

Table 1  
Community Continuous Air Monitoring Results  
East Palestine Derailment Site  
East Palestine, Columbiana County, Ohio

**Monitoring Period: 08/16/2023 00:00 through 08/17/2023 09:51**

Air Monitoring Instrument: Serial Number	Analyte	Screening Level <sup>1</sup>	Screening Level Exceeded?	8-hour Period Concentration Range	Average of All 8-hour Periods
8533230504	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 (mg/m <sup>3</sup> )	Yes <sup>2</sup>	0.021 to 0.043	0.032
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.070 (mg/m <sup>3</sup> )	No	0.022 to 0.048	0.035
W01B00002220	VOC (ppm)	0.5 (ppm)	No	0.00 to 0.00	0.00

**Notes:**

<sup>1</sup> Site-Specific Screening Levels stated in the Tetra Tech Air Monitoring and Sampling Plan. Screening levels were modified

<sup>2</sup> Vehicle traffic observed during monitoring period near monitoring instrument.

Air monitoring measurements have been averaged over a 8-hour time period and summarized above.

Air monitoring is not performed during inclement weather conditions/rain and thunderstorms.

**Abbreviations:**

mg/m<sup>3</sup> - milligrams per meter cubed

PM<sub>2.5</sub> - Particulate Matter, diameter 2.5 micrometers and smaller

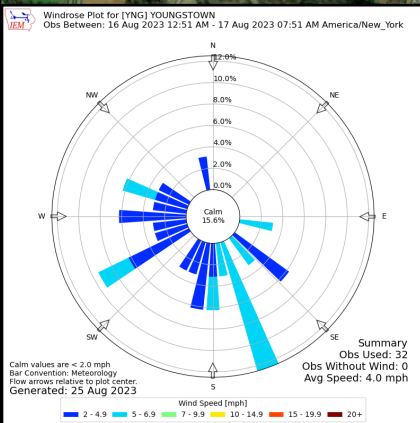
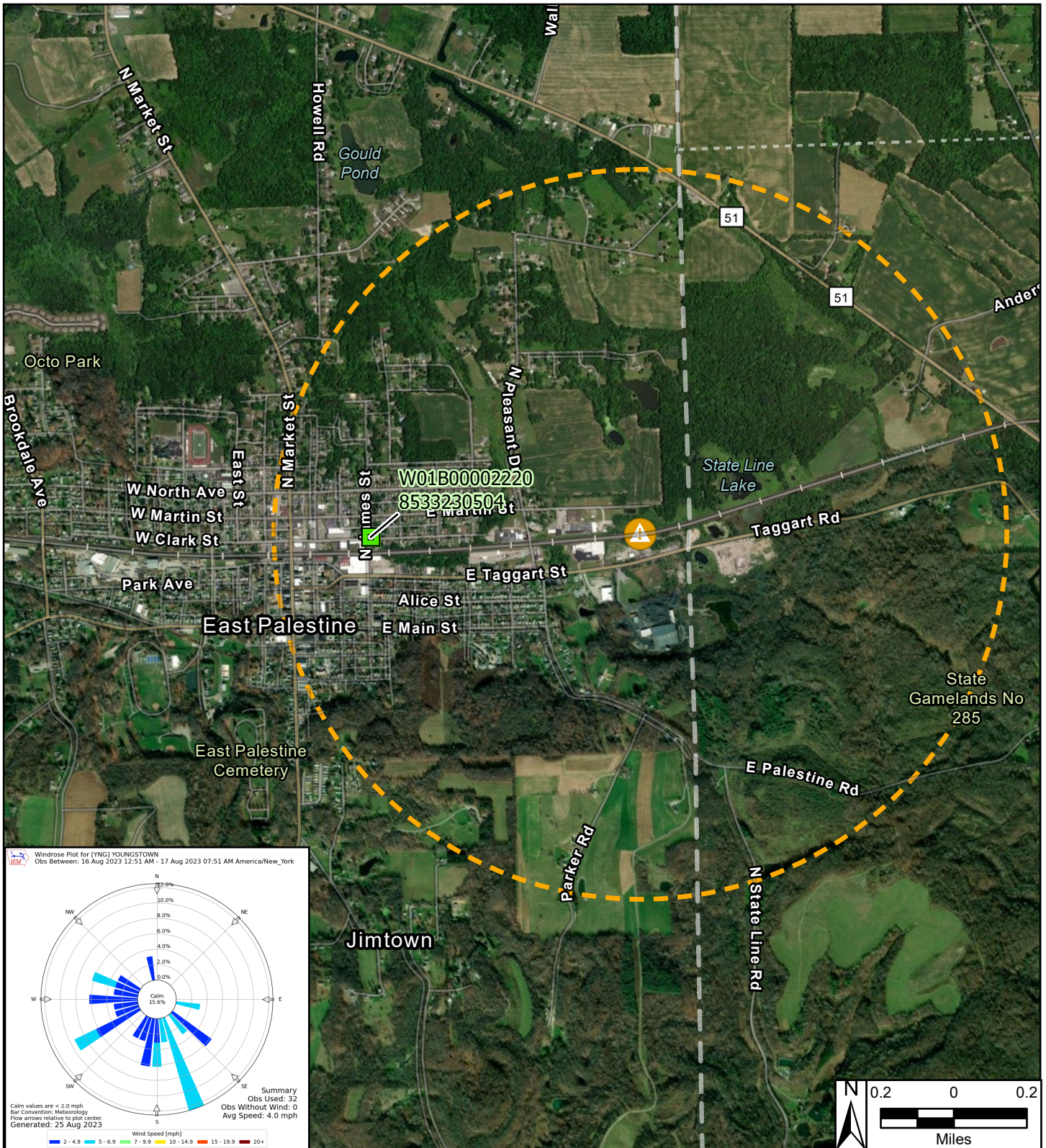
PM<sub>10</sub> - Particulate Matter, diameter 10 micrometers and smaller

ppm - Parts per million

S/N - Serial number

VOC - Volatile organic compound

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- Legend**
- Continuous Air Monitoring Locations with DustTrak
  - Continuous Air Monitoring Locations
  - One Mile Radius
  - ▲ Derailment Location

East Palestine Derailment ER Site  
 East Palestine, Columbiana County, OH 44413

**Figure 1**  
**Continuous Air Monitoring Community Stations**

**TETRA TECH**

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