5,515             | 2                   | 0.1 ppm             |
| Statica 12 | СО               | 5,381             | 12                  | 1.0 - 21.0 ppm      |
| Station 13 | H <sub>2</sub> S | 5,381             | 0                   | < 0.1 ppm           |

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|            | HCN              | 5,381 | 0   | < 1.0 ppm      |
|------------|------------------|-------|-----|----------------|
| _          | LEL              | 5,381 | 0   | < 1.0 %        |
| -          | VOCs             | 5,381 | 132 | 0.1 ppm        |
|            | СО               | 4,914 | 40  | 1.0 - 17.0 ppm |
| -          | H <sub>2</sub> S | 4,914 | 0   | < 0.1 ppm      |
| Station 14 | HCN              | 4,914 | 0   | < 1.0 ppm      |
| _          | LEL              | 4,914 | 0   | < 1.0 %        |
| -          | VOCs             | 4,914 | 832 | 0.1 ppm        |
|            | СО               | 5,237 | 2   | 2.0 - 3.0 ppm  |
| -          | H <sub>2</sub> S | 5,237 | 0   | < 0.1 ppm      |
| Station 15 | HCN              | 5,237 | 0   | < 1.0 ppm      |
| _          | LEL              | 5,237 | 0   | < 1.0 %        |
| _          | VOCs             | 5,237 | 4   | 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

| Unit       | Instrument | 24-Hour PM <sub>2.5</sub> NAAQS | Average $PM_{2.5}$ Concentration (mg/m <sup>3</sup> ) |
|------------|------------|---------------------------------|---|
| Station 2  | AM 520     | 0.035                           | 0.014   |
| Station 8  | AM520      | 0.035                           | 0.014   |
| Station 9  | AM520      | 0.035                           | 0.016   |
| Station 10 | AM520      | 0.035                           | 0.016   |
| Station 11 | AM520      | 0.035                           | 0.015   |
| Station 12 | AM520      | 0.035                           | 0.017   |
| Station 13 | AM520      | 0.035                           | 0.015   |
| Station 14 | AM520      | 0.035                           | 0.014   |
| Station 15 | AM520      | 0.035                           | 0.015   |

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

<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, 13, 14, and 15. There were no elevated average PM<sub>2.5</sub> concentrations observed in the community monitoring locations during this reporting period.



### 3.4 Analyte-Specific Action Levels

As part of the SAP, air monitoring action levels for were identified for air monitoring detections for which on-site incident management members should be notified. The action levels identified in the SAP are provided in **Table 6**.

|                         |           | Action                                  | n Levels                                    |
|-------------------------|-----------|---|---|
| Concentration Durations |           | Sustained for 5 Minutes                 | Sustained for 30 Seconds                    |
| Analyte                 | CAS       | Protective Action Criteria 1<br>(PAC-1) | ⅔ Protective Action Criteria 2<br>(½ PAC-2) |
| Sulfuric Acid           | 7664-93-9 | 0.05 ppm                                | 1.1 ppm                                     |
| Nitric Acid             | 7697-37-2 | 0.16 ppm                                | 12 ppm                                      |
| Hydrogen Cyanide        | 74-90-8   | 2 ppm                                   | 3.5 ppm                                     |
| Hydrogen Sulfide        | 7783-06-4 | 0.51 ppm                                | 13.5 ppm                                    |
| Chlorine                | 7782-50-5 | 0.5 ppm                                 | 1.0 ppm                                     |

#### Table 6: Analyte-Specific Action Levels Resulting in Stakeholder Notification

If any analyte exceeds the PAC-1 for 5 minutes and is confirmed with a secondary instrument or if any analyte exceeds ½ PAC-2 for 30 seconds, the CTEH monitoring personnel will immediately contact the CTEH Project Technical Director via a telephone call. The CTEH Project Technical Director will then notify a designated group of SPS representatives via group text message and individual phone calls for appropriate stakeholder notifications and emergency management decision-making.

During this reporting period, there were no action level exceedances of any analyte evaluated requiring notification of on-site incident management.

### 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.

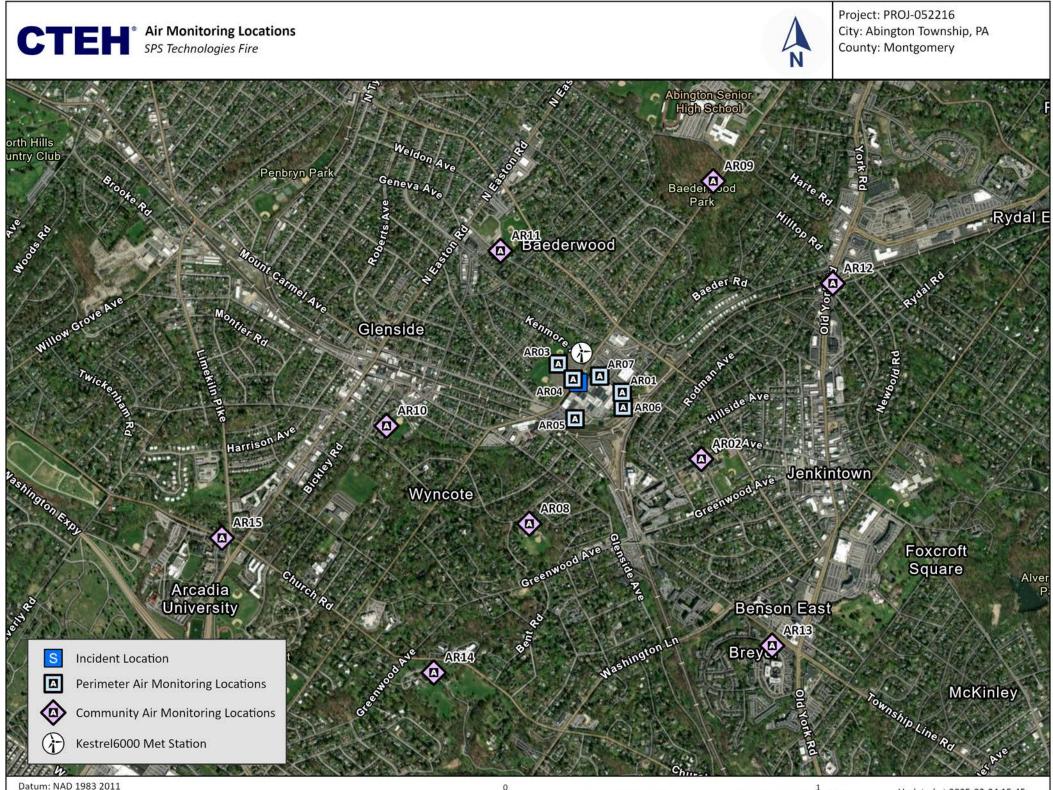


# Attachment A

Maps

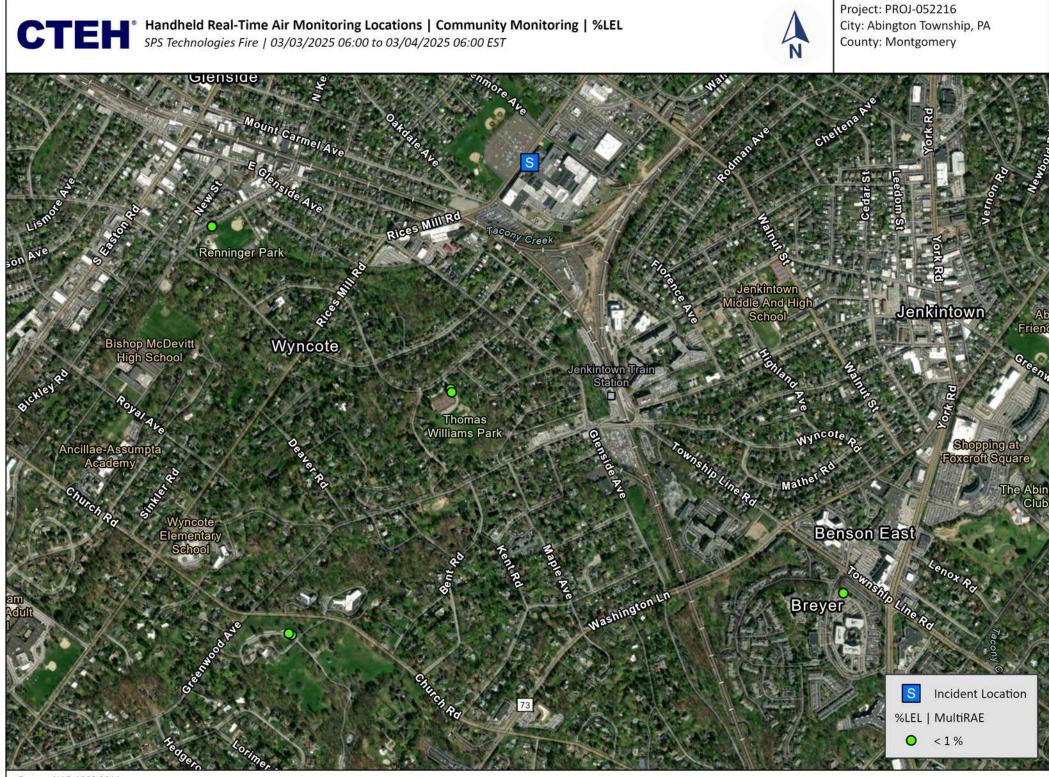




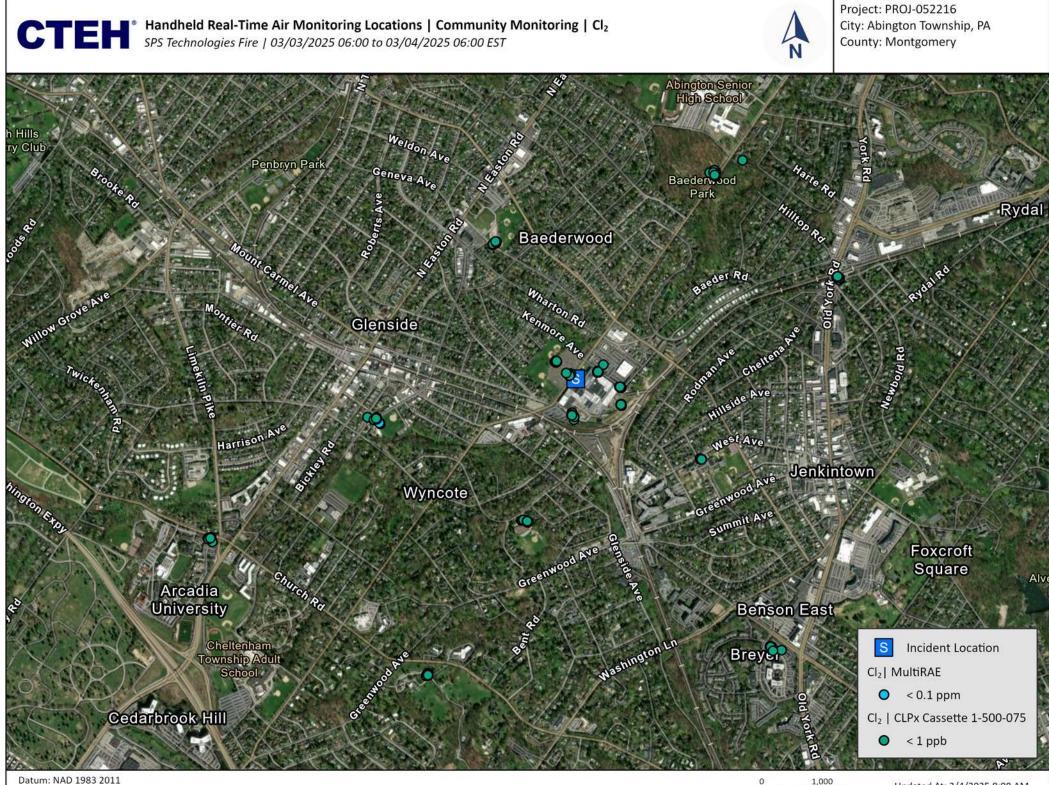


Projection: NAD 1983 2011 StatePlane Pennsylvania South FIPS 3702 Ft US

Miles



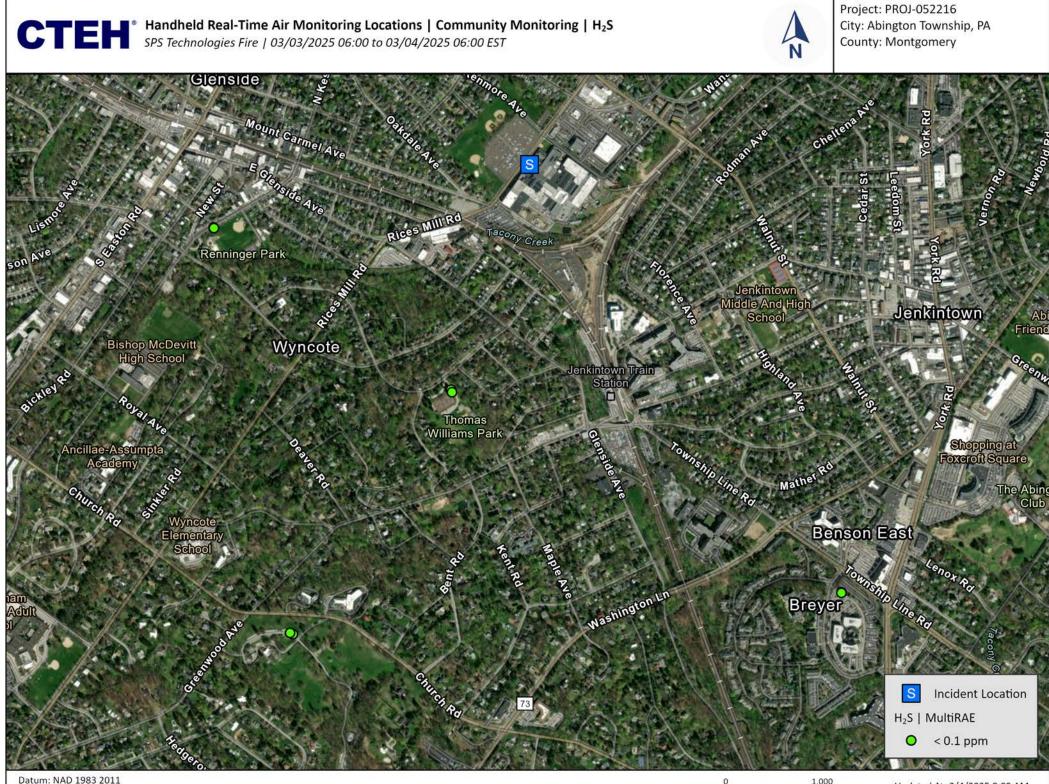
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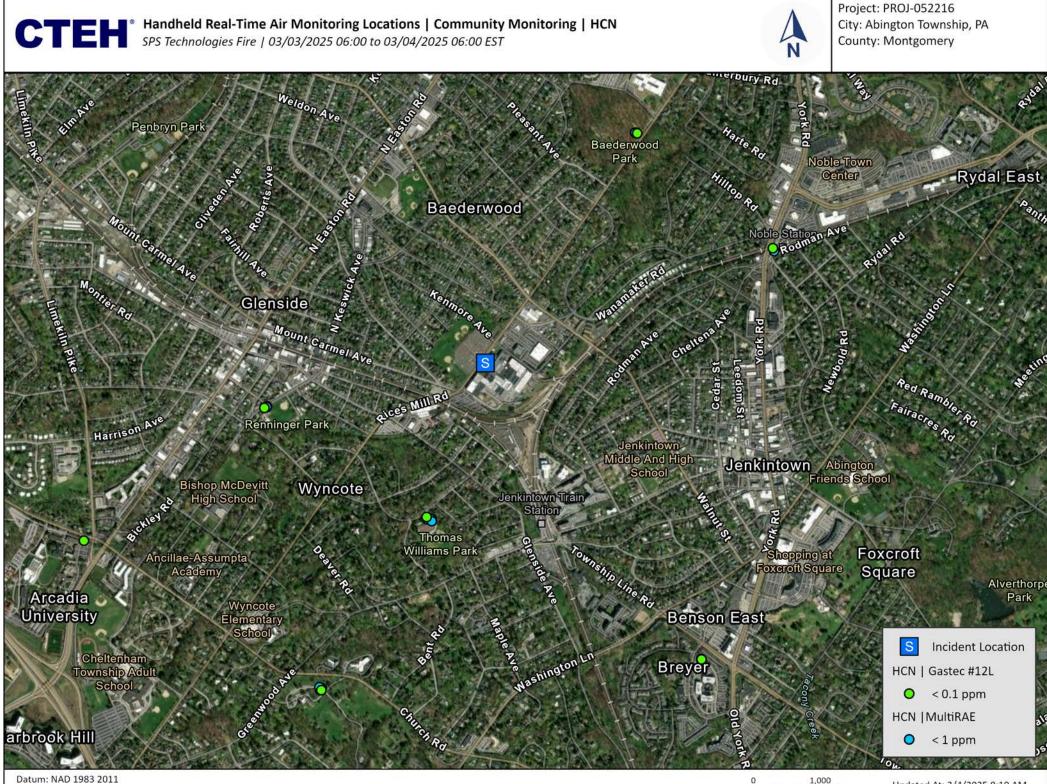


Projection: NAD 1983 2011 StatePlane Pennsylvania South FIPS 3702

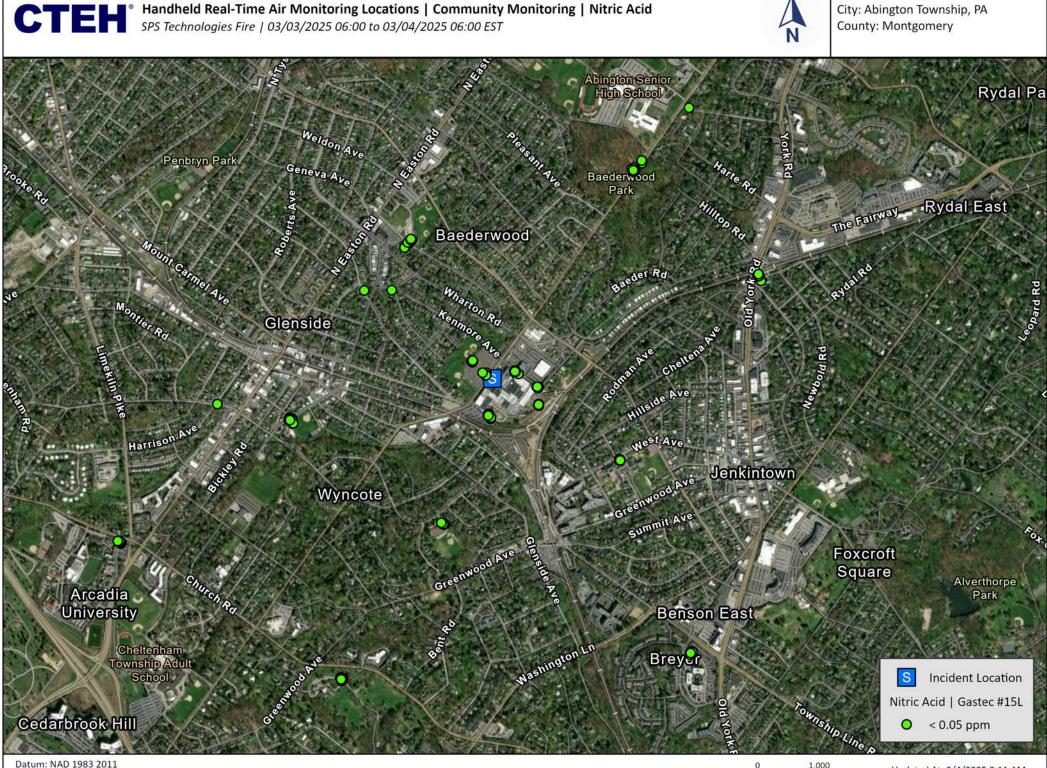
Feet

Updated At: 3/4/2025 8:08 AM





Updated At: 3/4/2025 8:10 AM

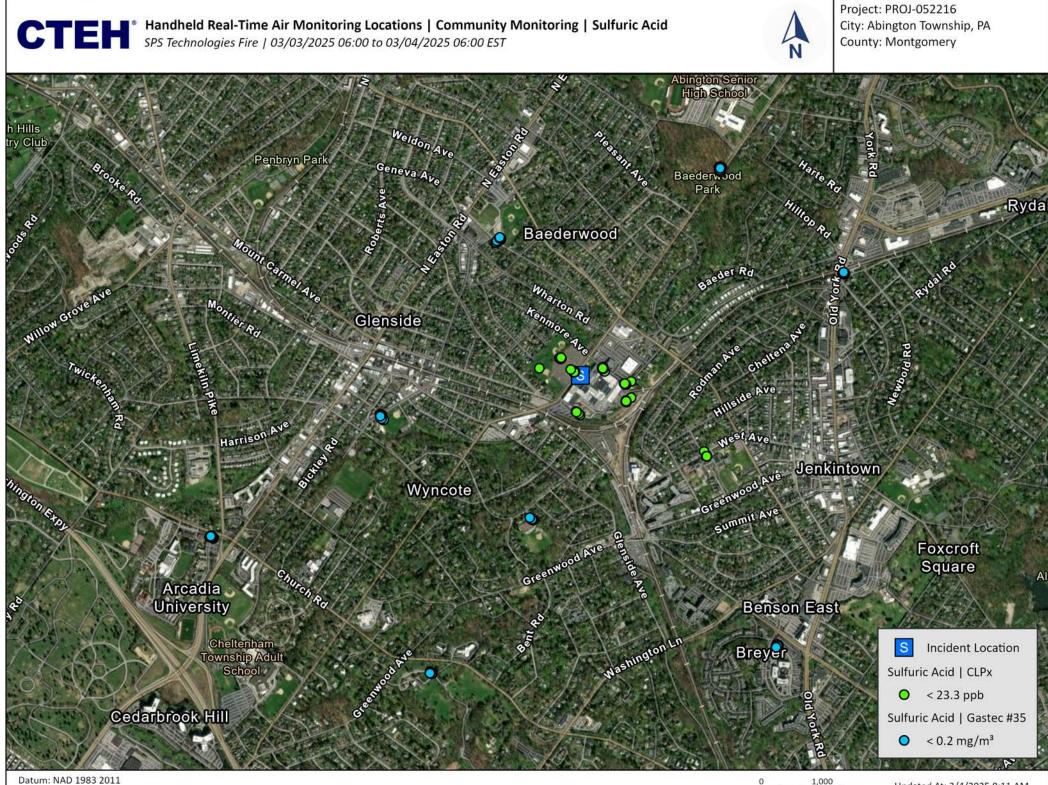


Projection: NAD 1983 2011 StatePlane Pennsylvania South FIPS 3702

0 1,000

Updated At: 3/4/2025 8:11 AM

Project: PROJ-052216



Projection: NAD 1983 2011 StatePlane Pennsylvania South FIPS 3702

Feet

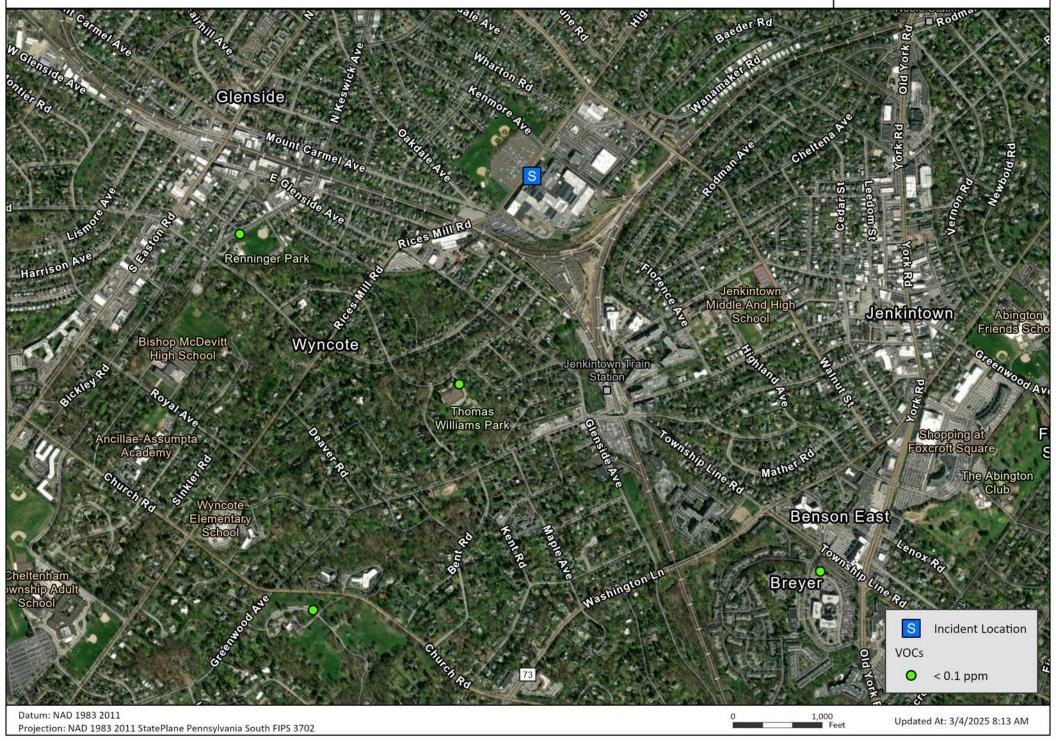
Updated At: 3/4/2025 8:11 AM



Handheld Real-Time Air Monitoring Locations | Community Monitoring | VOCs SPS Technologies Fire | 03/03/2025 06:00 to 03/04/2025 06:00 EST



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

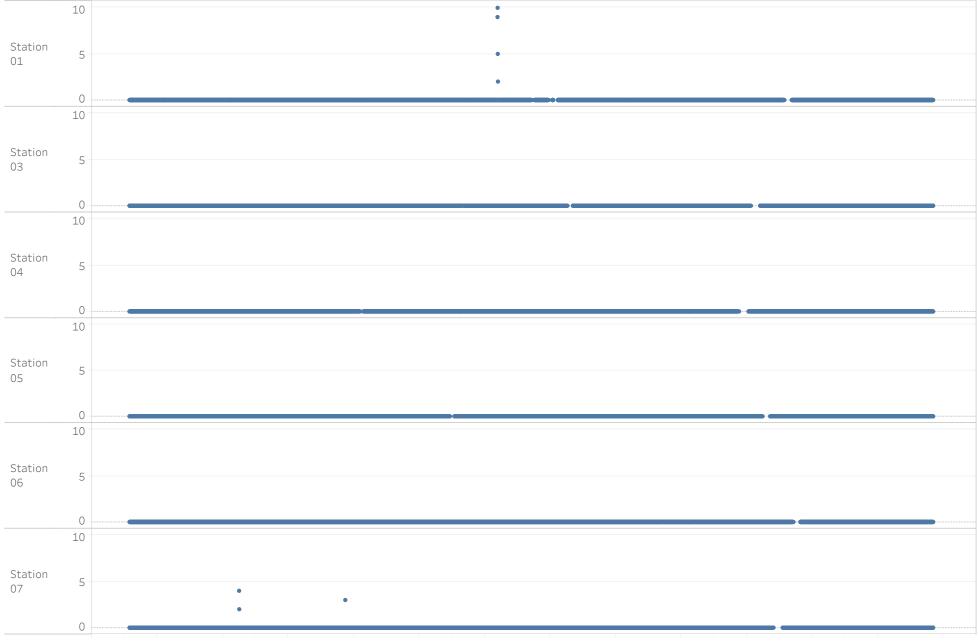


## Attachment B

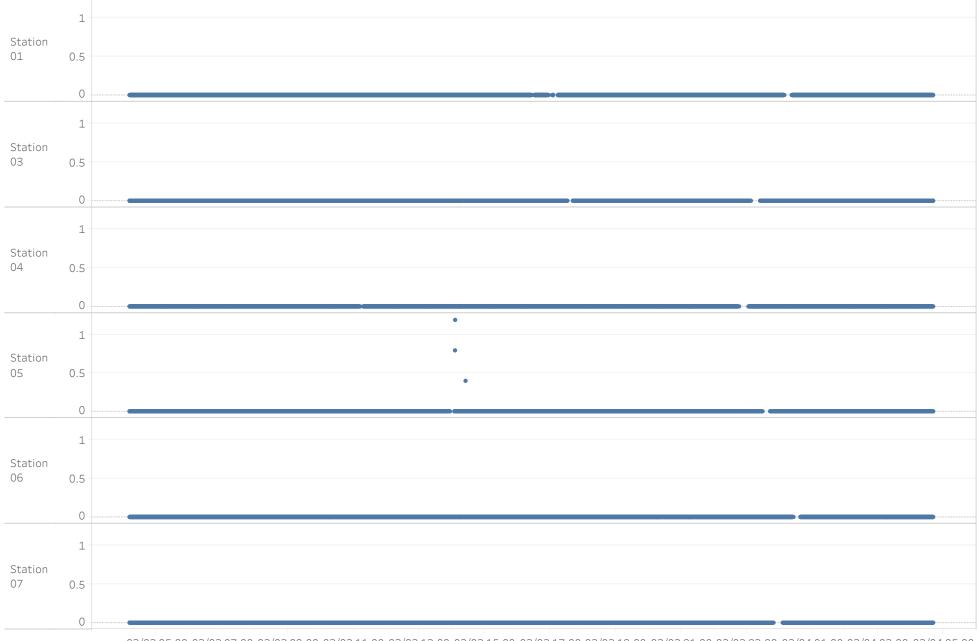
### Stationary Real-Time Perimeter Monitoring Graphs



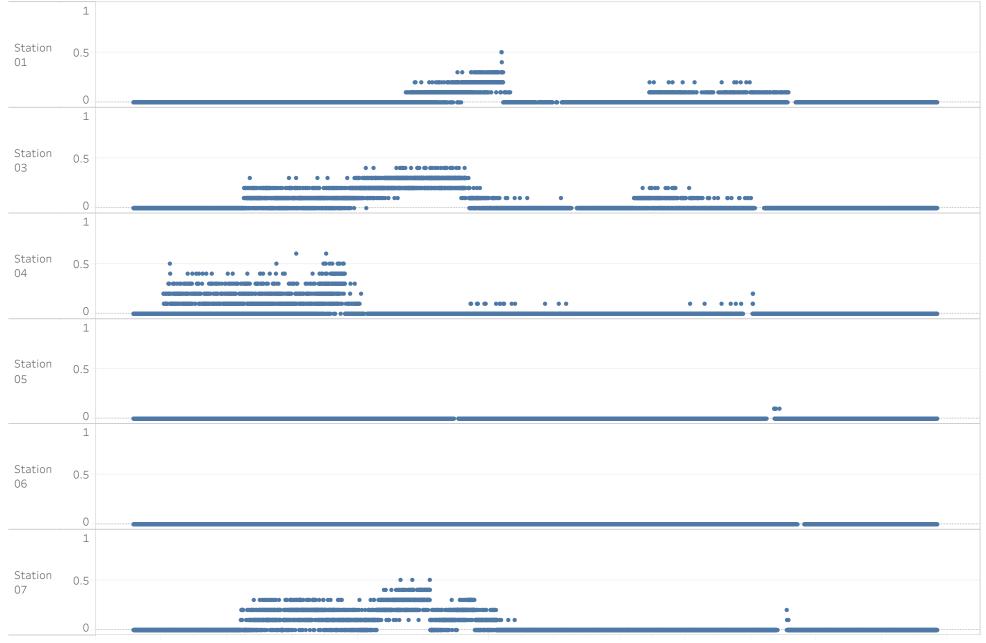
Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | SPS Technologies Fire | Abington Township, PA 3/3/2025 4:08:35 AM to 3/4/2025 4:40:23 AM | **Analyte: CO (ppm)** 



Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | SPS Technologies Fire | Abington Township, PA 3/3/2025 4:08:35 AM to 3/4/2025 4:40:23 AM | **Analyte: H2S (ppm)** 



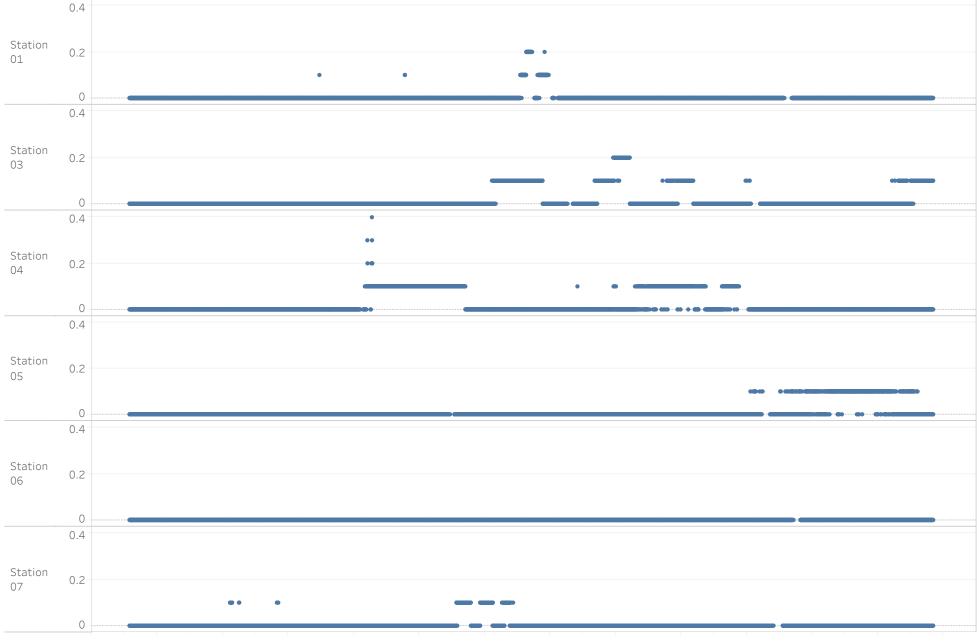
Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | SPS Technologies Fire | Abington Township, PA 3/3/2025 4:08:35 AM to 3/4/2025 4:40:23 AM | **Analyte: HCN (ppm)** 



Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | SPS Technologies Fire | Abington Township, PA 3/3/2025 4:08:35 AM to 3/4/2025 4:40:23 AM | Analyte: LEL (%)



Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | SPS Technologies Fire | Abington Township, PA 3/3/2025 4:08:35 AM to 3/4/2025 4:40:23 AM | **Analyte: VOCs (ppm)** 

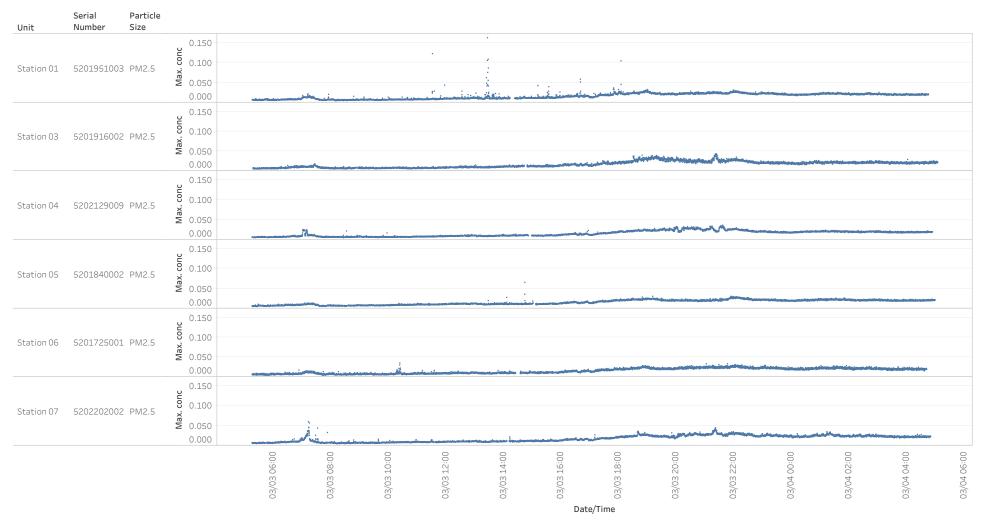


03/03 05:00 03/03 07:00 03/03 09:00 03/03 11:00 03/03 13:00 03/03 15:00 03/03 17:00 03/03 19:00 03/03 21:00 03/03 23:00 03/04 01:00 03/04 03:00 03/04 05:00

Local Time

### PROJ-052216 | PM2.5 Graph

SPS Technologies Fire | Abington Township, PA 03/03 05:17 to 03/04 05:06



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

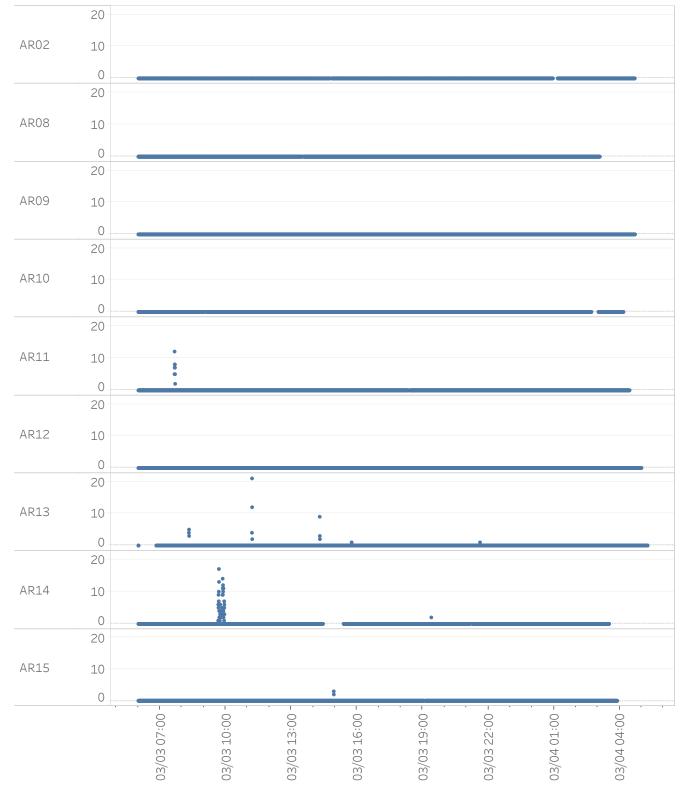
| Unit       | Particle Size | Count of<br>Records | Count of<br>Detections | Min.<br>concentration | Max.<br>concentration | Avg.<br>concentration |
|------------|---------------|---------------------|------------------------|-----------------------|-----------------------|-----------------------|
| Station 01 | PM2.5         | 5,620               | 5,620                  | 0.005                 | 0.163                 | 0.016                 |
| Station 03 | PM2.5         | 5,681               | 5,681                  | 0.005                 | 0.043                 | 0.016                 |
| Station 04 | PM2.5         | 5,651               | 5,651                  | 0.005                 | 0.036                 | 0.015                 |
| Station 05 | PM2.5         | 5,677               | 5,677                  | 0.005                 | 0.066                 | 0.016                 |
| Station 06 | PM2.5         | 5,591               | 5,591                  | 0.004                 | 0.035                 | 0.015                 |
| Station 07 | PM2.5         | 5,632               | 5,632                  | 0.005                 | 0.060                 | 0.017                 |

# Attachment C

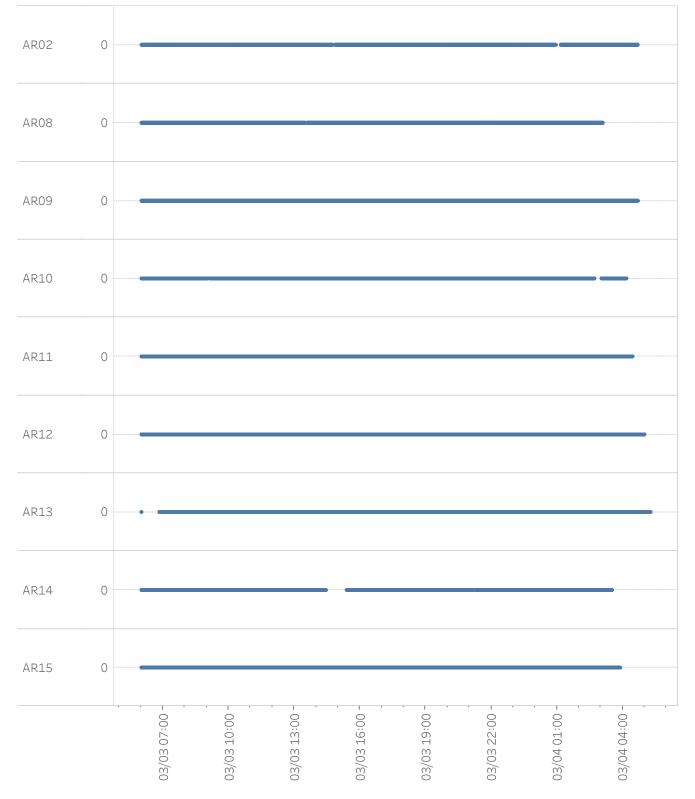
### Stationary Real-Time Community Monitoring Graphs



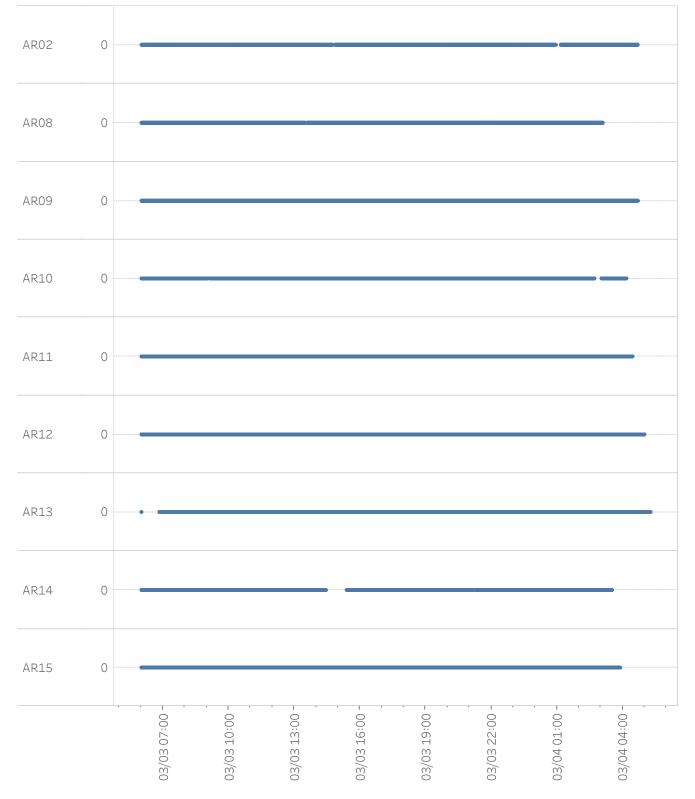
### Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | Expanded Community | SPS Technologies Fire | Abington Township, PA 3/3/2025 6:00:04 AM to 3/4/2025 5:15:46 AM | **Analyte: CO (ppm)**



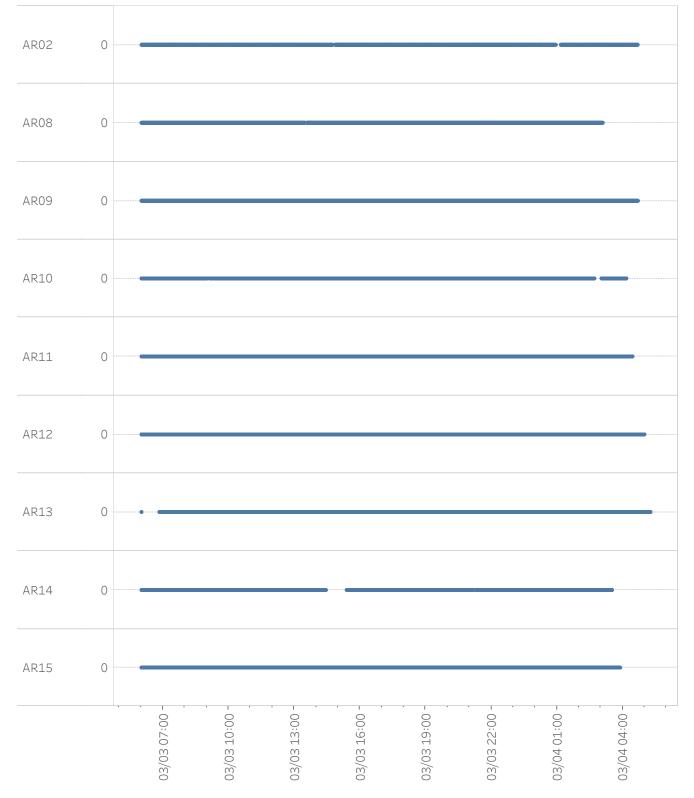
### Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | Expanded Community | SPS Technologies Fire | Abington Township, PA 3/3/2025 6:00:04 AM to 3/4/2025 5:15:46 AM | **Analyte: H2S (ppm)**



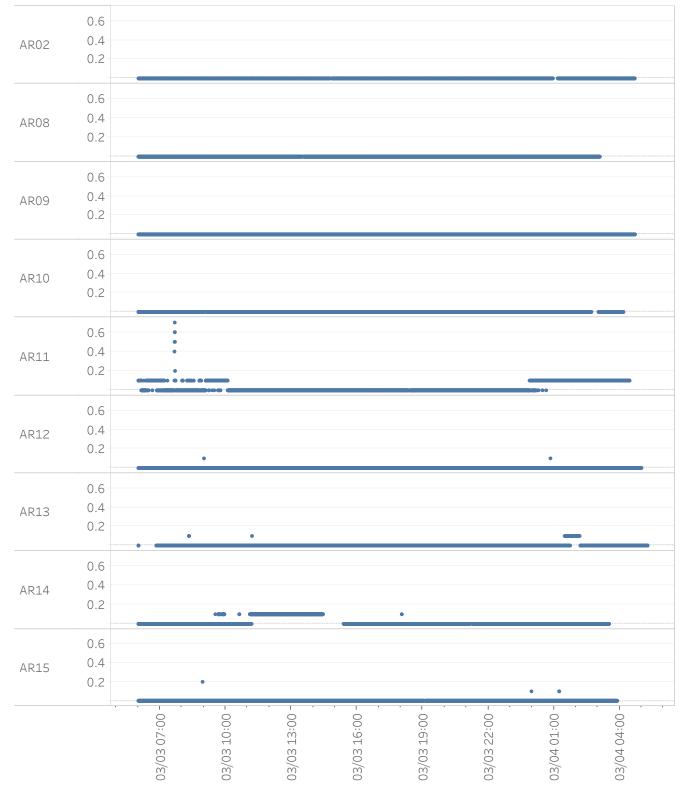
### Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | Expanded Community | SPS Technologies Fire | Abington Township, PA 3/3/2025 6:00:04 AM to 3/4/2025 5:15:46 AM | **Analyte: HCN (ppm)**



### Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | Expanded Community | SPS Technologies Fire | Abington Township, PA 3/3/2025 6:00:04 AM to 3/4/2025 5:15:46 AM | **Analyte: LEL (%)**

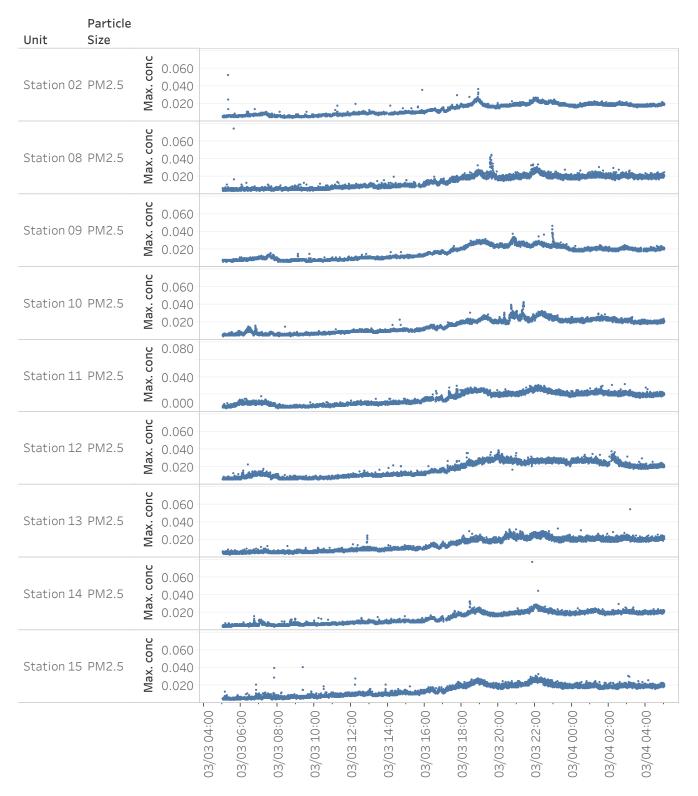


### Preliminary Fixed Station Real-time Air Monitoring Readings PROJ-052216 | Expanded Community | SPS Technologies Fire | Abington Township, PA 3/3/2025 6:00:04 AM to 3/4/2025 5:15:46 AM | **Analyte: VOCs (ppm)**



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

SPS Technologies Fire | Abington Township, PA 03/03 05:00 to 03/04 04:59



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

| Unit       | Particle Size | Count of<br>Records | Count of<br>Detections | Min.<br>concentration | Max.<br>concentration | Avg.<br>concentration |
|------------|---------------|---------------------|------------------------|-----------------------|-----------------------|-----------------------|
| Station 02 | PM2.5         | 5,719               | 5,719                  | 0.004                 | 0.053                 | 0.014                 |
| Station 08 | PM2.5         | 5,732               | 5,732                  | 0.004                 | 0.075                 | 0.014                 |
| Station 09 | PM2.5         | 5,701               | 5,701                  | 0.006                 | 0.047                 | 0.016                 |
| Station 10 | PM2.5         | 5,708               | 5,708                  | 0.004                 | 0.043                 | 0.016                 |
| Station 11 | PM2.5         | 5,721               | 5,721                  | 0.004                 | 0.032                 | 0.015                 |
| Station 12 | PM2.5         | 5,705               | 5,705                  | 0.006                 | 0.039                 | 0.017                 |
| Station 13 | PM2.5         | 5,720               | 5,720                  | 0.003                 | 0.055                 | 0.015                 |
| Station 14 | PM2.5         | 5,713               | 5,713                  | 0.004                 | 0.078                 | 0.014                 |
| Station 15 | PM2.5         | 5,714               | 5,714                  | 0.004                 | 0.041                 | 0.015                 |

# Attachment D

### **Meteorological Conditions**



