



Shell Chemical Appalachia LLC
300 Frankfort Rd
Monaca, PA 15061

June 13, 2024

BY ELECTRONIC MAIL

Mark Gorog P.E., Regional Manager Air Quality Program
Pennsylvania Department of Environmental Protection
Southwest Regional Office
400 Waterfront Drive
Pittsburgh, PA 15222

RE: Shell Chemical Appalachia LLC Submittal of Monthly Emissions Report due June 2024

Dear Mark:

Shell Chemical Appalachia LLC (Shell), located in Beaver County, Pennsylvania is submitting this Monthly Emission Report to the Pennsylvania Department of Environmental Protection (PADEP) in accordance with the May 24, 2023, Consent Order and Agreement (COA) with respect to Paragraph 6 of the Order.

This submittal includes:

- Cumulative 12-month emissions data through end of May 2024 (see COA Exhibit A).
- Emission factors, assumptions, and calculation protocol.
- Malfunctions through May 2024.
- Fence Line Monitoring data for May 2024 and monitoring locations map.

Please note the following:

- Emissions data are continually being refined to reflect more accurate data that have become available where applicable.
- The site-wide 12-month actual cumulative emissions are compliant for Volatile Organic Compounds (VOCs) and Carbon Monoxide (CO), and Hazardous Air Pollutants (HAPs) are with the permit limits in the Plan Approval.
- For this month, NOx site-wide 12-month actual cumulative emissions are non-compliant with the permit limit in the Plan Approval.

Finally, I certify these data are accurate based on reasonable belief and inquiry.

If you have any questions or comments concerning this information, please feel free to contact me at william.watson@shell.com, or kimberly.kaal@shell.com.

Sincerely,

A handwritten signature in black ink, appearing to read "W. H. Watson". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

William Watson
Operations Manager

CC: Michael J. Heilman, Litigation Coordinator
Jim Miller, SW Regional Director
Elizabeth Speicher, Environmental Group Manager
Scott Beaudway, Air Quality Specialist
Pierre Espejo, Shell Senior Legal Counsel
Martin Padilla, Health, Safety, Security and Environment Manager
J.J. Howell, Production Manager
Kimberly Kaal, Environmental Manager

SHELL POLYMERS MONACA
AIR EMISSIONS PROTOCOL for PADEP's INVENTORY PROGRAM
Date: as of June 6, 2024

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
<ul style="list-style-type: none"> • 031: Ethane Cracking Furnace #1 • 032: Ethane Cracking Furnace #2 • 033: Ethane Cracking Furnace #3 • 034: Ethane Cracking Furnace #4 • 035: Ethane Cracking Furnace #5 • 036: Ethane Cracking Furnace #6 • 037: Ethane Cracking Furnace #7 <p>Main Burners Fuel Gas (Tail Gas, Natural Gas or Mixture of Tail gas and Natural Gas)</p> <p>Rated Capacity: 620 MMBtu/hr, each</p>	<ol style="list-style-type: none"> 1. NOx, CO: CEMS analyzer hourly-block average output/Certified CEMS data. 2. PM-filt [all operating modes except decoke]: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors to be developed after stack testing. 3. PM10, PM 2.5 [all operating modes except decoke]: Vendor Data at 0.005 lb/MMBtu [Feb. 2020 Update Plan Approval Application]. Site-specific emission factors to be developed after stack testing. 4. PM-filt, PM10, PM2.5 [de-coking]: 1.86 lbs/hr / 180 MMBtu/hr = 0.0103 lb/MMBtu (preliminary vendor data at 1.86 lbs/hr and estimated heat input during decoking). [Feb. 2020 Update Plan Approval Application]. Site-specific emission factors to be developed after stack testing. 5. PM-cond [all operating modes but decoke]: PM – PM filt. PM-cond emissions are negligible. 6. VOC: LAER emission factor at 0.0019 lb/MMBtu. [Feb. 2020 Update Plan Approval Application]. Site-specific emission factors to be developed after stack testing. 7. SO2: material balance based on mass of fuel gas combusted, taking out the H2 portion of the mass and using the sulfur content in natural gas. Equation: $FUEL\ GAS\ MASS - H2\ (WT\%) / 100 * S\ CONTENT\ (WT\%) / 100 * MW\ SO2 / MW\ S$. 8. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 9. Total HAPs (minus lead and E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors to be developed after stack testing. 10. Lead: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998, but only considering the natural gas portion by removing the H2 content in the HHV of the fuel gas, consistent with the Feb. 2020 Plan Approval Application. 11. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr (highest of external combustion factor). VCAPCD AB2588 combem[2].pdf 12. NH3 (ammonia slip): In-stack analyzer data. 13. CO2: Material balance based on mass of fuel gas combusted and carbon content in fuel. Equation: $FUEL\ GAS\ MASS * C\ CONTENT\ (WT\%) / 100 * MW\ CO2 / MW\ C$. 14. CH4: 40 CFR Part 98 Subpart C Table C-2 emission factor for natural gas, but only considering the natural gas portion by removing the H2 content in the HHV of the fuel gas, consistent with the Feb. 2020 Plan Approval Application. 15. N2O: 40 CFR Part 98 Subpart C Table C-2 emission factor for natural gas. 	<p>PI Inputs</p> <ol style="list-style-type: none"> 1. Fuel Gas Mass Combusted Burners A-D (kg/hr) 2. Fuel Gas Mass Combusted Burners E-H (kg/hr) 3. Fuel Gas Composition (% mol) 4. NG Sulfur (S) Content (ppmv), converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf 5. NOx, CO Analyzer Data (Block Average) (lbs/hr) 6. NH3 Analyzer Data (ppmvd) 7. Feed Rate Ethane (tonne/hr) 8. Decoke Status (Open/Closed) 9. Coil temperature (C) 10. Furnace O2 % <p>Calculated/Miscellaneous Inputs</p> <ol style="list-style-type: none"> 1. Fuel Gas Molecular Weight: Fuel Gas Composition and Standard Molecular Weight of Constituents 2. HHV of Fuel Gas: Fuel Gas Composition and Standard Heat of Combustion for Constituents 3. % Carbon by weight and % H2 by weight: Fuel Gas Composition 4. Heat Rate of Fuel Gas: Fuel Gas Mass and HHV of Fuel Gas 5. H2 HHV Heat Release in Fuel Gas: H2 Composition (%mol), H2 Molecular Weight, Fuel Gas Molecular Weight, Fuel Gas HHV, H2 Heat of Combustion 6. Furnace Operating Mode <ol style="list-style-type: none"> a. Normal Mode: Feed Rate Ethane > 43 tonne/hr b. Feed In/Out Mode: Feed Rate Ethane < 43 tonne/hr c. Hot Steam Standby Mode: Furnace feed <0.1 tonne/hr d. Decoke Mode: Open/Closed e. SU/SD Mode: Coil temperature <750
<ul style="list-style-type: none"> • 031: Ethane Cracking Furnace #1 • 032: Ethane Cracking Furnace #2 • 033: Ethane Cracking Furnace #3 • 034: Ethane Cracking Furnace #4 • 035: Ethane Cracking Furnace #5 • 036: Ethane Cracking Furnace #6 • 037: Ethane Cracking Furnace #7 <p>Pilots (Natural Gas)</p>	<ol style="list-style-type: none"> 1. NOx, CO: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998 until CEMS is online and verified. 2. PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. 3. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf 4. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $NG\ FUEL\ MASS * S\ CONTENT\ NG\ (WT\%) / 100 * MW\ SO2 / MW\ S$. 5. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 6. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $NG\ FUEL\ MASS * C\ CONTENT\ (WT\%) / 100 * MW\ CO2 / MW\ C$. 7. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 8. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<p>PI Inputs</p> <ol style="list-style-type: none"> 1. Pilot Natural Gas Mass Combusted (kg/hr) 2. Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density 3. Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) 4. Natural Gas Composition C1 – C6+ (%mol) 5. Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <p>Calculated/Miscellaneous Inputs</p> <ol style="list-style-type: none"> 1. Heat Rate (MMBtu/hr) of Pilot: Pilot Natural Gas Mass and Natural Gas HHV 2. Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
<ul style="list-style-type: none"> 101: Combustion Turbine/Duct Burner Unit #1 102: Combustion Turbine/Duct Burner Unit #2 103: Combustion Turbine/Duct Burner Unit #3 	<ol style="list-style-type: none"> NOx, CO: Certified CEMS using analyzer data and 40 CFR Part 75 Appendix D and F equations. NH3 (ammonia slip): In-stack analyzer data when feasible. PM-filt, PM-cond, PM10, PM2.5: Stack test factors (most recent). VOC: Stack test factors (most recent). HCHO (formaldehyde), benzene, toluene: Stack test factors developed from retest Nov/Dec 2022 using approved alternative test methods with lower detection limits. Total HAPs (minus formaldehyde, benzene, toluene): AP-42, Chapter 3.1, "Stationary Gas Turbines", 4/2000. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $NG \text{ FUEL MASS} * S \text{ CONTENT NG (WT\%)} / 100 * MW \text{ SO}_2 / MW \text{ S}$. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $NG \text{ FUEL MASS} * C \text{ CONTENT (WT\%)} / 100 * MW \text{ CO}_2 / MW \text{ C}$. CH4, N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<p><u>PI Inputs</u></p> <ol style="list-style-type: none"> Fuel Gas Mass Combusted Combustion Turbine (tonne/hr) Fuel Gas Mass Combusted Duct Burners (tonne/hr) Natural Gas HHV (Btu/scf), converted to Btu/lb Natural Gas Composition C1 – C6+ (%mol) Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> Total Heat Input: Natural Gas Mass Rate and Natural Gas HHV Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition
<p>105: Diesel-Fired Emergency Generator Engines (2 unit)</p> <ul style="list-style-type: none"> Parking Garage Diesel Generator, 103 bhp, Cummins QSB5-G3 Communications Tower Diesel Generator, 67 bhp, Kohler KDI 3404 TM 	<ol style="list-style-type: none"> NOx, CO, HC (VOC), PM-filt: Manufacturer Data Sheet (g/bhp). PM10, PM2.5: AP-42, Appendix B.2, "Generalized Particle Size Distribution", 9/90, $PM_{10} = 0.96 * PM$ and $PM_{2.5} = 0.90 * PM$. PM-cond: AP-42, Chapter 3.4, "Large Stationary Diesel and All Stationary Dual-Fuel Engines, 10/96. SO2: Material balance based on estimated diesel mass and fuel sulfur content of diesel. Equation: $DIESEL \text{ MASS} * S \text{ CONTENT DIESEL (ppmw)} / 10000 \text{ ppmw} / 100 * MW \text{ SO}_2 / MW \text{ S}$. HAP: AP-42, Chapter 3.3, "Gasoline and Diesel Industrial Engines", 10/96. CO2: 40 CFR Part 98 Subpart C, Table C-1 emission factor for Distillate Fuel Oil No. 2. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. 	<p><u>Data Inputs</u></p> <ol style="list-style-type: none"> Operating Hours – collected internally on monthly basis Brake Specific Fuel Consumption: 7,000 Btu/hp-hr (AP-42 Chapter 3.3) Diesel HHV: 139,600 Btu/gal Diesel Density: 7.674 lb/gal Sulfur Content of Diesel: 15 ppmw <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> Heat Input (MMBtu/hr): Engine capacity and BSFC Hourly Fuel Consumption: Heat Input and Diesel HHV
<p>106: Fire Pump Engines (2 units)</p> <ul style="list-style-type: none"> Fire Pump A (Diesel), 488 hp, Cummins CFP15E-F10 Fire Pump B (Diesel), 488 hp, Cummins CFP15E-F10 	<ol style="list-style-type: none"> NOx, CO, NMNH (VOC), PM-filt: Manufacturer Data Sheet (g/bhp). PM10, PM2.5: AP-42, Appendix B.2, "Generalized Particle Size Distribution", 9/90, $PM_{10} = 0.96 * PM$ and $PM_{2.5} = 0.90 * PM$. PM-cond: AP-42, Chapter 3.4, "Large Stationary Diesel and All Stationary Dual-Fuel Engines, 10/96. SO2: Material balance based on estimated diesel mass and fuel sulfur content of diesel. Equation: $DIESEL \text{ MASS} * S \text{ CONTENT DIESEL (ppmw)} / 10000 \text{ ppmw} / 100 * MW \text{ SO}_2 / MW \text{ S}$. HAP: AP-42, Chapter 3.3, "Gasoline and Diesel Industrial Engines", 10/96. CO2: 40 CFR Part 98 Subpart C, Table C-1 emission factor for Distillate Fuel Oil No. 2. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. 	<p><u>Data Inputs</u></p> <ol style="list-style-type: none"> Operating Hours – collected internally on monthly basis Brake Specific Fuel Consumption: 7,000 Btu/hp-hr (AP-42 Chapter 3.3) Diesel HHV: 139,600 Btu/gal Diesel Density: 7.674 lb/gal Sulfur Content of Diesel: 15 ppmw <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> Heat Input (MMBtu/hr): Engine capacity and BSFC Hourly Fuel Consumption: Heat Input and Diesel HHV
<p>107: Natural Gas Fired Emergency Generator Engines (3)</p> <ul style="list-style-type: none"> Backup Generator Lift Station A, 50 bhp, GM Vortec 3.0L I-4 (4SLB) Backup Generator Intermediate Lift Station, 158 bhp, GM Vortec 5.7L V-8 (4SRB) PGT Building (Shell Visitor Center Backup Generator), 113 bhp, GM 5.7L V-8 (4SLB) 	<ol style="list-style-type: none"> NOx + THC (assumed NOx), CO, CO2: Manufacturer Data Sheet (g/bhp). VOC, SO2, PM-filt, PM-cond, PM10, PM2.5, HAP, CH4, CO2 (Intermediate Lift Station Only for CO2): AP-42, Chapter 3.2, "Natural Gas-Fired Reciprocating Engines", 7/2000. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<p><u>Data Inputs</u></p> <ol style="list-style-type: none"> Operating Hours – collected internally on monthly basis Maximum fuel consumption: provided on Manufacturer Data Sheets (scf/hr) Natural Gas HHV: 1000 Btu/scf <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> Heat Input (MMBtu/hr): Maximum fuel consumption and Natural Gas HHV

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
204: Low Pressure (LP) Header System Continuous Vent Thermal Oxidizer (CVTO) Process Vents	<ol style="list-style-type: none"> NOx: 0.068 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. PM10 and PM2.5: 0.0075 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{VOC CONTENT (WT\%)} / 100 * (1-\text{DRE})$. SO2: Material balance based on mass of vent gas flared and sulfur content in vent gas to flare. Equation: $\text{VENT GAS MASS TO FLARE} * \text{S CONTENT (WT\%)} / 100 * \text{MW SO}_2 / \text{MW S}$. PM-filt, PM-cond, Total HAPs (except e-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors for HAPs to be developed after stack testing. n-Hexane: <ol style="list-style-type: none"> Product of combustion: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf Waste Gas: Material balance based on mass of vent gas recovery (VGR) of PE1/PE2 units and C6 inert composition, assuming all C6 inerts are n-hexane, or other assumptions after review from Production Group. VOC destruction efficiency used for outlet n-hexane emissions. Waste Gas HAPS from LGO/PFO Storage Tank Releases: ProMax derived emission factor. CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C} * \text{DRE}$. CH4: Material balance based on quantity of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{CH}_4 \text{ CONTENT (WT\%)} / 100 * (1-\text{DRE})$. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. Thermal Oxidizer DRE: 99.9% John Zink Design Specification, 1/4/2018. 	PI Inputs <ol style="list-style-type: none"> CVTO/MPGF CVTO Trip Header Vent Gas Mass (kg/hr) MPGF CVTO Trip Header Vent Gas Mass (kg/hr) CVTO/MPGF CVTO Trip Header Vent Gas Composition (% mol) CVTO/MPGF CVTO Trip Header Vent Gas Sulfur Content (% wt) PE 1 and PE 2 VGR Mass Flow (kg/hr) PE 1 and PE 2 VGR C6 inert composition (% mol) LGO/PFO Blower Run Status Calculated/Miscellaneous Inputs <ol style="list-style-type: none"> CVTO Vent Gas Mass: CVTO/MPGF CVTO Trip Header Vent Gas Mass – MPGF CVTO Trip Header Vent Gas Mass Molecular Weight of CVTO/MPGF Trip Header Vent Gas: CVTO/MPGF CVTO Trip Header Vent Gas Composition and Standard Molecular Weight of Constituents. HHV of CVTO/MPGF CVTO Trip Header Vent Gas: CVTO/MPGF Trip Header Vent Gas Composition and Standard Heat of Combustion for Constituents. % Carbon by weight: CVTO/MPGF CVTO Trip Header Vent Gas Composition Heat Input of CVTO Vent Gas: CVTO Vent Gas Mass and HHV of CVTO/MPGF Header 3
204: Low Pressure (LP) Header System Continuous Vent Thermal Oxidizer (CVTO) Primary Firing Fuel (Natural Gas)	<ol style="list-style-type: none"> NOx, 0.068 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. PM10 and PM2.5: 0.0075 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. PM-filt, PM-cond, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors for HAPs to be developed after stack testing. n-Hexane: 0.0046 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, 10-100 MMBtu/hr). VCAPCD AB2588 combem[2].pdf SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $\text{NG FUEL MASS} * \text{S CONTENT NG (WT\%)} / 100 * \text{MW SO}_2 / \text{MW S}$. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $\text{NG FUEL MASS} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C}$. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	PI Inputs <ol style="list-style-type: none"> Natural Gas Flow Rate (Nm3/hr) Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) Natural Gas Composition C1 – C6+ (%mol) Natural Gas Sulfur (S) Content (ppmv), converted to wt %by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf Calculated/Miscellaneous Inputs <ol style="list-style-type: none"> Natural Gas Mass: Calculated using Natural Gas Flow Rate and Density of Natural Gas Heat Rate (MMBtu/hr): Natural Gas Mass and Natural Gas HHV Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
204: Low Pressure (LP) Header System Continuous Vent Thermal Oxidizer (CVTO) Pilot (Natural Gas)	<ol style="list-style-type: none"> NOx, CO, PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $NG\ FUEL\ MASS * S\ CONTENT\ NG\ (WT\%) / 100 * MW\ SO2 / MW\ S$. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $NG\ FUEL\ MASS * C\ CONTENT\ (WT\%) / 100 * MW\ CO2 / MW\ C$. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<u>PI Inputs</u> <ol style="list-style-type: none"> Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) Natural Gas Composition C1 – C6+ (%mol) Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Pilot Heat Rate: Constant at 0.5023 MMBtu/hr based on design specifications Natural Gas Mass: Calculated using Pilot Heat Input, HHV of Natural Gas Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition
204: Low Pressure (LP) Header System Multipoint Ground Flare (MPGF) PE 1/PE 2 Episodic Header (Supplemental gas added with vent gas if needed)	<ol style="list-style-type: none"> NOx and CO: AP-42, Chapter 13.5, "Industrial Flares", 2/2018. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * VOC\ CONTENT\ (WT\%) / 100 * (1-DRE)$. SO2: Material balance based on mass of vent gas flared and sulfur content in vent gas to flare. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * S\ CONTENT\ (WT\%) / 100 * MW\ SO2 / MW\ S$. PM-filt, PM-cond, PM10, PM2.5, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. n-Hexane: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * C\ CONTENT\ (WT\%) / 100 * MW\ CO2 / MW\ C * DRE$. CH4: Material balance based on quantity of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * CH4\ CONTENT\ (WT\%) / 100 * (1-DRE)$. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. Flare DRE: 99% DRE for compounds containing three (3) or fewer carbon atoms and 98% for compounds with greater than three (3) carbon atoms, Texas Commission on Environmental Quality Air Permits Division, "New Source Review (NSR) Emission Calculations" (APD-ID 6v1, Revised March 2021). 	<u>PI Inputs</u> <ol style="list-style-type: none"> Vent Gas Mass to Flare – MPGF PE1/PE2 Header (kg/hr) Supplemental Natural Gas Flow to Flare (Nm3/hr). Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) Total Vent Gas to Flare Composition (% mol), includes supplemental natural gas Total Vent Gas to Flare Sulfur Content (% wt), includes supplemental natural gas <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Molecular Weight of Total Vent Gas to Flare: Total Vent Gas to Flare Composition and Standard Molecular Weight of Constituents HHV of Total Vent Gas to Flare: Total Vent Gas to Flare Composition and Standard Heat of Combustion for Constituents Supplemental Natural Gas Mass: Supplemental Natural Gas to Flare (Nm3/hr) and natural gas density derived from specific gravity of natural gas Total Vent Gas Mass to Flare: Vent Gas Mass to Flare + Supplemental Natural Gas Mass. Note that starting on 4/22/2024 at 10:00, the supplemental natural gas is included in the Vent Gas Mass to Flare PI Tag. % Carbon by weight: Total Vent Gas to Flare Composition Heat Input of Total Vent Gas to Flare: Total Vent Gas Mass to Flare and HHV of Vent Gas to Flare
204: Low Pressure (LP) Header System Multipoint Ground Flare (MPGF) Ethylene Storage Tank Header	<ol style="list-style-type: none"> NOx and CO: AP-42, Chapter 13.5, "Industrial Flares", 2/2018. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * VOC\ CONTENT\ (WT\%) / 100 * (1-DRE)$. SO2: No Sulfur in Vent Gas. PM-filt, PM-cond, PM10, PM2.5, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. n-Hexane: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * C\ CONTENT\ (WT\%) / 100 * MW\ CO2 / MW\ C * DRE$. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. Flare DRE: 99% DRE for compounds containing three (3) or fewer carbon atoms and 98% for compounds with greater than three (3) carbon atoms, Texas Commission on Environmental Quality Air Permits Division, "New Source Review (NSR) Emission Calculations" (APD-ID 6v1, Revised March 2021). 	<u>PI Inputs</u> <ol style="list-style-type: none"> Vent Gas Mass to Flare – MPGF Ethylene Tank Header (kg/hr) <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Composition is 95% by weight nitrogen and 5% ethylene by weight when vent gas mass to header is <= 215 kg/hr (BOG compressors only). When > 215 kg/hr, the composition is calculated based on the BOG compressor flow of 95% nitrogen and 5% ethylene at 215 kg/hr, and remaining mass at 100% ethylene. Natural gas supplementation started at 3/20/2024 at 9:36 – assume 10:00 for calculations. The continuous rate of natural gas addition is estimated at 160 kg/hr.

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
204: Low Pressure (LP) Header System Multipoint Ground Flare (MPGF) Continuous Vent Thermal Oxidizer (CVTO) Trips Header	<ol style="list-style-type: none"> NOx and CO: AP-42, Chapter 13.5, "Industrial Flares", 2/2018. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{VOC CONTENT (WT\%)} / 100 * (1-\text{DRE})$. SO2: Material balance based on mass of vent gas flared and sulfur content in vent gas to flare. Equation: $\text{VENT GAS MASS TO FLARE} * \text{S CONTENT (WT\%)} / 100 * \text{MW SO}_2 / \text{MW S}$. PM-filt, PM-cond, PM10, PM2.5, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. n-Hexane: <ol style="list-style-type: none"> Product of combustion: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf Waste Gas: Material balance based on mass of vent gas recovery (VGR) of PE1/PE2 units and C6 inert composition, assuming all C6 inerts are n-hexane, or other assumptions after review from Production Group. VOC destruction efficiency used for outlet n-hexane emissions. Waste Gas HAPS from LGO/PFO Storage Tank Releases: ProMax derived emission factor. CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C} * \text{DRE}$. CH4: Material balance based on quantity of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{CH}_4 \text{ CONTENT (WT\%)} / 100 * (1-\text{DRE})$. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. Flare DRE: 99% DRE for compounds containing three (3) or fewer carbon atoms and 98% for compounds with greater than three (3) carbon atom, , Texas Commission on Environmental Quality Air Permits Division, "New Source Review (NSR) Emission Calculations" (APD-ID 6v1, Revised March 2021). 	PI Inputs <ol style="list-style-type: none"> Vent Gas Mass to Flare – MPGF CVTO Trip Header (kg/hr) CVTO/MPGF CVTO Trip Header Vent Gas to Flare Composition (% mol) CVTO/MPGF CVTO Trip Header Vent Gas Sulfur Content (% wt) PE 1 and PE 2 VGR Mass Flow (kg/hr) PE 1 and PE 2 VGR C6 inert composition (% mol) LGO/PFO Blower Run Status Calculated/Miscellaneous Inputs <ol style="list-style-type: none"> Molecular Weight of CVTO/MPGF CVTO Trip Header Vent Gas: CVTO/MPGF Header 3 Vent Gas Composition and Standard Molecular Weight of Constituents. HHV of CVTO/MPGF CVTO Trip Header Vent Gas: CVTO/MPGF Header 3 Vent Gas Composition and Standard Heat of Combustion for Constituents. % Carbon by weight: CVTO/MPGF CVTO Trip Header Vent Gas Composition Heat Input of Vent Gas to Flare: Vent Gas Mass to Flare and HHV of Vent Gas to Flare
204: Low Pressure (LP) Header System Multipoint Ground Flare (MPGF) Pilot (Natural Gas)	<ol style="list-style-type: none"> NOx, CO, PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $\text{NG FUEL MASS} * \text{S CONTENT NG (WT\%)} / 100 * \text{MW SO}_2 / \text{MW S}$. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $\text{NG FUEL MASS} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C}$. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	PI Inputs <ol style="list-style-type: none"> Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) Natural Gas Composition C1 – C6+ (%mol) Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf Calculated/Miscellaneous Inputs <ol style="list-style-type: none"> Pilot Heat Rate. Constant at 2.47 MMBtu/hr based on design specifications. Natural Gas Mass: Calculated using Pilot Heat Input, HHV of Natural Gas Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
<p>205: High Pressure (HP) Header System (Flares)</p>	<ol style="list-style-type: none"> 1. NOx and CO for Totally Enclosed Ground Flares (TEGFs) from Zeeco Manufacturer Data: <ol style="list-style-type: none"> a. NOx: 0.068 lb/MMBtu b. CO: 0.038 lb/MMBtu for Total Heat Input ≥ 8,396 MMBtu/hr; 0.2755 lb/MMBtu for Heat Input <8,396 MMBtu/hr 2. NOx and CO for Elevated Flare from Zeeco Manufacturer Data: <ol style="list-style-type: none"> a. NOx: 0.068 lb/MMBtu b. CO: 0.31 lb/MMBtu 3. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: VENT GAS MASS TO FLARE * VOC CONTENT (WT%) / 100 * (1-DRE). 4. SO2: Material balance based on mass of vent gas flared and sulfur content in vent gas to flare. Equation: VENT GAS MASS TO FLARE * S CONTENT (WT%) / 100 * MW SO2 / MW S. 5. PM-filt, PM-cond, PM10, PM2.5: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. 6. Total HAPs (except E-rated n-hexane) resulting from products of combustion: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. 7. n-Hexane resulting from products of combustion: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf 8. Organic HAPs in Waste Gas: Material balance of inlet HAP based on vent gas mass to flare, continuous inline analyzer results for C4 olefin (to potentially include 1,3 butadiene) and C6+ (to potentially include benzene, toluene, ethylbenzene and n-hexane), and speciating using C3+ liquid composition from lab analysis and other assumptions after review from Production Group. VOC destruction efficiency used for outlet HAP emissions 9. CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: VENT GAS MASS TO FLARE * C CONTENT (WT%) / 100 * MW CO2 / MW C * DRE. 10. CH4: Material balance based on quantity of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: VENT GAS MASS TO FLARE * CH4 CONTENT (WT%) / 100 * (1-DRE). 11. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. 12. Totally Enclosed Ground Flares (TEGFs) DRE and Elevated Flare DRE: 99% DRE for compounds containing three (3) or fewer carbon atoms and 98% for compounds with greater than three (3) carbon atoms, , Texas Commission on Environmental Quality Air Permits Division, "New Source Review (NSR) Emission Calculations" (APD-ID 6v1, Revised March 2021). 	<p>PI Inputs</p> <ol style="list-style-type: none"> 1. Vent Gas Flow to Flare (Actual m3/hr), includes Supplemental Natural Gas 2. Vent Gas to Flare Pressure (bar-g) 3. Vent Gas to Flare Temperature (C) 4. Vent Gas to Flare Composition (% mol), includes Supplemental Natural Gas from inline analyzer 5. Vent Gas to Flare Sulfur Content (% wt) 6. Valve Position - % Valve Open to Elevated Flare <p>Calculated/Miscellaneous Inputs</p> <ol style="list-style-type: none"> 1. Molecular Weight of Vent Gas to Flare: Vent Gas to Flare Composition and Standard Molecular Weight of Constituents 2. HHV of Vent Gas to Flare: Vent Gas to Flare Composition and Standard Heat of Combustion for Constituents 3. Vent Gas to Flare Density: Molecular Weight, Pressure and Temperature of Vent Gas to Flare 4. Vent Gas Mass to Flare: Vent Gas Flow to Flare (actual m3/hr) and Vent Gas to Flare Density 5. % Carbon and H2 by weight: Vent Gas to Flare Composition 6. Heat Input of Vent Gas to Flare: Vent Gas Mass to Flare and HHV of Vent Gas to Flare 7. C3+ Composition: Laboratory Data or data from Production group for HAP speciation.
<p>205: High Pressure (HP) Header System (Flares)</p> <ul style="list-style-type: none"> • TEGF #1 Pilot • TEGF #2 Pilot • Elevated Flare Pilot 	<ol style="list-style-type: none"> 1. NOx, CO, PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. 2. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf 3. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: NG FUEL MASS * S CONTENT NG (WT%) / 100 * MW SO2 / MW S. 4. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 5. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: NG FUEL MASS * C CONTENT (WT%) / 100 * MW CO2 / MW C. 6. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 7. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<p>PI Inputs</p> <ol style="list-style-type: none"> 1. Natural Gas HHV (Btu/scf) 2. Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) 3. Natural Gas Composition C1 – C6+ (%mol) 4. Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <p>Calculated/Miscellaneous Inputs</p> <ol style="list-style-type: none"> 1. Pilot Natural Gas Mass Combusted <ul style="list-style-type: none"> • TGEF #1 and #2: Constant at 1.105 MMBtu/hr per TEGF per design specifications. • Elevated Flare Pilot: Constant at 0.26 MMBtu/hr per design specifications] 2. Natural Gas Mass: Calculated using Pilot Heat Input, HHV of Natural Gas 3. Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
206: Spent Caustic Vent Header System Process Vents	<ol style="list-style-type: none"> 1. NOx: 0.068 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 2. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 3. PM-filt, PM-cond: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors for HAP to be developed after stack testing. 4. PM10 and PM2.5: 0.0075 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 5. VOC: 0.0463 lb/MMBtu based on 3.2 g/Nm3 VOC and 99.9% DRE, design basis. [Feb. 2020 Update Plan Approval Application] 6. HAPS: Assumed to be equal to VOC [Feb. 2020 Update Plan Approval Application] 1. VOC/HAPS from WEMCO/EC-15 Units at WWTP: Uncontrolled emissions using Pro/II Version 10.2.1 and applying 99.9% DRE, design basis. 7. SO2: 0.0879 lb/MMBtu based on 0.05 g/Nm3 H2S, design basis. [Feb. 2020 Update Plan Approval Application] 8. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 9. CO2: 7.8 lb/MMBtu based on 8.4 g/Nm3 CO2, design basis plus 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. [Feb. 2020 Update Plan Approval Application] 10. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 11. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 12. Thermal Oxidizer DRE: 99.9% John Zink Design Specification, 7/12/2017. 	<u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> 1. Heat Rate: 0.7 MMBtu/hr [Design Basis Heat Input from VOC for Process Vents excluding WEMCO/EC-15 Units] 2. Heat Rate [Additional Heat Rate from WEMCO/EC-15 Units]: Calculated using VOC emissions from Pro/II Version 10.2.1 and the HHV of ethane, in MMBtu/hr.
206: Spent Caustic Vent Header System Primary Firing Fuel (Natural Gas)	<ol style="list-style-type: none"> 1. NOx: 0.068 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 2. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 3. PM10 and PM2.5: 0.0075 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 4. PM-filt, PM-cond, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors for HAP to be developed after stack testing, 5. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf 6. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $NG\ FUEL\ MASS * S\ CONTENT\ NG\ (WT\%) / 100 * MW\ SO2 / MW\ S$. 7. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 8. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $NG\ FUEL\ MASS * C\ CONTENT\ (WT\%) / 100 * MW\ CO2 / MW\ C$. 9. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 10. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<u>PI Inputs</u> <ol style="list-style-type: none"> 1. Natural Gas Flow Rate (Nm3/hr) 2. Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density 3. Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) 4. Natural Gas Composition C1 – C6+ (%mol) 5. Natural Gas Sulfur (S) Content (ppmv), converted to wt %by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> 1. Natural Gas Mass: Calculated using Natural Gas Flow Rate and Density of Natural Gas 2. Heat Rate (MMBtu/hr): Natural Gas Mass and Natural Gas HHV 3. Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
206: Spent Caustic Vent Header System Pilot (Natural Gas)	<ol style="list-style-type: none"> NOx, CO, PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: NG FUEL MASS * S CONTENT NG (WT%) / 100 * MW SO2 / MW S. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: NG FUEL MASS * C CONTENT (WT%) / 100 * MW CO2 / MW C. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<u>PI Inputs</u> <ol style="list-style-type: none"> Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) Natural Gas Composition C1 – C6+ (%mol) Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbookulfurmeasurements_002.pdf <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Pilot Heat Rate. Constant at 0.5023 MMBtu/hr, per design specifications. Natural Gas Mass: Calculated using Pilot Heat Input, HHV of Natural Gas Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition
104: Cogeneration Plant Cooling Tower	<ol style="list-style-type: none"> PM-filt: 0.0005% wt / 100 * Circulation Rate (gal/hr) x 8.34 lb/gal (water density) x TDS Correlation Factor (ppmx/uS/cm) x Conductivity (uS.cm) / 1000000 [Feb. 2020 Plan Approval Application] PM-10 and PM2.5: 63.5% and 0.21 % wt fraction of PM-filt based on "Calculating Realistic PM10 Emissions from Cooling Towers"; Reisman & Frisbie [Feb. 2020 Plan Approval Application] 	<u>PI Inputs</u> <ol style="list-style-type: none"> Water conductivity Water Discharge Flow Water Make-up Flow <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Cogen Cooling Water TDS Sampling Results Circulation Rate = Discharge Flow plus Make-Up Flow
203: Process Cooling Tower	<ol style="list-style-type: none"> PM-filt: 0.0005% wt / 100 * Circulation Rate (gal/hr) x 8.34 lb/gal (water density) x TDS Correlation Factor (ppmx/uS/cm) x Conductivity (uS.cm) / 1000000 [Feb. 2020 Plan Approval Application] PM10 and PM2.5: 63.5% and 0.21 % wt fraction of PM-filt based on "Calculating Realistic PM10 Emissions from Cooling Towers"; Reisman & Frisbie [Feb. 2020 Plan Approval Application] VOC: Process Water VOC (ppmw)/1,000,000 * Circulation Rate (gal/hr) * 8.34 lb/gal (water density). 	<u>PI Inputs</u> <ol style="list-style-type: none"> Water conductivity Water Discharge Flow Water Make-up Flow <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Circulation Rate = Discharge Flow plus Make-Up Flow Process Cooling Water TDS Sampling Results Process Cooling Water VOC Sampling Results
202: Polyethylene Manufacturing Lines	<ol style="list-style-type: none"> PM-Filt: Outlet Grain Loading and Flow Rate or Vendor Emissions Estimations to yield an tons/day rate. 	<u>PI Inputs</u> <ol style="list-style-type: none"> PE 1, PE 2, PE 3 Ethylene Feed Rates – used for operational time since ethylene feed is required to operate the unit and correlates directly to run time.
301: Polyethylene Pellet Material Storage, Handling and Loadout	<ol style="list-style-type: none"> PM-filt: Outlet Grain Loading and Flow Rate or Inlet Grain Loading, Control Efficiency (%) and Flow Rate (dscf/hr). VOC: Periodic Sampling of VOC Headspace. 	<u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Vendor-Provided Outlet Grain Loading and Flow Rate Vendor-Provided Inlet Grain Loading and Control Efficiency and Flow Rate Polyethylene mass produced at each reactor grade per sample
302: Liquid Loadout (Recovered Oil)	VOC, HAP: AP-42 Chapter 5.2, "Transportation and Marketing of Petroleum Liquids", 6/2008.	<u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Quantity of material loaded Stream composition data from engineering heat and material balance (wt% VOC, HAP, CH4)
303: Liquid Loadout (Pyrolysis Fuel Oil, Light Gasoline)	VOC, HAP: Hose disconnect loss from TODO dry disconnect couple loss per disconnect manufacturer data. Loadout emissions are vapor balanced to tanks. Tanks emissions are controlled and accounted for in the flares/thermal oxidizers. Hose disconnect couple loss emissions are insignificant. Uncontrolled releases to atmosphere will be calculated using AP-42 Chapter 5.2, "Transportation and Marketing of Petroleum Liquids", 6/2008.	<u>PI Inputs</u> <ol style="list-style-type: none"> Truck Loading Connection Valve (Open/Close) <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Manufacturer Hose Coupling Disconnect Factor (ml/disconnect)

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
304: Liquid Loadout (C3+, Butene, Isopentane, Isobutane, C3+ Ref)	VOC , HAP: Hose disconnect loss from TODO dry disconnect couple loss per disconnect manufacturer data. C3+ Loadout emissions are vapor balanced to tanks. Tanks emissions are controlled and accounted for in the flares/thermal oxidizers. Hose disconnect couple loss emissions are insignificant. Uncontrolled releases to atmosphere will be calculated using AP-42 Chapter 5.2, "Transportation and Marketing of Petroleum Liquids", 6/2008.	<u>PI Inputs</u> 1. Truck Loading Connection Valve (Open/Close) <u>Calculated/Miscellaneous Inputs</u> 1. Manufacturer Hose Coupling Disconnect Factor (ml/disconnect)
305: Liquid Loadout (Coke Residue, Tar)	Controlled and accounted for in the flares/thermal oxidizers. Uncontrolled releases to atmosphere will be calculated using AP-42 Chapter 5.2, "Transportation and Marketing of Petroleum Liquids", 6/2008.	<u>Calculated/Miscellaneous Inputs</u> 1. Quantity of material loaded 2. Stream composition data from engineering heat and material balance (wt% VOC, HAP, CH4)
401-409: Storage Tanks	1. Non-diesel VOC and HAP: Controlled and accounted for in the flares/thermal oxidizers. Uncontrolled releases will be calculated using AP-42 Chapter 7.1, "Organic Liquid Storage Tanks", 6/2020. 2. Diesel VOC: VOC and HAP: AP-42 Chapter 7.1, "Organic Liquid Storage Tanks", 6/2020. Insignificant emissions.	<u>Calculated/Miscellaneous Inputs</u> 1. Diesel fuel throughput
501: Equipment Components	1. VOC, CH4, HAP (unmonitored): EPA Protocol for Equipment Leak Emission Estimates Chapter 2.3 November 1995. SOCM I Average Emission Factors (lb/hr/src) * Equipment Type Count (src) * Chemical Composition (wt%VOC/CH4/HAP) * Operating Hours (hr). 2. VOC, CH4, HAP (monitored): EPA Protocol for Equipment Leak Emission Estimates Chapter 2.3 November 1995. SOCM I Leak Rate/Screening Value Correlation Equations, Leak Rate (lb) = Correlation Factor (lb/hr/src/ppm) * Screening Value Factor (ppm) * Equipment Type Count (src) * Chemical Composition (wt%VOC/CH4/HAP) * Operating Hours (hr).	<u>Calculated/Miscellaneous Inputs</u> 1. Monitored leak rates into Skybridge (ppm) 2. Stream composition data from engineering heat and material balance (wt% VOC, HAP, CH4)
502: Wastewater Treatment Plant	USEPA Water9, Version 3 (or similar)	<u>PI Inputs</u> 1. Wastewater flow rate to Biotreaters A/B <u>Calculated/Miscellaneous Inputs</u> 1. Wastewater composition data from laboratories. 2. Various Water 9 Inputs on stream characteristics and unit dimensions/data provided by Operations.
503: Plant Roadways	PM-filt, PM10, PM2.5: AP-42, Chapter 13.2.1, "Paved Roads", 1/2011 using the following Equation: Emission Factor (lb/VMT) = k (sL) ^{0.91} (W) ^{1.02} (1 - P/(4*N)). <ul style="list-style-type: none"> • k = particle size multiplier = 0.011 for PM-filt, 0.0022 for PM10 and 0.00054 for PM2.5 [Table 13.2.1 AP-42] • SL = Road Surface Silt Content = 0.2 g/m3 [LAER per Feb.2020 Plan Approval Application] • W = Average Weight of Vehicle (tons) = 25 tons average [Feb.2020 Plan Approval Application] • P = Number of Days with rainfall greater than 0.01 inch = 150 days [Figure 13.2.1-2 AP-42] • N = Number of days in period. 	<u>Calculated/Miscellaneous Inputs</u> 1. Number of Trips 2. Road Length
Building Utilities (Heat and Water) Natural Gas Combustion	1. NOx, CO, PM-filt, PM-cond, PM10, PM2.5, VOC, SO2, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. 2. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf 3. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 4. CO2: 40 CFR Part 98 Subpart C, Table C-1 emission factor for natural gas. 5. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 6. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas.	<u>Calculated/Miscellaneous Inputs</u> 1. Natural Gas Consumption – Peoples Invoices

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
Miscellaneous Generator Sets	<ol style="list-style-type: none"> 1. NO_x, CO, NMNH (VOC), PM-filt: USEPA Nonroad CI Engine Exhaust Emission Standards based on Tier Level. 2. PM-cond: AP-42, Chapter 3.4, "Large Stationary Diesel and All Stationary Dual-Fuel Engines, 10/96. 3. PM₁₀, PM_{2.5} = PM-filt + PM-cond 4. SO₂: Material balance based on estimated diesel mass and fuel sulfur content of diesel. Equation: DIESEL MASS * S CONTENT DIESEL (ppmw) / 10000 ppmw / 100 * MW SO₂ / MW S. 5. HAP: AP-42, Chapter 3.3, "Gasoline and Diesel Industrial Engines", 10/96. 6. CO₂: 40 CFR Part 98 Subpart C, Table C-1 emission factor for Distillate Fuel Oil No. 2. 7. CH₄: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. 8. N₂O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. 	<p><u>Data Inputs</u></p> <ol style="list-style-type: none"> 1. Brake Specific Fuel Consumption: 7,000 Btu/hp-hr (AP-42 Chapter 3.3) 2. Diesel HHV: 138,600 Btu/gal 3. Diesel Density: 7.674 lb/gal 4. Sulfur Content of Diesel: 15 ppmw 5. Diesel Usage (gal)

List of Malfunction Reports
Shell Polymers Monaca
Date: June 13, 2024

E&R ID	Unit Implicated	Incident Description	Incident Start Date	Incident Start Time	Incident End Date	Incident End Time	Initially Reported to PADEP Date	Date Final Malfunction Report Sent to PADEP
MAL1	PE3	PE3 reactor blowdown due to pump failure	9/3/2022	15:40	9/4/2022	17:15	9/16/2022	10/4/2022
MAL2	ECU	TEGF visible emissions	9/6/2022	~7:30	9/24/2022	09:00	9/6/2022	9/20/2022
MAL4-a/b	ECU	ECU Demethanizer Cold Drum 3 Leak During Startup - Flaring and Flange Leak	9/8/2022	14:25	9/8/2022	22:45	9/16/2022	10/7/2022
MAL5-a/b	ECU	ECU Cold Flare Drum Inlet Flange Leak V-19031 During Startup - Flaring and Flange Leak	9/8/2022	22:45	9/10/2022	9:26	9/16/2022	10/7/2022
MAL6-a/b	ECU	ECU ERC and CGC trip during startup and Reestablishing previous conditions	9/10/2022	9:26	9/13/2022	15:10	9/16/2022	10/11/2022
MAL7-a/b	ECU	ECU CGC Trip of 4th stage level transmitter failure and reestablishing previous conditions	9/15/2022	23:05	9/18/2022	12:02	9/16/2022	10/16/2022
MAL8-a/b	ECU	ECU P3R Compressor Low Suction P Trip and reestablishing previous conditions	9/18/2022	12:02	9/21/2021	2:01	9/18/2022	10/20/2022
MAL9-a/b	ECU	ECU AC Reactor Trip due to Methanol Drum High Level and reestablishing previous conditions	9/21/2022	2:01	9/24/2022	22:40	9/21/2022	10/22/2022
MAL10	UGF	Visible Emissions from CVTO Trip	9/25/2022	15:30	9/25/2022	16:50	9/26/2022	Report not submitted
MAL12	PE	PE3 reactor blowdowns due to circulation pump seal leak (HP Flare)	10/2/2022	14:30	10/2/2022	17:00	N/A	11/2/2022
MAL13-a-c	ECU	ECU Offspec Ethylene (Plugged C2 Inlet Strainer) Outage - Shutdown/Restartup	10/5/2022	19:15	10/22/2022	14:00	10/6/2022	11/16/2022
MAL15	ECU	Ethylene Tank BOG Compressor A & B Malfunction	10/17/2022	16:30	11/25/2022	08:15	10/21/2022	11/17/2022
MAL16	ECU	TEGF Smoke Malfunction	10/22/2022	15:34	10/22/2022	17:15	10/24/2022	Report not submitted
MAL17	ECU	ECU AC Reactor Malfunction (Elevated Flare)	10/24/2022	14:30	10/26/2022	16:30	10/24/2022	11/25/2022
MAL18-a	ECU	Furnace 2 Excess NOx	10/22/2022	14:00	10/23/2022	03:00	11/7/2022	11/23/2022
MAL18-b	ECU	Furnace 6 Excess NOx	10/22/2022	14:00	10/23/2022	04:00	11/7/2022	11/23/2022
MAL18-c	ECU	Furnace 4 Excess NOx	10/31/2022	4:47	10/31/2022	11:00	11/7/2022	12/1/2022
MAL20	UGF	Cogen Unit 2 Nox	11/5/2022	22:16	11/5/2022	23:16	11/7/2022	12/7/2022
MAL20	UGF	Cogen Units 1, 2, 3 Nox	11/7/2022	9:30	11/7/2022	10:30	11/7/2022	12/7/2022
MAL20	UGF	Cogen Unit 3 Restart Nox	11/17/2022	15:00	11/17/2022	20:00	11/21/2022	12/7/2022
MAL23	ECU/UGF	Malodor from WWTP (PFO)	11/7/2022	TBD	12/13/2022	TBD	11/7/2022	1/13/2023
MAL21	ECU	ECU AC Reactor Malfunction (Ground Flare)	11/15/2022	22:50	11/16/2022	5:32	11/17/2022	12/16/2022
MAL22	ECU	ECU C2 Offspec (Ground Flare)	11/20/2022	02:59	11/20/2022	07:17	11/21/2022	12/19/2022
MAL19	ECU/UGF	ECU SHP Steam Loss (Cogen Trip) AC Rx Offspec (Ground Flare)	11/28/2022	15:03	11/29/2022	23:50	11/29/2022	12/8/2022
MAL25	PE2	MPGF (PE1/2 Episodic) Visible Emissions During PE2 SD	12/14/2022	07:45	12/14/2022	08:30	12/15/2022	1/13/2023
MAL27	Site	Boiler Feedwater Loss and Site Shutdown Flaring (Elevated Flare)	12/24/2022	07:05	12/24/2022	11:50	12/24/2022	2/6/2023
MAL28	UGF	Cogen Units 1, 2, 3 CO (Recurring/Ongoing)	12/21/2022	00:00	12/28/2022	10:00	12/27/2022	1/23/2023
MAL29	UGF	Cogen Unit 3 Nox SCR Heater Trip	12/23/2022	13:15	12/23/2022	18:00	12/27/2022	1/23/2023
MAL30	UGF	Cogen Unit 2 Nox (Restart after Trip)	12/24/2022	11:38	12/24/2022	15:25	12/27/2022	1/23/2023
MAL31	UGF	Cogen Unit 1 Nox (Startup)	12/24/2022	5:50	12/25/2022	11:00	12/27/2022	1/23/2023
MAL32	UGF	SCTO Trip on Low Fuel Pressure (Regulator)	1/4/2023	20:38	1/10/2023	12:00	1/6/2023	2/9/2023
MAL33	ECU	ECU Demethanizer Malfunction (Ground Flare)	1/20/2023	7:17	1/20/2023	11:28	1/20/2023	2/6/2023
MAL34	ECU/UGF	Malodor from WWTP	1/25/2023	9:45	2/16/2023	13:58	1/25/2023	3/27/2023

List of Malfunction Reports
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Date: June 13, 2024

E&R ID	Unit Implicated	Incident Description	Incident Start Date	Incident Start Time	Incident End Date	Incident End Time	Initially Reported to PADEP Date	Date Final Malfunction Report Sent to PADEP
MAL35	ECU	Furnace Nox Ammonia System Failure	2/1/2023	9:35	2/1/2023	10:35	2/3/2023	3/2/2023
MAL36	ECU	ECU AC Reactor Malfunction following Steam Generator SU	2/3/2023	2:17	2/3/2023	6:55	2/3/2023	3/6/2023
MAL37	PE	PE3 LPSR Blower Start CVTO Trip Shear Pin Passthrough NHV < 500 Btu/scf	2/11/2023	23:59	2/12/2023	9:21	2/13/2023	3/7/2023
MAL38-a-d and MAL39	ECU	ECU DCS Logic Issue CGC and AC Reactor Trip (Elevated Flare and TEGF B VE > 5 mins); UGF Cogen Unit 2 Nox (Site Steam System Upset)	2/13/2023	15:25	2/18/2023	3:33	2/13/2023	3/13/2023 and 3/15/2023
MAL42-a/b	ECU	ECU CGC High Level Trip Flaring (TEGF) (Shutdown/Restart Flaring)	3/14/2023	21:50	3/17/2023	15:30	3/15/2023	4/11/2023
MAL44	ECU	ECU Caustic Leak SD Flaring (TEGF) (VE > 5 Mins)	3/25/2023	14:00	3/26/2023	2:00	3/25/2023	4/25/2023
MAL45	ECU/UGF	Malodor from WWTP (FEOR A Low Level Hydrocarbons in Biotreater)	4/11/2023	15:30	4/20/2023	15:00	4/12/2023	5/18/2023
MAL46	ECU/UGF	UGF HPEF Liquid Seal Drum Damaged Downcomer Pipe (Blue Flame at HPEF/De-Inventory Plant)	3/17/2023	11:00	4/18/2023	9:00	4/22/2023	5/19/2023
MAL47	ECU/UGF	UGF TEGF A Visible Emissions During Pre-Startup Activities	5/24/2023	13:00	5/24/2023	20:36	5/24/2023	6/22/2023
MAL48	ECU/UGF	Brush Fire Near HP Flare Area	6/1/2023	13:28	6/1/2023	14:11	6/1/2023	6/29/2023
MAL49	ECU/UGF	UGF TEGF A Visible Emissions During Low Flow and High Ethylene %	6/19/2023	20:36	6/19/2023	21:00	6/20/2023	Report not required, see 5/24/2023 malfunction (MAL47)
MAL50	UGF	Cogen Unit 1 and 3 CO During Normal Operation	6/24/2023	06:00	6/26/2023	04:00	6/26/2023	7/26/2023
MAL51	UGF	SCTO Trip on Low Fuel Pressure (Electrical Charms Communication)	6/24/2023	17:35	6/28/2023	01:45	6/26/2023	7/26/2023
MAL52	ECU	F5 Elevated Nox During HSSB (Fuel Flowmeter Erratic Signals)	7/3/2023	04:00	7/3/2023	05:00	7/5/2023	8/2/2023
MAL53	ECU/UGF	ECU (TBD TRIP) Flaring (TEGF + HPEF) (VE > 5 mins @ HPEF)	7/10/2023	08:55	7/13/2023	13:30	7/10/2023	8/9/2023
MAL54	ECU/UGF	ECU Ethylene Tank Pressure Relief Flaring (MPGF) (VE mins TBC)	7/10/2023	17:11	7/10/2023	22:20	7/11/2023	8/10/2023
MAL55	ECU/UGF	UGF TEGF A Visible Emissions During Low Flow and High Ethylene %	7/26/2023	12:40	7/26/2023	14:38	N/A	Report not required, see 5/24/2023 malfunction (MAL47)
MAL56	ECU/UGF	MPGF Smoking due to ECU BOG Compressor Trip	8/3/2023	12:09	8/4/2023	13:40	8/3/2023	8/29/2023
MAL57	UGF	SCTO Trip on High Fuel Pressure	8/8/2023	17:04	8/9/2023	06:00	8/9/2023	9/8/2023
MAL58	UGF	1,3 Butadiene railcar release to atmosphere	8/9/2023	15:00	8/9/2023	20:30	8/10/2023	9/7/2023
MAL60	UGF	FEOR and Recovered Oil tanks blower trip	9/1/2023	17:21	9/2/2023	01:02	9/5/2023	9/27/2023
MAL61a	ECU/UGF	Ethylene tank overpressure- smoking at MPGF	9/2/2023	20:08	9/3/2023	22:05	9/5/2023	9/28/2023
MAL61b	ECU/UGF	HP Flare Excess Emissions from PE1/2 downtime (TEGFs only)	9/2/2023	11:40	9/2/2023	23:59	9/5/2023	9/28/2023
MAL62	ECU/UGF	WEMCO downtime	9/9/2023	22:00	9/14/2023	12:00	9/12/2023	10/14/2023
MAL63	PE	PE1 Metallocene LOPC- filter malfunction	10/5/2023		10/5/2023		10/5/2023	11/3/2023
MAL64	UGF	FEOR and Recovered Oil and Spent Caustic Blowers Trip- back pressure in h	10/6/2023	05:04/20:21	10/8/2023	13:18/13:25	10/10/2023	11/6/2023
MAL65	ECU/UGF	ECU ERC Trip- Flaring Event to HP Flare, No VE	10/8/2023	2:31	10/12/2023	1:24	10/10/2023	11/13/2023
MAL66	ECU/UGF	MPGF Ethylene Header Smoking- VE of 8 minutes; related to ECU startup	10/11/2023	19:12	10/11/2023	19:20	10/12/2023	11/10/2023
MAL67	UGF	SCTO downtime (FEOR A/B, ROT, and Spent Caustic Tanks, Wemco84), WWTP Hydrocarbon Slug	10/19/2023	20:02	10/22/2023	2:57	10/20/2023	11/21/2023

List of Malfunction Reports
Shell Polymers Monaca
Date: June 13, 2024

E&R ID	Unit Implicated	Incident Description	Incident Start Date	Incident Start Time	Incident End Date	Incident End Time	Initially Reported to PADEP Date	Date Final Malfunction Report Sent to PADEP
MAL68	ECU	F5 FG meter 105FT078 failure to measure. CEMS valid data < 95% for Q4 and Nox lb/hr exceedance. Failure due to low flow cutoff set too high	11/28/2023	02:30	12/4/2023	11:30	12/5/2023	1/2/2024
MAL69	UGF	<1 minute Black Smoke during CVTO Startup	11/27/2023	15:08	11/27/2023	15:08	12/4/2023	12/19/2023
MAL70	ECU	F3 NOx exceedance during PLC Furnace cutover	12/18/2023	06:15	12/18/2023	7:10	12/21/2023	1/17/2024
MAL71	ECU/UGF	UGF TEGF A Visible Emissions During Low Flow and High Ethylene %	12/28/2023	11:20	12/28/2023	12:10	12/28/2023	1/29/2024
MAL72	ECU	ECU F1 and F2 NOx Exceedances due to Freezing	1/20/2024	01:00	1/20/2024	02:00	1/22/2024	2/19/2024
MAL73	UGF	CVTO Black Smoke due to Combustion Air Blower Issues	2/10/2024	9:38:43	2/10/2024	10:01:14	2/12/2024	2/29/2024
MAL74	ECU/UGF	MPGF Ethylene Header VE	2/21/2024	23:36	2/22/2024	3:11	2/22/2024	3/14/2024
MAL75	UGF	Cogen 3 NOx Exceedance due to Loss of SCR	2/23/2024	20:48	2/23/2024	21:14	2/26/2024	3/14/2023
MAL76	UGF	MPGF CVTO Trip Header VE	3/4/2024	20:44	3/4/2024	22:37	3/5/2024	3/30/2024
MAL77	ECU	F3 NOx exceedance during furnace mode changed from SU/SD to HSSB	3/18/2024	15:00	3/18/2024	15:00	3/20/2024	4/11/2024
MAL78	ECU/UGF	TEGF A VE >5 minutes in a 2 hour period	5/8/2024	15:59	5/8/2024	16:39	5/9/2024	5/30/2024



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
1	5/8/2024	0.07	µg/m3	Naphthalene	
1	5/8/2024	0.13	µg/m3	1,3-Butadiene	
1	5/8/2024	0.38	µg/m3	Benzene	
1	5/8/2024	0.51	µg/m3	Toluene	
1	5/8/2024	0.29	µg/m3	n-Hexane	
1BLK	5/8/2024	0.07	µg/m3	Naphthalene	
1BLK	5/8/2024	0.13	µg/m3	1,3-Butadiene	
1BLK	5/8/2024	0.19	µg/m3	Benzene	
1BLK	5/8/2024	0.24	µg/m3	Toluene	
1BLK	5/8/2024	0.22	µg/m3	n-Hexane	
2	5/8/2024	0.07	µg/m3	Naphthalene	
2	5/8/2024	0.13	µg/m3	1,3-Butadiene	
2	5/8/2024	0.38	µg/m3	Benzene	
2	5/8/2024	0.37	µg/m3	Toluene	
2	5/8/2024	0.25	µg/m3	n-Hexane	
3	5/8/2024	0.07	µg/m3	Naphthalene	
3	5/8/2024	0.13	µg/m3	1,3-Butadiene	
3	5/8/2024	0.39	µg/m3	Benzene	
3	5/8/2024	0.35	µg/m3	Toluene	
3	5/8/2024	0.25	µg/m3	n-Hexane	
4	5/8/2024	0.07	µg/m3	Naphthalene	
4	5/8/2024	0.13	µg/m3	1,3-Butadiene	
4	5/8/2024	0.39	µg/m3	Benzene	
4	5/8/2024	0.34	µg/m3	Toluene	
4	5/8/2024	0.22	µg/m3	n-Hexane	
5	5/8/2024	0.07	µg/m3	Naphthalene	
5	5/8/2024	0.13	µg/m3	1,3-Butadiene	
5	5/8/2024	0.42	µg/m3	Benzene	
5	5/8/2024	0.32	µg/m3	Toluene	
5	5/8/2024	0.22	µg/m3	n-Hexane	
6	5/8/2024	0.07	µg/m3	Naphthalene	
6	5/8/2024	0.13	µg/m3	1,3-Butadiene	
6	5/8/2024	0.34	µg/m3	Benzene	
6	5/8/2024	0.27	µg/m3	Toluene	
6	5/8/2024	0.22	µg/m3	n-Hexane	
7	5/8/2024	0.07	µg/m3	Naphthalene	
7	5/8/2024	0.13	µg/m3	1,3-Butadiene	
7	5/8/2024	0.54	µg/m3	Benzene	
7	5/8/2024	0.45	µg/m3	Toluene	
7	5/8/2024	0.23	µg/m3	n-Hexane	
8	5/8/2024	0.07	µg/m3	Naphthalene	
8	5/8/2024	0.13	µg/m3	1,3-Butadiene	
8	5/8/2024	0.45	µg/m3	Benzene	
8	5/8/2024	0.43	µg/m3	Toluene	
8	5/8/2024	0.25	µg/m3	n-Hexane	
9	5/8/2024	0.14	µg/m3	Naphthalene	
9	5/8/2024	0.13	µg/m3	1,3-Butadiene	
9	5/8/2024	0.36	µg/m3	Benzene	
9	5/8/2024	0.30	µg/m3	Toluene	
9	5/8/2024	0.22	µg/m3	n-Hexane	
10	5/8/2024	0.07	µg/m3	Naphthalene	
10	5/8/2024	0.13	µg/m3	1,3-Butadiene	
10	5/8/2024	0.47	µg/m3	Benzene	
10	5/8/2024	0.64	µg/m3	Toluene	
10	5/8/2024	0.51	µg/m3	n-Hexane	
11	5/8/2024	0.09	µg/m3	Naphthalene	
11	5/8/2024	0.13	µg/m3	1,3-Butadiene	
11	5/8/2024	0.37	µg/m3	Benzene	
11	5/8/2024	0.26	µg/m3	Toluene	
11	5/8/2024	0.22	µg/m3	n-Hexane	
11DUP	5/8/2024	0.07	µg/m3	Naphthalene	
11DUP	5/8/2024	0.13	µg/m3	1,3-Butadiene	
11DUP	5/8/2024	0.40	µg/m3	Benzene	



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
11DUP	5/8/2024	0.28	µg/m3	Toluene	
11DUP	5/8/2024	0.22	µg/m3	n-Hexane	
12	5/8/2024	0.07	µg/m3	Naphthalene	
12	5/8/2024	0.13	µg/m3	1,3-Butadiene	
12	5/8/2024	0.38	µg/m3	Benzene	
12	5/8/2024	0.28	µg/m3	Toluene	
12	5/8/2024	0.22	µg/m3	n-Hexane	
12BLK	5/8/2024	0.07	µg/m3	Naphthalene	
12BLK	5/8/2024	0.13	µg/m3	1,3-Butadiene	
12BLK	5/8/2024	0.19	µg/m3	Benzene	
12BLK	5/8/2024	0.24	µg/m3	Toluene	
12BLK	5/8/2024	0.22	µg/m3	n-Hexane	
13	5/8/2024	0.07	µg/m3	Naphthalene	
13	5/8/2024	0.13	µg/m3	1,3-Butadiene	
13	5/8/2024	0.34	µg/m3	Benzene	
13	5/8/2024	0.27	µg/m3	Toluene	
13	5/8/2024	0.22	µg/m3	n-Hexane	
14	5/8/2024	0.07	µg/m3	Naphthalene	
14	5/8/2024	0.13	µg/m3	1,3-Butadiene	
14	5/8/2024	0.38	µg/m3	Benzene	
14	5/8/2024	0.32	µg/m3	Toluene	
14	5/8/2024	0.22	µg/m3	n-Hexane	
14DUP	5/8/2024	0.07	µg/m3	Naphthalene	
14DUP	5/8/2024	0.13	µg/m3	1,3-Butadiene	
14DUP	5/8/2024	0.38	µg/m3	Benzene	
14DUP	5/8/2024	0.34	µg/m3	Toluene	
14DUP	5/8/2024	0.22	µg/m3	n-Hexane	
15	5/8/2024	0.07	µg/m3	Naphthalene	
15	5/8/2024	0.13	µg/m3	1,3-Butadiene	
15	5/8/2024	0.44	µg/m3	Benzene	
15	5/8/2024	0.36	µg/m3	Toluene	
15	5/8/2024	0.22	µg/m3	n-Hexane	
16	5/8/2024	0.07	µg/m3	Naphthalene	
16	5/8/2024	0.13	µg/m3	1,3-Butadiene	
16	5/8/2024	0.62	µg/m3	Benzene	
16	5/8/2024	0.38	µg/m3	Toluene	
16	5/8/2024	0.22	µg/m3	n-Hexane	
17	5/8/2024	0.07	µg/m3	Naphthalene	
17	5/8/2024	0.13	µg/m3	1,3-Butadiene	
17	5/8/2024	0.45	µg/m3	Benzene	
17	5/8/2024	0.36	µg/m3	Toluene	
17	5/8/2024	0.23	µg/m3	n-Hexane	
18	5/8/2024	0.1	µg/m3	Naphthalene	
18	5/8/2024	0.13	µg/m3	1,3-Butadiene	
18	5/8/2024	0.51	µg/m3	Benzene	
18	5/8/2024	0.43	µg/m3	Toluene	
18	5/8/2024	0.29	µg/m3	n-Hexane	
19	5/8/2024	0.08	µg/m3	Naphthalene	
19	5/8/2024	0.13	µg/m3	1,3-Butadiene	
19	5/8/2024	0.38	µg/m3	Benzene	
19	5/8/2024	0.36	µg/m3	Toluene	
19	5/8/2024	0.23	µg/m3	n-Hexane	
20	5/8/2024	0.07	µg/m3	Naphthalene	
20	5/8/2024	0.13	µg/m3	1,3-Butadiene	
20	5/8/2024	0.41	µg/m3	Benzene	
20	5/8/2024	0.40	µg/m3	Toluene	
20	5/8/2024	0.26	µg/m3	n-Hexane	

High Benzene Reading µg/m3:	0.62
Low Benzene Reading µg/m3:	0.34
Benzene Action Level µg/m3:	9.0
Action Threshold Exceeded (Y/N):	N



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
1	5/22/2024	0.07	µg/m3	Naphthalene	
1	5/22/2024	0.13	µg/m3	1,3-Butadiene	
1	5/22/2024	0.40	µg/m3	Benzene	
1	5/22/2024	0.49	µg/m3	Toluene	
1	5/22/2024	0.39	µg/m3	n-Hexane	
1BLK	5/22/2024	0.07	µg/m3	Naphthalene	
1BLK	5/22/2024	0.13	µg/m3	1,3-Butadiene	
1BLK	5/22/2024	0.19	µg/m3	Benzene	
1BLK	5/22/2024	0.24	µg/m3	Toluene	
1BLK	5/22/2024	0.22	µg/m3	n-Hexane	
2	5/22/2024	0.07	µg/m3	Naphthalene	
2	5/22/2024	0.13	µg/m3	1,3-Butadiene	
2	5/22/2024	0.36	µg/m3	Benzene	
2	5/22/2024	0.44	µg/m3	Toluene	
2	5/22/2024	0.38	µg/m3	n-Hexane	
3	5/22/2024	0.07	µg/m3	Naphthalene	
3	5/22/2024	0.13	µg/m3	1,3-Butadiene	
3	5/22/2024	0.36	µg/m3	Benzene	
3	5/22/2024	0.40	µg/m3	Toluene	
3	5/22/2024	0.37	µg/m3	n-Hexane	
4	5/22/2024	0.07	µg/m3	Naphthalene	
4	5/22/2024	0.13	µg/m3	1,3-Butadiene	
4	5/22/2024	0.40	µg/m3	Benzene	
4	5/22/2024	0.45	µg/m3	Toluene	
4	5/22/2024	0.40	µg/m3	n-Hexane	
5	5/22/2024	0.07	µg/m3	Naphthalene	
5	5/22/2024	0.13	µg/m3	1,3-Butadiene	
5	5/22/2024	0.42	µg/m3	Benzene	
5	5/22/2024	0.43	µg/m3	Toluene	
5	5/22/2024	0.37	µg/m3	n-Hexane	
6	5/22/2024	0.07	µg/m3	Naphthalene	
6	5/22/2024	0.13	µg/m3	1,3-Butadiene	
6	5/22/2024	0.36	µg/m3	Benzene	
6	5/22/2024	0.40	µg/m3	Toluene	
6	5/22/2024	0.37	µg/m3	n-Hexane	
7	5/22/2024	0.07	µg/m3	Naphthalene	
7	5/22/2024	0.13	µg/m3	1,3-Butadiene	
7	5/22/2024	0.41	µg/m3	Benzene	
7	5/22/2024	0.46	µg/m3	Toluene	
7	5/22/2024	0.34	µg/m3	n-Hexane	
8	5/22/2024	0.07	µg/m3	Naphthalene	
8	5/22/2024	0.13	µg/m3	1,3-Butadiene	
8	5/22/2024	0.56	µg/m3	Benzene	
8	5/22/2024	0.59	µg/m3	Toluene	
8	5/22/2024	0.43	µg/m3	n-Hexane	
9	5/22/2024	0.15	µg/m3	Naphthalene	
9	5/22/2024	0.13	µg/m3	1,3-Butadiene	
9	5/22/2024	0.32	µg/m3	Benzene	
9	5/22/2024	0.34	µg/m3	Toluene	
9	5/22/2024	0.31	µg/m3	n-Hexane	
10	5/22/2024	0.07	µg/m3	Naphthalene	
10	5/22/2024	0.13	µg/m3	1,3-Butadiene	
10	5/22/2024	0.38	µg/m3	Benzene	
10	5/22/2024	0.59	µg/m3	Toluene	
10	5/22/2024	0.56	µg/m3	n-Hexane	
11	5/22/2024	0.07	µg/m3	Naphthalene	
11	5/22/2024	0.13	µg/m3	1,3-Butadiene	
11	5/22/2024	0.33	µg/m3	Benzene	
11	5/22/2024	0.36	µg/m3	Toluene	
11	5/22/2024	0.31	µg/m3	n-Hexane	
11DUP	5/22/2024	0.07	µg/m3	Naphthalene	
11DUP	5/22/2024	0.13	µg/m3	1,3-Butadiene	
11DUP	5/22/2024	0.32	µg/m3	Benzene	
11DUP	5/22/2024	0.38	µg/m3	Toluene	



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
11DUP	5/22/2024	0.30	µg/m3	n-Hexane	
12	5/22/2024	0.07	µg/m3	Naphthalene	
12	5/22/2024	0.13	µg/m3	1,3-Butadiene	
12	5/22/2024	0.35	µg/m3	Benzene	
12	5/22/2024	0.44	µg/m3	Toluene	
12	5/22/2024	0.22	µg/m3	n-Hexane	
12BLK	5/22/2024	0.07	µg/m3	Naphthalene	
12BLK	5/22/2024	0.13	µg/m3	1,3-Butadiene	
12BLK	5/22/2024	0.19	µg/m3	Benzene	
12BLK	5/22/2024	0.24	µg/m3	Toluene	
12BLK	5/22/2024	0.22	µg/m3	n-Hexane	
13	5/22/2024	0.07	µg/m3	Naphthalene	
13	5/22/2024	0.13	µg/m3	1,3-Butadiene	
13	5/22/2024	0.54	µg/m3	Benzene	
13	5/22/2024	0.37	µg/m3	Toluene	
13	5/22/2024	0.27	µg/m3	n-Hexane	
14	5/22/2024	0.07	µg/m3	Naphthalene	
14	5/22/2024	0.13	µg/m3	1,3-Butadiene	
14	5/22/2024	0.40	µg/m3	Benzene	
14	5/22/2024	0.51	µg/m3	Toluene	
14	5/22/2024	0.38	µg/m3	n-Hexane	
14DUP	5/22/2024	0.07	µg/m3	Naphthalene	
14DUP	5/22/2024	0.13	µg/m3	1,3-Butadiene	
14DUP	5/22/2024	0.37	µg/m3	Benzene	
14DUP	5/22/2024	0.46	µg/m3	Toluene	
14DUP	5/22/2024	0.22	µg/m3	n-Hexane	
15	5/22/2024	0.07	µg/m3	Naphthalene	
15	5/22/2024	0.13	µg/m3	1,3-Butadiene	
15	5/22/2024	0.37	µg/m3	Benzene	
15	5/22/2024	0.52	µg/m3	Toluene	
15	5/22/2024	0.29	µg/m3	n-Hexane	
16	5/22/2024	0.07	µg/m3	Naphthalene	
16	5/22/2024	0.13	µg/m3	1,3-Butadiene	
16	5/22/2024	0.48	µg/m3	Benzene	
16	5/22/2024	0.50	µg/m3	Toluene	
16	5/22/2024	0.32	µg/m3	n-Hexane	
17	5/22/2024	0.07	µg/m3	Naphthalene	
17	5/22/2024	0.13	µg/m3	1,3-Butadiene	
17	5/22/2024	0.33	µg/m3	Benzene	
17	5/22/2024	0.44	µg/m3	Toluene	
17	5/22/2024	0.29	µg/m3	n-Hexane	
18	5/22/2024	0.07	µg/m3	Naphthalene	
18	5/22/2024	0.13	µg/m3	1,3-Butadiene	
18	5/22/2024	0.38	µg/m3	Benzene	
18	5/22/2024	0.59	µg/m3	Toluene	
18	5/22/2024	0.36	µg/m3	n-Hexane	
19	5/22/2024	0.07	µg/m3	Naphthalene	
19	5/22/2024	0.13	µg/m3	1,3-Butadiene	
19	5/22/2024	0.35	µg/m3	Benzene	
19	5/22/2024	0.50	µg/m3	Toluene	
19	5/22/2024	0.37	µg/m3	n-Hexane	
20	5/22/2024	0.07	µg/m3	Naphthalene	
20	5/22/2024	0.13	µg/m3	1,3-Butadiene	
20	5/22/2024	0.39	µg/m3	Benzene	
20	5/22/2024	0.53	µg/m3	Toluene	
20	5/22/2024	0.44	µg/m3	n-Hexane	

High Benzene Reading µg/m3:	0.56
Low Benzene Reading µg/m3:	0.32
Benzene Action Level µg/m3:	9.0
Action Threshold Exceeded (Y/N):	N



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.2	0	0	0	0.86
02	0.17	0	0	0	0.2
04	0.13	0	0	0	0

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/01/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/01/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/01/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/01/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0028	2.8042	0:00	119	0.1520	152.0233	0:00	N/A	0	0.0000	0:00	39	0.0042	4.2491	*See Field Investigation Below
0:15	60	0.0014	1.3998	0:05	119	0.1522	152.2416	0:15	N/A	0	0.0000	0:15	39	0.0039	3.8611	*See Field Investigation Below
0:30	60	0.0006	0.6441	0:10	119	0.1527	152.6965	0:30	N/A	0	0.0000	0:30	39	0.0037	3.6743	*See Field Investigation Below
0:45	60	0.0018	1.8465	0:15	119	0.1519	151.8730	0:45	N/A	0	0.0000	0:45	39	0.0033	3.2754	*See Field Investigation Below
1:00	60	0.0021	2.0504	0:20	119	0.1514	151.4038	1:00	N/A	0	0.0000	1:00	39	0.0028	2.8304	*See Field Investigation Below
1:15	60	0.0015	1.5171	0:25	119	0.1507	150.6807	1:15	N/A	0	0.0000	1:15	39	0.0025	2.5168	*See Field Investigation Below
1:30	60	0.0043	4.3038	0:30	119	0.1496	149.6097	1:30	N/A	0	0.0000	1:30	39	0.0022	2.1922	*See Field Investigation Below
1:45	60	0.0038	3.7628	0:35	119	0.1484	148.4325	1:45	N/A	0	0.0000	1:45	39	0.0018	1.7626	*See Field Investigation Below
2:00	60	0.0012	1.2140	0:40	119	0.1484	148.3560	2:00	N/A	0	0.0000	2:00	39	0.0016	1.6335	*See Field Investigation Below
2:15	60	0.0012	1.1795	0:45	119	0.1488	148.8462	2:15	N/A	0	0.0000	2:15	39	0.0016	1.5730	*See Field Investigation Below
2:30	60	0.0008	0.8224	0:50	119	0.1462	146.1768	2:30	N/A	0	0.0000	2:30	39	0.0016	1.5527	*See Field Investigation Below
2:45	60	0.0008	0.8270	0:55	119	0.1449	144.9200	2:45	N/A	0	0.0000	2:45	39	0.0019	1.9327	*See Field Investigation Below
3:00	60	0.0004	0.4020	1:00	119	0.1423	142.2670	3:00	N/A	0	0.0000	3:00	39	0.0022	2.2447	*See Field Investigation Below
3:15	60	0.0000	0.0000	1:05	119	0.1409	140.8535	3:15	N/A	0	0.0000	3:15	39	0.0024	2.3892	*See Field Investigation Below
3:30	60	0.0000	0.0064	1:10	119	0.1404	140.4387	3:30	N/A	0	0.0000	3:30	39	0.0023	2.2834	*See Field Investigation Below
3:45	60	0.0000	0.0062	1:15	119	0.1414	141.3764	3:45	N/A	0	0.0000	3:45	39	0.0019	1.8868	*See Field Investigation Below
4:00	60	0.0001	0.1404	1:20	119	0.1422	142.1703	4:00	N/A	0	0.0000	4:00	39	0.0015	1.5033	*See Field Investigation Below
4:15	60	0.0003	0.3491	1:25	119	0.1416	141.5674	4:15	N/A	0	0.0000	4:15	39	0.0012	1.1554	*See Field Investigation Below
4:30	60	0.0002	0.1973	1:30	119	0.1404	140.3616	4:30	N/A	0	0.0000	4:30	39	0.0012	1.1725	*See Field Investigation Below
4:45	60	0.0000	0.0000	1:35	119	0.1382	138.1981	4:45	N/A	0	0.0000	4:45	39	0.0019	1.9169	*See Field Investigation Below
5:00	60	0.0003	0.3136	1:40	119	0.1383	138.2739	5:00	N/A	0	0.0000	5:00	39	0.0020	1.9513	*See Field Investigation Below
5:15	60	0.0003	0.2784	1:45	119	0.1376	137.5544	5:15	N/A	0	0.0000	5:15	39	0.0022	2.2319	*See Field Investigation Below
5:30	60	0.0004	0.4358	1:50	119	0.1370	137.0247	5:30	N/A	0	0.0000	5:30	39	0.0019	1.8801	*See Field Investigation Below
5:45	60	0.0005	0.4603	1:55	119	0.1365	136.4625	5:45	N/A	0	0.0000	5:45	39	0.0010	1.0267	*See Field Investigation Below
6:00	60	0.0000	0.0197	2:00	119	0.1357	135.6949	6:00	N/A	0	0.0000	6:00	39	0.0004	0.4041	*See Field Investigation Below
6:15	60	0.0000	0.0214	2:05	119	0.1373	137.2543	6:15	N/A	0	0.0000	6:15	39	0.0000	0.0000	*See Field Investigation Below
6:30	60	0.0010	1.0198	2:10	119	0.1369	136.8584	6:30	N/A	0	0.0000	6:30	39	0.0000	0.0000	*See Field Investigation Below
6:45	60	0.0013	1.2750	2:15	119	0.1362	136.2120	6:45	N/A	0	0.0000	6:45	39	0.0000	0.0000	*See Field Investigation Below
7:00	60	0.0003	0.3448	2:20	119	0.1361	136.0561	7:00	N/A	0	0.0000	7:00	39	0.0000	0.0000	*See Field Investigation Below
7:15	60	0.0013	1.3453	2:25	119	0.1354	135.3973	7:15	N/A	0	0.0000	7:15	39	0.0000	0.0000	*See Field Investigation Below
7:30	60	0.0024	2.4139	2:30	119	0.1357	135.7049	7:30	N/A	0	0.0000	7:30	39	0.0011	1.1096	*See Field Investigation Below
7:45	60	0.0015	1.5010	2:35	119	0.1363	136.2522	7:45	N/A	0	0.0000	7:45	39	0.0035	3.5314	*See Field Investigation Below

8:00	60	0.0003	0.2544	2:40	119	0.1353	135.2555	8:00	N/A	0	0.0000	8:00	39	0.0006	0.5665	*See Field Investigation Below
8:15	60	0.0030	3.0392	2:45	119	0.1347	134.6648	8:15	N/A	0	0.0000	8:15	39	0.0021	2.1128	*See Field Investigation Below
8:30	60	0.0051	5.1191	2:50	119	0.1355	135.5327	8:30	N/A	0	0.0000	8:30	39	0.0054	5.4228	*See Field Investigation Below
8:45	60	0.0034	3.3517	2:55	119	0.1353	135.3270	8:45	N/A	0	0.0000	8:45	39	0.0046	4.6217	*See Field Investigation Below
9:00	60	0.0057	5.6501	3:00	119	0.1330	133.0472	9:00	N/A	0	0.0000	9:00	39	0.0084	8.3636	*See Field Investigation Below
9:15	60	0.0069	6.9110	3:05	119	0.1317	131.7340	9:15	N/A	0	0.0000	9:15	39	0.0116	11.5586	*See Field Investigation Below
9:30	60	0.0130	13.0068	3:10	119	0.1335	133.4725	9:30	N/A	0	0.0000	9:30	39	0.0093	9.2894	*See Field Investigation Below
9:45	60	0.1026	102.5929	3:15	119	0.1366	136.5985	9:45	N/A	0	0.0000	9:45	39	0.0074	7.3880	*See Field Investigation Below
9:50	60	0.0856	85.6290	3:20	119	0.1371	137.1413	10:00	N/A	0	0.0000	10:00	39	0.0075	7.5031	*See Field Investigation Below
9:55	60	0.0727	72.7408	3:25	119	0.1363	136.3221	10:15	N/A	0	0.0000	10:15	39	0.0081	8.1103	*See Field Investigation Below
10:00	60	0.0465	46.4849	3:30	119	0.1360	135.9543	10:30	N/A	0	0.0000	10:30	39	0.0086	8.5674	*See Field Investigation Below
10:05	60	0.0805	80.5086	3:35	119	0.1357	135.6841	10:45	N/A	0	0.0000	10:45	39	0.0085	8.5409	*See Field Investigation Below
10:10	60	0.1346	134.5730	3:40	119	0.1356	135.6422	11:00	N/A	0	0.0000	11:00	39	0.0085	8.5488	*See Field Investigation Below
10:15	60	0.1958	195.7907	3:45	119	0.1356	135.6133	11:15	N/A	0	0.0000	11:15	39	0.0091	9.1467	*See Field Investigation Below
10:20	60	0.1077	107.6942	3:50	119	0.1347	134.6579	11:30	N/A	0	0.0000	11:30	39	0.0094	9.3603	*See Field Investigation Below
10:25	60	0.0801	80.0724	3:55	119	0.1349	134.8734	11:45	N/A	0	0.0000	11:45	39	0.0102	10.1796	*See Field Investigation Below
10:30	60	0.0778	77.8055	4:00	119	0.1333	133.3200	12:00	N/A	0	0.0000	12:00	39	0.0113	11.3116	*See Field Investigation Below
10:35	60	0.0888	88.7675	4:05	119	0.1321	132.0590	12:15	N/A	0	0.0000	12:15	39	0.0130	13.0057	*See Field Investigation Below
10:40	60	0.0688	68.7832	4:10	119	0.1305	130.5450	12:30	N/A	0	0.0000	12:30	39	0.0146	14.6063	*See Field Investigation Below
10:45	60	0.0816	81.5909	4:15	119	0.1291	129.1382	12:45	N/A	0	0.0000	12:45	39	0.0169	16.9174	*See Field Investigation Below
10:50	60	0.0898	89.8222	4:20	119	0.1297	129.7426	13:00	N/A	0	0.0000	13:00	39	0.0197	19.7325	*See Field Investigation Below
10:55	60	0.0798	79.7515	4:25	119	0.1314	131.4002	13:15	N/A	0	0.0000	13:15	39	0.0222	22.2214	*See Field Investigation Below
11:00	60	0.0596	59.6109	4:30	119	0.1295	129.4837	13:30	N/A	0	0.0000	13:30	39	0.0242	24.2459	*See Field Investigation Below
11:05	60	0.0686	68.6093	4:35	119	0.1279	127.8697	13:45	N/A	0	0.0000	13:45	39	0.0258	25.8170	*See Field Investigation Below
11:10	60	0.0582	58.1711	4:40	119	0.1303	130.2801	14:00	N/A	0	0.0000	14:00	39	0.0289	28.9123	*See Field Investigation Below
11:15	60	0.0535	53.4548	4:45	119	0.1306	130.6287	14:15	N/A	0	0.0000	14:15	39	0.0323	32.3018	*See Field Investigation Below
11:30	60	0.0369	36.9096	4:50	119	0.1284	128.3875	14:30	N/A	0	0.0000	14:30	39	0.0347	34.7440	*See Field Investigation Below
11:45	60	0.0375	37.4849	4:55	119	0.1280	127.9968	14:45	N/A	5.887E-07	0.0006	14:45	39	0.0370	37.0006	*See Field Investigation Below
12:00	60	0.0324	32.3933	5:00	119	0.1260	126.0225	15:00	N/A	0.000625	0.6250	15:00	39	0.0378	37.7801	*See Field Investigation Below
12:15	60	0.0280	28.0264	5:05	119	0.1252	125.1870	15:15	N/A	0.0017536	1.7536	15:05	39	0.0387	38.6774	*See Field Investigation Below
12:30	60	0.0233	23.2861	5:10	119	0.1249	124.8584	15:30	N/A	0.0022402	2.2402	15:10	39	0.0397	39.6560	*See Field Investigation Below
12:45	60	0.0249	24.9301	5:15	119	0.1245	124.5230	15:45	N/A	0.0029437	2.9437	15:15	39	0.0405	40.4613	*See Field Investigation Below
13:00	60	0.0277	27.7438	5:20	119	0.1268	126.8110	16:00	N/A	0.0036511	3.6511	15:20	39	0.0392	39.1699	*See Field Investigation Below
13:15	60	0.0204	20.3874	5:25	119	0.1255	125.5029	16:15	N/A	0.0048807	4.8807	15:25	39	0.0411	41.1284	*See Field Investigation Below
13:20	60	0.1045	104.5326	5:30	119	0.1246	124.5668	16:30	N/A	0.0057736	5.7736	15:30	39	0.0423	42.3347	*See Field Investigation Below
13:25	60	0.0932	93.1988	5:35	119	0.1267	126.7445	16:45	N/A	0.0060593	6.0593	15:35	39	0.0435	43.5476	*See Field Investigation Below
13:30	60	0.0063	6.3279	5:40	119	0.1268	126.8445	17:00	N/A	0.0072944	7.2944	15:40	39	0.0448	44.7831	*See Field Investigation Below
13:35	60	0.0003	0.3219	5:45	119	0.1275	127.5356	17:15	N/A	0.0075926	7.5926	15:45	39	0.0448	44.8266	*See Field Investigation Below
13:40	60	0.1086	108.5933	5:50	119	0.1287	128.6782	17:30	N/A	0.0081532	8.1532	15:50	39	0.0457	45.7208	*See Field Investigation Below
13:45	60	0.2090	209.0293	5:55	119	0.1297	129.6617	17:45	N/A	0.0088197	8.8197	15:55	39	0.0469	46.8802	*See Field Investigation Below
13:50	60	0.1344	134.3701	6:00	119	0.1283	128.3360	18:00	N/A	0.009407	9.4070	16:00	39	0.0480	48.0472	*See Field Investigation Below
13:55	60	0.0579	57.9392	6:05	119	0.1265	126.4570	18:15	N/A	0.0093778	9.3778	16:05	39	0.0477	47.7203	*See Field Investigation Below
14:00	60	0.0812	81.1755	6:10	119	0.1263	126.2570	18:30	N/A	0.0092375	9.2375	16:10	39	0.0472	47.2008	*See Field Investigation Below
14:05	60	0.0576	57.6493	6:15	119	0.1256	125.5867	18:45	N/A	0.009576	9.5760	16:15	39	0.0514	51.4499	*See Field Investigation Below
14:10	60	0.0662	66.2047	6:20	119	0.1217	121.7355	19:00	N/A	0.0099153	9.9153	16:20	39	0.0524	52.3548	*See Field Investigation Below
14:15	60	0.0646	64.5711	6:25	119	0.1232	123.2099	19:15	N/A	0.0100389	10.0389	16:25	39	0.0529	52.8536	*See Field Investigation Below
14:20	60	0.0494	49.3762	6:30	119	0.1246	124.6403	19:30	N/A	0.009845	9.8450	16:30	39	0.0532	53.2179	*See Field Investigation Below
14:25	60	0.0427	42.7138	6:35	119	0.1258	125.8365	19:45	N/A	0.0086438	8.6438	16:35	39	0.0542	54.2093	*See Field Investigation Below
14:30	60	0.0441	44.1276	6:40	119	0.1254	125.3776	20:00	N/A	0.0070443	7.0443	16:40	39	0.0551	55.1316	*See Field Investigation Below
14:45	60	0.0312	31.1795	6:45	119	0.1253	125.3187	20:15	N/A	0.0042484	4.2484	16:45	39	0.0512	51.2374	*See Field Investigation Below
15:00	60	0.0274	27.4270	6:50	119	0.1238	123.7719	20:30	N/A	0.0008267	0.8267	16:50	39	0.0483	48.2661	*See Field Investigation Below
15:15	60	0.0289	28.9377	6:55	119	0.1234	123.3941	20:45	N/A	1.733E-05	0.0173	16:55	39	0.0480	48.0257	*See Field Investigation Below
15:30	60	0.0241	24.0657	7:00	119	0.1242	124.2497	21:00	N/A	0	0.0000	17:00	39	0.0490	48.9699	*See Field Investigation Below

15:45	60	0.0241	24.1395	7:05	119	0.1240	124.0149	21:15	N/A	0	0.0000	17:05	39	0.0498	49.8196	*See Field Investigation Below
16:00	60	0.0255	25.4801	7:10	119	0.1255	125.5231	21:30	N/A	0	0.0000	17:10	39	0.0528	52.8310	*See Field Investigation Below
16:15	60	0.0213	21.3496	7:15	119	0.1246	124.5557	21:45	N/A	0	0.0000	17:15	39	0.0586	58.5631	*See Field Investigation Below
16:30	60	0.0220	21.9547	7:20	119	0.1272	127.1670	22:00	N/A	0	0.0000	17:20	39	0.0593	59.3047	*See Field Investigation Below
16:45	60	0.0209	20.8843	7:25	119	0.1348	134.7635	22:15	N/A	0	0.0000	17:25	39	0.0601	60.0861	*See Field Investigation Below
17:00	60	0.0142	14.1845	7:30	119	0.1408	140.8186	22:30	N/A	0	0.0000	17:30	39	0.0562	56.2407	*See Field Investigation Below
17:15	60	0.0129	12.8765	7:35	119	0.1352	135.1631	22:45	N/A	0	0.0000	17:35	39	0.0572	57.2173	*See Field Investigation Below
17:30	60	0.0195	19.5260	7:40	119	0.1371	137.1228	23:00	N/A	0	0.0000	17:40	39	0.0618	61.7995	*See Field Investigation Below
17:45	60	0.0182	18.2191	7:45	119	0.1354	135.3835	23:15	N/A	0	0.0000	17:45	39	0.0578	57.8228	*See Field Investigation Below
18:00	60	0.0183	18.2726	7:50	119	0.1362	136.1912	23:30	N/A	0	0.0000	17:50	39	0.0573	57.2865	*See Field Investigation Below
18:15	60	0.0185	18.4520	7:55	119	0.1383	138.3079	23:45	N/A	0	0.0000	17:55	39	0.0638	63.8240	*See Field Investigation Below
18:30	60	0.0229	22.891917	8:00	119	0.1419	141.91946					18:00	39	0.0639	63.925355	*See Field Investigation Below
18:45	60	0.0205	20.547738	8:05	119	0.1431	143.07571					18:05	39	0.0626	62.644386	*See Field Investigation Below
19:00	60	0.0136	13.573524	8:10	119	0.1437	143.65314					18:10	39	0.0558	55.809074	*See Field Investigation Below
19:15	60	0.0185	18.499363	8:15	119	0.1487	148.71418					18:15	39	0.0640	63.985894	*See Field Investigation Below
19:30	60	0.0168	16.781711	8:20	119	0.1565	156.52949					18:20	39	0.0635	63.465018	*See Field Investigation Below
19:45	60	0.0133	13.254617	8:25	119	0.1493	149.25993					18:25	39	0.0625	62.454394	*See Field Investigation Below
20:00	60	0.0124	12.429437	8:30	119	0.1495	149.45101					18:30	39	0.0616	61.584599	*See Field Investigation Below
20:15	60	0.0124	12.367581	8:35	119	0.1485	148.49874					18:35	39	0.0609	60.888562	*See Field Investigation Below
20:30	60	0.0099	9.9210481	8:40	119	0.1504	150.44511					18:40	39	0.0573	57.281748	*See Field Investigation Below
20:45	60	0.0098	9.8058978	8:45	119	0.1577	157.67342					18:45	39	0.0508	50.80183	*See Field Investigation Below
21:00	60	0.0087	8.6659846	8:50	119	0.1510	150.95843					18:50	39	0.0518	51.768621	*See Field Investigation Below
21:15	60	0.0083	8.2834357	8:55	119	0.1538	153.78081					18:55	39	0.0600	59.974624	*See Field Investigation Below
21:30	60	0.0079	7.9326181	9:00	119	0.1628	162.76603					19:00	39	0.0597	59.719193	*See Field Investigation Below
21:45	60	0.0060	5.9907235	9:05	119	0.1550	155.02464					19:05	39	0.0595	59.461955	*See Field Investigation Below
22:00	60	0.0047	4.657094	9:10	119	0.1647	164.7155					19:10	39	0.0592	59.198704	*See Field Investigation Below
22:15	60	0.0042	4.2317204	9:15	119	0.1651	165.14186					19:15	39	0.0590	58.98103	*See Field Investigation Below
22:30	60	0.0054	5.4044864	9:20	119	0.1555	155.46081					19:20	39	0.0587	58.689156	*See Field Investigation Below
22:45	60	0.0056	5.6377034	9:25	119	0.1520	152.04318					19:25	39	0.0580	57.981049	*See Field Investigation Below
23:00	60	0.0064	6.3606833	9:30	119	0.1505	150.53087					19:30	39	0.0542	54.248153	*See Field Investigation Below
23:15	60	0.0056	5.5736283	9:35	119	0.1538	153.78686					19:35	39	0.0476	47.630898	*See Field Investigation Below
23:30	60	0.0030	2.9729121	9:40	119	0.1528	152.78123					19:40	39	0.0518	51.768018	*See Field Investigation Below
23:45	60	0.0019	1.9310733	9:45	119	0.1488	148.81856					19:45	39	0.0506	50.60749	*See Field Investigation Below
				9:50	119	0.1469	146.871					19:50	39	0.0502	50.158405	*See Field Investigation Below
				9:55	119	0.1479	147.92713					19:55	39	0.0530	53.002399	*See Field Investigation Below
				10:00	119	0.1504	150.38817					20:00	39	0.0520	51.955489	*See Field Investigation Below
				10:05	119	0.1518	151.79787					20:05	39	0.0508	50.84566	*See Field Investigation Below
				10:10	119	0.1525	152.49384					20:10	39	0.0492	49.213079	*See Field Investigation Below
				10:15	119	0.1530	153.0474					20:15	39	0.0466	46.642441	*See Field Investigation Below
				10:20	119	0.1539	153.91038					20:20	39	0.0441	44.054304	*See Field Investigation Below
				10:25	119	0.1515	151.49765					20:25	39	0.0410	40.971278	*See Field Investigation Below
				10:30	119	0.1502	150.15936					20:30	39	0.0390	39.000333	*See Field Investigation Below
				10:35	119	0.1464	146.39565					20:35	39	0.0370	37.037197	*See Field Investigation Below
				10:40	119	0.1459	145.94628					20:40	39	0.0340	34.028417	*See Field Investigation Below
				10:45	119	0.1442	144.20106					20:45	39	0.0335	33.5413	*See Field Investigation Below
				10:50	119	0.1428	142.8143					21:00	39	0.0265	26.485593	*See Field Investigation Below
				10:55	119	0.1443	144.30904					21:15	39	0.0214	21.371256	*See Field Investigation Below
				11:00	119	0.1430	143.02818					21:30	39	0.0185	18.472436	*See Field Investigation Below
				11:05	119	0.1425	142.5125					21:45	39	0.0166	16.611461	*See Field Investigation Below
				11:10	119	0.1419	141.92478					22:00	39	0.0148	14.845121	*See Field Investigation Below
				11:15	119	0.1404	140.40673					22:15	39	0.0138	13.831531	*See Field Investigation Below
				11:20	119	0.1413	141.32312					22:30	39	0.0129	12.91883	*See Field Investigation Below
				11:25	119	0.1374	137.39548					22:45	39	0.0124	12.393501	*See Field Investigation Below

21:05	119	0.1455	145.46996
21:10	119	0.1475	147.46532
21:15	119	0.1502	150.18669
21:20	119	0.1516	151.55606
21:25	119	0.1525	152.51805
21:30	119	0.1534	153.44934
21:35	119	0.1546	154.60036
21:40	119	0.1552	155.23428
21:45	119	0.1558	155.76196
21:50	119	0.1572	157.16209
21:55	119	0.1570	157.03362
22:00	119	0.1573	157.32408
22:05	119	0.1575	157.50781
22:10	119	0.1581	158.06398
22:15	119	0.1588	158.79602
22:20	119	0.1598	159.78473
22:25	119	0.1602	160.22375
22:30	119	0.1599	159.89939
22:35	119	0.1603	160.28145
22:40	119	0.1606	160.59049
22:45	119	0.1608	160.79343
22:50	119	0.1613	161.25872
22:55	119	0.1618	161.76566
23:00	119	0.1621	162.10687
23:05	119	0.1625	162.47311
23:10	119	0.1624	162.35837
23:15	119	0.1620	161.98589
23:20	119	0.1618	161.75922
23:25	119	0.1614	161.39502
23:30	119	0.1616	161.57286
23:35	119	0.1620	161.96101
23:40	119	0.1621	162.07395
23:45	119	0.1622	162.23847
23:50	119	0.1626	162.6434
23:55	119	0.1632	163.22219

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* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv

CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.16	0	0	0	0.13
04	0.14	0	0	0	0

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

05/02/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/02/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/02/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/02/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0012	1.1636	0:00	119	0.1637	163.7422	0:00	N/A	0	0.0000	0:00	39	0.0102	10.2441	*See Field Investigation Below
0:15	60	0.0013	1.3127	0:05	119	0.1638	163.7983	0:15	N/A	0	0.0000	0:15	39	0.0094	9.4146	*See Field Investigation Below
0:30	60	0.0037	3.7441	0:10	119	0.1641	164.1468	0:30	N/A	0.0003075	0.3075	0:30	39	0.0090	9.0402	*See Field Investigation Below
0:45	60	0.0057	5.6519	0:15	119	0.1645	164.5036	0:45	N/A	7.838E-06	0.0078	0:45	39	0.0089	8.9425	*See Field Investigation Below
1:00	60	0.0042	4.1583	0:20	119	0.1649	164.9067	1:00	N/A	0	0.0000	1:00	39	0.0086	8.6403	*See Field Investigation Below
1:15	60	0.0059	5.8620	0:25	119	0.1651	165.1442	1:15	N/A	0	0.0000	1:15	39	0.0083	8.2704	*See Field Investigation Below
1:30	60	0.0039	3.9019	0:30	119	0.1655	165.5270	1:30	N/A	0	0.0000	1:30	39	0.0080	8.0013	*See Field Investigation Below
1:45	60	0.0030	2.9996	0:35	119	0.1659	165.8953	1:45	N/A	0	0.0000	1:45	39	0.0078	7.7847	*See Field Investigation Below
2:00	60	0.0028	2.7526	0:40	119	0.1664	166.3909	2:00	N/A	0	0.0000	2:00	39	0.0076	7.6072	*See Field Investigation Below
2:15	60	0.0043	4.3107	0:45	119	0.1665	166.4838	2:15	N/A	0	0.0000	2:15	39	0.0074	7.4262	*See Field Investigation Below
2:30	60	0.0044	4.3862	0:50	119	0.1669	166.8794	2:30	N/A	0	0.0000	2:30	39	0.0076	7.6203	*See Field Investigation Below
2:45	60	0.0064	6.3629	0:55	119	0.1672	167.2227	2:45	N/A	0	0.0000	2:45	39	0.0076	7.5811	*See Field Investigation Below
3:00	60	0.0053	5.3218	1:00	119	0.1671	167.1127	3:00	N/A	0	0.0000	3:00	39	0.0073	7.2751	*See Field Investigation Below
3:15	60	0.0070	6.9773	1:05	119	0.1674	167.3767	3:15	N/A	0	0.0000	3:15	39	0.0069	6.8889	*See Field Investigation Below
3:30	60	0.0091	9.1037	1:10	119	0.1675	167.4795	3:30	N/A	0	0.0000	3:30	39	0.0063	6.3367	*See Field Investigation Below
3:45	60	0.0087	8.7448	1:15	119	0.1680	167.9742	3:45	N/A	0	0.0000	3:45	39	0.0060	5.9943	*See Field Investigation Below
4:00	60	0.0062	6.1973	1:20	119	0.1686	168.5923	4:00	N/A	0	0.0000	4:00	39	0.0057	5.6891	*See Field Investigation Below
4:15	60	0.0090	8.9511	1:25	119	0.1688	168.8255	4:15	N/A	0	0.0000	4:15	39	0.0053	5.2827	*See Field Investigation Below
4:30	60	0.0051	5.0710	1:30	119	0.1691	169.1123	4:30	N/A	0	0.0000	4:30	39	0.0050	4.9649	*See Field Investigation Below
4:45	60	0.0067	6.6802	1:35	119	0.1695	169.5430	4:45	N/A	0	0.0000	4:45	39	0.0048	4.7848	*See Field Investigation Below
5:00	60	0.0073	7.2852	1:40	119	0.1700	169.9701	5:00	N/A	0	0.0000	5:00	39	0.0050	5.0137	*See Field Investigation Below
5:15	60	0.0056	5.5516	1:45	119	0.1701	170.0568	5:15	N/A	0	0.0000	5:15	39	0.0053	5.3403	*See Field Investigation Below
5:30	60	0.0043	4.3430	1:50	119	0.1707	170.6741	5:30	N/A	0	0.0000	5:30	39	0.0055	5.5346	*See Field Investigation Below
5:45	60	0.0042	4.2157	1:55	119	0.1707	170.7187	5:45	N/A	0	0.0000	5:45	39	0.0062	6.2186	*See Field Investigation Below
6:00	60	0.0072	7.1960	2:00	119	0.1706	170.5923	6:00	N/A	0	0.0000	6:00	39	0.0078	7.7707	*See Field Investigation Below
6:15	60	0.0054	5.4115	2:05	119	0.1709	170.9185	6:15	N/A	0	0.0000	6:15	39	0.0072	7.1543	*See Field Investigation Below
6:30	60	0.0032	3.1887	2:10	119	0.1709	170.8937	6:30	N/A	0	0.0000	6:30	39	0.0058	5.7751	*See Field Investigation Below
6:45	60	0.0049	4.8501	2:15	119	0.1711	171.1201	6:45	N/A	0	0.0000	6:45	39	0.0057	5.7263	*See Field Investigation Below
7:00	60	0.0037	3.7276	2:20	119	0.1711	171.1459	7:00	N/A	0	0.0000	7:00	39	0.0060	6.0340	*See Field Investigation Below
7:15	60	0.0048	4.8354	2:25	119	0.1713	171.2853	7:15	N/A	0	0.0000	7:15	39	0.0066	6.6246	*See Field Investigation Below
7:30	60	0.0038	3.8188	2:30	119	0.1713	171.3469	7:30	N/A	0	0.0000	7:30	39	0.0067	6.7186	*See Field Investigation Below
7:45	60	0.0059	5.9456	2:35	119	0.1724	172.3723	7:45	N/A	0	0.0000	7:45	39	0.0073	7.3238	*See Field Investigation Below
8:00	60	0.0052	5.1832	2:40	119	0.1723	172.2773	8:00	N/A	0	0.0000	8:00	39	0.0097	9.6665	*See Field Investigation Below
8:15	60	0.0081	8.0635	2:45	119	0.1724	172.3764	8:15	N/A	0	0.0000	8:15	39	0.0084	8.4248	*See Field Investigation Below

8:30	60	0.0037	3.6958	2:50	119	0.1726	172.5507	8:30	N/A	0	0.0000	8:30	39	0.0065	6.5469	*See Field Investigation Below
8:45	60	0.0008	0.8032	2:55	119	0.1734	173.3668	8:45	N/A	0	0.0000	8:45	39	0.0089	8.9401	*See Field Investigation Below
9:00	60	0.0026	2.6462	3:00	119	0.1734	173.3841	9:00	N/A	0	0.0000	9:00	39	0.0124	12.4023	*See Field Investigation Below
9:15	60	0.0028	2.7705	3:05	119	0.1728	172.8106	9:15	N/A	0	0.0000	9:15	39	0.0109	10.9211	*See Field Investigation Below
9:30	60	0.0074	7.4373	3:10	119	0.1733	173.3406	9:30	N/A	0	0.0000	9:30	39	0.0131	13.1243	*See Field Investigation Below
9:45	60	0.0097	9.7438	3:15	119	0.1729	172.8838	9:45	N/A	0	0.0000	9:45	39	0.0151	15.1478	*See Field Investigation Below
10:00	60	0.0114	11.4494	3:20	119	0.1737	173.6955	10:00	N/A	0	0.0000	10:00	39	0.0157	15.7456	*See Field Investigation Below
10:15	60	0.0114	11.4360	3:25	119	0.1745	174.4598	10:15	N/A	0	0.0000	10:15	39	0.0141	14.1248	*See Field Investigation Below
10:30	60	0.0083	8.2838	3:30	119	0.1738	173.8154	10:30	N/A	0	0.0000	10:30	39	0.0103	10.3111	*See Field Investigation Below
10:45	60	0.0103	10.3016	3:35	119	0.1736	173.6490	10:45	N/A	0	0.0000	10:45	39	0.0116	11.5638	*See Field Investigation Below
11:00	60	0.0108	10.8037	3:40	119	0.1736	173.6118	11:00	N/A	0	0.0000	11:00	39	0.0122	12.1896	*See Field Investigation Below
11:15	60	0.0123	12.2983	3:45	119	0.1738	173.8213	11:15	N/A	0	0.0000	11:15	39	0.0137	13.6730	*See Field Investigation Below
11:30	60	0.0130	13.0260	3:50	119	0.1736	173.6309	11:30	N/A	0	0.0000	11:30	39	0.0144	14.3850	*See Field Investigation Below
11:45	60	0.0131	13.0895	3:55	119	0.1743	174.2882	11:45	N/A	0.000803	0.8030	11:45	39	0.0156	15.6092	*See Field Investigation Below
12:00	60	0.0138	13.8150	4:00	119	0.1742	174.1634	12:00	N/A	0.0007839	0.7839	12:00	39	0.0180	17.9679	*See Field Investigation Below
12:15	60	0.0149	14.9302	4:05	119	0.1739	173.9080	12:15	N/A	0.0002535	0.2535	12:15	39	0.0204	20.4168	*See Field Investigation Below
12:30	60	0.0159	15.9067	4:10	119	0.1737	173.6849	12:30	N/A	0.0003583	0.3583	12:30	39	0.0223	22.2503	*See Field Investigation Below
12:45	60	0.0171	17.0508	4:15	119	0.1734	173.4087	12:45	N/A	6.016E-05	0.0602	12:45	39	0.0233	23.3045	*See Field Investigation Below
13:00	60	0.0184	18.4143	4:20	119	0.1739	173.9068	13:00	N/A	0	0.0000	13:00	39	0.0277	27.7223	*See Field Investigation Below
13:15	60	0.0189	18.8633	4:25	119	0.1739	173.9465	13:15	N/A	0	0.0000	13:15	39	0.0348	34.8055	*See Field Investigation Below
13:30	60	0.0188	18.7885	4:30	119	0.1737	173.6996	13:30	N/A	0	0.0000	13:30	39	0.0408	40.7884	*See Field Investigation Below
13:45	60	0.0205	20.4727	4:35	119	0.1727	172.7035	13:45	N/A	0	0.0000	13:35	39	0.0418	41.7761	*See Field Investigation Below
14:00	60	0.0232	23.2201	4:40	119	0.1728	172.7737	14:00	N/A	0	0.0000	13:40	39	0.0450	44.9993	*See Field Investigation Below
14:15	60	0.0235	23.5146	4:45	119	0.1735	173.5336	14:15	N/A	0	0.0000	13:45	39	0.0467	46.7035	*See Field Investigation Below
14:30	60	0.0231	23.0550	4:50	119	0.1728	172.8098	14:30	N/A	0	0.0000	13:50	39	0.0480	47.9591	*See Field Investigation Below
14:45	60	0.0227	22.7400	4:55	119	0.1733	173.2579	14:45	N/A	0	0.0000	13:55	39	0.0504	50.4291	*See Field Investigation Below
15:00	60	0.0222	22.1809	5:00	119	0.1723	172.3496	15:00	N/A	0.0008974	0.8974	14:00	39	0.0521	52.0683	*See Field Investigation Below
15:15	60	0.0210	20.9737	5:05	119	0.1712	171.1778	15:15	N/A	0.002428	2.4280	14:05	39	0.0534	53.4360	*See Field Investigation Below
15:30	60	0.0186	18.5930	5:10	119	0.1705	170.5405	15:30	N/A	0.0037878	3.7878	14:10	39	0.0545	54.5039	*See Field Investigation Below
15:45	60	0.0164	16.3706	5:15	119	0.1699	169.9309	15:45	N/A	0.0054502	5.4502	14:15	39	0.0551	55.1360	*See Field Investigation Below
16:00	60	0.0169	16.9439	5:20	119	0.1689	168.9262	16:00	N/A	0.0068535	6.8535	14:20	39	0.0557	55.7336	*See Field Investigation Below
16:15	60	0.0148	14.8452	5:25	119	0.1694	169.4171	16:15	N/A	0.0083974	8.3974	14:25	39	0.0561	56.1373	*See Field Investigation Below
16:30	60	0.0125	12.5191	5:30	119	0.1684	168.3542	16:30	N/A	0.0095995	9.5995	14:30	39	0.0568	56.7633	*See Field Investigation Below
16:45	60	0.0110	11.0347	5:35	119	0.1688	168.8268	16:45	N/A	0.0114258	11.4258	14:35	39	0.0569	56.8690	*See Field Investigation Below
17:00	60	0.0097	9.6756	5:40	119	0.1674	167.4279	17:00	N/A	0.0129561	12.9561	14:40	39	0.0571	57.1282	*See Field Investigation Below
17:15	60	0.0085	8.5133	5:45	119	0.1670	166.9789	17:15	N/A	0.0141878	14.1878	14:45	39	0.0575	57.4593	*See Field Investigation Below
17:30	60	0.0075	7.5415	5:50	119	0.1668	166.8096	17:30	N/A	0.0150189	15.0189	14:50	39	0.0575	57.4773	*See Field Investigation Below
17:45	60	0.0060	5.9840	5:55	119	0.1647	164.7470	17:45	N/A	0.0167446	16.7446	14:55	39	0.0578	57.7794	*See Field Investigation Below
18:00	60	0.0047	4.6967	6:00	119	0.1638	163.7554	18:00	N/A	0.0182949	18.2949	15:00	39	0.0583	58.2592	*See Field Investigation Below
18:15	60	0.0032	3.1992	6:05	119	0.1680	167.9669	18:15	N/A	0.0193872	19.3872	15:05	39	0.0583	58.3495	*See Field Investigation Below
18:30	60	0.0015	1.4865	6:10	119	0.1634	163.4370	18:30	N/A	0.020724	20.7240	15:10	39	0.0605	60.4831	*See Field Investigation Below
18:45	60	0.0003	0.2915	6:15	119	0.1614	161.3636	18:45	N/A	0.0220068	22.0068	15:15	39	0.0599	59.9261	*See Field Investigation Below
19:00	60	0.0000	0.0000	6:20	119	0.1613	161.2601	19:00	N/A	0.0230328	23.0328	15:20	39	0.0595	59.4987	*See Field Investigation Below
19:15	60	0.0000	0.0000	6:25	119	0.1616	161.6062	19:15	N/A	0.0237654	23.7654	15:25	39	0.0596	59.5662	*See Field Investigation Below
19:30	60	0.0000	0.0000	6:30	119	0.1615	161.5198	19:30	N/A	0.0240487	24.0487	15:30	39	0.0602	60.2372	*See Field Investigation Below
19:45	60	0.0024	2.4108	6:35	119	0.1616	161.6439	19:45	N/A	0.0232685	23.2685	15:35	39	0.0610	61.0440	*See Field Investigation Below
20:00	60	0.0030	3.0142	6:40	119	0.1617	161.6859	20:00	N/A	0.0215233	21.5233	15:40	39	0.0614	61.4097	*See Field Investigation Below
20:15	60	0.0023	2.2522	6:45	119	0.1620	161.9880	20:15	N/A	0.0174439	17.4439	15:45	39	0.0621	62.0617	*See Field Investigation Below
20:30	60	0.0081	8.1335	6:50	119	0.1621	162.0654	20:30	N/A	0.011852	11.8520	15:50	39	0.0637	63.7111	*See Field Investigation Below
20:45	60	0.0120	12.0184	6:55	119	0.1622	162.1697	20:45	N/A	0.0068732	6.8732	15:55	39	0.0648	64.8313	*See Field Investigation Below
21:00	60	0.0125	12.5229	7:00	119	0.1624	162.3748	21:00	N/A	0.0034142	3.4142	16:00	39	0.0711	71.1339	*See Field Investigation Below
21:15	60	0.0111	11.1458	7:05	119	0.1612	161.2088	21:15	N/A	0.0017551	1.7551	16:05	39	0.0688	68.8024	*See Field Investigation Below
21:30	60	0.0097	9.7235	7:10	119	0.1626	162.5596	21:30	N/A	0.0012942	1.2942	16:10	39	0.0673	67.2910	*See Field Investigation Below

21:45	60	0.0084	8.3730	7:15	119	0.1649	164.8636	21:45	N/A	0.000271	0.2710	16:15	39	0.0678	67.7877	*See Field Investigation Below
22:00	60	0.0067	6.6507	7:20	119	0.1656	165.5960	22:00	N/A	0	0.0000	16:20	39	0.0692	69.2094	*See Field Investigation Below
22:15	60	0.0045	4.5145	7:25	119	0.1658	165.7920	22:15	N/A	0	0.0000	16:25	39	0.0701	70.1340	*See Field Investigation Below
22:30	60	0.0045	4.5294	7:30	119	0.1671	167.1110	22:30	N/A	0	0.0000	16:30	39	0.0717	71.7378	*See Field Investigation Below
22:45	60	0.0069	6.8701	7:35	119	0.1671	167.1137	22:45	N/A	0	0.0000	16:35	39	0.0736	73.6483	*See Field Investigation Below
23:00	60	0.0078	7.7549	7:40	119	0.1717	171.6902	23:00	N/A	0	0.0000	16:40	39	0.0749	74.8766	*See Field Investigation Below
23:15	60	0.0078	7.8312	7:45	119	0.1773	177.3323	23:15	N/A	0	0.0000	16:45	39	0.0761	76.0959	*See Field Investigation Below
23:30	60	0.0108	10.7818	7:50	119	0.1716	171.6334	23:30	N/A	0	0.0000	16:50	39	0.0769	76.9354	*See Field Investigation Below
23:45	60	0.0090	9.0279	7:55	119	0.1708	170.8082	23:45	N/A	0	0.0000	16:55	39	0.0779	77.9188	*See Field Investigation Below
				8:00	119	0.1714	171.42854					17:00	39	0.0783	78.316184	*See Field Investigation Below
				8:05	119	0.1786	178.57584					17:05	39	0.0785	78.457836	*See Field Investigation Below
				8:10	119	0.1692	169.21819					17:10	39	0.0793	79.343498	*See Field Investigation Below
				8:15	119	0.1567	156.74824					17:15	39	0.0792	79.195411	*See Field Investigation Below
				8:20	119	0.1483	148.28509					17:20	39	0.0786	78.59225	*See Field Investigation Below
				8:25	119	0.1449	144.9056					17:25	39	0.0790	79.045491	*See Field Investigation Below
				8:30	119	0.1394	139.35227					17:30	39	0.0792	79.236442	*See Field Investigation Below
				8:35	119	0.1332	133.20734					17:35	39	0.0800	80.038834	*See Field Investigation Below
				8:40	119	0.1292	129.18834					17:40	39	0.0800	80.026438	*See Field Investigation Below
				8:45	119	0.1278	127.8114					17:45	39	0.0804	80.356637	*See Field Investigation Below
				8:50	119	0.1344	134.41444					17:50	39	0.0805	80.525158	*See Field Investigation Below
				8:55	119	0.1300	130.04655					17:55	39	0.0808	80.802787	*See Field Investigation Below
				9:00	119	0.1256	125.63245					18:00	39	0.0812	81.175616	*See Field Investigation Below
				9:05	119	0.1309	130.93916					18:05	39	0.0810	81.042302	*See Field Investigation Below
				9:10	119	0.1212	121.17157					18:10	39	0.0812	81.158293	*See Field Investigation Below
				9:15	119	0.1214	121.39343					18:15	39	0.0805	80.462263	*See Field Investigation Below
				9:20	119	0.1240	124.01343					18:20	39	0.0799	79.909634	*See Field Investigation Below
				9:25	119	0.1246	124.60267					18:25	39	0.0800	80.001555	*See Field Investigation Below
				9:30	119	0.1250	124.97864					18:30	39	0.0792	79.193154	*See Field Investigation Below
				9:35	119	0.1267	126.74017					18:35	39	0.0788	78.799759	*See Field Investigation Below
				9:40	119	0.1277	127.68587					18:40	39	0.0786	78.579814	*See Field Investigation Below
				9:45	119	0.1265	126.51413					18:45	39	0.0781	78.103376	*See Field Investigation Below
				9:50	119	0.1276	127.56685					18:50	39	0.0778	77.83848	*See Field Investigation Below
				9:55	119	0.1273	127.28842					18:55	39	0.0768	76.753213	*See Field Investigation Below
				10:00	119	0.1285	128.48882					19:00	39	0.0758	75.796397	*See Field Investigation Below
				10:05	119	0.1300	129.95928					19:05	39	0.0751	75.083737	*See Field Investigation Below
				10:10	119	0.1295	129.459					19:10	39	0.0741	74.060566	*See Field Investigation Below
				10:15	119	0.1225	122.46491					19:15	39	0.0737	73.68258	*See Field Investigation Below
				10:20	119	0.1204	120.37477					19:20	39	0.0727	72.702604	*See Field Investigation Below
				10:25	119	0.1180	118.044					19:25	39	0.0716	71.641809	*See Field Investigation Below
				10:30	119	0.1172	117.19332					19:30	39	0.0714	71.423923	*See Field Investigation Below
				10:35	119	0.1188	118.79193					19:35	39	0.0703	70.318967	*See Field Investigation Below
				10:40	119	0.1207	120.69395					19:40	39	0.0691	69.092124	*See Field Investigation Below
				10:45	119	0.1188	118.83658					19:45	39	0.0799	79.873947	*See Field Investigation Below
				11:00	119	0.1133	113.33591					19:50	39	0.0811	81.093504	*See Field Investigation Below
				11:15	119	0.1091	109.07457					19:55	39	0.0646	64.605736	*See Field Investigation Below
				11:30	119	0.0966	96.58749					20:00	39	0.0635	63.474202	*See Field Investigation Below
				11:45	119	0.0855	85.475827					20:05	39	0.0623	62.278053	*See Field Investigation Below
				12:00	119	0.0809	80.915483					20:10	39	0.0608	60.79238	*See Field Investigation Below
				12:15	119	0.0822	82.210929					20:15	39	0.0597	59.685345	*See Field Investigation Below
				12:30	119	0.0816	81.618587					20:20	39	0.0658	65.815967	*See Field Investigation Below
				12:45	119	0.0814	81.448932					20:25	39	0.0696	69.592601	*See Field Investigation Below
				13:00	119	0.0783	78.258997					20:30	39	0.0614	61.449849	*See Field Investigation Below
				13:15	119	0.0782	78.162742					20:35	39	0.0604	60.405324	*See Field Investigation Below

13:30	119	0.0761	76.128024
13:45	119	0.0754	75.357127
14:00	119	0.0765	76.52436
14:15	119	0.0757	75.663332
14:30	119	0.0738	73.786158
14:45	119	0.0758	75.822036
15:00	119	0.0719	71.94846
15:15	119	0.0665	66.459953
15:30	119	0.0649	64.863587
15:45	119	0.0639	63.906466
16:00	119	0.0658	65.786618
16:15	119	0.0644	64.355938
16:30	119	0.0607	60.672161
16:45	119	0.0586	58.594993
17:00	119	0.0583	58.27176
17:15	119	0.0587	58.695926
17:30	119	0.0575	57.509852
17:45	119	0.0553	55.349936
18:00	119	0.0535	53.479131
18:15	119	0.0522	52.189637
18:30	119	0.0522	52.205813
18:45	119	0.0510	50.954784
19:00	119	0.0486	48.566657
19:15	119	0.0456	45.610995
19:30	119	0.0406	40.624277
19:45	119	0.0375	37.45649
20:00	119	0.0352	35.248539
20:15	119	0.0382	38.202307
20:30	119	0.0543	54.341884
20:45	119	0.0657	65.741593
21:00	119	0.0725	72.534218
21:15	119	0.0790	79.029107
21:30	119	0.0814	81.375825
21:45	119	0.0841	84.13117
22:00	119	0.0885	88.501782
22:15	119	0.0911	91.061498
22:30	119	0.0930	92.953591
22:45	119	0.0992	99.246092
23:00	119	0.1018	101.82009
23:15	119	0.1012	101.20598
23:30	119	0.1023	102.33165
23:45	119	0.1051	105.10576

20:40	39	0.0630	62.973457	*See Field Investigation Below
20:45	39	0.0608	60.769034	*See Field Investigation Below
20:50	39	0.0575	57.503652	*See Field Investigation Below
20:55	39	0.0533	53.299647	*See Field Investigation Below
21:00	39	0.0529	52.857029	*See Field Investigation Below
21:05	39	0.0519	51.869665	*See Field Investigation Below
21:10	39	0.0489	48.928649	*See Field Investigation Below
21:15	39	0.0461	46.078649	*See Field Investigation Below
21:20	39	0.0424	42.396537	*See Field Investigation Below
21:25	39	0.0390	38.994243	
21:30	39	0.0364	36.434036	
21:35	39	0.0342	34.192251	
21:40	39	0.0309	30.880529	
21:45	39	0.0316	31.630785	
22:00	39	0.0260	25.994075	
22:15	39	0.0219	21.856857	
22:30	39	0.0201	20.064304	
22:45	39	0.0185	18.549031	
23:00	39	0.0168	16.766855	
23:15	39	0.0157	15.674464	
23:30	39	0.0146	14.570502	
23:45	39	0.0138	13.784701	

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
1	0.23	0	0	0	0.38
2	0.23	0	0	0	0.3
4	0.2	0	0	0	0.13

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/03/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/03/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/03/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/03/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0073	7.3325	0:00	119	0.1076	107.5622	0:00	N/A	0	0.0000	0:00	39	0.0134	13.4444	
0:15	60	0.0076	7.6353	0:15	119	0.1112	111.2161	0:15	N/A	0	0.0000	0:15	39	0.0128	12.8231	
0:30	60	0.0053	5.3170	0:30	119	0.1120	111.9846	0:30	N/A	0	0.0000	0:30	39	0.0113	11.2819	
0:45	60	0.0059	5.9277	0:45	119	0.1117	111.6539	0:45	N/A	0	0.0000	0:45	39	0.0109	10.8586	
1:00	60	0.0066	6.6243	1:00	119	0.1127	112.6786	1:00	N/A	0	0.0000	1:00	39	0.0104	10.3730	
1:15	60	0.0080	7.9560	1:15	119	0.1134	113.3970	1:15	N/A	0	0.0000	1:15	39	0.0102	10.2470	
1:30	60	0.0075	7.4803	1:30	119	0.1132	113.1503	1:30	N/A	0	0.0000	1:30	39	0.0098	9.7570	
1:45	60	0.0052	5.2253	1:45	119	0.1125	112.4689	1:45	N/A	0	0.0000	1:45	39	0.0090	9.0169	
2:00	60	0.0050	5.0239	2:00	119	0.1132	113.1833	2:00	N/A	0	0.0000	2:00	39	0.0088	8.8196	
2:15	60	0.0038	3.7664	2:15	119	0.1170	117.0177	2:15	N/A	0	0.0000	2:15	39	0.0087	8.7250	
2:30	60	0.0048	4.7819	2:30	119	0.1171	117.1094	2:30	N/A	0	0.0000	2:30	39	0.0080	8.0446	
2:45	60	0.0056	5.6252	2:45	119	0.1159	115.9447	2:45	N/A	0	0.0000	2:45	39	0.0075	7.5210	
3:00	60	0.0080	8.0372	3:00	119	0.1165	116.5109	3:00	N/A	0	0.0000	3:00	39	0.0074	7.4260	
3:15	60	0.0027	2.7298	3:15	119	0.1207	120.6752	3:15	N/A	0	0.0000	3:15	39	0.0078	7.7519	*See Field Investigation Below
3:30	60	0.0045	4.4979	3:20	119	0.1213	121.3137	3:30	N/A	0	0.0000	3:30	39	0.0088	8.7925	*See Field Investigation Below
3:45	60	0.0060	6.0420	3:25	119	0.1218	121.8457	3:45	N/A	0	0.0000	3:45	39	0.0083	8.3072	*See Field Investigation Below
4:00	60	0.0119	11.8839	3:30	119	0.1218	121.8147	4:00	N/A	0	0.0000	4:00	39	0.0076	7.6327	*See Field Investigation Below
4:15	60	0.0453	45.2717	3:35	119	0.1216	121.5981	4:15	N/A	0	0.0000	4:15	39	0.0074	7.3552	*See Field Investigation Below
4:30	60	0.0491	49.1049	3:40	119	0.1215	121.5086	4:30	N/A	0	0.0000	4:30	39	0.0072	7.2390	*See Field Investigation Below
4:45	60	0.0000	0.0000	3:45	119	0.1218	121.8266	4:45	N/A	0	0.0000	4:45	39	0.0073	7.2818	*See Field Investigation Below
5:00	60	0.0046	4.6192	3:50	119	0.1208	120.8189	5:00	N/A	0	0.0000	5:00	39	0.0067	6.6877	*See Field Investigation Below
5:15	60	0.0164	16.4187	3:55	119	0.1191	119.1474	5:15	N/A	0	0.0000	5:15	39	0.0061	6.0853	*See Field Investigation Below
5:30	60	0.0074	7.4338	4:00	119	0.1177	117.6731	5:30	N/A	0	0.0000	5:30	39	0.0059	5.8640	
5:45	60	0.0033	3.2606	4:05	119	0.1179	117.9318	5:45	N/A	0	0.0000	5:45	39	0.0070	7.0416	
6:00	60	0.0026	2.6085	4:10	119	0.1194	119.3572	6:00	N/A	0	0.0000	6:00	39	0.0073	7.2600	*See Field Investigation Below
6:15	60	0.0019	1.9126	4:15	119	0.1180	117.9824	6:15	N/A	0	0.0000	6:15	39	0.0078	7.7629	
6:30	60	0.0020	2.0135	4:30	119	0.1166	116.5584	6:30	N/A	0	0.0000	6:30	39	0.0083	8.2510	
6:45	60	0.0018	1.7615	4:45	119	0.1172	117.1599	6:45	N/A	0	0.0000	6:45	39	0.0088	8.7698	
7:00	60	0.0014	1.3625	5:00	119	0.1210	120.9538	7:00	N/A	0	0.0000	7:00	39	0.0092	9.2378	*See Field Investigation Below
7:15	60	0.0023	2.2848	5:05	119	0.1205	120.4994	7:15	N/A	0	0.0000	7:15	39	0.0090	8.9870	*See Field Investigation Below
7:30	60	0.0019	1.9203	5:10	119	0.1208	120.8141	7:30	N/A	0	0.0000	7:30	39	0.0087	8.6515	*See Field Investigation Below
7:45	60	0.0018	1.8436	5:15	119	0.1210	120.9703	7:45	N/A	0	0.0000	7:45	39	0.0085	8.5378	*See Field Investigation Below

8:00	60	0.0020	2.0461	5:20	119	0.1199	119.9424	8:00	N/A	0	0.0000	8:00	39	0.0085	8.5363	*See Field Investigation Below
8:15	60	0.0025	2.4927	5:25	119	0.1184	118.3851	8:15	N/A	0	0.0000	8:15	39	0.0081	8.1388	
8:30	60	0.0030	2.9916	5:30	119	0.1171	117.1479	8:30	N/A	0	0.0000	8:30	39	0.0077	7.6749	
8:45	60	0.0087	8.7431	5:35	119	0.1175	117.5151	8:45	N/A	0	0.0000	8:45	39	0.0128	12.7900	
9:00	60	0.0102	10.1537	5:40	119	0.1184	118.4128	9:00	N/A	0	0.0000	9:00	39	0.0168	16.7681	
9:15	60	0.0051	5.1194	5:45	119	0.1196	119.5955	9:15	N/A	0	0.0000	9:15	39	0.0162	16.1862	*See Field Investigation Below
9:30	60	0.0099	9.9023	5:50	119	0.1212	121.1785	9:30	N/A	0	0.0000	9:30	39	0.0194	19.3772	*See Field Investigation Below
9:45	60	0.0098	9.8221	5:55	119	0.1215	121.5217	9:45	N/A	0	0.0000	9:45	39	0.0199	19.9278	*See Field Investigation Below
10:00	60	0.0072	7.1880	6:00	119	0.1228	122.7995	10:00	N/A	0	0.0000	10:00	39	0.0197	19.6568	*See Field Investigation Below
10:15	60	0.0097	9.7488	6:05	119	0.1233	123.3132	10:15	N/A	0	0.0000	10:15	39	0.0203	20.3138	*See Field Investigation Below
10:30	60	0.0109	10.9070	6:10	119	0.1232	123.2308	10:30	N/A	0	0.0000	10:30	39	0.0194	19.4159	*See Field Investigation Below
10:45	60	0.0130	13.0234	6:15	119	0.1234	123.4372	10:45	N/A	0	0.0000	10:45	39	0.0193	19.2833	*See Field Investigation Below
11:00	60	0.0145	14.5100	6:20	119	0.1232	123.1658	11:00	N/A	0	0.0000	11:00	39	0.0193	19.3296	*See Field Investigation Below
11:15	60	0.0118	11.8208	6:25	119	0.1239	123.9173	11:15	N/A	0	0.0000	11:15	39	0.0187	18.7105	*See Field Investigation Below
11:30	60	0.0136	13.5798	6:30	119	0.1250	124.9912	11:30	N/A	0	0.0000	11:30	39	0.0206	20.5649	*See Field Investigation Below
11:45	60	0.0144	14.3579	6:35	119	0.1256	125.6471	11:45	N/A	0	0.0000	11:45	39	0.0254	25.3940	*See Field Investigation Below
12:00	60	0.0165	16.5383	6:40	119	0.1243	124.3194	12:00	N/A	0	0.0000	12:00	39	0.0298	29.7606	*See Field Investigation Below
12:15	60	0.0187	18.6531	6:45	119	0.1253	125.3391	12:15	N/A	0	0.0000	12:15	39	0.0353	35.2734	*See Field Investigation Below
12:30	60	0.0212	21.2112	6:50	119	0.1256	125.5528	12:30	N/A	0	0.0000	12:30	39	0.0438	43.7590	*See Field Investigation Below
12:45	60	0.0234	23.3892	6:55	119	0.1264	126.3599	12:45	N/A	0	0.0000	12:35	39	0.0465	46.4543	*See Field Investigation Below
13:00	60	0.0259	25.9185	7:00	119	0.1284	128.4035	13:00	N/A	0	0.0000	12:40	39	0.0492	49.1809	*See Field Investigation Below
13:15	60	0.0299	29.9050	7:05	119	0.1286	128.5513	13:15	N/A	0	0.0000	12:45	39	0.0514	51.3666	*See Field Investigation Below
13:30	60	0.0309	30.8808	7:10	119	0.1306	130.6286	13:30	N/A	0.0001525	0.1525	12:50	39	0.0530	53.0390	*See Field Investigation Below
13:45	60	0.0315	31.5174	7:15	119	0.1328	132.7785	13:45	N/A	0.0009265	0.9265	12:55	39	0.0547	54.6834	*See Field Investigation Below
14:00	60	0.0316	31.5955	7:20	119	0.1333	133.3041	14:00	N/A	0.0021298	2.1298	13:00	39	0.0576	57.5580	*See Field Investigation Below
14:15	60	0.0306	30.6053	7:25	119	0.1352	135.1536	14:15	N/A	0.0034818	3.4818	13:05	39	0.0597	59.7482	*See Field Investigation Below
14:30	60	0.0267	26.7041	7:30	119	0.1357	135.7078	14:30	N/A	0.0049825	4.9825	13:10	39	0.0607	60.6681	*See Field Investigation Below
14:45	60	0.0253	25.2732	7:35	119	0.1380	138.0278	14:45	N/A	0.0063836	6.3836	13:15	39	0.0614	61.4267	*See Field Investigation Below
15:00	60	0.0260	25.9698	7:40	119	0.1389	138.8649	15:00	N/A	0.0079194	7.9194	13:20	39	0.0625	62.5049	*See Field Investigation Below
15:15	60	0.0191	19.1239	7:45	119	0.1384	138.3569	15:15	N/A	0.0087696	8.7696	13:25	39	0.0631	63.1282	*See Field Investigation Below
15:30	60	0.0148	14.7792	7:50	119	0.1402	140.1598	15:30	N/A	0.0085468	8.5468	13:30	39	0.0647	64.6563	*See Field Investigation Below
15:45	60	0.0125	12.4956	7:55	119	0.1379	137.8835	15:45	N/A	0.0069364	6.9364	13:35	39	0.0657	65.6777	*See Field Investigation Below
16:00	60	0.0133	13.3884	8:00	119	0.1372	137.1892	16:00	N/A	0.0034595	3.4595	13:40	39	0.0667	66.7452	*See Field Investigation Below
16:15	60	0.0149	14.8583	8:05	119	0.1370	137.0446	16:15	N/A	0.0006991	0.6991	13:45	39	0.0680	68.0304	*See Field Investigation Below
16:30	60	0.0152	15.2416	8:10	119	0.1340	133.9993	16:30	N/A	0	0.0000	13:50	39	0.0700	70.0007	*See Field Investigation Below
16:45	60	0.0180	17.9854	8:15	119	0.1297	129.6640	16:45	N/A	0	0.0000	13:55	39	0.0746	74.6335	*See Field Investigation Below
17:00	60	0.0181	18.1408	8:20	119	0.1285	128.4709	17:00	N/A	0	0.0000	14:00	39	0.0744	74.3543	*See Field Investigation Below
17:15	60	0.0174	17.3875	8:25	119	0.1327	132.6741	17:15	N/A	0	0.0000	14:05	39	0.0754	75.4478	*See Field Investigation Below
17:30	60	0.0160	15.9660	8:30	119	0.1299	129.9080	17:30	N/A	0	0.0000	14:10	39	0.0790	79.0093	*See Field Investigation Below
17:45	60	0.0156	15.6294	8:35	119	0.1313	131.3478	17:45	N/A	0	0.0000	14:15	39	0.0756	75.6261	*See Field Investigation Below
18:00	60	0.0120	12.0278	8:40	119	0.1329	132.9422	18:00	N/A	0	0.0000	14:20	39	0.0753	75.3209	*See Field Investigation Below
18:15	60	0.0109	10.9152	8:45	119	0.1337	133.7160	18:15	N/A	0	0.0000	14:25	39	0.0762	76.1920	*See Field Investigation Below
18:30	60	0.0106	10.5770	8:50	119	0.1352	135.1699	18:30	N/A	0	0.0000	14:30	39	0.0768	76.7782	*See Field Investigation Below
18:45	60	0.0097	9.6893	8:55	119	0.1355	135.4932	18:45	N/A	0	0.0000	14:35	39	0.0818	81.8327	*See Field Investigation Below
19:00	60	0.0136	13.5575	9:00	119	0.1358	135.8053	19:00	N/A	0	0.0000	14:40	39	0.0806	80.5723	*See Field Investigation Below
19:15	60	0.0156	15.6163	9:05	119	0.1289	128.9389	19:15	N/A	0	0.0000	14:45	39	0.0794	79.4481	*See Field Investigation Below
19:30	60	0.0161	16.0648	9:10	119	0.1313	131.3120	19:30	N/A	0	0.0000	14:50	39	0.0845	84.4811	*See Field Investigation Below
19:45	60	0.0135	13.4982	9:15	119	0.1382	138.2424	19:45	N/A	0	0.0000	14:55	39	0.0874	87.4486	*See Field Investigation Below
20:00	60	0.0075	7.4956	9:20	119	0.1395	139.5253	20:00	N/A	0	0.0000	15:00	39	0.0797	79.6910	*See Field Investigation Below
20:15	60	0.0124	12.4129	9:25	119	0.1406	140.6036	20:15	N/A	0	0.0000	15:05	39	0.0785	78.5204	*See Field Investigation Below
20:30	60	0.0113	11.2996	9:30	119	0.1387	138.6639	20:30	N/A	0	0.0000	15:10	39	0.0786	78.6257	*See Field Investigation Below
20:45	60	0.0086	8.5832	9:35	119	0.1374	137.4277	20:45	N/A	0	0.0000	15:15	39	0.0780	77.9644	*See Field Investigation Below
21:00	60	0.0074	7.3663	9:40	119	0.1387	138.6729	21:00	N/A	0	0.0000	15:20	39	0.0758	75.7509	*See Field Investigation Below

21:15	60	0.0101	10.1148	9:45	119	0.1379	137.8704	21:15	N/A	0	0.0000	15:25	39	0.0743	74.2880	*See Field Investigation Below
21:30	60	0.0117	11.7480	9:50	119	0.1334	133.3598	21:30	N/A	0	0.0000	15:30	39	0.0724	72.3608	*See Field Investigation Below
21:45	60	0.0132	13.2110	9:55	119	0.1383	138.3064	21:45	N/A	0	0.0000	15:35	39	0.0707	70.6821	*See Field Investigation Below
22:00	60	0.0111	11.0527	10:00	119	0.1375	137.4544	22:00	N/A	0	0.0000	15:40	39	0.0685	68.5062	*See Field Investigation Below
22:15	60	0.0093	9.2699	10:05	119	0.1395	139.4921	22:15	N/A	0	0.0000	15:45	39	0.0662	66.1588	*See Field Investigation Below
22:30	60	0.0103	10.3082	10:10	119	0.1356	135.6441	22:30	N/A	0	0.0000	15:50	39	0.0645	64.4509	*See Field Investigation Below
22:45	60	0.0106	10.6007	10:15	119	0.1361	136.0737	22:45	N/A	0	0.0000	15:55	39	0.0625	62.4595	*See Field Investigation Below
23:00	60	0.0123	12.2669	10:20	119	0.1349	134.9058	23:00	N/A	0	0.0000	16:00	39	0.0613	61.2911	*See Field Investigation Below
23:15	60	0.0108	10.8299	10:25	119	0.1348	134.8428	23:15	N/A	0	0.0000	16:05	39	0.0607	60.6872	*See Field Investigation Below
23:30	60	0.0092	9.2112	10:30	119	0.1332	133.1938	23:30	N/A	0	0.0000	16:10	39	0.0601	60.1069	*See Field Investigation Below
23:45	60	0.0079	7.9180	10:35	119	0.1321	132.1105	23:45	N/A	0	0.0000	16:15	39	0.0567	56.6817	*See Field Investigation Below
				10:40	119	0.1323	132.30604					16:20	39	0.0567	56.660781	*See Field Investigation Below
				10:45	119	0.1323	132.27234					16:25	39	0.0533	53.284935	*See Field Investigation Below
				10:50	119	0.1316	131.55675					16:30	39	0.0538	53.771855	*See Field Investigation Below
				10:55	119	0.1321	132.12746					16:35	39	0.0542	54.23348	*See Field Investigation Below
				11:00	119	0.1303	130.26448					16:40	39	0.0520	52.043653	*See Field Investigation Below
				11:05	119	0.1232	123.18228					16:45	39	0.0495	49.528249	*See Field Investigation Below
				11:10	119	0.1225	122.48921					16:50	39	0.0472	47.203673	*See Field Investigation Below
				11:15	119	0.1208	120.83082					16:55	39	0.0448	44.808712	*See Field Investigation Below
				11:20	119	0.1242	124.23466					17:00	39	0.0422	42.185545	*See Field Investigation Below
				11:25	119	0.1308	130.80353					17:05	39	0.0401	40.128037	*See Field Investigation Below
				11:30	119	0.1309	130.85373					17:10	39	0.0376	37.635633	*See Field Investigation Below
				11:35	119	0.1308	130.78019					17:15	39	0.0377	37.702896	*See Field Investigation Below
				11:40	119	0.1262	126.19658					17:30	39	0.0326	32.581206	*See Field Investigation Below
				11:45	119	0.1257	125.66508					17:45	39	0.0294	29.439913	*See Field Investigation Below
				11:50	119	0.1270	127.00912					18:00	39	0.0271	27.069577	*See Field Investigation Below
				11:55	119	0.1291	129.12545					18:15	39	0.0237	23.689944	*See Field Investigation Below
				12:00	119	0.1307	130.71128					18:30	39	0.0217	21.731553	*See Field Investigation Below
				12:05	119	0.1317	131.69584					18:45	39	0.0180	17.962417	*See Field Investigation Below
				12:10	119	0.1313	131.34184					19:00	39	0.0244	24.357669	*See Field Investigation Below
				12:15	119	0.1328	132.75281					19:15	39	0.0238	23.798096	*See Field Investigation Below
				12:20	119	0.1372	137.2332					19:30	39	0.0237	23.683506	*See Field Investigation Below
				12:25	119	0.1390	138.95139					19:45	39	0.0200	20.019581	*See Field Investigation Below
				12:30	119	0.1408	140.81466					20:00	39	0.0144	14.378694	*See Field Investigation Below
				12:35	119	0.1440	143.96175					20:15	39	0.0180	17.954511	*See Field Investigation Below
				12:40	119	0.1432	143.23198					20:30	39	0.0130	12.963531	*See Field Investigation Below
				12:45	119	0.1450	144.97052					20:45	39	0.0126	12.574185	*See Field Investigation Below
				12:50	119	0.1473	147.32431					21:00	39	0.0123	12.291746	*See Field Investigation Below
				12:55	119	0.1465	146.47757					21:15	39	0.0119	11.909502	*See Field Investigation Below
				13:00	119	0.1484	148.37022					21:30	39	0.0122	12.178974	*See Field Investigation Below
				13:05	119	0.1483	148.28025					21:45	39	0.0117	11.740083	*See Field Investigation Below
				13:10	119	0.1488	148.75647					22:00	39	0.0106	10.576837	*See Field Investigation Below
				13:15	119	0.1494	149.35584					22:15	39	0.0102	10.203052	*See Field Investigation Below
				13:20	119	0.1496	149.56594					22:30	39	0.0099	9.8508911	*See Field Investigation Below
				13:25	119	0.1493	149.3402					22:45	39	0.0094	9.4275741	*See Field Investigation Below
				13:30	119	0.1498	149.83693					23:00	39	0.0094	9.3886952	*See Field Investigation Below
				13:35	119	0.1490	148.96669					23:15	39	0.0089	8.9107185	*See Field Investigation Below
				13:40	119	0.1477	147.67278					23:30	39	0.0088	8.7855275	*See Field Investigation Below
				13:45	119	0.1489	148.87904					23:45	39	0.0086	8.5881219	*See Field Investigation Below
				13:50	119	0.1481	148.08688									*See Field Investigation Below
				13:55	119	0.1492	149.23187									*See Field Investigation Below
				14:00	119	0.1467	146.73625									*See Field Investigation Below
				14:05	119	0.1470	147.04487									*See Field Investigation Below

23:00	119	0.1847	184.66788
23:05	119	0.1845	184.52162
23:10	119	0.1854	185.36109
23:15	119	0.1854	185.43645
23:20	119	0.1837	183.71072
23:25	119	0.1832	183.20348
23:30	119	0.1830	183.0435
23:35	119	0.1834	183.39751
23:40	119	0.1839	183.88999
23:45	119	0.1831	183.1093
23:50	119	0.1827	182.67378
23:55	119	0.1824	182.40464

*See Field Investigation Below
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*See Field Investigation Below

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.28	0	0	0	0.24

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/04/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/04/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/04/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/04/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0087	8.6706	0:00	119	0.1824	182.4377	0:00	N/A	0	0.0000	0:00	39	0.0079	7.8923	*See Field Investigation Below
0:15	60	0.0074	7.4241	0:05	119	0.1836	183.5777	0:15	N/A	0	0.0000	0:15	39	0.0076	7.5629	*See Field Investigation Below
0:30	60	0.0091	9.0552	0:10	119	0.1838	183.7948	0:30	N/A	0	0.0000	0:30	39	0.0078	7.8177	*See Field Investigation Below
0:45	60	0.0090	9.0422	0:15	119	0.1829	182.8861	0:45	N/A	0	0.0000	0:45	39	0.0072	7.2028	*See Field Investigation Below
1:00	60	0.0079	7.9410	0:20	119	0.1824	182.4457	1:00	N/A	0	0.0000	1:00	39	0.0074	7.3511	*See Field Investigation Below
1:15	60	0.0074	7.3728	0:25	119	0.1826	182.6492	1:15	N/A	0	0.0000	1:15	39	0.0069	6.9240	*See Field Investigation Below
1:30	60	0.0070	7.0287	0:30	119	0.1835	183.5034	1:30	N/A	0	0.0000	1:30	39	0.0073	7.3246	*See Field Investigation Below
1:45	60	0.0076	7.6043	0:35	119	0.1819	181.8525	1:45	N/A	0	0.0000	1:45	39	0.0075	7.4795	*See Field Investigation Below
2:00	60	0.0075	7.4844	0:40	119	0.1830	182.9596	2:00	N/A	0	0.0000	2:00	39	0.0075	7.4596	*See Field Investigation Below
2:15	60	0.0091	9.0720	0:45	119	0.1819	181.8666	2:15	N/A	0	0.0000	2:15	39	0.0101	10.1445	*See Field Investigation Below
2:30	60	0.0083	8.3412	0:50	119	0.1818	181.7880	2:30	N/A	0	0.0000	2:30	39	0.0075	7.4997	*See Field Investigation Below
2:45	60	0.0073	7.3208	0:55	119	0.1819	181.9239	2:45	N/A	0	0.0000	2:45	39	0.0107	10.7420	*See Field Investigation Below
3:00	60	0.0096	9.6199	1:00	119	0.1823	182.3389	3:00	N/A	0	0.0000	3:00	39	0.0103	10.2898	*See Field Investigation Below
3:15	60	0.0090	9.0093	1:05	119	0.1818	181.8063	3:15	N/A	0	0.0000	3:15	39	0.0076	7.5909	*See Field Investigation Below
3:30	60	0.0089	8.8923	1:10	119	0.1817	181.7434	3:30	N/A	0	0.0000	3:30	39	0.0072	7.1596	*See Field Investigation Below
3:45	60	0.0091	9.0521	1:15	119	0.1819	181.9182	3:45	N/A	0	0.0000	3:45	39	0.0073	7.2736	*See Field Investigation Below
4:00	60	0.0102	10.2442	1:20	119	0.1826	182.6319	4:00	N/A	0	0.0000	4:00	39	0.0080	8.0291	*See Field Investigation Below
4:15	60	0.0106	10.6288	1:25	119	0.1821	182.0597	4:15	N/A	0	0.0000	4:15	39	0.0080	7.9532	*See Field Investigation Below
4:30	60	0.0098	9.8469	1:30	119	0.1823	182.2765	4:30	N/A	0	0.0000	4:30	39	0.0076	7.6350	*See Field Investigation Below
4:45	60	0.0090	9.0011	1:35	119	0.1824	182.4248	4:45	N/A	0	0.0000	4:45	39	0.0068	6.8328	*See Field Investigation Below
5:00	60	0.0098	9.7856	1:40	119	0.1822	182.2222	5:00	N/A	0	0.0000	5:00	39	0.0069	6.8769	*See Field Investigation Below
5:15	60	0.0097	9.6803	1:45	119	0.1824	182.3503	5:15	N/A	0	0.0000	5:15	39	0.0068	6.8401	*See Field Investigation Below
5:30	60	0.0092	9.2427	1:50	119	0.1824	182.3733	5:30	N/A	0	0.0000	5:30	39	0.0066	6.6046	*See Field Investigation Below
5:45	60	0.0094	9.4091	1:55	119	0.1825	182.4764	5:45	N/A	0	0.0000	5:45	39	0.0066	6.5845	*See Field Investigation Below
6:00	60	0.0099	9.9102	2:00	119	0.1826	182.6145	6:00	N/A	0	0.0000	6:00	39	0.0068	6.7622	*See Field Investigation Below
6:15	60	0.0102	10.1925	2:05	119	0.1823	182.3384	6:15	N/A	0	0.0000	6:15	39	0.0068	6.7929	*See Field Investigation Below
6:30	60	0.0105	10.5163	2:10	119	0.1911	191.0762	6:30	N/A	0	0.0000	6:30	39	0.0065	6.5288	*See Field Investigation Below
6:45	60	0.0105	10.4733	2:15	119	0.1837	183.6701	6:45	N/A	0	0.0000	6:45	39	0.0064	6.4065	*See Field Investigation Below
7:00	60	0.0104	10.4421	2:20	119	0.1831	183.1111	7:00	N/A	0	0.0000	7:00	39	0.0066	6.6329	*See Field Investigation Below
7:15	60	0.0101	10.1003	2:25	119	0.1834	183.3868	7:15	N/A	0	0.0000	7:15	39	0.0062	6.2375	*See Field Investigation Below
7:30	60	0.0097	9.6556	2:30	119	0.1838	183.8435	7:30	N/A	0	0.0000	7:30	39	0.0061	6.1063	*See Field Investigation Below
7:45	60	0.0097	9.7141	2:35	119	0.1902	190.1653	7:45	N/A	0	0.0000	7:45	39	0.0062	6.1940	*See Field Investigation Below
8:00	60	0.0100	9.9683	2:40	119	0.1837	183.6995	8:00	N/A	0	0.0000	8:00	39	0.0065	6.4923	*See Field Investigation Below
8:15	60	0.0101	10.0691	2:45	119	0.1832	183.1548	8:15	N/A	0	0.0000	8:15	39	0.0066	6.5713	*See Field Investigation Below
8:30	60	0.0098	9.7729	2:50	119	0.1917	191.7192	8:30	N/A	0	0.0000	8:30	39	0.0065	6.5202	*See Field Investigation Below

8:45	60	0.0090	9.0271	2:55	119	0.1837	183.7047	8:45	N/A	0	0.0000	8:45	39	0.0063	6.2624	*See Field Investigation Below
9:00	60	0.0084	8.3627	3:00	119	0.1832	183.2453	9:00	N/A	0	0.0000	9:00	39	0.0063	6.2551	*See Field Investigation Below
9:15	60	0.0079	7.9005	3:05	119	0.1831	183.1323	9:15	N/A	0	0.0000	9:15	39	0.0062	6.2191	*See Field Investigation Below
9:30	60	0.0079	7.8972	3:10	119	0.1830	183.0086	9:30	N/A	0	0.0000	9:30	39	0.0062	6.2250	*See Field Investigation Below
9:45	60	0.0079	7.9282	3:15	119	0.1828	182.7636	9:45	N/A	0	0.0000	9:45	39	0.0064	6.3625	*See Field Investigation Below
10:00	60	0.0071	7.1334	3:20	119	0.1830	183.0226	10:00	N/A	0	0.0000	10:00	39	0.0063	6.3205	*See Field Investigation Below
10:15	60	0.0068	6.7747	3:25	119	0.1836	183.5573	10:15	N/A	0	0.0000	10:15	39	0.0065	6.4767	*See Field Investigation Below
10:30	60	0.0062	6.2285	3:30	119	0.1834	183.4054	10:30	N/A	0	0.0000	10:30	39	0.0063	6.3147	*See Field Investigation Below
10:45	60	0.0054	5.4274	3:35	119	0.1842	184.1918	10:45	N/A	0	0.0000	10:45	39	0.0063	6.3244	*See Field Investigation Below
11:00	60	0.0054	5.4434	3:40	119	0.1824	182.4362	11:00	N/A	0	0.0000	11:00	39	0.0064	6.4041	*See Field Investigation Below
11:15	60	0.0049	4.8584	3:45	119	0.1840	183.9632	11:15	N/A	0	0.0000	11:15	39	0.0067	6.6980	*See Field Investigation Below
11:30	60	0.0044	4.3932	3:50	119	0.1827	182.7041	11:30	N/A	0	0.0000	11:30	39	0.0068	6.8038	*See Field Investigation Below
11:45	60	0.0043	4.3454	3:55	119	0.1842	184.1914	11:45	N/A	0	0.0000	11:45	39	0.0068	6.8084	*See Field Investigation Below
12:00	60	0.0047	4.7237	4:00	119	0.1847	184.7237	12:00	N/A	0	0.0000	12:00	39	0.0068	6.8303	*See Field Investigation Below
12:15	60	0.0051	5.0605	4:05	119	0.1828	182.8159	12:15	N/A	0	0.0000	12:15	39	0.0067	6.7114	*See Field Investigation Below
12:30	60	0.0047	4.6807	4:10	119	0.1824	182.4110	12:30	N/A	0	0.0000	12:30	39	0.0064	6.4429	*See Field Investigation Below
12:45	60	0.0050	4.9507	4:15	119	0.1824	182.4133	12:45	N/A	0	0.0000	12:45	39	0.0060	6.0372	*See Field Investigation Below
13:00	60	0.0055	5.5271	4:20	119	0.1824	182.3693	13:00	N/A	0	0.0000	13:00	39	0.0056	5.6246	*See Field Investigation Below
13:15	60	0.0060	5.9885	4:25	119	0.1840	183.9723	13:15	N/A	0	0.0000	13:15	39	0.0050	4.9670	*See Field Investigation Below
13:30	60	0.0062	6.2145	4:30	119	0.1834	183.3701	13:30	N/A	0	0.0000	13:30	39	0.0040	3.9727	*See Field Investigation Below
13:45	60	0.0054	5.4285	4:35	119	0.1842	184.2480	13:45	N/A	0	0.0000	13:45	39	0.0031	3.1366	*See Field Investigation Below
14:00	60	0.0051	5.0505	4:40	119	0.1832	183.1956	14:00	N/A	0	0.0000	14:00	39	0.0028	2.8209	*See Field Investigation Below
14:15	60	0.0050	5.0331	4:45	119	0.1824	182.4490	14:15	N/A	0	0.0000	14:15	39	0.0026	2.6439	*See Field Investigation Below
14:30	60	0.0047	4.7490	4:50	119	0.1823	182.3220	14:30	N/A	0	0.0000	14:30	39	0.0022	2.1738	*See Field Investigation Below
14:45	60	0.0041	4.1313	4:55	119	0.1831	183.0931	14:45	N/A	0	0.0000	14:45	39	0.0016	1.5739	*See Field Investigation Below
15:00	60	0.0029	2.8806	5:00	119	0.1822	182.2217	15:00	N/A	0	0.0000	15:00	39	0.0012	1.2297	*See Field Investigation Below
15:15	60	0.0021	2.1240	5:05	119	0.1820	182.0147	15:15	N/A	0	0.0000	15:15	39	0.0010	1.0331	*See Field Investigation Below
15:30	60	0.0015	1.5179	5:10	119	0.1816	181.6460	15:30	N/A	0	0.0000	15:30	39	0.0006	0.5816	*See Field Investigation Below
15:45	60	0.0011	1.1374	5:15	119	0.1821	182.0744	15:45	N/A	0	0.0000	15:45	39	0.0003	0.2964	*See Field Investigation Below
16:00	60	0.0009	0.8922	5:20	119	0.1814	181.3975	16:00	N/A	0	0.0000	16:00	39	0.0002	0.1557	*See Field Investigation Below
16:15	60	0.0004	0.3922	5:25	119	0.1811	181.0918	16:15	N/A	0	0.0000	16:15	39	0.0000	0.0000	*See Field Investigation Below
16:30	60	0.0000	0.0204	5:30	119	0.1810	180.9940	16:30	N/A	0	0.0000	16:30	39	0.0000	0.0000	*See Field Investigation Below
16:45	60	0.0000	0.0000	5:35	119	0.1812	181.2256	16:45	N/A	0	0.0000	16:45	39	0.0000	0.0000	*See Field Investigation Below
17:00	60	0.0000	0.0000	5:40	119	0.1809	180.8666	17:00	N/A	0	0.0000	17:00	39	0.0000	0.0000	*See Field Investigation Below
17:15	60	0.0000	0.0000	5:45	119	0.1813	181.2691	17:15	N/A	0	0.0000	17:15	39	0.0000	0.0000	*See Field Investigation Below
17:30	60	0.0001	0.0650	5:50	119	0.1817	181.7392	17:30	N/A	0	0.0000	17:30	39	0.0000	0.0000	*See Field Investigation Below
17:45	60	0.0002	0.1580	5:55	119	0.1817	181.7177	17:45	N/A	0	0.0000	17:45	39	0.0000	0.0000	*See Field Investigation Below
18:00	60	0.0002	0.1846	6:00	119	0.1818	181.7559	18:00	N/A	0	0.0000	18:00	39	0.0000	0.0000	*See Field Investigation Below
18:15	60	0.0006	0.5708	6:05	119	0.1818	181.8492	18:15	N/A	0	0.0000	18:15	39	0.0000	0.0000	*See Field Investigation Below
18:30	60	0.0001	0.0710	6:10	119	0.1817	181.6678	18:30	N/A	0	0.0000	18:30	39	0.0000	0.0000	*See Field Investigation Below
18:45	60	0.0002	0.1724	6:15	119	0.1812	181.1526	18:45	N/A	0	0.0000	18:45	39	0.0000	0.0000	*See Field Investigation Below
19:00	60	0.0000	0.0000	6:20	119	0.1809	180.8620	19:00	N/A	0	0.0000	19:00	39	0.0000	0.0000	*See Field Investigation Below
19:15	60	0.0000	0.0000	6:25	119	0.1807	180.7198	19:15	N/A	0	0.0000	19:15	39	0.0000	0.0000	*See Field Investigation Below
19:30	60	0.0000	0.0000	6:30	119	0.1814	181.4091	19:30	N/A	0	0.0000	19:30	39	0.0000	0.0000	*See Field Investigation Below
19:45	60	0.0000	0.0259	6:35	119	0.1817	181.6591	19:45	N/A	0	0.0000	19:45	39	0.0000	0.0000	*See Field Investigation Below
20:00	60	0.0001	0.1199	6:40	119	0.1823	182.2767	20:00	N/A	0	0.0000	20:00	39	0.0000	0.0000	*See Field Investigation Below
20:15	60	0.0000	0.0000	6:45	119	0.1826	182.6215	20:15	N/A	0	0.0000	20:15	39	0.0000	0.0000	*See Field Investigation Below
20:30	60	0.0000	0.0000	6:50	119	0.1825	182.4975	20:30	N/A	0	0.0000	20:30	39	0.0000	0.0000	*See Field Investigation Below
20:45	60	0.0000	0.0000	6:55	119	0.1819	181.8918	20:45	N/A	0	0.0000	20:45	39	0.0000	0.0000	*See Field Investigation Below
21:00	60	0.0000	0.0000	7:00	119	0.1816	181.5948	21:00	N/A	0	0.0000	21:00	39	0.0000	0.0000	*See Field Investigation Below
21:15	60	0.0000	0.0000	7:05	119	0.1817	181.7357	21:15	N/A	0	0.0000	21:15	39	0.0000	0.0000	*See Field Investigation Below
21:30	60	0.0000	0.0000	7:10	119	0.1818	181.7914	21:30	N/A	0	0.0000	21:30	39	0.0000	0.0000	*See Field Investigation Below
21:45	60	0.0000	0.0000	7:15	119	0.1813	181.3182	21:45	N/A	0	0.0000	21:45	39	0.0000	0.0000	*See Field Investigation Below

22:00	60	0.0000	0.0000	7:20	119	0.1813	181.3386	22:00	N/A	0	0.0000	22:00	39	0.0000	0.0000	*See Field Investigation Below
22:15	60	0.0000	0.0000	7:25	119	0.1816	181.6225	22:15	N/A	0	0.0000	22:15	39	0.0000	0.0000	*See Field Investigation Below
22:30	60	0.0000	0.0000	7:30	119	0.1814	181.3685	22:30	N/A	0	0.0000	22:30	39	0.0000	0.0000	*See Field Investigation Below
22:45	60	0.0000	0.0000	7:35	119	0.1813	181.2770	22:45	N/A	0	0.0000	22:45	39	0.0000	0.0000	*See Field Investigation Below
23:00	60	0.0000	0.0000	7:40	119	0.1809	180.9297	23:00	N/A	0	0.0000	23:00	39	0.0000	0.0000	*See Field Investigation Below
23:15	60	0.0000	0.0000	7:45	119	0.1808	180.8148	23:15	N/A	0	0.0000	23:15	39	0.0000	0.0000	*See Field Investigation Below
23:30	60	0.0000	0.0000	7:50	119	0.1810	180.9550	23:30	N/A	0	0.0000	23:30	39	0.0000	0.0000	*See Field Investigation Below
23:45	60	0.0000	0.0000	7:55	119	0.1811	181.0975	23:45	N/A	0	0.0000	23:45	39	0.0000	0.0000	*See Field Investigation Below
				8:00	119	0.1810	181.02971									*See Field Investigation Below
				8:05	119	0.1809	180.90499									*See Field Investigation Below
				8:10	119	0.1808	180.79516									*See Field Investigation Below
				8:15	119	0.1807	180.7499									*See Field Investigation Below
				8:20	119	0.1807	180.72456									*See Field Investigation Below
				8:25	119	0.1804	180.43289									*See Field Investigation Below
				8:30	119	0.1801	180.09059									*See Field Investigation Below
				8:35	119	0.1799	179.92476									*See Field Investigation Below
				8:40	119	0.1799	179.88328									*See Field Investigation Below
				8:45	119	0.1797	179.68924									*See Field Investigation Below
				8:50	119	0.1794	179.41691									*See Field Investigation Below
				8:55	119	0.1794	179.39525									*See Field Investigation Below
				9:00	119	0.1794	179.42083									*See Field Investigation Below
				9:05	119	0.1793	179.28544									*See Field Investigation Below
				9:10	119	0.1790	179.01177									*See Field Investigation Below
				9:15	119	0.1786	178.59047									*See Field Investigation Below
				9:20	119	0.1783	178.29504									*See Field Investigation Below
				9:25	119	0.1782	178.21131									*See Field Investigation Below
				9:30	119	0.1779	177.87659									*See Field Investigation Below
				9:35	119	0.1780	178.00154									*See Field Investigation Below
				9:40	119	0.1778	177.76939									*See Field Investigation Below
				9:45	119	0.1773	177.28723									*See Field Investigation Below
				9:50	119	0.1772	177.21026									*See Field Investigation Below
				9:55	119	0.1769	176.91578									*See Field Investigation Below
				10:00	119	0.1766	176.58887									*See Field Investigation Below
				10:05	119	0.1760	175.96397									*See Field Investigation Below
				10:10	119	0.1754	175.42704									*See Field Investigation Below
				10:15	119	0.1745	174.45742									*See Field Investigation Below
				10:20	119	0.1744	174.39417									*See Field Investigation Below
				10:25	119	0.1736	173.58627									*See Field Investigation Below
				10:30	119	0.1732	173.19184									*See Field Investigation Below
				10:35	119	0.1730	173.02941									*See Field Investigation Below
				10:40	119	0.1729	172.93714									*See Field Investigation Below
				10:45	119	0.1732	173.15536									*See Field Investigation Below
				10:50	119	0.1733	173.32818									*See Field Investigation Below
				10:55	119	0.1733	173.33595									*See Field Investigation Below
				11:00	119	0.1731	173.12664									*See Field Investigation Below
				11:05	119	0.1728	172.82677									*See Field Investigation Below
				11:10	119	0.1720	172.02673									*See Field Investigation Below
				11:15	119	0.1719	171.85643									*See Field Investigation Below
				11:20	119	0.1719	171.85561									*See Field Investigation Below
				11:25	119	0.1717	171.69808									*See Field Investigation Below
				11:30	119	0.1712	171.21226									*See Field Investigation Below
				11:35	119	0.1713	171.30977									*See Field Investigation Below
				11:40	119	0.1713	171.29245									*See Field Investigation Below



Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

05/05/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/05/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/05/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/05/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0000	0.0000	0:00	119	0.1486	148.6178	0:00	N/A	0	0.0000	0:00	39	0.0000	0.0000	*See Field Investigation Below
0:15	60	0.0000	0.0000	0:05	119	0.1484	148.3790	0:15	N/A	0	0.0000	0:15	39	0.0000	0.0000	*See Field Investigation Below
0:30	60	0.0000	0.0000	0:10	119	0.1480	148.0136	0:30	N/A	0	0.0000	0:30	39	0.0000	0.0000	*See Field Investigation Below
0:45	60	0.0000	0.0000	0:15	119	0.1480	148.0496	0:45	N/A	0	0.0000	0:45	39	0.0000	0.0000	*See Field Investigation Below
1:00	60	0.0000	0.0000	0:20	119	0.1490	149.0120	1:00	N/A	0	0.0000	1:00	39	0.0000	0.0000	*See Field Investigation Below
1:15	60	0.0000	0.0000	0:25	119	0.1490	148.9794	1:15	N/A	0	0.0000	1:15	39	0.0000	0.0000	*See Field Investigation Below
1:30	60	0.0000	0.0000	0:30	119	0.1486	148.5644	1:30	N/A	0	0.0000	1:30	39	0.0000	0.0000	*See Field Investigation Below
1:45	60	0.0000	0.0000	0:35	119	0.1486	148.6023	1:45	N/A	0	0.0000	1:45	39	0.0000	0.0000	*See Field Investigation Below
2:00	60	0.0000	0.0000	0:40	119	0.1486	148.5623	2:00	N/A	0	0.0000	2:00	39	0.0000	0.0000	*See Field Investigation Below
2:15	60	0.0000	0.0000	0:45	119	0.1482	148.2156	2:15	N/A	0	0.0000	2:15	39	0.0000	0.0000	*See Field Investigation Below
2:30	60	0.0000	0.0000	0:50	119	0.1486	148.6140	2:30	N/A	0	0.0000	2:30	39	0.0000	0.0000	*See Field Investigation Below
2:45	60	0.0000	0.0000	0:55	119	0.1490	148.9860	2:45	N/A	0	0.0000	2:45	39	0.0000	0.0000	*See Field Investigation Below
3:00	60	0.0000	0.0000	1:00	119	0.1487	148.6945	3:00	N/A	0	0.0000	3:00	39	0.0000	0.0000	*See Field Investigation Below
3:15	60	0.0000	0.0000	1:05	119	0.1484	148.3666	3:15	N/A	0	0.0000	3:15	39	0.0000	0.0000	*See Field Investigation Below
3:30	60	0.0000	0.0000	1:10	119	0.1481	148.1264	3:30	N/A	0	0.0000	3:30	39	0.0000	0.0000	*See Field Investigation Below
3:45	60	0.0000	0.0000	1:15	119	0.1483	148.3464	3:45	N/A	0	0.0000	3:45	39	0.0000	0.0000	*See Field Investigation Below
4:00	60	0.0000	0.0000	1:20	119	0.1486	148.5717	4:00	N/A	0	0.0000	4:00	39	0.0000	0.0000	*See Field Investigation Below
4:15	60	0.0000	0.0000	1:25	119	0.1485	148.4846	4:15	N/A	0	0.0000	4:15	39	0.0000	0.0000	*See Field Investigation Below
4:30	60	0.0000	0.0000	1:30	119	0.1488	148.8176	4:30	N/A	0	0.0000	4:30	39	0.0000	0.0000	*See Field Investigation Below
4:45	60	0.0000	0.0000	1:35	119	0.1489	148.9487	4:45	N/A	0	0.0000	4:45	39	0.0000	0.0000	*See Field Investigation Below
5:00	60	0.0000	0.0000	1:40	119	0.1483	148.3117	5:00	N/A	0	0.0000	5:00	39	0.0000	0.0000	*See Field Investigation Below
5:15	60	0.0000	0.0000	1:45	119	0.1482	148.1710	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	*See Field Investigation Below
5:30	60	0.0000	0.0000	1:50	119	0.1481	148.0741	5:30	N/A	0	0.0000	5:30	39	0.0000	0.0000	*See Field Investigation Below
5:45	60	0.0000	0.0000	1:55	119	0.1480	147.9957	5:45	N/A	0	0.0000	5:45	39	0.0000	0.0000	*See Field Investigation Below
6:00	60	0.0000	0.0000	2:00	119	0.1481	148.0697	6:00	N/A	0	0.0000	6:00	39	0.0000	0.0000	*See Field Investigation Below
6:15	60	0.0000	0.0000	2:05	119	0.1482	148.2435	6:15	N/A	0	0.0000	6:15	39	0.0000	0.0000	*See Field Investigation Below
6:30	60	0.0000	0.0000	2:10	119	0.1482	148.1793	6:30	N/A	0	0.0000	6:30	39	0.0000	0.0000	*See Field Investigation Below
6:45	60	0.0000	0.0000	2:15	119	0.1478	147.7671	6:45	N/A	0	0.0000	6:45	39	0.0000	0.0000	*See Field Investigation Below
7:00	60	0.0000	0.0000	2:20	119	0.1479	147.9453	7:00	N/A	0	0.0000	7:00	39	0.0000	0.0000	*See Field Investigation Below
7:15	60	0.0000	0.0002	2:25	119	0.1478	147.8018	7:15	N/A	0	0.0000	7:15	39	0.0000	0.0000	*See Field Investigation Below
7:30	60	0.0002	0.1771	2:30	119	0.1482	148.1866	7:30	N/A	0	0.0000	7:30	39	0.0000	0.0000	*See Field Investigation Below
7:45	60	0.0000	0.0161	2:35	119	0.1478	147.7710	7:45	N/A	0	0.0000	7:45	39	0.0000	0.0000	*See Field Investigation Below
8:00	60	0.0022	2.2139	2:40	119	0.1478	147.8446	8:00	N/A	0	0.0000	8:00	39	0.0020	2.0432	*See Field Investigation Below
8:15	60	0.0002	0.2332	2:45	119	0.1475	147.4661	8:15	N/A	0	0.0000	8:15	39	0.0002	0.2152	*See Field Investigation Below
8:30	60	0.0025	2.4604	2:50	119	0.1472	147.1785	8:30	N/A	0	0.0000	8:30	39	0.0018	1.8292	*See Field Investigation Below
8:45	60	0.0032	3.1567	2:55	119	0.1471	147.1015	8:45	N/A	0	0.0000	8:45	39	0.0021	2.1383	*See Field Investigation Below
9:00	60	0.0036	3.6403	3:00	119	0.1468	146.8329	9:00	N/A	0	0.0000	9:00	39	0.0023	2.2547	*See Field Investigation Below
9:15	60	0.0064	6.3842	3:05	119	0.1467	146.6790	9:15	N/A	0	0.0000	9:15	39	0.0040	4.0328	*See Field Investigation Below
9:30	60	0.0096	9.5901	3:10	119	0.1462	146.2389	9:30	N/A	0	0.0000	9:30	39	0.0059	5.8684	*See Field Investigation Below
9:45	60	0.0022	2.2083	3:15	119	0.1462	146.1522	9:45	N/A	0	0.0000	9:45	39	0.0014	1.4101	*See Field Investigation Below
10:00	60	0.0045	4.5149	3:20	119	0.1463	146.3060	10:00	N/A	0	0.0000	10:00	39	0.0018	1.7515	*See Field Investigation Below
10:15	60	0.0029	2.8865	3:25	119	0.1464	146.4145	10:15	N/A	0	0.0000	10:15	39	0.0004	0.3504	*See Field Investigation Below
10:30	60	0.0079	7.8779	3:30	119	0.1465	146.4581	10:30	N/A	0	0.0000	10:30	39	0.0043	4.2654	*See Field Investigation Below

10:45	60	0.0120	12.0006	3:35	119	0.1463	146.3107	10:45	N/A	0	0.0000	10:45	39	0.0079	7.9176	*See Field Investigation Below
11:00	60	0.0062	6.2066	3:40	119	0.1462	146.2049	11:00	N/A	0	0.0000	11:00	39	0.0023	2.2958	*See Field Investigation Below
11:15	60	0.0091	9.1301	3:45	119	0.1462	146.2060	11:15	N/A	0	0.0000	11:15	39	0.0056	5.6048	*See Field Investigation Below
11:30	60	0.0106	10.5545	3:50	119	0.1462	146.2484	11:30	N/A	0	0.0000	11:30	39	0.0074	7.3554	*See Field Investigation Below
11:45	60	0.0131	13.1358	3:55	119	0.1462	146.1872	11:45	N/A	0	0.0000	11:45	39	0.0101	10.0558	*See Field Investigation Below
12:00	60	0.0099	9.8617	4:00	119	0.1460	145.9931	12:00	N/A	0	0.0000	12:00	39	0.0072	7.1840	*See Field Investigation Below
12:15	60	0.0140	14.0048	4:05	119	0.1455	145.4560	12:15	N/A	0	0.0000	12:15	39	0.0102	10.2401	*See Field Investigation Below
12:30	60	0.0129	12.9098	4:10	119	0.1455	145.4767	12:30	N/A	0	0.0000	12:30	39	0.0105	10.4554	*See Field Investigation Below
12:45	60	0.0148	14.7905	4:15	119	0.1457	145.7189	12:45	N/A	0	0.0000	12:45	39	0.0121	12.0762	*See Field Investigation Below
13:00	60	0.0164	16.3951	4:20	119	0.1461	146.1075	13:00	N/A	0	0.0000	13:00	39	0.0133	13.2984	*See Field Investigation Below
13:15	60	0.0172	17.1523	4:25	119	0.1461	146.1350	13:15	N/A	0	0.0000	13:15	39	0.0135	13.5325	*See Field Investigation Below
13:30	60	0.0162	16.2019	4:30	119	0.1467	146.7452	13:30	N/A	0	0.0000	13:30	39	0.0117	11.7381	*See Field Investigation Below
13:45	60	0.0178	17.8209	4:35	119	0.1470	147.0309	13:45	N/A	0	0.0000	13:45	39	0.0119	11.9485	*See Field Investigation Below
14:00	60	0.0186	18.5609	4:40	119	0.1466	146.5961	14:00	N/A	0	0.0000	14:00	39	0.0128	12.7570	*See Field Investigation Below
14:15	60	0.0173	17.2780	4:45	119	0.1463	146.3176	14:15	N/A	0	0.0000	14:15	39	0.0116	11.5544	*See Field Investigation Below
14:30	60	0.0176	17.5741	4:50	119	0.1463	146.2743	14:30	N/A	0	0.0000	14:30	39	0.0117	11.6666	*See Field Investigation Below
14:45	60	0.0163	16.2967	4:55	119	0.1462	146.2331	14:45	N/A	0	0.0000	14:45	39	0.0110	10.9950	*See Field Investigation Below
15:00	60	0.0140	13.9857	5:00	119	0.1462	146.1869	15:00	N/A	0	0.0000	15:00	39	0.0106	10.5641	*See Field Investigation Below
15:15	60	0.0170	16.9852	5:05	119	0.1461	146.1269	15:15	N/A	0	0.0000	15:15	39	0.0126	12.5895	*See Field Investigation Below
15:30	60	0.0198	19.7813	5:10	119	0.1467	146.6522	15:30	N/A	0	0.0000	15:30	39	0.0160	16.0101	*See Field Investigation Below
15:45	60	0.0208	20.8423	5:15	119	0.1471	147.0976	15:45	N/A	0	0.0000	15:45	39	0.0186	18.5560	*See Field Investigation Below
16:00	60	0.0179	17.9238	5:20	119	0.1474	147.4314	16:00	N/A	0	0.0000	16:00	39	0.0158	15.7940	*See Field Investigation Below
16:15	60	0.0161	16.0807	5:25	119	0.1476	147.6293	16:15	N/A	0	0.0000	16:15	39	0.0138	13.7630	*See Field Investigation Below
16:30	60	0.0150	15.0096	5:30	119	0.1484	148.3768	16:30	N/A	0	0.0000	16:30	39	0.0122	12.1750	*See Field Investigation Below
16:45	60	0.0115	11.5227	5:35	119	0.1481	148.1374	16:45	N/A	0	0.0000	16:45	39	0.0089	8.9286	*See Field Investigation Below
17:00	60	0.0083	8.3255	5:40	119	0.1476	147.5985	17:00	N/A	0	0.0000	17:00	39	0.0066	6.5856	*See Field Investigation Below
17:15	60	0.0079	7.8959	5:45	119	0.1484	148.4445	17:15	N/A	0	0.0000	17:15	39	0.0066	6.5520	*See Field Investigation Below
17:30	60	0.0077	7.7488	5:50	119	0.1487	148.6614	17:30	N/A	0	0.0000	17:30	39	0.0065	6.4896	*See Field Investigation Below
17:45	60	0.0081	8.0860	5:55	119	0.1491	149.0507	17:45	N/A	0	0.0000	17:45	39	0.0062	6.1729	*See Field Investigation Below
18:00	60	0.0088	8.7706	6:00	119	0.1494	149.4433	18:00	N/A	0	0.0000	18:00	39	0.0068	6.8332	*See Field Investigation Below
18:15	60	0.0102	10.2171	6:05	119	0.1499	149.9230	18:15	N/A	0	0.0000	18:15	39	0.0086	8.6198	*See Field Investigation Below
18:30	60	0.0105	10.5121	6:10	119	0.1517	151.7230	18:30	N/A	0	0.0000	18:30	39	0.0098	9.8418	*See Field Investigation Below
18:45	60	0.0092	9.1522	6:15	119	0.1532	153.1790	18:45	N/A	0	0.0000	18:45	39	0.0092	9.2176	*See Field Investigation Below
19:00	60	0.0107	10.7191	6:20	119	0.1518	151.7794	19:00	N/A	0	0.0000	19:00	39	0.0102	10.2457	*See Field Investigation Below
19:15	60	0.0123	12.3350	6:25	119	0.1514	151.4148	19:15	N/A	0	0.0000	19:15	39	0.0118	11.7712	*See Field Investigation Below
19:30	60	0.0147	14.7078	6:30	119	0.1518	151.7836	19:30	N/A	0	0.0000	19:30	39	0.0127	12.6854	*See Field Investigation Below
19:45	60	0.0127	12.7336	6:35	119	0.1529	152.9050	19:45	N/A	0	0.0000	19:45	39	0.0116	11.5800	*See Field Investigation Below
20:00	60	0.0117	11.7303	6:40	119	0.1533	153.3134	20:00	N/A	0	0.0000	20:00	39	0.0098	9.8047	*See Field Investigation Below
20:15	60	0.0129	12.8680	6:45	119	0.1536	153.5593	20:15	N/A	0	0.0000	20:15	39	0.0093	9.2767	*See Field Investigation Below
20:30	60	0.0127	12.6518	6:50	119	0.1540	154.0163	20:30	N/A	0	0.0000	20:30	39	0.0073	7.3030	*See Field Investigation Below
20:45	60	0.0122	12.2278	6:55	119	0.1537	153.7095	20:45	N/A	0	0.0000	20:45	39	0.0068	6.7873	*See Field Investigation Below
21:00	60	0.0116	11.5870	7:00	119	0.1545	154.5011	21:00	N/A	0	0.0000	21:00	39	0.0062	6.1773	*See Field Investigation Below
21:15	60	0.0115	11.5467	7:05	119	0.1548	154.7955	21:15	N/A	0	0.0000	21:15	39	0.0052	5.1512	*See Field Investigation Below
21:30	60	0.0115	11.4885	7:10	119	0.1554	155.4448	21:30	N/A	0	0.0000	21:30	39	0.0043	4.2995	*See Field Investigation Below
21:45	60	0.0119	11.9417	7:15	119	0.1556	155.5603	21:45	N/A	0	0.0000	21:45	39	0.0036	3.5679	*See Field Investigation Below
22:00	60	0.0135	13.4917	7:20	119	0.1558	155.7940	22:00	N/A	0	0.0000	22:00	39	0.0041	4.0888	*See Field Investigation Below
22:15	60	0.0128	12.8499	7:25	119	0.1561	156.0568	22:15	N/A	0	0.0000	22:15	39	0.0040	4.0204	*See Field Investigation Below
22:30	60	0.0116	11.5803	7:30	119	0.1561	156.1138	22:30	N/A	0	0.0000	22:30	39	0.0020	1.9962	*See Field Investigation Below
22:45	60	0.0128	12.8335	7:35	119	0.1565	156.5417	22:45	N/A	0	0.0000	22:45	39	0.0016	1.5844	*See Field Investigation Below
23:00	60	0.0144	14.4404	7:40	119	0.1569	156.9033	23:00	N/A	0	0.0000	23:00	39	0.0026	2.5925	*See Field Investigation Below
23:15	60	0.0123	12.2906	7:45	119	0.1607	160.7036	23:15	N/A	0	0.0000	23:15	39	0.0032	3.1534	*See Field Investigation Below
23:30	60	0.0102	10.2203	7:50	119	0.1673	167.3262	23:30	N/A	0	0.0000	23:30	39	0.0013	1.2800	*See Field Investigation Below
23:45	60	0.0104	10.3970	7:55	119	0.1600	159.9771	23:45	N/A	0	0.0000	23:45	39	0.0008	0.8468	*See Field Investigation Below



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.014	0	0	0	0.14

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/06/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/06/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/06/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/06/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0096	9.5689	0:00	119	0.1670	166.9557	0:00	N/A	0	0.0000	0:00	39	0.0003	0.3094	*See Field Investigation Below
0:15	60	0.0091	9.1443	0:05	119	0.1669	166.9090	0:15	N/A	0	0.0000	0:15	39	0.0001	0.1240	*See Field Investigation Below
0:30	60	0.0093	9.3153	0:10	119	0.1668	166.7652	0:30	N/A	0	0.0000	0:30	39	0.0001	0.1440	*See Field Investigation Below
0:45	60	0.0105	10.5103	0:15	119	0.1674	167.4324	0:45	N/A	0	0.0000	0:45	39	0.0001	0.0760	*See Field Investigation Below
1:00	60	0.0133	13.3302	0:20	119	0.1677	167.6752	1:00	N/A	0	0.0000	1:00	39	0.0011	1.0564	*See Field Investigation Below
1:15	60	0.0124	12.3709	0:25	119	0.1669	166.9148	1:15	N/A	0	0.0000	1:15	39	0.0020	1.9702	*See Field Investigation Below
1:30	60	0.0109	10.8958	0:30	119	0.1667	166.7147	1:30	N/A	0	0.0000	1:30	39	0.0007	0.7138	*See Field Investigation Below
1:45	60	0.0127	12.6656	0:35	119	0.1667	166.7350	1:45	N/A	0	0.0000	1:45	39	0.0028	2.8101	*See Field Investigation Below
2:00	60	0.0117	11.7349	0:40	119	0.1673	167.3162	2:00	N/A	0	0.0000	2:00	39	0.0020	2.0298	*See Field Investigation Below
2:15	60	0.0106	10.5772	0:45	119	0.1666	166.5530	2:15	N/A	0	0.0000	2:15	39	0.0006	0.5894	*See Field Investigation Below
2:30	60	0.0112	11.1989	0:50	119	0.1667	166.7339	2:30	N/A	0	0.0000	2:30	39	0.0000	0.0179	*See Field Investigation Below
2:45	60	0.0127	12.7260	0:55	119	0.1667	166.7072	2:45	N/A	0	0.0000	2:45	39	0.0003	0.2566	*See Field Investigation Below
3:00	60	0.0109	10.9365	1:00	119	0.1665	166.4886	3:00	N/A	0	0.0000	3:00	39	0.0009	0.9070	*See Field Investigation Below
3:15	60	0.0111	11.0518	1:05	119	0.1714	171.3585	3:15	N/A	0	0.0000	3:15	39	0.0011	1.1267	*See Field Investigation Below
3:30	60	0.0123	12.2812	1:10	119	0.1703	170.3314	3:30	N/A	0	0.0000	3:30	39	0.0032	3.2132	*See Field Investigation Below
3:45	60	0.0122	12.1560	1:15	119	0.1666	166.5859	3:45	N/A	0	0.0000	3:45	39	0.0029	2.9360	*See Field Investigation Below
4:00	60	0.0134	13.4209	1:20	119	0.1668	166.8151	4:00	N/A	0	0.0000	4:00	39	0.0027	2.6842	*See Field Investigation Below
4:15	60	0.0185	18.4926	1:25	119	0.1668	166.7822	4:15	N/A	0	0.0000	4:15	39	0.0087	8.7189	*See Field Investigation Below
4:30	60	0.0169	16.8637	1:30	119	0.1668	166.7723	4:30	N/A	0	0.0000	4:30	39	0.0086	8.5723	*See Field Investigation Below
4:45	60	0.0147	14.7393	1:35	119	0.1696	169.6221	4:45	N/A	0	0.0000	4:45	39	0.0062	6.2356	*See Field Investigation Below
5:00	60	0.0153	15.2640	1:40	119	0.1739	173.9319	5:00	N/A	0	0.0000	5:00	39	0.0074	7.4213	*See Field Investigation Below
5:15	60	0.0136	13.6353	1:45	119	0.1683	168.2571	5:15	N/A	0	0.0000	5:15	39	0.0057	5.7426	*See Field Investigation Below
5:30	60	0.0145	14.5409	1:50	119	0.1764	176.3681	5:30	N/A	0	0.0000	5:30	39	0.0072	7.2402	*See Field Investigation Below
5:45	60	0.0139	13.8554	1:55	119	0.1675	167.4763	5:45	N/A	0	0.0000	5:45	39	0.0070	7.0421	*See Field Investigation Below
6:00	60	0.0127	12.7284	2:00	119	0.1678	167.8453	6:00	N/A	0	0.0000	6:00	39	0.0067	6.6518	*See Field Investigation Below
6:15	60	0.0114	11.3652	2:05	119	0.1677	167.7191	6:15	N/A	0	0.0000	6:15	39	0.0045	4.5056	*See Field Investigation Below
6:30	60	0.0131	13.1198	2:10	119	0.1674	167.4450	6:30	N/A	0	0.0000	6:30	39	0.0065	6.5451	*See Field Investigation Below
6:45	60	0.0126	12.5766	2:15	119	0.1666	166.6277	6:45	N/A	0	0.0000	6:45	39	0.0057	5.7245	*See Field Investigation Below
7:00	60	0.0118	11.7688	2:20	119	0.1668	166.7863	7:00	N/A	0	0.0000	7:00	39	0.0052	5.2391	*See Field Investigation Below
7:15	60	0.0101	10.1081	2:25	119	0.1667	166.6853	7:15	N/A	0	0.0000	7:15	39	0.0041	4.0688	*See Field Investigation Below
7:30	60	0.0101	10.0784	2:30	119	0.1665	166.5480	7:30	N/A	0	0.0000	7:30	39	0.0041	4.1244	*See Field Investigation Below
7:45	60	0.0052	5.1733	2:35	119	0.1664	166.4253	7:45	N/A	0	0.0000	7:45	39	0.0008	0.8412	*See Field Investigation Below
8:00	60	0.0111	11.1457	2:40	119	0.1672	167.1702	8:00	N/A	0	0.0000	8:00	39	0.0075	7.5348	*See Field Investigation Below
8:15	60	0.0134	13.3896	2:45	119	0.1668	166.8328	8:15	N/A	0	0.0000	8:15	39	0.0072	7.2250	*See Field Investigation Below
8:30	60	0.0130	13.0005	2:50	119	0.1680	168.0391	8:30	N/A	0	0.0000	8:30	39	0.0073	7.2560	*See Field Investigation Below

8:45	60	0.0123	12.2879	2:55	119	0.1673	167.2827	8:45	N/A	0	0.0000	8:45	39	0.0069	6.9250	*See Field Investigation Below
9:00	60	0.0108	10.7587	3:00	119	0.1673	167.3294	9:00	N/A	0	0.0000	9:00	39	0.0065	6.4663	*See Field Investigation Below
9:15	60	0.0071	7.0562	3:05	119	0.1670	167.0450	9:15	N/A	0	0.0000	9:15	39	0.0024	2.3658	*See Field Investigation Below
9:30	60	0.0117	11.6520	3:10	119	0.1669	166.8989	9:30	N/A	0	0.0000	9:30	39	0.0062	6.1559	*See Field Investigation Below
9:45	60	0.0085	8.4622	3:15	119	0.1666	166.6234	9:45	N/A	0	0.0000	9:45	39	0.0021	2.0888	*See Field Investigation Below
10:00	60	0.0035	3.4952	3:20	119	0.1686	168.5650	10:00	N/A	0	0.0000	10:00	39	0.0000	0.0000	*See Field Investigation Below
10:15	60	0.0032	3.2105	3:25	119	0.1776	177.6124	10:15	N/A	0	0.0000	10:15	39	0.0000	0.0001	*See Field Investigation Below
10:30	60	0.0034	3.3952	3:30	119	0.1760	176.0364	10:30	N/A	0	0.0000	10:30	39	0.0001	0.0623	*See Field Investigation Below
10:45	60	0.0036	3.5659	3:35	119	0.1675	167.5306	10:45	N/A	0	0.0000	10:45	39	0.0009	0.9278	*See Field Investigation Below
11:00	60	0.0035	3.5384	3:40	119	0.1690	169.0390	11:00	N/A	0	0.0000	11:00	39	0.0021	2.1007	*See Field Investigation Below
11:15	60	0.0034	3.3732	3:45	119	0.1681	168.1304	11:15	N/A	0	0.0000	11:15	39	0.0027	2.6753	*See Field Investigation Below
11:30	60	0.0032	3.1837	3:50	119	0.1678	167.8305	11:30	N/A	0	0.0000	11:30	39	0.0034	3.3706	*See Field Investigation Below
11:45	60	0.0032	3.2299	3:55	119	0.1690	168.9661	11:45	N/A	0	0.0000	11:45	39	0.0039	3.8649	*See Field Investigation Below
12:00	60	0.0038	3.7687	4:00	119	0.1766	176.5770	12:00	N/A	0	0.0000	12:00	39	0.0045	4.5075	*See Field Investigation Below
12:15	60	0.0043	4.3489	4:05	119	0.1766	176.6082	12:15	N/A	0	0.0000	12:15	39	0.0051	5.1427	*See Field Investigation Below
12:30	60	0.0048	4.8477	4:10	119	0.1769	176.8840	12:30	N/A	0	0.0000	12:30	39	0.0058	5.7543	*See Field Investigation Below
12:45	60	0.0061	6.0795	4:15	119	0.1782	178.2481	12:45	N/A	0	0.0000	12:45	39	0.0067	6.6859	*See Field Investigation Below
13:00	60	0.0074	7.4426	4:20	119	0.1781	178.1448	13:00	N/A	0	0.0000	13:00	39	0.0079	7.9029	*See Field Investigation Below
13:15	60	0.0083	8.3380	4:25	119	0.1774	177.3817	13:15	N/A	0	0.0000	13:15	39	0.0084	8.4434	*See Field Investigation Below
13:30	60	0.0109	10.8988	4:30	119	0.1687	168.6664	13:30	N/A	0	0.0000	13:30	39	0.0112	11.2131	*See Field Investigation Below
13:45	60	0.0085	8.5492	4:35	119	0.1745	174.4817	13:45	N/A	0	0.0000	13:45	39	0.0085	8.4639	*See Field Investigation Below
14:00	60	0.0117	11.6533	4:40	119	0.1771	177.0675	14:00	N/A	0	0.0000	14:00	39	0.0127	12.7475	*See Field Investigation Below
14:15	60	0.0146	14.5752	4:45	119	0.1763	176.3129	14:15	N/A	0	0.0000	14:15	39	0.0129	12.9351	*See Field Investigation Below
14:30	60	0.0098	9.7729	4:50	119	0.1759	175.8801	14:30	N/A	0	0.0000	14:30	39	0.0109	10.9145	*See Field Investigation Below
14:45	60	0.0130	13.0480	4:55	119	0.1756	175.6445	14:45	N/A	0	0.0000	14:45	39	0.0168	16.7962	*See Field Investigation Below
15:00	60	0.0204	20.4493	5:00	119	0.1757	175.6691	15:00	N/A	0	0.0000	15:00	39	0.0221	22.1169	*See Field Investigation Below
15:15	60	0.0206	20.5546	5:05	119	0.1678	167.7640	15:15	N/A	0	0.0000	15:15	39	0.0239	23.9029	*See Field Investigation Below
15:30	60	0.0203	20.3038	5:10	119	0.1743	174.3120	15:30	N/A	0	0.0000	15:30	39	0.0251	25.0953	*See Field Investigation Below
15:45	60	0.0200	19.9740	5:15	119	0.1745	174.4518	15:45	N/A	0	0.0000	15:45	39	0.0250	25.0186	*See Field Investigation Below
16:00	60	0.0194	19.3744	5:20	119	0.1741	174.1036	16:00	N/A	0	0.0000	16:00	39	0.0246	24.5844	*See Field Investigation Below
16:15	60	0.0153	15.2812	5:25	119	0.1740	173.9692	16:15	N/A	0	0.0000	16:15	39	0.0213	21.3393	*See Field Investigation Below
16:30	60	0.0194	19.3790	5:30	119	0.1741	174.0787	16:30	N/A	0	0.0000	16:30	39	0.0236	23.5778	*See Field Investigation Below
16:45	60	0.0159	15.8868	5:35	119	0.1738	173.7810	16:45	N/A	0	0.0000	16:45	39	0.0209	20.9211	*See Field Investigation Below
17:00	60	0.0088	8.8202	5:40	119	0.1737	173.6933	17:00	N/A	0	0.0000	17:00	39	0.0144	14.3515	*See Field Investigation Below
17:15	60	0.0083	8.3061	5:45	119	0.1737	173.7233	17:15	N/A	0	0.0000	17:15	39	0.0138	13.8389	*See Field Investigation Below
17:30	60	0.0177	17.7059	5:50	119	0.1736	173.6462	17:30	N/A	0	0.0000	17:30	39	0.0196	19.5687	*See Field Investigation Below
17:45	60	0.0177	17.7462	5:55	119	0.1731	173.1332	17:45	N/A	0	0.0000	17:45	39	0.0197	19.7488	*See Field Investigation Below
18:00	60	0.0142	14.2468	6:00	119	0.1729	172.9288	18:00	N/A	0	0.0000	18:00	39	0.0166	16.6157	*See Field Investigation Below
18:15	60	0.0167	16.7038	6:05	119	0.1640	164.0434	18:15	N/A	0	0.0000	18:15	39	0.0173	17.2981	*See Field Investigation Below
18:30	60	0.0156	15.5611	6:10	119	0.1699	169.8862	18:30	N/A	0	0.0000	18:30	39	0.0187	18.6603	*See Field Investigation Below
18:45	60	0.0122	12.2164	6:15	119	0.1722	172.1719	18:45	N/A	0	0.0000	18:45	39	0.0171	17.0856	*See Field Investigation Below
19:00	60	0.0154	15.4079	6:20	119	0.1721	172.1242	19:00	N/A	0	0.0000	19:00	39	0.0174	17.3633	*See Field Investigation Below
19:15	60	0.0135	13.5492	6:25	119	0.1721	172.0730	19:15	N/A	0	0.0000	19:15	39	0.0160	15.9905	*See Field Investigation Below
19:30	60	0.0086	8.6222	6:30	119	0.1718	171.8058	19:30	N/A	0	0.0000	19:30	39	0.0138	13.7722	*See Field Investigation Below
19:45	60	0.0137	13.6571	6:35	119	0.1715	171.5439	19:45	N/A	0	0.0000	19:45	39	0.0138	13.8375	*See Field Investigation Below
20:00	60	0.0161	16.0740	6:40	119	0.1714	171.4079	20:00	N/A	0	0.0000	20:00	39	0.0150	14.9828	*See Field Investigation Below
20:15	60	0.0159	15.8885	6:45	119	0.1711	171.0831	20:15	N/A	0	0.0000	20:15	39	0.0162	16.1637	*See Field Investigation Below
20:30	60	0.0197	19.7110	6:50	119	0.1707	170.7298	20:30	N/A	0	0.0000	20:30	39	0.0171	17.1210	*See Field Investigation Below
20:45	60	0.0172	17.2051	6:55	119	0.1708	170.7611	20:45	N/A	0	0.0000	20:45	39	0.0170	17.0265	*See Field Investigation Below
21:00	60	0.0204	20.3736	7:00	119	0.1643	164.2908	21:00	N/A	0	0.0000	21:00	39	0.0149	14.8532	*See Field Investigation Below
21:15	60	0.0157	15.7320	7:05	119	0.1685	168.5346	21:15	N/A	0	0.0000	21:15	39	0.0084	8.3640	*See Field Investigation Below
21:30	60	0.0104	10.3867	7:10	119	0.1709	170.9485	21:30	N/A	0	0.0000	21:30	39	0.0102	10.2362	*See Field Investigation Below
21:45	60	0.0148	14.7711	7:15	119	0.1710	171.0219	21:45	N/A	0	0.0000	21:45	39	0.0117	11.6945	*See Field Investigation Below

22:00	60	0.0127	12.6911	7:20	119	0.1710	170.9549	22:00	N/A	0	0.0000	22:00	39	0.0122	12.2108	*See Field Investigation Below
22:15	60	0.0140	13.9533	7:25	119	0.1660	165.9546	22:15	N/A	0	0.0000	22:15	39	0.0133	13.3175	*See Field Investigation Below
22:30	60	0.0148	14.7598	7:30	119	0.1619	161.8618	22:30	N/A	0	0.0000	22:30	39	0.0118	11.7705	*See Field Investigation Below
22:45	60	0.0135	13.4799	7:35	119	0.1616	161.6462	22:45	N/A	0	0.0000	22:45	39	0.0116	11.6292	*See Field Investigation Below
23:00	60	0.0138	13.7715	7:40	119	0.1616	161.5870	23:00	N/A	0	0.0000	23:00	39	0.0124	12.3592	*See Field Investigation Below
23:15	60	0.0145	14.4693	7:45	119	0.1668	166.7844	23:15	N/A	0	0.0000	23:15	39	0.0120	12.0463	*See Field Investigation Below
23:30	60	0.0109	10.8735	7:50	119	0.1715	171.4504	23:30	N/A	0	0.0000	23:30	39	0.0124	12.3511	*See Field Investigation Below
23:45	60	0.0151	15.0960	7:55	119	0.1718	171.7751	23:45	N/A	0	0.0000	23:45	39	0.0129	12.9463	*See Field Investigation Below
				8:00	119	0.1720	171.95544									*See Field Investigation Below
				8:05	119	0.1718	171.84079									*See Field Investigation Below
				8:10	119	0.1717	171.65481									*See Field Investigation Below
				8:15	119	0.1716	171.59999									*See Field Investigation Below
				8:20	119	0.1713	171.31928									*See Field Investigation Below
				8:25	119	0.1709	170.91923									*See Field Investigation Below
				8:30	119	0.1710	171.00996									*See Field Investigation Below
				8:35	119	0.1707	170.69533									*See Field Investigation Below
				8:40	119	0.1703	170.25571									*See Field Investigation Below
				8:45	119	0.1707	170.67649									*See Field Investigation Below
				8:50	119	0.1705	170.54425									*See Field Investigation Below
				8:55	119	0.1704	170.40507									*See Field Investigation Below
				9:00	119	0.1652	165.15904									*See Field Investigation Below
				9:05	119	0.1606	160.64038									*See Field Investigation Below
				9:10	119	0.1661	166.1056									*See Field Investigation Below
				9:15	119	0.1704	170.43713									*See Field Investigation Below
				9:20	119	0.1704	170.35971									*See Field Investigation Below
				9:25	119	0.1704	170.41055									*See Field Investigation Below
				9:30	119	0.1700	169.97601									*See Field Investigation Below
				9:35	119	0.1669	166.94502									*See Field Investigation Below
				9:40	119	0.1614	161.44152									*See Field Investigation Below
				9:45	119	0.1619	161.85386									*See Field Investigation Below
				9:50	119	0.1615	161.51933									*See Field Investigation Below
				9:55	119	0.1614	161.41139									*See Field Investigation Below
				10:00	119	0.1610	161.01872									*See Field Investigation Below
				10:05	119	0.1611	161.05884									*See Field Investigation Below
				10:10	119	0.1610	161.01056									*See Field Investigation Below
				10:15	119	0.1610	161.01758									*See Field Investigation Below
				10:20	119	0.1609	160.86456									*See Field Investigation Below
				10:25	119	0.1608	160.79546									*See Field Investigation Below
				10:30	119	0.1607	160.71725									*See Field Investigation Below
				10:35	119	0.1608	160.77036									*See Field Investigation Below
				10:40	119	0.1610	160.9989									*See Field Investigation Below
				10:45	119	0.1609	160.94789									*See Field Investigation Below
				10:50	119	0.1609	160.93291									*See Field Investigation Below
				10:55	119	0.1607	160.70018									*See Field Investigation Below
				11:00	119	0.1601	160.06769									*See Field Investigation Below
				11:05	119	0.1599	159.87847									*See Field Investigation Below
				11:10	119	0.1602	160.18339									*See Field Investigation Below
				11:15	119	0.1603	160.25996									*See Field Investigation Below
				11:20	119	0.1597	159.69487									*See Field Investigation Below
				11:25	119	0.1595	159.47826									*See Field Investigation Below
				11:30	119	0.1588	158.82818									*See Field Investigation Below
				11:35	119	0.1583	158.2904									*See Field Investigation Below
				11:40	119	0.1584	158.41052									*See Field Investigation Below

20:35	119	0.1741	174.06032
20:40	119	0.1739	173.87489
20:45	119	0.1740	174.0211
20:50	119	0.1743	174.29976
20:55	119	0.1745	174.47415
21:00	119	0.1691	169.08036
21:05	119	0.1633	163.31112
21:10	119	0.1637	163.67404
21:15	119	0.1669	166.86768
21:20	119	0.1650	165.03198
21:25	119	0.1686	168.55925
21:30	119	0.1706	170.59029
21:35	119	0.1703	170.27911
21:40	119	0.1683	168.32667
21:45	119	0.1643	164.29327
21:50	119	0.1643	164.25329
21:55	119	0.1669	166.87667
22:00	119	0.1665	166.47458
22:05	119	0.1664	166.37909
22:10	119	0.1641	164.11742
22:15	119	0.1639	163.89581
22:20	119	0.1628	162.8434
22:25	119	0.1617	161.69179
22:30	119	0.1585	158.52246
22:35	119	0.1583	158.2508
22:40	119	0.1553	155.31536
22:45	119	0.1542	154.1561
22:50	119	0.1538	153.81126
22:55	119	0.1557	155.73711
23:00	119	0.1546	154.59999
23:05	119	0.1542	154.24697
23:10	119	0.1538	153.75818
23:15	119	0.1529	152.91154
23:20	119	0.1529	152.85862
23:25	119	0.1519	151.89037
23:30	119	0.1514	151.41862
23:35	119	0.1517	151.69686
23:40	119	0.1524	152.41371
23:45	119	0.1520	151.96148
23:50	119	0.1524	152.44859
23:55	119	0.1509	150.92485

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* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.18	0	0	0	0.31
02	0.15	0	0	0	0.2

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/07/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/07/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/07/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/07/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0112	11.1956	0:00	119	0.1518	151.8362	0:00	N/A	0	0.0000	0:00	39	0.0121	12.1210	*See Field Investigation Below
0:15	60	0.0069	6.8531	0:05	119	0.1454	145.3516	0:15	N/A	0	0.0000	0:15	39	0.0092	9.1999	*See Field Investigation Below
0:30	60	0.0084	8.4061	0:10	119	0.1411	141.0728	0:30	N/A	0	0.0000	0:30	39	0.0074	7.3539	*See Field Investigation Below
0:45	60	0.0075	7.5042	0:15	119	0.1478	147.7656	0:45	N/A	0	0.0000	0:45	39	0.0071	7.0859	*See Field Investigation Below
1:00	60	0.0063	6.2623	0:20	119	0.1504	150.4219	1:00	N/A	0	0.0000	1:00	39	0.0073	7.3361	*See Field Investigation Below
1:15	60	0.0041	4.1408	0:25	119	0.1481	148.1438	1:15	N/A	0	0.0000	1:15	39	0.0064	6.3665	*See Field Investigation Below
1:30	60	0.0038	3.8057	0:30	119	0.1437	143.7472	1:30	N/A	0	0.0000	1:30	39	0.0039	3.8772	*See Field Investigation Below
1:45	60	0.0023	2.2997	0:35	119	0.1434	143.4362	1:45	N/A	0	0.0000	1:45	39	0.0026	2.5636	*See Field Investigation Below
2:00	60	0.0033	3.2945	0:40	119	0.1455	145.4989	2:00	N/A	0	0.0000	2:00	39	0.0035	3.5389	*See Field Investigation Below
2:15	60	0.0008	0.8235	0:45	119	0.1416	141.5743	2:15	N/A	0	0.0000	2:15	39	0.0027	2.7334	*See Field Investigation Below
2:30	60	0.0005	0.4551	0:50	119	0.1380	137.9715	2:30	N/A	0	0.0000	2:30	39	0.0000	0.0000	*See Field Investigation Below
2:45	60	0.0012	1.2316	0:55	119	0.1393	139.3016	2:45	N/A	0	0.0000	2:45	39	0.0010	0.9896	*See Field Investigation Below
3:00	60	0.0004	0.4372	1:00	119	0.1406	140.6012	3:00	N/A	0	0.0000	3:00	39	0.0027	2.7339	*See Field Investigation Below
3:15	60	0.0023	2.3392	1:05	119	0.1399	139.8589	3:15	N/A	0	0.0000	3:15	39	0.0029	2.8568	*See Field Investigation Below
3:30	60	0.0040	4.0453	1:10	119	0.1420	142.0176	3:30	N/A	0	0.0000	3:30	39	0.0042	4.1647	*See Field Investigation Below
3:45	60	0.0036	3.5761	1:15	119	0.1397	139.7334	3:45	N/A	0	0.0000	3:45	39	0.0064	6.4202	*See Field Investigation Below
4:00	60	0.0023	2.3228	1:20	119	0.1377	137.7420	4:00	N/A	0	0.0000	4:00	39	0.0058	5.8078	*See Field Investigation Below
4:15	60	0.0012	1.2365	1:25	119	0.1378	137.7628	4:15	N/A	0	0.0000	4:15	39	0.0055	5.5377	*See Field Investigation Below
4:30	60	0.0014	1.4438	1:30	119	0.1384	138.4316	4:30	N/A	0	0.0000	4:30	39	0.0045	4.5172	*See Field Investigation Below
4:45	60	0.0005	0.4686	1:35	119	0.1304	130.4071	4:45	N/A	0	0.0000	4:45	39	0.0000	0.0000	*See Field Investigation Below
5:00	60	0.0003	0.2922	1:40	119	0.1313	131.2666	5:00	N/A	0	0.0000	5:00	39	0.0000	0.0000	*See Field Investigation Below
5:15	60	0.0006	0.6494	1:45	119	0.1305	130.4551	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	*See Field Investigation Below
5:30	60	0.0007	0.7140	1:50	119	0.1266	126.5643	5:30	N/A	0	0.0000	5:30	39	0.0000	0.0000	*See Field Investigation Below
5:45	60	0.0002	0.2476	1:55	119	0.1333	133.3189	5:45	N/A	0	0.0000	5:45	39	0.0000	0.0000	*See Field Investigation Below
6:00	60	0.0000	0.0000	2:00	119	0.1346	134.5600	6:00	N/A	0	0.0000	6:00	39	0.0000	0.0000	*See Field Investigation Below
6:15	60	0.0000	0.0000	2:05	119	0.1321	132.1066	6:15	N/A	0	0.0000	6:15	39	0.0000	0.0000	*See Field Investigation Below
6:30	60	0.0000	0.0000	2:10	119	0.1273	127.3464	6:30	N/A	0	0.0000	6:30	39	0.0000	0.0000	*See Field Investigation Below
6:45	60	0.0000	0.0000	2:15	119	0.1310	131.0407	6:45	N/A	0	0.0000	6:45	39	0.0000	0.0000	*See Field Investigation Below
7:00	60	0.0000	0.0000	2:20	119	0.1268	126.7886	7:00	N/A	0	0.0000	7:00	39	0.0000	0.0000	*See Field Investigation Below
7:15	60	0.0000	0.0000	2:25	119	0.1267	126.6991	7:15	N/A	0	0.0000	7:15	39	0.0000	0.0000	*See Field Investigation Below
7:30	60	0.0000	0.0000	2:30	119	0.1275	127.5446	7:30	N/A	0	0.0000	7:30	39	0.0000	0.0000	*See Field Investigation Below
7:45	60	0.0000	0.0000	2:35	119	0.1261	126.1429	7:45	N/A	0	0.0000	7:45	39	0.0000	0.0459	*See Field Investigation Below
8:00	60	0.0000	0.0000	2:40	119	0.1241	124.1227	8:00	N/A	0	0.0000	8:00	39	0.0004	0.3631	*See Field Investigation Below
8:15	60	0.0013	1.3264	2:45	119	0.1266	126.6283	8:15	N/A	0	0.0000	8:15	39	0.0023	2.3460	*See Field Investigation Below

16:45	60	0.0020	2.0438	8:45	119	0.1179	117.8761	21:45	N/A	0	0.0000	21:45	39	0.0000	0.0000	
17:00	60	0.0026	2.6335	9:00	119	0.1149	114.8797	22:00	N/A	0	0.0000	22:00	39	0.0000	0.0000	
17:15	60	0.0024	2.4138	9:15	119	0.1160	115.9942	22:15	N/A	0	0.0000	22:15	39	0.0000	0.0000	
17:30	60	0.0020	1.9699	9:30	119	0.1619	161.8618	22:30	N/A	0	0.0000	22:30	39	0.0000	0.0000	*See Field Investigation Below
17:45	60	0.0017	1.7124	9:35	119	0.1616	161.6462	22:45	N/A	0	0.0000	22:45	39	0.0000	0.0000	*See Field Investigation Below
18:00	60	0.0021	2.1089	9:40	119	0.1616	161.5870	23:00	N/A	0	0.0000	23:00	39	0.0000	0.0000	*See Field Investigation Below
18:15	60	0.0014	1.4007	9:45	119	0.1668	166.7844	23:15	N/A	0	0.0000	23:15	39	0.0000	0.0000	*See Field Investigation Below
18:30	60	0.0021	2.1314	9:50	119	0.1715	171.4504	23:30	N/A	0	0.0000	23:30	39	0.0000	0.0000	*See Field Investigation Below
18:45	60	0.0013	1.2993	9:55	119	0.1718	171.7751	23:45	N/A	0	0.0000	23:45	39	0.0000	0.0000	*See Field Investigation Below
19:00	60	0.0019	1.9207205	10:00	119	0.1720	171.95544									*See Field Investigation Below
19:15	60	0.0019	1.9387941	10:05	119	0.1718	171.84079									*See Field Investigation Below
19:30	60	0.0025	2.4840234	10:10	119	0.1717	171.65481									*See Field Investigation Below
19:45	60	0.0032	3.1869191	10:15	119	0.1716	171.59999									*See Field Investigation Below
20:00	60	0.0019	1.9216723	10:20	119	0.1713	171.31928									*See Field Investigation Below
20:15	60	0.0027	2.6814736	10:25	119	0.1709	170.91923									*See Field Investigation Below
20:30	60	0.0027	2.6517267	10:30	119	0.1710	171.00996									*See Field Investigation Below
20:45	60	0.0036	3.607133	10:35	119	0.1707	170.69533									*See Field Investigation Below
21:00	60	0.0028	2.7896527	10:40	119	0.1703	170.25571									*See Field Investigation Below
21:15	60	0.0020	1.9527681	10:45	119	0.1707	170.67649									*See Field Investigation Below
21:30	60	0.0035	3.5064479	10:50	119	0.1705	170.54425									*See Field Investigation Below
21:45	60	0.0043	4.2964607	10:55	119	0.1704	170.40507									*See Field Investigation Below
22:00	60	0.0032	3.244458	11:00	119	0.1652	165.15904									*See Field Investigation Below
22:15	60	0.0038	3.7751341	11:05	119	0.1606	160.64038									*See Field Investigation Below
22:30	60	0.0033	3.3327005	11:10	119	0.1661	166.1056									*See Field Investigation Below
22:45	60	0.0029	2.9124642	11:15	119	0.1704	170.43713									*See Field Investigation Below
23:00	60	0.0026	2.6234631	11:20	119	0.1704	170.35971									*See Field Investigation Below
23:15	60	0.0034	3.4083833	11:25	119	0.1704	170.41055									*See Field Investigation Below
23:30	60	0.0044	4.4135765	11:30	119	0.1700	169.97601									*See Field Investigation Below
23:45	60	0.0040	3.9843679	11:35	119	0.1669	166.94502									*See Field Investigation Below
				11:40	119	0.1614	161.44152									*See Field Investigation Below
				11:45	119	0.1619	161.85386									*See Field Investigation Below
				11:50	119	0.1615	161.51933									*See Field Investigation Below
				11:55	119	0.1614	161.41139									*See Field Investigation Below
				12:00	119	0.1610	161.01872									*See Field Investigation Below
				12:05	119	0.1611	161.05884									*See Field Investigation Below
				12:10	119	0.1610	161.01056									*See Field Investigation Below
				12:15	119	0.1610	161.01758									*See Field Investigation Below
				12:20	119	0.1609	160.86456									*See Field Investigation Below
				12:25	119	0.1608	160.79546									*See Field Investigation Below
				12:30	119	0.1607	160.71725									*See Field Investigation Below
				12:35	119	0.1608	160.77036									*See Field Investigation Below
				12:40	119	0.1610	160.9989									*See Field Investigation Below
				12:45	119	0.1609	160.94789									*See Field Investigation Below
				12:50	119	0.1609	160.93291									*See Field Investigation Below
				12:55	119	0.1607	160.70018									*See Field Investigation Below
				13:00	119	0.1601	160.06769									*See Field Investigation Below
				13:05	119	0.1599	159.87847									*See Field Investigation Below
				13:10	119	0.1602	160.18339									*See Field Investigation Below
				13:15	119	0.1603	160.25996									*See Field Investigation Below
				13:20	119	0.1597	159.69487									*See Field Investigation Below
				13:25	119	0.1595	159.47826									*See Field Investigation Below
				13:30	119	0.1588	158.82818									*See Field Investigation Below
				13:35	119	0.1583	158.2904									*See Field Investigation Below

22:30	119	0.1744	174.44392
22:35	119	0.1741	174.06032
22:40	119	0.1739	173.87489
22:45	119	0.1740	174.0211
22:50	119	0.1743	174.29976
22:55	119	0.1745	174.47415
23:00	119	0.1691	169.08036
23:05	119	0.1633	163.31112
23:10	119	0.1637	163.67404
23:15	119	0.1669	166.86768
23:20	119	0.1650	165.03198
23:25	119	0.1686	168.55925
23:30	119	0.1706	170.59029
23:35	119	0.1703	170.27911
23:40	119	0.1683	168.32667
23:45	119	0.1643	164.29327
23:50	119	0.1643	164.25329
23:55	119	0.1669	166.87667

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* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.13	0	0	0	0
04	0	0	0	0	0

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/08/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/08/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/08/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/08/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0000	0.0000	0:00	119	0.2248	224.7620	0:00	N/A	0	0.0000	0:00	39	0.0000	0.0000	*See Field Investigation Below
0:15	60	0.0000	0.0000	0:05	119	0.2247	224.6954	0:15	N/A	0	0.0000	0:15	39	0.0000	0.0000	*See Field Investigation Below
0:30	60	0.0000	0.0000	0:10	119	0.2248	224.8207	0:30	N/A	0	0.0000	0:30	39	0.0000	0.0000	*See Field Investigation Below
0:45	60	0.0000	0.0000	0:15	119	0.2246	224.6058	0:45	N/A	0	0.0000	0:45	39	0.0000	0.0000	*See Field Investigation Below
1:00	60	0.0000	0.0000	0:20	119	0.2296	229.6447	1:00	N/A	0	0.0000	1:00	39	0.0000	0.0000	*See Field Investigation Below
1:15	60	0.0005	0.4700	0:25	119	0.2276	227.6313	1:15	N/A	0	0.0000	1:15	39	0.0000	0.0000	*See Field Investigation Below
1:30	60	0.0025	2.4554	0:30	119	0.2249	224.9368	1:30	N/A	0	0.0000	1:30	39	0.0000	0.0027	*See Field Investigation Below
1:45	60	0.0008	0.8352	0:35	119	0.2251	225.0947	1:45	N/A	0	0.0000	1:45	39	0.0000	0.0018	*See Field Investigation Below
2:00	60	0.0000	0.0000	0:40	119	0.2254	225.3790	2:00	N/A	0	0.0000	2:00	39	0.0000	0.0000	*See Field Investigation Below
2:15	60	0.0000	0.0000	0:45	119	0.2252	225.2298	2:15	N/A	0	0.0000	2:15	39	0.0000	0.0000	*See Field Investigation Below
2:30	60	0.0001	0.0522	0:50	119	0.2254	225.3752	2:30	N/A	0	0.0000	2:30	39	0.0005	0.5484	*See Field Investigation Below
2:45	60	0.0003	0.2610	0:55	119	0.2254	225.3891	2:45	N/A	0	0.0000	2:45	39	0.0004	0.3594	*See Field Investigation Below
3:00	60	0.0000	0.0000	1:00	119	0.2251	225.1136	3:00	N/A	0	0.0000	3:00	39	0.0000	0.0000	*See Field Investigation Below
3:15	60	0.0000	0.0000	1:05	119	0.2255	225.4615	3:15	N/A	0	0.0000	3:15	39	0.0000	0.0000	*See Field Investigation Below
3:30	60	0.0000	0.0000	1:10	119	0.2263	226.3281	3:30	N/A	0	0.0000	3:30	39	0.0002	0.1963	*See Field Investigation Below
3:45	60	0.0000	0.0237	1:15	119	0.2329	232.8744	3:45	N/A	0	0.0000	3:45	39	0.0002	0.1661	*See Field Investigation Below
4:00	60	0.0005	0.5094	1:20	119	0.2336	233.5790	4:00	N/A	0	0.0000	4:00	39	0.0000	0.0000	*See Field Investigation Below
4:15	60	0.0000	0.0000	1:25	119	0.2342	234.2014	4:15	N/A	0	0.0000	4:15	39	0.0001	0.0876	*See Field Investigation Below
4:30	60	0.0000	0.0000	1:30	119	0.2343	234.2533	4:30	N/A	0	0.0000	4:30	39	0.0001	0.0641	*See Field Investigation Below
4:45	60	0.0000	0.0000	1:35	119	0.2335	233.4765	4:45	N/A	0	0.0000	4:45	39	0.0000	0.0000	*See Field Investigation Below
5:00	60	0.0000	0.0000	1:40	119	0.2330	232.9867	5:00	N/A	0	0.0000	5:00	39	0.0000	0.0000	*See Field Investigation Below
5:15	60	0.0000	0.0000	1:45	119	0.2324	232.3512	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	*See Field Investigation Below
5:30	60	0.0000	0.0000	1:50	119	0.2313	231.3420	5:30	N/A	0	0.0000	5:30	39	0.0001	0.1050	*See Field Investigation Below
5:45	60	0.0000	0.0000	1:55	119	0.2311	231.0691	5:45	N/A	0	0.0000	5:45	39	0.0001	0.1142	*See Field Investigation Below
6:00	60	0.0000	0.0000	2:00	119	0.2285	228.5175	6:00	N/A	0	0.0000	6:00	39	0.0000	0.0000	*See Field Investigation Below
6:15	60	0.0000	0.0000	2:05	119	0.2220	221.9930	6:15	N/A	0	0.0000	6:15	39	0.0000	0.0000	*See Field Investigation Below
6:30	60	0.0000	0.0463	2:10	119	0.2212	221.1626	6:30	N/A	0	0.0000	6:30	39	0.0003	0.2895	*See Field Investigation Below
6:45	60	0.0010	1.0432	2:15	119	0.2200	220.0463	6:45	N/A	0	0.0000	6:45	39	0.0003	0.3148	*See Field Investigation Below
7:00	60	0.0000	0.0242	2:20	119	0.2234	223.3857	7:00	N/A	0	0.0000	7:00	39	0.0000	0.0000	*See Field Investigation Below
7:15	60	0.0000	0.0000	2:25	119	0.2250	224.9694	7:15	N/A	0	0.0000	7:15	39	0.0000	0.0000	*See Field Investigation Below
7:30	60	0.0001	0.0998	2:30	119	0.2257	225.6598	7:30	N/A	0	0.0000	7:30	39	0.0002	0.1634	*See Field Investigation Below
7:45	60	0.0022	2.2491	2:35	119	0.2260	225.9707	7:45	N/A	0	0.0000	7:45	39	0.0015	1.5154	*See Field Investigation Below
8:00	60	0.0024	2.4275	2:40	119	0.2247	224.7364	8:00	N/A	0	0.0000	8:00	39	0.0027	2.6916	*See Field Investigation Below

23:05	119	0.1232	123.24032
23:10	119	0.1249	124.8534
23:15	119	0.1260	126.03565
23:20	119	0.1416	141.58813
23:25	119	0.1480	148.0281
23:30	119	0.1460	146.04209
23:35	119	0.1435	143.54714
23:40	119	0.1399	139.8921
23:45	119	0.1468	146.84107
23:50	119	0.1447	144.67014
23:55	119	0.1414	141.43356

*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.12	0	0	0	0.15

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/09/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/09/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/09/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/09/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0001	0.1353	0:00	119	0.1406	140.5578	0:00	N/A	0	0.0000	0:00	39	0.0000	0.0000	*See Field Investigation Below
0:15	60	0.0001	0.1294	0:05	119	0.1390	139.0337	0:15	N/A	0	0.0000	0:15	39	0.0000	0.0000	*See Field Investigation Below
0:30	60	0.0000	0.0000	0:10	119	0.1420	142.0397	0:30	N/A	0	0.0000	0:30	39	0.0000	0.0155	*See Field Investigation Below
0:45	60	0.0001	0.1499	0:15	119	0.1386	138.5821	0:45	N/A	0	0.0000	0:45	39	0.0002	0.1552	*See Field Investigation Below
1:00	60	0.0005	0.5289	0:20	119	0.1290	128.9906	1:00	N/A	0	0.0000	1:00	39	0.0010	0.9718	*See Field Investigation Below
1:15	60	0.0007	0.7422	0:25	119	0.1237	123.6828	1:15	N/A	0	0.0000	1:15	39	0.0006	0.6330	*See Field Investigation Below
1:30	60	0.0004	0.4234	0:30	119	0.1268	126.7781	1:30	N/A	0	0.0000	1:30	39	0.0004	0.4494	*See Field Investigation Below
1:45	60	0.0013	1.2844	0:35	119	0.1288	128.8439	1:45	N/A	0	0.0000	1:45	39	0.0004	0.3833	*See Field Investigation Below
2:00	60	0.0014	1.4207	0:40	119	0.1277	127.6951	2:00	N/A	0	0.0000	2:00	39	0.0004	0.4391	*See Field Investigation Below
2:15	60	0.0029	2.8861	0:45	119	0.1287	128.7185	2:15	N/A	0	0.0000	2:15	39	0.0008	0.7735	*See Field Investigation Below
2:30	60	0.0025	2.4906	0:50	119	0.1300	129.9888	2:30	N/A	0	0.0000	2:30	39	0.0002	0.1911	*See Field Investigation Below
2:45	60	0.0000	0.0000	0:55	119	0.1314	131.4325	2:45	N/A	0	0.0000	2:45	39	0.0000	0.0000	*See Field Investigation Below
3:00	60	0.0000	0.0000	1:00	119	0.1315	131.4505	3:00	N/A	0	0.0000	3:00	39	0.0000	0.0000	*See Field Investigation Below
3:15	60	0.0000	0.0000	1:05	119	0.1318	131.7964	3:15	N/A	0	0.0000	3:15	39	0.0000	0.0000	*See Field Investigation Below
3:30	60	0.0000	0.0000	1:10	119	0.1314	131.3563	3:30	N/A	0	0.0000	3:30	39	0.0000	0.0000	*See Field Investigation Below
3:45	60	0.0000	0.0000	1:15	119	0.1315	131.4537	3:45	N/A	0	0.0000	3:45	39	0.0000	0.0000	*See Field Investigation Below
4:00	60	0.0000	0.0000	1:20	119	0.1311	131.0943	4:00	N/A	0	0.0000	4:00	39	0.0000	0.0000	*See Field Investigation Below
4:15	60	0.0000	0.0000	1:25	119	0.1312	131.1515	4:15	N/A	0	0.0000	4:15	39	0.0000	0.0000	*See Field Investigation Below
4:30	60	0.0000	0.0000	1:30	119	0.1305	130.4746	4:30	N/A	0	0.0000	4:30	39	0.0000	0.0000	*See Field Investigation Below
4:45	60	0.0000	0.0000	1:35	119	0.1319	131.8856	4:45	N/A	0	0.0000	4:45	39	0.0000	0.0000	*See Field Investigation Below
5:00	60	0.0000	0.0000	1:40	119	0.1332	133.1671	5:00	N/A	0	0.0000	5:00	39	0.0000	0.0000	*See Field Investigation Below
5:15	60	0.0000	0.0000	1:45	119	0.1330	132.9584	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	*See Field Investigation Below
5:30	60	0.0000	0.0000	1:50	119	0.1322	132.2454	5:30	N/A	0	0.0000	5:30	39	0.0000	0.0000	*See Field Investigation Below
5:45	60	0.0000	0.0000	1:55	119	0.1318	131.8264	5:45	N/A	0	0.0000	5:45	39	0.0000	0.0000	*See Field Investigation Below
6:00	60	0.0000	0.0000	2:00	119	0.1324	132.4331	6:00	N/A	0	0.0000	6:00	39	0.0000	0.0000	*See Field Investigation Below
6:15	60	0.0000	0.0000	2:05	119	0.1328	132.8102	6:15	N/A	0	0.0000	6:15	39	0.0000	0.0000	*See Field Investigation Below
6:30	60	0.0000	0.0000	2:10	119	0.1359	135.8507	6:30	N/A	0	0.0000	6:30	39	0.0000	0.0000	*See Field Investigation Below
6:45	60	0.0000	0.0000	2:15	119	0.1333	133.2715	6:45	N/A	0	0.0000	6:45	39	0.0000	0.0000	*See Field Investigation Below
7:00	60	0.0000	0.0000	2:20	119	0.1257	125.6997	7:00	N/A	0	0.0000	7:00	39	0.0000	0.0000	*See Field Investigation Below
7:15	60	0.0000	0.0000	2:25	119	0.1254	125.4009	7:15	N/A	0	0.0000	7:15	39	0.0000	0.0025	*See Field Investigation Below
7:30	60	0.0000	0.0000	2:30	119	0.1251	125.1495	7:30	N/A	0	0.0000	7:30	39	0.0000	0.0014	*See Field Investigation Below
7:45	60	0.0000	0.0000	2:35	119	0.1250	124.9527	7:45	N/A	0	0.0000	7:45	39	0.0000	0.0000	*See Field Investigation Below
8:00	60	0.0001	0.1164	2:40	119	0.1251	125.0871	8:00	N/A	0	0.0000	8:00	39	0.0002	0.1948	*See Field Investigation Below
8:15	60	0.0002	0.2328	2:45	119	0.1255	125.4634	8:15	N/A	0	0.0000	8:15	39	0.0002	0.1609	*See Field Investigation Below

21:45	60	0.0000	0.0110	7:15	119	0.1456	145.6435	21:45	N/A	0	0.0000	21:45	39	0.0001	0.0685	*See Field Investigation Below
22:00	60	0.0002	0.2365	7:20	119	0.1355	135.5105	22:00	N/A	0	0.0000	22:00	39	0.0005	0.5487	*See Field Investigation Below
22:15	60	0.0000	0.0000	7:25	119	0.1342	134.2339	22:15	N/A	0	0.0000	22:15	39	0.0000	0.0379	*See Field Investigation Below
22:30	60	0.0001	0.0640	7:30	119	0.1344	134.3908	22:30	N/A	0	0.0000	22:30	39	0.0008	0.8157	*See Field Investigation Below
22:45	60	0.0000	0.0063	7:35	119	0.1345	134.4669	22:45	N/A	0	0.0000	22:45	39	0.0000	0.0000	*See Field Investigation Below
23:00	60	0.0000	0.0000	7:40	119	0.1347	134.7141	23:00	N/A	0	0.0000	23:00	39	0.0000	0.0000	*See Field Investigation Below
23:15	60	0.0000	0.0000	7:45	119	0.1360	135.9690	23:15	N/A	0	0.0000	23:15	39	0.0000	0.0000	*See Field Investigation Below
23:30	60	0.0000	0.0000	7:50	119	0.1343	134.2902	23:30	N/A	0	0.0000	23:30	39	0.0000	0.0000	*See Field Investigation Below
23:45	60	0.0000	0.0000	7:55	119	0.1346	134.5605	23:45	N/A	0	0.0000	23:45	39	0.0000	0.0000	*See Field Investigation Below
				8:00	119	0.1416	141.59276									*See Field Investigation Below
				8:05	119	0.1423	142.32006									*See Field Investigation Below
				8:10	119	0.1361	136.09026									*See Field Investigation Below
				8:15	119	0.1341	134.07344									*See Field Investigation Below
				8:20	119	0.1342	134.2263									*See Field Investigation Below
				8:25	119	0.1338	133.83301									*See Field Investigation Below
				8:30	119	0.1338	133.78699									*See Field Investigation Below
				8:35	119	0.1336	133.58274									*See Field Investigation Below
				8:40	119	0.1338	133.79712									*See Field Investigation Below
				8:45	119	0.1334	133.38312									*See Field Investigation Below
				8:50	119	0.1330	133.04813									*See Field Investigation Below
				8:55	119	0.1416	141.61637									*See Field Investigation Below
				9:00	119	0.1384	138.40558									*See Field Investigation Below
				9:05	119	0.1352	135.17924									*See Field Investigation Below
				9:10	119	0.1344	134.40254									*See Field Investigation Below
				9:15	119	0.1357	135.73238									*See Field Investigation Below
				9:20	119	0.1376	137.58454									*See Field Investigation Below
				9:25	119	0.1374	137.36969									*See Field Investigation Below
				9:30	119	0.1372	137.18281									*See Field Investigation Below
				9:35	119	0.1375	137.48563									*See Field Investigation Below
				9:40	119	0.1377	137.73011									*See Field Investigation Below
				9:45	119	0.1373	137.28719									*See Field Investigation Below
				9:50	119	0.1374	137.43783									*See Field Investigation Below
				9:55	119	0.1378	137.78739									*See Field Investigation Below
				10:00	119	0.1376	137.63469									*See Field Investigation Below
				10:05	119	0.1370	137.04959									*See Field Investigation Below
				10:10	119	0.1362	136.17144									*See Field Investigation Below
				10:15	119	0.1364	136.38312									*See Field Investigation Below
				10:20	119	0.1366	136.63091									*See Field Investigation Below
				10:25	119	0.1368	136.75043									*See Field Investigation Below
				10:30	119	0.1445	144.45539									*See Field Investigation Below
				10:35	119	0.1453	145.3374									*See Field Investigation Below
				10:40	119	0.1461	146.07571									*See Field Investigation Below
				10:45	119	0.1458	145.82615									*See Field Investigation Below
				10:50	119	0.1415	141.47086									*See Field Investigation Below
				10:55	119	0.1375	137.50522									*See Field Investigation Below
				11:00	119	0.1377	137.73653									*See Field Investigation Below
				11:05	119	0.1381	138.06488									*See Field Investigation Below
				11:10	119	0.1384	138.37941									*See Field Investigation Below
				11:15	119	0.1429	142.91939									*See Field Investigation Below
				11:20	119	0.1488	148.80041									*See Field Investigation Below
				11:25	119	0.1425	142.48866									*See Field Investigation Below
				11:30	119	0.1397	139.71799									*See Field Investigation Below
				11:35	119	0.1418	141.82862									*See Field Investigation Below



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0	0	0	0	0

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/10/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/10/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/10/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/10/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0000	0.0000	0:00	119	0.1309	130.9229	0:00	N/A	0	0.0000	0:00	39	0.0000	0.0000	*See Field Investigation Below
0:15	60	0.0000	0.0000	0:05	119	0.1304	130.3704	0:15	N/A	0	0.0000	0:15	39	0.0000	0.0000	*See Field Investigation Below
0:30	60	0.0000	0.0000	0:10	119	0.1299	129.9461	0:30	N/A	0	0.0000	0:30	39	0.0000	0.0000	*See Field Investigation Below
0:45	60	0.0001	0.0511	0:15	119	0.1303	130.3277	0:45	N/A	0	0.0000	0:45	39	0.0000	0.0385	*See Field Investigation Below
1:00	60	0.0001	0.1338	0:20	119	0.1294	129.3867	1:00	N/A	0	0.0000	1:00	39	0.0002	0.1536	*See Field Investigation Below
1:15	60	0.0002	0.2472	0:25	119	0.1289	128.8846	1:15	N/A	0	0.0000	1:15	39	0.0006	0.6216	*See Field Investigation Below
1:30	60	0.0006	0.5671	0:30	119	0.1337	133.7356	1:30	N/A	0	0.0000	1:30	39	0.0008	0.7929	*See Field Investigation Below
1:45	60	0.0001	0.0971	0:35	119	0.1387	138.7028	1:45	N/A	0	0.0000	1:45	39	0.0001	0.0721	*See Field Investigation Below
2:00	60	0.0002	0.2488	0:40	119	0.1397	139.6544	2:00	N/A	0	0.0000	2:00	39	0.0002	0.2383	*See Field Investigation Below
2:15	60	0.0002	0.1781	0:45	119	0.1356	135.6472	2:15	N/A	0	0.0000	2:15	39	0.0004	0.3933	*See Field Investigation Below
2:30	60	0.0003	0.2885	0:50	119	0.1293	129.3083	2:30	N/A	0	0.0000	2:30	39	0.0006	0.6264	*See Field Investigation Below
2:45	60	0.0000	0.0483	0:55	119	0.1347	134.6924	2:45	N/A	0	0.0000	2:45	39	0.0001	0.1133	*See Field Investigation Below
3:00	60	0.0001	0.0606	1:00	119	0.1384	138.3771	3:00	N/A	0	0.0000	3:00	39	0.0001	0.1145	*See Field Investigation Below
3:15	60	0.0006	0.6367	1:05	119	0.1385	138.4612	3:15	N/A	0	0.0000	3:15	39	0.0005	0.4665	*See Field Investigation Below
3:30	60	0.0009	0.8957	1:10	119	0.1392	139.1744	3:30	N/A	0	0.0000	3:30	39	0.0003	0.3091	*See Field Investigation Below
3:45	60	0.0005	0.5372	1:15	119	0.1393	139.2808	3:45	N/A	0	0.0000	3:45	39	0.0001	0.0716	*See Field Investigation Below
4:00	60	0.0002	0.1727	1:20	119	0.1398	139.8197	4:00	N/A	0	0.0000	4:00	39	0.0000	0.0397	*See Field Investigation Below
4:15	60	0.0000	0.0198	1:25	119	0.1394	139.3668	4:15	N/A	0	0.0000	4:15	39	0.0000	0.0181	*See Field Investigation Below
4:30	60	0.0000	0.0000	1:30	119	0.1358	135.8128	4:30	N/A	0	0.0000	4:30	39	0.0004	0.3859	*See Field Investigation Below
4:45	60	0.0004	0.3690	1:35	119	0.1286	128.6420	4:45	N/A	0	0.0000	4:45	39	0.0010	0.9787	*See Field Investigation Below
5:00	60	0.0004	0.3749	1:40	119	0.1294	129.3929	5:00	N/A	0	0.0000	5:00	39	0.0006	0.6212	*See Field Investigation Below
5:15	60	0.0005	0.4839	1:45	119	0.1298	129.8203	5:15	N/A	0	0.0000	5:15	39	0.0006	0.6103	*See Field Investigation Below
5:30	60	0.0009	0.8822	1:50	119	0.1353	135.3309	5:30	N/A	0	0.0000	5:30	39	0.0009	0.9238	*See Field Investigation Below
5:45	60	0.0005	0.4895	1:55	119	0.1353	135.2860	5:45	N/A	0	0.0000	5:45	39	0.0004	0.3806	*See Field Investigation Below
6:00	60	0.0005	0.4507	2:00	119	0.1300	130.0476	6:00	N/A	0	0.0000	6:00	39	0.0005	0.4772	*See Field Investigation Below
6:15	60	0.0008	0.8397	2:05	119	0.1349	134.8533	6:15	N/A	0	0.0000	6:15	39	0.0008	0.7955	*See Field Investigation Below
6:30	60	0.0007	0.6623	2:10	119	0.1341	134.1073	6:30	N/A	0	0.0000	6:30	39	0.0009	0.8920	*See Field Investigation Below
6:45	60	0.0009	0.8986	2:15	119	0.1322	132.2285	6:45	N/A	0	0.0000	6:45	39	0.0011	1.0559	*See Field Investigation Below
7:00	60	0.0007	0.6731	2:20	119	0.1388	138.8265	7:00	N/A	0	0.0000	7:00	39	0.0009	0.9028	*See Field Investigation Below
7:15	60	0.0003	0.3222	2:25	119	0.1382	138.2478	7:15	N/A	0	0.0000	7:15	39	0.0009	0.9374	*See Field Investigation Below
7:30	60	0.0001	0.1351	2:30	119	0.1366	136.6308	7:30	N/A	0	0.0000	7:30	39	0.0006	0.6107	*See Field Investigation Below
7:45	60	0.0005	0.5242	2:35	119	0.1328	132.8071	7:45	N/A	0	0.0000	7:45	39	0.0004	0.3502	*See Field Investigation Below
8:00	60	0.0005	0.4869	2:40	119	0.1295	129.4519	8:00	N/A	0	0.0000	8:00	39	0.0003	0.3410	*See Field Investigation Below
8:15	60	0.0017	1.7075	2:45	119	0.1349	134.8548	8:15	N/A	0	0.0000	8:15	39	0.0004	0.3681	*See Field Investigation Below

14:00	119	0.0824	82.410475
14:15	119	0.0991	99.130556
14:30	119	0.0898	89.843815
14:45	119	0.0798	79.845798
15:00	119	0.0819	81.908179
15:15	119	0.0841	84.079041
15:30	119	0.0844	84.421983
15:45	119	0.0746	74.611727
16:00	119	0.0772	77.161106
16:15	119	0.0765	76.46522
16:30	119	0.0817	81.661006
16:45	119	0.0712	71.185957
17:00	119	0.0567	56.7429
17:15	119	0.0545	54.517394
17:30	119	0.0469	46.92722
17:45	119	0.0484	48.362565
18:00	119	0.0477	47.708671
18:15	119	0.0455	45.545424
18:30	119	0.0503	50.252253
18:45	119	0.0499	49.887942
19:00	119	0.0501	50.069525
19:15	119	0.0565	56.526302
19:30	119	0.0553	55.298037
19:45	119	0.0571	57.128445
20:00	119	0.0675	67.526236
20:15	119	0.0777	77.73386
20:30	119	0.0734	73.376837
20:45	119	0.0734	73.353115
21:00	119	0.0796	79.592232
21:15	119	0.0871	87.124733
21:30	119	0.0931	93.066547
21:45	119	0.0948	94.755097
22:00	119	0.0953	95.339579
22:15	119	0.0937	93.745728
22:30	119	0.0937	93.663556
22:45	119	0.0941	94.099474
23:00	119	0.0941	94.100127
23:15	119	0.0927	92.724256
23:30	119	0.0905	90.486201
23:45	119	0.0895	89.521606

* Field Investigation

Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0	0	0	0	0.13

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/11/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/11/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/11/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/11/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0000	0.0000	0:00	119	0.0886	88.6039	0:00	N/A	0	0.0000	0:00	39	0.0000	0.0000	
0:15	60	0.0000	0.0000	0:15	119	0.0883	88.2765	0:15	N/A	0	0.0000	0:15	39	0.0000	0.0000	
0:30	60	0.0000	0.0000	0:30	119	0.0873	87.3033	0:30	N/A	0	0.0000	0:30	39	0.0000	0.0000	
0:45	60	0.0000	0.0000	0:45	119	0.0848	84.7893	0:45	N/A	0	0.0000	0:45	39	0.0000	0.0000	
1:00	60	0.0000	0.0000	1:00	119	0.0832	83.2274	1:00	N/A	0	0.0000	1:00	39	0.0000	0.0000	
1:15	60	0.0000	0.0000	1:15	119	0.0822	82.2190	1:15	N/A	0	0.0000	1:15	39	0.0000	0.0000	
1:30	60	0.0000	0.0000	1:30	119	0.0810	80.9568	1:30	N/A	0	0.0000	1:30	39	0.0000	0.0000	
1:45	60	0.0000	0.0000	1:45	119	0.0801	80.1052	1:45	N/A	0	0.0000	1:45	39	0.0000	0.0000	
2:00	60	0.0000	0.0000	2:00	119	0.0798	79.7912	2:00	N/A	0	0.0000	2:00	39	0.0000	0.0000	
2:15	60	0.0000	0.0000	2:15	119	0.0795	79.4521	2:15	N/A	0	0.0000	2:15	39	0.0000	0.0000	
2:30	60	0.0000	0.0000	2:30	119	0.0789	78.9058	2:30	N/A	0	0.0000	2:30	39	0.0000	0.0000	
2:45	60	0.0000	0.0000	2:45	119	0.0808	80.7677	2:45	N/A	0	0.0000	2:45	39	0.0000	0.0000	
3:00	60	0.0000	0.0000	3:00	119	0.0821	82.1053	3:00	N/A	0	0.0000	3:00	39	0.0000	0.0000	
3:15	60	0.0000	0.0000	3:15	119	0.0808	80.7746	3:15	N/A	0	0.0000	3:15	39	0.0000	0.0000	
3:30	60	0.0000	0.0000	3:30	119	0.0813	81.2515	3:30	N/A	0	0.0000	3:30	39	0.0000	0.0000	
3:45	60	0.0000	0.0000	3:45	119	0.0850	84.9561	3:45	N/A	0	0.0000	3:45	39	0.0000	0.0000	
4:00	60	0.0000	0.0000	4:00	119	0.0868	86.8214	4:00	N/A	0	0.0000	4:00	39	0.0000	0.0000	
4:15	60	0.0000	0.0000	4:15	119	0.0826	82.5649	4:15	N/A	0	0.0000	4:15	39	0.0000	0.0000	
4:30	60	0.0000	0.0000	4:30	119	0.0801	80.0993	4:30	N/A	0	0.0000	4:30	39	0.0000	0.0000	
4:45	60	0.0000	0.0000	4:45	119	0.0797	79.7407	4:45	N/A	0	0.0000	4:45	39	0.0000	0.0000	
5:00	60	0.0000	0.0000	5:00	119	0.0789	78.8665	5:00	N/A	0	0.0000	5:00	39	0.0000	0.0000	
5:15	60	0.0000	0.0000	5:15	119	0.0747	74.6817	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	
5:30	60	0.0000	0.0000	5:30	119	0.0697	69.6537	5:30	N/A	0	0.0000	5:30	39	0.0000	0.0000	
5:45	60	0.0000	0.0000	5:45	119	0.0663	66.2906	5:45	N/A	0	0.0000	5:45	39	0.0000	0.0000	
6:00	60	0.0000	0.0000	6:00	119	0.0653	65.2693	6:00	N/A	0	0.0000	6:00	39	0.0000	0.0000	
6:15	60	0.0000	0.0000	6:15	119	0.0650	64.9884	6:15	N/A	0	0.0000	6:15	39	0.0000	0.0000	
6:30	60	0.0000	0.0000	6:30	119	0.0656	65.6374	6:30	N/A	0	0.0000	6:30	39	0.0000	0.0000	
6:45	60	0.0000	0.0000	6:45	119	0.0666	66.5525	6:45	N/A	0	0.0000	6:45	39	0.0000	0.0000	
7:00	60	0.0000	0.0000	7:00	119	0.0700	70.0060	7:00	N/A	0	0.0000	7:00	39	0.0000	0.0000	
7:15	60	0.0000	0.0000	7:15	119	0.0767	76.7126	7:15	N/A	0	0.0000	7:15	39	0.0000	0.0000	
7:30	60	0.0000	0.0000	7:30	119	0.0830	83.0069	7:30	N/A	0	0.0000	7:30	39	0.0000	0.0000	
7:45	60	0.0000	0.0000	7:45	119	0.0869	86.9158	7:45	N/A	0	0.0000	7:45	39	0.0000	0.0000	
8:00	60	0.0000	0.0000	8:00	119	0.0881	88.0942	8:00	N/A	0	0.0000	8:00	39	0.0000	0.0000	
8:15	60	0.0001	0.0593	8:15	119	0.0934	93.4128	8:15	N/A	0	0.0000	8:15	39	0.0000	0.0000	

21:45	60	0.0000	0.0000	18:45	119	0.1113	111.3198	21:45	N/A	0	0.0000	21:45	39	0.0000	0.0000	
22:00	60	0.0002	0.2361	19:00	119	0.1210	121.0219	22:00	N/A	0	0.0000	22:00	39	0.0002	0.2019	*See Field Investigation Below
22:15	60	0.0010	1.0234	19:05	119	0.1194	119.3933	22:15	N/A	0	0.0000	22:15	39	0.0005	0.4507	*See Field Investigation Below
22:30	60	0.0009	0.8720	19:10	119	0.1195	119.4744	22:30	N/A	0	0.0000	22:30	39	0.0003	0.3074	*See Field Investigation Below
22:45	60	0.0002	0.2254	19:15	119	0.1154	115.4190	22:45	N/A	0	0.0000	22:45	39	0.0000	0.0000	
23:00	60	0.0000	0.0000	19:20	119	0.1149	114.8585	23:00	N/A	0	0.0000	23:00	39	0.0001	0.1285	
23:15	60	0.0004	0.4011	19:25	119	0.1144	114.4122	23:15	N/A	0	0.0000	23:15	39	0.0006	0.5848	
23:30	60	0.0005	0.5094	19:30	119	0.1151	115.1242	23:30	N/A	0	0.0000	23:30	39	0.0008	0.7763	
23:45	60	0.0002	0.1590	19:45	119	0.1133	113.3040	23:45	N/A	0	0.0000	23:45	39	0.0002	0.2022	
				20:00	119	0.1149	114.8894									
				20:15	119	0.1161	116.11139									
				20:30	119	0.1182	118.23714									
				20:45	119	0.1158	115.7799									
				21:00	119	0.1162	116.1815									
				21:15	119	0.1155	115.50925									
				21:30	119	0.1155	115.46744									
				21:45	119	0.1156	115.56824									
				21:50	119	0.1166	116.56595									
				21:55	119	0.1255	125.45284									*See Field Investigation Below
				22:00	119	0.1226	122.56622									*See Field Investigation Below
				22:05	119	0.1144	114.43046									
				22:10	119	0.1145	114.45441									
				22:15	119	0.1149	114.94709									
				22:30	119	0.1092	109.21987									
				22:45	119	0.1075	107.53289									
				23:00	119	0.1059	105.89018									
				23:15	119	0.1066	106.63827									
				23:30	119	0.1107	110.69306									
				23:45	119	0.1081	108.10378									

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv

CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0	0	0	0	0
04	0	0	0	0	0

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

05/13/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/13/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/13/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/13/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0000	0.0000	0:00	119	0.0859	85.9332	0:00	N/A	0	0.0000	0:00	39	0.0000	0.0000	
0:15	60	0.0000	0.0000	0:15	119	0.0854	85.4383	0:15	N/A	0	0.0000	0:15	39	0.0000	0.0000	
0:30	60	0.0000	0.0000	0:30	119	0.0854	85.3541	0:30	N/A	0	0.0000	0:30	39	0.0000	0.0000	
0:45	60	0.0000	0.0000	0:45	119	0.0850	84.9998	0:45	N/A	0	0.0000	0:45	39	0.0000	0.0000	
1:00	60	0.0000	0.0000	1:00	119	0.0843	84.2531	1:00	N/A	0	0.0000	1:00	39	0.0000	0.0000	
1:15	60	0.0000	0.0000	1:15	119	0.0839	83.9059	1:15	N/A	0	0.0000	1:15	39	0.0000	0.0000	
1:30	60	0.0000	0.0000	1:30	119	0.0832	83.2111	1:30	N/A	0	0.0000	1:30	39	0.0000	0.0000	
1:45	60	0.0000	0.0000	1:45	119	0.0815	81.4808	1:45	N/A	0	0.0000	1:45	39	0.0000	0.0000	
2:00	60	0.0000	0.0000	2:00	119	0.0814	81.3506	2:00	N/A	0	0.0000	2:00	39	0.0000	0.0000	
2:15	60	0.0000	0.0000	2:15	119	0.0795	79.5319	2:15	N/A	0	0.0000	2:15	39	0.0000	0.0000	
2:30	60	0.0000	0.0000	2:30	119	0.0792	79.2271	2:30	N/A	0	0.0000	2:30	39	0.0000	0.0000	
2:45	60	0.0000	0.0000	2:45	119	0.0791	79.0788	2:45	N/A	0	0.0000	2:45	39	0.0000	0.0000	
3:00	60	0.0000	0.0000	3:00	119	0.0787	78.7193	3:00	N/A	0	0.0000	3:00	39	0.0000	0.0000	
3:15	60	0.0000	0.0000	3:15	119	0.0779	77.8671	3:15	N/A	0	0.0000	3:15	39	0.0000	0.0000	
3:30	60	0.0000	0.0000	3:30	119	0.0771	77.1084	3:30	N/A	0	0.0000	3:30	39	0.0000	0.0000	
3:45	60	0.0000	0.0000	3:45	119	0.0769	76.8570	3:45	N/A	0	0.0000	3:45	39	0.0000	0.0000	
4:00	60	0.0000	0.0000	4:00	119	0.0757	75.6658	4:00	N/A	0	0.0000	4:00	39	0.0000	0.0000	
4:15	60	0.0000	0.0000	4:15	119	0.0749	74.8615	4:15	N/A	0	0.0000	4:15	39	0.0000	0.0000	
4:30	60	0.0000	0.0000	4:30	119	0.0748	74.8491	4:30	N/A	0	0.0000	4:30	39	0.0000	0.0000	
4:45	60	0.0000	0.0000	4:45	119	0.0749	74.9103	4:45	N/A	0	0.0000	4:45	39	0.0000	0.0000	
5:00	60	0.0000	0.0000	5:00	119	0.0767	76.6835	5:00	N/A	0	0.0000	5:00	39	0.0000	0.0000	
5:15	60	0.0000	0.0000	5:15	119	0.0790	79.0429	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	
5:30	60	0.0000	0.0000	5:30	119	0.0796	79.5548	5:30	N/A	0	0.0000	5:30	39	0.0000	0.0000	
5:45	60	0.0000	0.0000	5:45	119	0.0812	81.1942	5:45	N/A	0	0.0000	5:45	39	0.0000	0.0000	
6:00	60	0.0000	0.0000	6:00	119	0.0783	78.2533	6:00	N/A	0	0.0000	6:00	39	0.0000	0.0000	
6:15	60	0.0000	0.0000	6:15	119	0.0742	74.1547	6:15	N/A	0	0.0000	6:15	39	0.0000	0.0000	
6:30	60	0.0000	0.0000	6:30	119	0.0732	73.2311	6:30	N/A	0	0.0000	6:30	39	0.0000	0.0000	
6:45	60	0.0000	0.0000	6:45	119	0.0754	75.4127	6:45	N/A	0	0.0000	6:45	39	0.0000	0.0000	
7:00	60	0.0000	0.0000	7:00	119	0.0780	78.0256	7:00	N/A	0	0.0000	7:00	39	0.0000	0.0000	
7:15	60	0.0000	0.0000	7:15	119	0.0804	80.3726	7:15	N/A	0	0.0000	7:15	39	0.0000	0.0000	
7:30	60	0.0000	0.0000	7:30	119	0.0866	86.6191	7:30	N/A	0	0.0000	7:30	39	0.0000	0.0000	
7:45	60	0.0000	0.0000	7:45	119	0.0947	94.7362	7:45	N/A	0	0.0000	7:45	39	0.0000	0.0000	
8:00	60	0.0005	0.5240	8:00	119	0.1001	100.1106	8:00	N/A	0	0.0000	8:00	39	0.0003	0.3383	
8:15	60	0.0011	1.0637	8:15	119	0.1065	106.4988	8:15	N/A	0	0.0000	8:15	39	0.0018	1.7723	

21:45	60	0.0037	3.6733	15:25	119	0.1183	118.2810	21:45	N/A	0	0.0000	17:15	39	0.0664	66.4181	*See Field Investigation Below
22:00	60	0.0041	4.0630	15:30	119	0.1188	118.8073	22:00	N/A	0.0010929	1.0929	17:20	39	0.0668	66.7930	*See Field Investigation Below
22:15	60	0.0027	2.6749	15:45	119	0.1156	115.5705	22:15	N/A	0.0019735	1.9735	17:25	39	0.0674	67.4271	*See Field Investigation Below
22:30	60	0.0015	1.5042	16:00	119	0.1140	113.9543	22:30	N/A	0.000285	0.2850	17:30	39	0.0681	68.0550	*See Field Investigation Below
22:45	60	0.0025	2.4802	16:15	119	0.1068	106.8106	22:45	N/A	0	0.0000	17:35	39	0.0691	69.1282	*See Field Investigation Below
23:00	60	0.0021	2.0898	16:30	119	0.1053	105.2664	23:00	N/A	0.0003783	0.3783	17:40	39	0.0698	69.8081	*See Field Investigation Below
23:15	60	0.0021	2.1332	16:45	119	0.1071	107.0681	23:15	N/A	0.0007076	0.7076	17:45	39	0.0702	70.2360	*See Field Investigation Below
23:30	60	0.0036	3.6044	17:00	119	0.0998	99.7971	23:30	N/A	0.000139	0.1390	17:50	39	0.0708	70.7666	*See Field Investigation Below
23:45	60	0.0017	1.6530	17:15	119	0.0917	91.6999	23:45	N/A	0	0.0000	17:55	39	0.0711	71.1336	*See Field Investigation Below
				17:30	119	0.0836	83.580936					18:00	39	0.0714	71.442244	*See Field Investigation Below
				17:45	119	0.0829	82.869352					18:05	39	0.0717	71.686349	*See Field Investigation Below
				18:00	119	0.0875	87.519048					18:10	39	0.0716	71.568307	*See Field Investigation Below
				18:15	119	0.0891	89.133267					18:15	39	0.0708	70.773123	*See Field Investigation Below
				18:30	119	0.0947	94.674126					18:20	39	0.0703	70.331543	*See Field Investigation Below
				18:45	119	0.1023	102.27014					18:25	39	0.0699	69.868469	*See Field Investigation Below
				19:00	119	0.1034	103.41724					18:30	39	0.0693	69.262846	*See Field Investigation Below
				19:15	119	0.1131	113.06849					18:35	39	0.0687	68.65755	*See Field Investigation Below
				19:30	119	0.1170	116.96018					18:40	39	0.0690	69.001335	*See Field Investigation Below
				19:45	119	0.1148	114.8496					18:45	39	0.0694	69.359824	*See Field Investigation Below
				19:50	119	0.1172	117.18379					18:50	39	0.0692	69.238513	*See Field Investigation Below
				19:55	119	0.1231	123.12208					18:55	39	0.0690	68.969027	*See Field Investigation Below
				20:00	119	0.1238	123.8406					19:00	39	0.0680	68.012674	*See Field Investigation Below
				20:05	119	0.1185	118.54409					19:05	39	0.0663	66.311782	*See Field Investigation Below
				20:10	119	0.1162	116.16538					19:10	39	0.0648	64.821554	*See Field Investigation Below
				20:15	119	0.1181	118.07788					19:15	39	0.0635	63.518095	*See Field Investigation Below
				20:20	119	0.1182	118.15032					19:20	39	0.0621	62.050149	*See Field Investigation Below
				20:25	119	0.1214	121.41227					19:25	39	0.0605	60.475601	*See Field Investigation Below
				20:30	119	0.1255	125.49294					19:30	39	0.0590	59.004396	*See Field Investigation Below
				20:35	119	0.1281	128.13755					19:35	39	0.0569	56.889629	*See Field Investigation Below
				20:40	119	0.1291	129.06035					19:40	39	0.0548	54.797244	*See Field Investigation Below
				20:45	119	0.1281	128.14642					19:45	39	0.0529	52.92955	*See Field Investigation Below
				20:50	119	0.1296	129.57351					19:50	39	0.0509	50.863938	*See Field Investigation Below
				20:55	119	0.1309	130.90129					19:55	39	0.0477	47.705651	*See Field Investigation Below
				21:00	119	0.1299	129.8623					20:00	39	0.0429	42.933509	*See Field Investigation Below
				21:05	119	0.1284	128.44491					20:05	39	0.0386	38.574429	*See Field Investigation Below
				21:10	119	0.1286	128.63559					20:10	39	0.0338	33.823857	*See Field Investigation Below
				21:15	119	0.1294	129.41545					20:15	39	0.0299	29.878085	*See Field Investigation Below
				21:20	119	0.1303	130.33886					20:30	39	0.0249	24.920971	*See Field Investigation Below
				21:25	119	0.1299	129.93898					20:45	39	0.0179	17.882083	*See Field Investigation Below
				21:30	119	0.1290	128.98507					21:00	39	0.0134	13.417991	*See Field Investigation Below
				21:35	119	0.1286	128.6235					21:15	39	0.0103	10.295512	*See Field Investigation Below
				21:40	119	0.1286	128.58411					21:30	39	0.0083	8.3496276	*See Field Investigation Below
				21:45	119	0.1277	127.69153					21:45	39	0.0071	7.1415494	*See Field Investigation Below
				21:50	119	0.1277	127.71411					22:00	39	0.0058	5.8190759	*See Field Investigation Below
				21:55	119	0.1280	128.04764					22:15	39	0.0048	4.8045441	*See Field Investigation Below
				22:00	119	0.1283	128.29077					22:30	39	0.0033	3.3262743	*See Field Investigation Below
				22:05	119	0.1284	128.35074					22:45	39	0.0021	2.1154533	*See Field Investigation Below
				22:10	119	0.1288	128.77092					23:00	39	0.0009	0.9398205	*See Field Investigation Below
				22:15	119	0.1292	129.22804					23:15	39	0.0004	0.4256572	*See Field Investigation Below
				22:20	119	0.1291	129.10097					23:30	39	0.0006	0.6232646	*See Field Investigation Below
				22:25	119	0.1280	128.00181					23:45	39	0.0003	0.2793085	*See Field Investigation Below
				22:30	119	0.1283	128.26627									*See Field Investigation Below
				22:35	119	0.1292	129.16739									*See Field Investigation Below

22:40	119	0.1298	129.79938
22:45	119	0.1303	130.30074
22:50	119	0.1301	130.085
22:55	119	0.1305	130.50276
23:00	119	0.1315	131.45613
23:05	119	0.1325	132.4586
23:10	119	0.1336	133.57545
23:15	119	0.1340	133.96675
23:20	119	0.1327	132.65306
23:25	119	0.1326	132.62971
23:30	119	0.1305	130.54243
23:35	119	0.1307	130.73432
23:40	119	0.1308	130.76195
23:45	119	0.1307	130.69742
23:50	119	0.1302	130.23191
23:55	119	0.1297	129.71473

*See Field Investigation Below
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* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.49	0	0	0	0.49

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/14/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/14/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/14/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/14/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0012	1.2486	0:00	119	0.1294	129.3995	0:00	N/A	0	0.0000	0:00	39	0.0000	0.0000	*See Field Investigation Below
0:15	60	0.0020	1.9770	0:05	119	0.1296	129.5642	0:15	N/A	0	0.0000	0:15	39	0.0000	0.0000	*See Field Investigation Below
0:30	60	0.0011	1.1170	0:10	119	0.1297	129.7380	0:30	N/A	0	0.0000	0:30	39	0.0000	0.0000	*See Field Investigation Below
0:45	60	0.0009	0.8793	0:15	119	0.1317	131.6732	0:45	N/A	0	0.0000	0:45	39	0.0000	0.0000	*See Field Investigation Below
1:00	60	0.0013	1.3095	0:20	119	0.1310	131.0082	1:00	N/A	0	0.0000	1:00	39	0.0000	0.0000	*See Field Investigation Below
1:15	60	0.0006	0.5913	0:25	119	0.1325	132.4660	1:15	N/A	0	0.0000	1:15	39	0.0000	0.0000	*See Field Investigation Below
1:30	60	0.0014	1.3781	0:30	119	0.1338	133.8406	1:30	N/A	0	0.0000	1:30	39	0.0000	0.0000	*See Field Investigation Below
1:45	60	0.0002	0.1646	0:35	119	0.1350	134.9835	1:45	N/A	0	0.0000	1:45	39	0.0000	0.0000	*See Field Investigation Below
2:00	60	0.0003	0.2504	0:40	119	0.1368	136.7728	2:00	N/A	0	0.0000	2:00	39	0.0000	0.0000	*See Field Investigation Below
2:15	60	0.0004	0.4432	0:45	119	0.1370	136.9653	2:15	N/A	0	0.0000	2:15	39	0.0000	0.0000	*See Field Investigation Below
2:30	60	0.0000	0.0000	0:50	119	0.1385	138.4916	2:30	N/A	0	0.0000	2:30	39	0.0000	0.0000	*See Field Investigation Below
2:45	60	0.0000	0.0000	0:55	119	0.1391	139.0770	2:45	N/A	0	0.0000	2:45	39	0.0000	0.0000	*See Field Investigation Below
3:00	60	0.0002	0.2122	1:00	119	0.1383	138.3005	3:00	N/A	0	0.0000	3:00	39	0.0000	0.0000	*See Field Investigation Below
3:15	60	0.0010	0.9814	1:05	119	0.1389	138.9165	3:15	N/A	0	0.0000	3:15	39	0.0000	0.0000	*See Field Investigation Below
3:30	60	0.0010	1.0057	1:10	119	0.1390	138.9884	3:30	N/A	0	0.0000	3:30	39	0.0000	0.0000	*See Field Investigation Below
3:45	60	0.0000	0.0000	1:15	119	0.1401	140.1440	3:45	N/A	0	0.0000	3:45	39	0.0000	0.0000	*See Field Investigation Below
4:00	60	0.0003	0.3462	1:20	119	0.1398	139.8474	4:00	N/A	0	0.0000	4:00	39	0.0000	0.0000	*See Field Investigation Below
4:15	60	0.0012	1.1565	1:25	119	0.1398	139.7715	4:15	N/A	0	0.0000	4:15	39	0.0000	0.0000	*See Field Investigation Below
4:30	60	0.0003	0.2665	1:30	119	0.1387	138.7397	4:30	N/A	0	0.0000	4:30	39	0.0000	0.0000	*See Field Investigation Below
4:45	60	0.0000	0.0000	1:35	119	0.1405	140.4897	4:45	N/A	0	0.0000	4:45	39	0.0000	0.0000	*See Field Investigation Below
5:00	60	0.0000	0.0000	1:40	119	0.1405	140.4889	5:00	N/A	0	0.0000	5:00	39	0.0000	0.0000	*See Field Investigation Below
5:15	60	0.0000	0.0000	1:45	119	0.1394	139.4156	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	*See Field Investigation Below
5:30	60	0.0000	0.0000	1:50	119	0.1368	136.8277	5:30	N/A	0	0.0000	5:30	39	0.0000	0.0000	*See Field Investigation Below
5:45	60	0.0000	0.0000	1:55	119	0.1342	134.2447	5:45	N/A	0	0.0000	5:45	39	0.0000	0.0000	*See Field Investigation Below
6:00	60	0.0000	0.0000	2:00	119	0.1335	133.5178	6:00	N/A	0	0.0000	6:00	39	0.0000	0.0000	*See Field Investigation Below
6:15	60	0.0000	0.0000	2:05	119	0.1322	132.1558	6:15	N/A	0	0.0000	6:15	39	0.0000	0.0000	*See Field Investigation Below
6:30	60	0.0000	0.0000	2:10	119	0.1325	132.5364	6:30	N/A	0	0.0000	6:30	39	0.0000	0.0000	*See Field Investigation Below
6:45	60	0.0000	0.0000	2:15	119	0.1326	132.6497	6:45	N/A	0	0.0000	6:45	39	0.0000	0.0000	*See Field Investigation Below
7:00	60	0.0000	0.0000	2:20	119	0.1305	130.4552	7:00	N/A	0	0.0000	7:00	39	0.0000	0.0000	*See Field Investigation Below
7:15	60	0.0000	0.0000	2:25	119	0.1306	130.6397	7:15	N/A	0	0.0000	7:15	39	0.0000	0.0000	*See Field Investigation Below
7:30	60	0.0000	0.0000	2:30	119	0.1302	130.1716	7:30	N/A	0	0.0000	7:30	39	0.0000	0.0000	*See Field Investigation Below
7:45	60	0.0000	0.0000	2:35	119	0.1301	130.0964	7:45	N/A	0	0.0000	7:45	39	0.0000	0.0000	*See Field Investigation Below
8:00	60	0.0000	0.0000	2:40	119	0.1320	132.0220	8:00	N/A	0	0.0000	8:00	39	0.0003	0.3383	*See Field Investigation Below
8:15	60	0.0000	0.0000	2:45	119	0.1325	132.4525	8:15	N/A	0	0.0000	8:15	39	0.0018	1.7723	*See Field Investigation Below

21:45	60	0.0000	0.0000	7:15	119	0.1509	150.9339	21:45	N/A	0	0.0000	21:45	39	0.0664	66.4181	*See Field Investigation Below
22:00	60	0.0000	0.0000	7:20	119	0.1521	152.0648	22:00	N/A	0	0.0000	22:00	39	0.0668	66.7930	*See Field Investigation Below
22:15	60	0.0003	0.3453	7:25	119	0.1526	152.5508	22:15	N/A	0	0.0000	22:15	39	0.0674	67.4271	*See Field Investigation Below
22:30	60	0.0001	0.0692	7:30	119	0.1527	152.7305	22:30	N/A	0	0.0000	22:30	39	0.0681	68.0550	*See Field Investigation Below
22:45	60	0.0000	0.0000	7:35	119	0.1536	153.5904	22:45	N/A	0	0.0000	22:45	39	0.0691	69.1282	*See Field Investigation Below
23:00	60	0.0000	0.0000	7:40	119	0.1540	154.0077	23:00	N/A	0	0.0000	23:00	39	0.0698	69.8081	*See Field Investigation Below
23:15	60	0.0000	0.0000	7:45	119	0.1545	154.4595	23:15	N/A	0	0.0000	23:15	39	0.0702	70.2360	*See Field Investigation Below
23:30	60	0.0000	0.0000	7:50	119	0.1553	155.3389	23:30	N/A	0	0.0000	23:30	39	0.0708	70.7666	*See Field Investigation Below
23:45	60	0.0000	0.0000	7:55	119	0.1559	155.8694	23:45	N/A	0	0.0000	23:45	39	0.0711	71.1336	*See Field Investigation Below
				8:00	119	0.1560	156.04572									*See Field Investigation Below
				8:05	119	0.1568	156.80889									*See Field Investigation Below
				8:10	119	0.1575	157.54447									*See Field Investigation Below
				8:15	119	0.1578	157.82808									*See Field Investigation Below
				8:20	119	0.1583	158.27061									*See Field Investigation Below
				8:25	119	0.1587	158.72622									*See Field Investigation Below
				8:30	119	0.1588	158.83425									*See Field Investigation Below
				8:35	119	0.1591	159.07677									*See Field Investigation Below
				8:40	119	0.1592	159.17521									*See Field Investigation Below
				8:45	119	0.1609	160.90825									*See Field Investigation Below
				8:50	119	0.1620	161.95042									*See Field Investigation Below
				8:55	119	0.1610	160.99686									*See Field Investigation Below
				9:00	119	0.1588	158.75433									*See Field Investigation Below
				9:05	119	0.1586	158.61706									*See Field Investigation Below
				9:10	119	0.1595	159.52467									*See Field Investigation Below
				9:15	119	0.1602	160.15239									*See Field Investigation Below
				9:20	119	0.1608	160.78291									*See Field Investigation Below
				9:25	119	0.1616	161.57284									*See Field Investigation Below
				9:30	119	0.1617	161.70469									*See Field Investigation Below
				9:35	119	0.1602	160.21071									*See Field Investigation Below
				9:40	119	0.1593	159.28088									*See Field Investigation Below
				9:45	119	0.1570	157.01095									*See Field Investigation Below
				9:50	119	0.1573	157.29632									*See Field Investigation Below
				9:55	119	0.1571	157.11358									*See Field Investigation Below
				10:00	119	0.1593	159.34475									*See Field Investigation Below
				10:05	119	0.1600	160.00304									*See Field Investigation Below
				10:10	119	0.1582	158.16618									*See Field Investigation Below
				10:15	119	0.1582	158.1749									*See Field Investigation Below
				10:20	119	0.1574	157.37118									*See Field Investigation Below
				10:25	119	0.1573	157.27468									*See Field Investigation Below
				10:30	119	0.1574	157.41722									*See Field Investigation Below
				10:35	119	0.1610	160.97605									*See Field Investigation Below
				10:40	119	0.1599	159.89142									*See Field Investigation Below
				10:45	119	0.1580	158.02491									*See Field Investigation Below
				10:50	119	0.1583	158.26835									*See Field Investigation Below
				10:55	119	0.1570	157.03672									*See Field Investigation Below
				11:00	119	0.1602	160.19546									*See Field Investigation Below
				11:05	119	0.1580	157.96365									*See Field Investigation Below
				11:10	119	0.1571	157.11482									*See Field Investigation Below
				11:15	119	0.1578	157.8208									*See Field Investigation Below
				11:20	119	0.1586	158.57634									*See Field Investigation Below
				11:25	119	0.1583	158.25704									*See Field Investigation Below
				11:30	119	0.1584	158.37647									*See Field Investigation Below
				11:35	119	0.1580	158.01778									*See Field Investigation Below



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.18	0	0	0	0.26

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/15/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/15/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/15/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/15/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0000	0.0000	0:00	119	0.1687	168.6970	0:00	N/A	0	0.0000	0:00	39	0.0000	0.0000	*See Field Investigation Below
0:15	60	0.0000	0.0000	0:05	119	0.1688	168.8247	0:15	N/A	0	0.0000	0:15	39	0.0000	0.0000	*See Field Investigation Below
0:30	60	0.0000	0.0000	0:10	119	0.1682	168.2336	0:30	N/A	0	0.0000	0:30	39	0.0000	0.0000	*See Field Investigation Below
0:45	60	0.0000	0.0000	0:15	119	0.1684	168.4176	0:45	N/A	0	0.0000	0:45	39	0.0000	0.0000	*See Field Investigation Below
1:00	60	0.0000	0.0000	0:20	119	0.1683	168.2872	1:00	N/A	0	0.0000	1:00	39	0.0000	0.0000	*See Field Investigation Below
1:15	60	0.0000	0.0000	0:25	119	0.1680	167.9816	1:15	N/A	0	0.0000	1:15	39	0.0000	0.0000	*See Field Investigation Below
1:30	60	0.0000	0.0000	0:30	119	0.1673	167.2653	1:30	N/A	0	0.0000	1:30	39	0.0000	0.0000	*See Field Investigation Below
1:45	60	0.0000	0.0000	0:35	119	0.1673	167.2763	1:45	N/A	0	0.0000	1:45	39	0.0000	0.0000	*See Field Investigation Below
2:00	60	0.0000	0.0000	0:40	119	0.1674	167.3620	2:00	N/A	0	0.0000	2:00	39	0.0000	0.0000	*See Field Investigation Below
2:15	60	0.0000	0.0000	0:45	119	0.1668	166.7510	2:15	N/A	0	0.0000	2:15	39	0.0000	0.0000	*See Field Investigation Below
2:30	60	0.0000	0.0000	0:50	119	0.1669	166.8813	2:30	N/A	0	0.0000	2:30	39	0.0000	0.0000	*See Field Investigation Below
2:45	60	0.0000	0.0000	0:55	119	0.1676	167.6026	2:45	N/A	0	0.0000	2:45	39	0.0000	0.0000	*See Field Investigation Below
3:00	60	0.0000	0.0000	1:00	119	0.1676	167.5830	3:00	N/A	0	0.0000	3:00	39	0.0000	0.0000	*See Field Investigation Below
3:15	60	0.0001	0.1108	1:05	119	0.1670	166.9733	3:15	N/A	0	0.0000	3:15	39	0.0000	0.0000	*See Field Investigation Below
3:30	60	0.0000	0.0473	1:10	119	0.1673	167.3084	3:30	N/A	0	0.0000	3:30	39	0.0000	0.0000	*See Field Investigation Below
3:45	60	0.0000	0.0000	1:15	119	0.1679	167.9225	3:45	N/A	0	0.0000	3:45	39	0.0000	0.0000	*See Field Investigation Below
4:00	60	0.0000	0.0000	1:20	119	0.1667	166.7383	4:00	N/A	0	0.0000	4:00	39	0.0000	0.0000	*See Field Investigation Below
4:15	60	0.0000	0.0000	1:25	119	0.1666	166.5658	4:15	N/A	0	0.0000	4:15	39	0.0000	0.0000	*See Field Investigation Below
4:30	60	0.0000	0.0000	1:30	119	0.1660	165.9826	4:30	N/A	0	0.0000	4:30	39	0.0000	0.0000	*See Field Investigation Below
4:45	60	0.0000	0.0000	1:35	119	0.1661	166.0974	4:45	N/A	0	0.0000	4:45	39	0.0000	0.0000	*See Field Investigation Below
5:00	60	0.0000	0.0000	1:40	119	0.1662	166.2244	5:00	N/A	0	0.0000	5:00	39	0.0000	0.0000	*See Field Investigation Below
5:15	60	0.0000	0.0000	1:45	119	0.1663	166.2683	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	*See Field Investigation Below
5:30	60	0.0000	0.0000	1:50	119	0.1671	167.0671	5:30	N/A	0	0.0000	5:30	39	0.0000	0.0000	*See Field Investigation Below
5:45	60	0.0000	0.0000	1:55	119	0.1671	167.1098	5:45	N/A	0	0.0000	5:45	39	0.0000	0.0000	*See Field Investigation Below
6:00	60	0.0000	0.0000	2:00	119	0.1662	166.1543	6:00	N/A	0	0.0000	6:00	39	0.0000	0.0000	*See Field Investigation Below
6:15	60	0.0000	0.0000	2:05	119	0.1664	166.3540	6:15	N/A	0	0.0000	6:15	39	0.0000	0.0000	*See Field Investigation Below
6:30	60	0.0000	0.0000	2:10	119	0.1666	166.6179	6:30	N/A	0	0.0000	6:30	39	0.0000	0.0000	*See Field Investigation Below
6:45	60	0.0002	0.1789	2:15	119	0.1668	166.7876	6:45	N/A	0	0.0000	6:45	39	0.0001	0.0521	*See Field Investigation Below
7:00	60	0.0003	0.3060	2:20	119	0.1670	166.9612	7:00	N/A	0	0.0000	7:00	39	0.0000	0.0381	*See Field Investigation Below
7:15	60	0.0001	0.1114	2:25	119	0.1672	167.1896	7:15	N/A	0	0.0000	7:15	39	0.0000	0.0000	*See Field Investigation Below
7:30	60	0.0000	0.0000	2:30	119	0.1674	167.3767	7:30	N/A	0	0.0000	7:30	39	0.0000	0.0000	*See Field Investigation Below
7:45	60	0.0000	0.0000	2:35	119	0.1674	167.3893	7:45	N/A	0	0.0000	7:45	39	0.0000	0.0000	*See Field Investigation Below
8:00	60	0.0000	0.0000	2:40	119	0.1671	167.1368	8:00	N/A	0	0.0000	8:00	39	0.0000	0.0000	*See Field Investigation Below
8:15	60	0.0000	0.0000	2:45	119	0.1665	166.5237	8:15	N/A	0	0.0000	8:15	39	0.0000	0.0000	*See Field Investigation Below

21:45	60	0.0000	0.0000	7:15	119	0.1653	165.2977	21:45	N/A	0	0.0000	21:45	39	0.0000	0.0000	*See Field Investigation Below
22:00	60	0.0000	0.0000	7:20	119	0.1657	165.6900	22:00	N/A	0	0.0000	22:00	39	0.0000	0.0000	*See Field Investigation Below
22:15	60	0.0000	0.0000	7:25	119	0.1660	165.9777	22:15	N/A	0	0.0000	22:15	39	0.0000	0.0000	*See Field Investigation Below
22:30	60	0.0000	0.0000	7:30	119	0.1668	166.7856	22:30	N/A	0	0.0000	22:30	39	0.0000	0.0000	*See Field Investigation Below
22:45	60	0.0000	0.0000	7:35	119	0.1666	166.5743	22:45	N/A	0	0.0000	22:45	39	0.0000	0.0000	*See Field Investigation Below
23:00	60	0.0000	0.0000	7:40	119	0.1693	169.2702	23:00	N/A	0	0.0000	23:00	39	0.0000	0.0000	*See Field Investigation Below
23:15	60	0.0000	0.0262	7:45	119	0.1704	170.3735	23:15	N/A	0	0.0000	23:15	39	0.0000	0.0006	*See Field Investigation Below
23:30	60	0.0004	0.3931	7:50	119	0.1660	165.9942	23:30	N/A	0	0.0000	23:30	39	0.0006	0.6354	*See Field Investigation Below
23:45	60	0.0015	1.4792	7:55	119	0.1658	165.8428	23:45	N/A	0	0.0000	23:45	39	0.0000	0.0310	*See Field Investigation Below
				8:00	119	0.1661	166.07864									*See Field Investigation Below
				8:05	119	0.1659	165.86635									*See Field Investigation Below
				8:10	119	0.1657	165.69261									*See Field Investigation Below
				8:15	119	0.1659	165.92902									*See Field Investigation Below
				8:20	119	0.1665	166.53838									*See Field Investigation Below
				8:25	119	0.1663	166.28075									*See Field Investigation Below
				8:30	119	0.1667	166.72384									*See Field Investigation Below
				8:35	119	0.1667	166.72361									*See Field Investigation Below
				8:40	119	0.1667	166.74865									*See Field Investigation Below
				8:45	119	0.1667	166.69792									*See Field Investigation Below
				8:50	119	0.1733	173.28198									*See Field Investigation Below
				8:55	119	0.1692	169.21229									*See Field Investigation Below
				9:00	119	0.1673	167.27535									*See Field Investigation Below
				9:05	119	0.1673	167.26429									*See Field Investigation Below
				9:10	119	0.1670	167.01052									*See Field Investigation Below
				9:15	119	0.1665	166.46523									*See Field Investigation Below
				9:20	119	0.1669	166.94831									*See Field Investigation Below
				9:25	119	0.1668	166.84558									*See Field Investigation Below
				9:30	119	0.1671	167.14071									*See Field Investigation Below
				9:35	119	0.1672	167.19236									*See Field Investigation Below
				9:40	119	0.1677	167.7221									*See Field Investigation Below
				9:45	119	0.1735	173.48638									*See Field Investigation Below
				9:50	119	0.1738	173.77598									*See Field Investigation Below
				9:55	119	0.1699	169.9155									*See Field Investigation Below
				10:00	119	0.1670	166.97397									*See Field Investigation Below
				10:05	119	0.1670	167.0347									*See Field Investigation Below
				10:10	119	0.1672	167.23785									*See Field Investigation Below
				10:15	119	0.1676	167.61118									*See Field Investigation Below
				10:20	119	0.1676	167.57226									*See Field Investigation Below
				10:25	119	0.1682	168.20105									*See Field Investigation Below
				10:30	119	0.1729	172.87264									*See Field Investigation Below
				10:35	119	0.1675	167.53229									*See Field Investigation Below
				10:40	119	0.1682	168.18004									*See Field Investigation Below
				10:45	119	0.1734	173.43573									*See Field Investigation Below
				10:50	119	0.1713	171.32221									*See Field Investigation Below
				10:55	119	0.1691	169.09435									*See Field Investigation Below
				11:00	119	0.1711	171.14805									*See Field Investigation Below
				11:05	119	0.1688	168.77052									*See Field Investigation Below
				11:10	119	0.1725	172.46917									*See Field Investigation Below
				11:15	119	0.1721	172.06872									*See Field Investigation Below
				11:20	119	0.1682	168.16874									*See Field Investigation Below
				11:25	119	0.1728	172.83642									*See Field Investigation Below
				11:30	119	0.1724	172.43266									*See Field Investigation Below
				11:35	119	0.1674	167.37691									*See Field Investigation Below

20:30	119	0.1697	169.718
20:35	119	0.1696	169.56567
20:40	119	0.1716	171.57075
20:45	119	0.1734	173.3656
20:50	119	0.1689	168.88338
20:55	119	0.1723	172.26604
21:00	119	0.1744	174.35339
21:05	119	0.1737	173.68676
21:10	119	0.1733	173.2635
21:15	119	0.1732	173.1764
21:20	119	0.1735	173.50721
21:25	119	0.1717	171.72142
21:30	119	0.1695	169.46138
21:35	119	0.1732	173.20429
21:40	119	0.1732	173.24396
21:45	119	0.1726	172.56842
21:50	119	0.1721	172.09555
21:55	119	0.1672	167.20413
22:00	119	0.1723	172.31632
22:05	119	0.1724	172.37787
22:10	119	0.1701	170.05924
22:15	119	0.1672	167.24975
22:20	119	0.1712	171.19737
22:25	119	0.1713	171.27169
22:30	119	0.1710	170.95361
22:35	119	0.1701	170.0828
22:40	119	0.1655	165.49624
22:45	119	0.1704	170.37508
22:50	119	0.1687	168.72678
22:55	119	0.1646	164.60337
23:00	119	0.1687	168.70728
23:05	119	0.1702	170.19689
23:10	119	0.1650	165.03767
23:15	119	0.1650	164.99601
23:20	119	0.1679	167.86234
23:25	119	0.1737	173.68567
23:30	119	0.1727	172.68848
23:35	119	0.1651	165.14456
23:40	119	0.1671	167.12448
23:45	119	0.1731	173.10887
23:50	119	0.1724	172.36713
23:55	119	0.1698	169.75406

*See Field Investigation Below
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* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.12	0	0	0	0.12
04	0.16	0	0	0	0.12

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/16/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/16/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/16/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/16/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0006	0.6129	0:00	119	0.1644	164.3875	0:00	N/A	0	0.0000	0:00	39	0.0007	0.6969	*See Field Investigation Below
0:15	60	0.0000	0.0000	0:05	119	0.1641	164.1345	0:15	N/A	0	0.0000	0:15	39	0.0000	0.0162	*See Field Investigation Below
0:30	60	0.0000	0.0251	0:10	119	0.1637	163.7208	0:30	N/A	0	0.0000	0:30	39	0.0000	0.0000	*See Field Investigation Below
0:45	60	0.0005	0.5029	0:15	119	0.1639	163.9112	0:45	N/A	0	0.0000	0:45	39	0.0000	0.0000	*See Field Investigation Below
1:00	60	0.0000	0.0000	0:20	119	0.1623	162.3486	1:00	N/A	0	0.0000	1:00	39	0.0000	0.0000	*See Field Investigation Below
1:15	60	0.0000	0.0000	0:25	119	0.1621	162.0818	1:15	N/A	0	0.0000	1:15	39	0.0000	0.0000	*See Field Investigation Below
1:30	60	0.0000	0.0000	0:30	119	0.1686	168.5769	1:30	N/A	0	0.0000	1:30	39	0.0000	0.0000	*See Field Investigation Below
1:45	60	0.0000	0.0000	0:35	119	0.1615	161.4677	1:45	N/A	0	0.0000	1:45	39	0.0000	0.0000	*See Field Investigation Below
2:00	60	0.0000	0.0000	0:40	119	0.1604	160.4191	2:00	N/A	0	0.0000	2:00	39	0.0000	0.0000	*See Field Investigation Below
2:15	60	0.0000	0.0038	0:45	119	0.1607	160.6926	2:15	N/A	0	0.0000	2:15	39	0.0000	0.0000	*See Field Investigation Below
2:30	60	0.0001	0.0825	0:50	119	0.1609	160.9033	2:30	N/A	0	0.0000	2:30	39	0.0000	0.0000	*See Field Investigation Below
2:45	60	0.0000	0.0000	0:55	119	0.1607	160.6937	2:45	N/A	0	0.0000	2:45	39	0.0000	0.0000	*See Field Investigation Below
3:00	60	0.0000	0.0000	1:00	119	0.1605	160.4814	3:00	N/A	0	0.0000	3:00	39	0.0000	0.0000	*See Field Investigation Below
3:15	60	0.0000	0.0000	1:05	119	0.1596	159.5849	3:15	N/A	0	0.0000	3:15	39	0.0000	0.0000	*See Field Investigation Below
3:30	60	0.0000	0.0000	1:10	119	0.1599	159.9148	3:30	N/A	0	0.0000	3:30	39	0.0000	0.0000	*See Field Investigation Below
3:45	60	0.0000	0.0000	1:15	119	0.1601	160.0767	3:45	N/A	0	0.0000	3:45	39	0.0007	0.7349	*See Field Investigation Below
4:00	60	0.0000	0.0000	1:20	119	0.1601	160.1418	4:00	N/A	0	0.0000	4:00	39	0.0001	0.0717	*See Field Investigation Below
4:15	60	0.0000	0.0000	1:25	119	0.1598	159.8200	4:15	N/A	0	0.0000	4:15	39	0.0000	0.0000	*See Field Investigation Below
4:30	60	0.0000	0.0000	1:30	119	0.1596	159.5748	4:30	N/A	0	0.0000	4:30	39	0.0000	0.0000	*See Field Investigation Below
4:45	60	0.0000	0.0000	1:35	119	0.1599	159.8823	4:45	N/A	0	0.0000	4:45	39	0.0000	0.0000	*See Field Investigation Below
5:00	60	0.0000	0.0000	1:40	119	0.1603	160.2812	5:00	N/A	0	0.0000	5:00	39	0.0000	0.0000	*See Field Investigation Below
5:15	60	0.0000	0.0000	1:45	119	0.1609	160.8803	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	*See Field Investigation Below
5:30	60	0.0000	0.0000	1:50	119	0.1606	160.6196	5:30	N/A	0	0.0000	5:30	39	0.0000	0.0000	*See Field Investigation Below
5:45	60	0.0000	0.0004	1:55	119	0.1616	161.5567	5:45	N/A	0	0.0000	5:45	39	0.0000	0.0005	*See Field Investigation Below
6:00	60	0.0004	0.4418	2:00	119	0.1609	160.9348	6:00	N/A	0	0.0000	6:00	39	0.0013	1.2985	*See Field Investigation Below
6:15	60	0.0003	0.3443	2:05	119	0.1608	160.7809	6:15	N/A	0	0.0000	6:15	39	0.0006	0.5709	*See Field Investigation Below
6:30	60	0.0003	0.2807	2:10	119	0.1609	160.8712	6:30	N/A	0	0.0000	6:30	39	0.0001	0.1327	*See Field Investigation Below
6:45	60	0.0003	0.3177	2:15	119	0.1688	168.8120	6:45	N/A	0	0.0000	6:45	39	0.0001	0.1046	*See Field Investigation Below
7:00	60	0.0003	0.3385	2:20	119	0.1613	161.3306	7:00	N/A	0	0.0000	7:00	39	0.0004	0.4117	*See Field Investigation Below
7:15	60	0.0000	0.0303	2:25	119	0.1610	161.0414	7:15	N/A	0	0.0000	7:15	39	0.0005	0.4633	*See Field Investigation Below
7:30	60	0.0000	0.0000	2:30	119	0.1603	160.3345	7:30	N/A	0	0.0000	7:30	39	0.0001	0.0962	*See Field Investigation Below
7:45	60	0.0000	0.0000	2:35	119	0.1609	160.8568	7:45	N/A	0	0.0000	7:45	39	0.0000	0.0000	*See Field Investigation Below
8:00	60	0.0000	0.0000	2:40	119	0.1605	160.4801	8:00	N/A	0	0.0000	8:00	39	0.0013	1.3030	*See Field Investigation Below
8:15	60	0.0001	0.1318	2:45	119	0.1607	160.6698	8:15	N/A	0	0.0000	8:15	39	0.0015	1.5147	*See Field Investigation Below

21:45	60	0.0000	0.0000	7:15	119	0.1595	159.4854	21:45	N/A	0	0.0000	18:45	39	0.0655	65.5301	*See Field Investigation Below
22:00	60	0.0003	0.3091	7:20	119	0.1569	156.9488	22:00	N/A	0	0.0000	18:50	39	0.0654	65.3947	*See Field Investigation Below
22:15	60	0.0003	0.2958	7:25	119	0.1616	161.5808	22:15	N/A	0	0.0000	18:55	39	0.0662	66.1597	*See Field Investigation Below
22:30	60	0.0004	0.3746	7:30	119	0.1655	165.5393	22:30	N/A	0	0.0000	19:00	39	0.0662	66.1851	*See Field Investigation Below
22:45	60	0.0003	0.3170	7:35	119	0.1568	156.8312	22:45	N/A	0	0.0000	19:05	39	0.0659	65.8526	*See Field Investigation Below
23:00	60	0.0000	0.0000	7:40	119	0.1563	156.3184	23:00	N/A	0	0.0000	19:10	39	0.0663	66.2752	*See Field Investigation Below
23:15	60	0.0000	0.0000	7:45	119	0.1562	156.1873	23:15	N/A	0	0.0000	19:15	39	0.0663	66.3432	*See Field Investigation Below
23:30	60	0.0000	0.0000	7:50	119	0.1649	164.9146	23:30	N/A	0	0.0000	19:20	39	0.0657	65.6638	*See Field Investigation Below
23:45	60	0.0002	0.1619	7:55	119	0.1654	165.4373	23:45	N/A	0	0.0000	19:25	39	0.0649	64.8982	*See Field Investigation Below
				8:00	119	0.1653	165.26496					19:30	39	0.0643	64.300949	*See Field Investigation Below
				8:05	119	0.1656	165.62468					19:35	39	0.0640	64.049351	*See Field Investigation Below
				8:10	119	0.1660	165.96846					19:40	39	0.0633	63.3457	*See Field Investigation Below
				8:15	119	0.1587	158.74272					19:45	39	0.0627	62.712724	*See Field Investigation Below
				8:20	119	0.1611	161.09496					19:50	39	0.0626	62.586543	*See Field Investigation Below
				8:25	119	0.1658	165.82389					19:55	39	0.0623	62.313652	*See Field Investigation Below
				8:30	119	0.1658	165.81429					20:00	39	0.0624	62.407935	*See Field Investigation Below
				8:35	119	0.1657	165.73316					20:05	39	0.0609	60.922292	*See Field Investigation Below
				8:40	119	0.1659	165.8566					20:10	39	0.0591	59.134578	*See Field Investigation Below
				8:45	119	0.1657	165.69671					20:15	39	0.0569	56.868256	*See Field Investigation Below
				8:50	119	0.1659	165.88982					20:20	39	0.0548	54.791399	*See Field Investigation Below
				8:55	119	0.1659	165.86341					20:25	39	0.0519	51.936139	*See Field Investigation Below
				9:00	119	0.1660	166.02412					20:30	39	0.0486	48.599217	*See Field Investigation Below
				9:05	119	0.1664	166.40536					20:35	39	0.0449	44.851698	*See Field Investigation Below
				9:10	119	0.1658	165.76884					20:40	39	0.0399	39.939081	*See Field Investigation Below
				9:15	119	0.1605	160.51302					20:45	39	0.0356	35.586726	*See Field Investigation Below
				9:20	119	0.1606	160.61927					20:50	39	0.0303	30.319614	*See Field Investigation Below
				9:25	119	0.1640	164.04741					20:55	39	0.0256	25.612727	*See Field Investigation Below
				9:30	119	0.1607	160.74115					21:00	39	0.0266	26.630023	*See Field Investigation Below
				9:35	119	0.1550	154.98609					21:15	39	0.0177	17.65362	*See Field Investigation Below
				9:40	119	0.1577	157.70799					21:30	39	0.0134	13.350229	*See Field Investigation Below
				9:45	119	0.1603	160.3248					21:45	39	0.0109	10.884111	*See Field Investigation Below
				9:50	119	0.1571	157.14563					22:00	39	0.0091	9.078674	*See Field Investigation Below
				9:55	119	0.1620	162.00642					22:15	39	0.0074	7.4189253	*See Field Investigation Below
				10:00	119	0.1587	158.66142					22:30	39	0.0064	6.3841108	*See Field Investigation Below
				10:05	119	0.1555	155.51537					22:45	39	0.0050	5.0467329	*See Field Investigation Below
				10:10	119	0.1593	159.27085					23:00	39	0.0037	3.6747003	*See Field Investigation Below
				10:15	119	0.1539	153.89998					23:15	39	0.0031	3.0949954	*See Field Investigation Below
				10:20	119	0.1565	156.54909					23:30	39	0.0039	3.8562048	*See Field Investigation Below
				10:25	119	0.1610	161.04223					23:45	39	0.0031	3.0579302	*See Field Investigation Below
				10:30	119	0.1603	160.34029									*See Field Investigation Below
				10:35	119	0.1587	158.70383									*See Field Investigation Below
				10:40	119	0.1536	153.64591									*See Field Investigation Below
				10:45	119	0.1608	160.75854									*See Field Investigation Below
				10:50	119	0.1617	161.69645									*See Field Investigation Below
				10:55	119	0.1622	162.15145									*See Field Investigation Below
				11:00	119	0.1624	162.40288									*See Field Investigation Below
				11:05	119	0.1625	162.51619									*See Field Investigation Below
				11:10	119	0.1625	162.53623									*See Field Investigation Below
				11:15	119	0.1621	162.12605									*See Field Investigation Below
				11:20	119	0.1625	162.45371									*See Field Investigation Below
				11:25	119	0.1624	162.42556									*See Field Investigation Below
				11:30	119	0.1630	162.99475									*See Field Investigation Below
				11:35	119	0.1641	164.10557									*See Field Investigation Below



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.25	0	0	0	0.36

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/17/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/17/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/17/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/17/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0002	0.2025	0:00	119	0.1464	146.3716	0:00	N/A	0	0.0000	0:00	39	0.0034	3.3611	*See Field Investigation Below
0:15	60	0.0000	0.0000	0:05	119	0.1470	147.0080	0:15	N/A	0	0.0000	0:15	39	0.0026	2.6127	*See Field Investigation Below
0:30	60	0.0000	0.0000	0:10	119	0.1464	146.4412	0:30	N/A	0	0.0000	0:30	39	0.0031	3.1331	*See Field Investigation Below
0:45	60	0.0000	0.0000	0:15	119	0.1466	146.5592	0:45	N/A	0	0.0000	0:45	39	0.0027	2.6716	*See Field Investigation Below
1:00	60	0.0000	0.0000	0:20	119	0.1471	147.0591	1:00	N/A	0	0.0000	1:00	39	0.0021	2.1052	*See Field Investigation Below
1:15	60	0.0001	0.0869	0:25	119	0.1477	147.7042	1:15	N/A	0	0.0000	1:15	39	0.0023	2.3166	*See Field Investigation Below
1:30	60	0.0001	0.1086	0:30	119	0.1482	148.2214	1:30	N/A	0	0.0000	1:30	39	0.0019	1.8843	*See Field Investigation Below
1:45	60	0.0000	0.0000	0:35	119	0.1484	148.4415	1:45	N/A	0	0.0000	1:45	39	0.0019	1.8800	*See Field Investigation Below
2:00	60	0.0000	0.0000	0:40	119	0.1470	146.9926	2:00	N/A	0	0.0000	2:00	39	0.0011	1.1149	*See Field Investigation Below
2:15	60	0.0000	0.0000	0:45	119	0.1467	146.6752	2:15	N/A	0	0.0000	2:15	39	0.0007	0.6765	*See Field Investigation Below
2:30	60	0.0000	0.0000	0:50	119	0.1461	146.0732	2:30	N/A	0	0.0000	2:30	39	0.0005	0.4860	*See Field Investigation Below
2:45	60	0.0000	0.0000	0:55	119	0.1457	145.6518	2:45	N/A	0	0.0000	2:45	39	0.0003	0.2709	*See Field Investigation Below
3:00	60	0.0000	0.0000	1:00	119	0.1455	145.5359	3:00	N/A	0	0.0000	3:00	39	0.0001	0.1335	*See Field Investigation Below
3:15	60	0.0000	0.0000	1:05	119	0.1451	145.0984	3:15	N/A	0	0.0000	3:15	39	0.0000	0.0000	*See Field Investigation Below
3:30	60	0.0000	0.0000	1:10	119	0.1448	144.8179	3:30	N/A	0	0.0000	3:30	39	0.0000	0.0094	*See Field Investigation Below
3:45	60	0.0000	0.0000	1:15	119	0.1449	144.8989	3:45	N/A	0	0.0000	3:45	39	0.0002	0.2118	*See Field Investigation Below
4:00	60	0.0002	0.2211	1:20	119	0.1445	144.5321	4:00	N/A	0	0.0000	4:00	39	0.0000	0.0076	*See Field Investigation Below
4:15	60	0.0005	0.4896	1:25	119	0.1445	144.5462	4:15	N/A	0	0.0000	4:15	39	0.0027	2.7378	*See Field Investigation Below
4:30	60	0.0000	0.0000	1:30	119	0.1455	145.4726	4:30	N/A	0	0.0000	4:30	39	0.0000	0.0000	*See Field Investigation Below
4:45	60	0.0000	0.0000	1:35	119	0.1456	145.5635	4:45	N/A	0	0.0000	4:45	39	0.0000	0.0000	*See Field Investigation Below
5:00	60	0.0000	0.0000	1:40	119	0.1454	145.3564	5:00	N/A	0	0.0000	5:00	39	0.0000	0.0000	*See Field Investigation Below
5:15	60	0.0000	0.0000	1:45	119	0.1452	145.2099	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	*See Field Investigation Below
5:30	60	0.0000	0.0000	1:50	119	0.1446	144.5908	5:30	N/A	0	0.0000	5:30	39	0.0000	0.0000	*See Field Investigation Below
5:45	60	0.0000	0.0000	1:55	119	0.1441	144.0512	5:45	N/A	0	0.0000	5:45	39	0.0000	0.0000	*See Field Investigation Below
6:00	60	0.0000	0.0000	2:00	119	0.1430	142.9894	6:00	N/A	0	0.0000	6:00	39	0.0000	0.0000	*See Field Investigation Below
6:15	60	0.0000	0.0000	2:05	119	0.1430	142.9675	6:15	N/A	0	0.0000	6:15	39	0.0000	0.0000	*See Field Investigation Below
6:30	60	0.0000	0.0000	2:10	119	0.1435	143.5385	6:30	N/A	0	0.0000	6:30	39	0.0000	0.0000	*See Field Investigation Below
6:45	60	0.0000	0.0438	2:15	119	0.1430	142.9932	6:45	N/A	0	0.0000	6:45	39	0.0000	0.0000	*See Field Investigation Below
7:00	60	0.0001	0.1354	2:20	119	0.1423	142.2674	7:00	N/A	0	0.0000	7:00	39	0.0025	2.5370	*See Field Investigation Below
7:15	60	0.0000	0.0000	2:25	119	0.1417	141.7124	7:15	N/A	0	0.0000	7:15	39	0.0005	0.4685	*See Field Investigation Below
7:30	60	0.0000	0.0000	2:30	119	0.1426	142.5729	7:30	N/A	0	0.0000	7:30	39	0.0024	2.4195	*See Field Investigation Below
7:45	60	0.0000	0.0000	2:35	119	0.1425	142.5243	7:45	N/A	0	0.0000	7:45	39	0.0004	0.4096	*See Field Investigation Below
8:00	60	0.0000	0.0000	2:40	119	0.1413	141.2818	8:00	N/A	0	0.0000	8:00	39	0.0000	0.0000	*See Field Investigation Below
8:15	60	0.0000	0.0000	2:45	119	0.1416	141.6025	8:15	N/A	0	0.0000	8:15	39	0.0000	0.0000	*See Field Investigation Below

21:45	60	0.0001	0.1226	7:15	119	0.1436	143.5635	21:45	N/A	0	0.0000	21:45	39	0.0000	0.0000	*See Field Investigation Below
22:00	60	0.0000	0.0000	7:20	119	0.1432	143.1648	22:00	N/A	0	0.0000	22:00	39	0.0000	0.0000	*See Field Investigation Below
22:15	60	0.0000	0.0000	7:25	119	0.1458	145.8303	22:15	N/A	0	0.0000	22:15	39	0.0000	0.0000	*See Field Investigation Below
22:30	60	0.0000	0.0000	7:30	119	0.1430	143.0024	22:30	N/A	0	0.0000	22:30	39	0.0000	0.0000	*See Field Investigation Below
22:45	60	0.0003	0.2941	7:35	119	0.1432	143.1944	22:45	N/A	0	0.0000	22:45	39	0.0009	0.8622	*See Field Investigation Below
23:00	60	0.0017	1.7159	7:40	119	0.1438	143.8314	23:00	N/A	0	0.0000	23:00	39	0.0019	1.9391	*See Field Investigation Below
23:15	60	0.0008	0.7633	7:45	119	0.1445	144.5448	23:15	N/A	0	0.0000	23:15	39	0.0020	1.9811	*See Field Investigation Below
23:30	60	0.0019	1.8609	7:50	119	0.1456	145.6189	23:30	N/A	0	0.0000	23:30	39	0.0026	2.5900	*See Field Investigation Below
23:45	60	0.0003	0.3268	7:55	119	0.1460	146.0319	23:45	N/A	0	0.0000	23:45	39	0.0000	0.0000	*See Field Investigation Below
				8:00	119	0.1470	146.97045									*See Field Investigation Below
				8:05	119	0.1467	146.74139									*See Field Investigation Below
				8:10	119	0.1471	147.08559									*See Field Investigation Below
				8:15	119	0.1481	148.13817									*See Field Investigation Below
				8:20	119	0.1488	148.83927									*See Field Investigation Below
				8:25	119	0.1504	150.40764									*See Field Investigation Below
				8:30	119	0.1522	152.22133									*See Field Investigation Below
				8:35	119	0.1536	153.55554									*See Field Investigation Below
				8:40	119	0.1541	154.14074									*See Field Investigation Below
				8:45	119	0.1535	153.45714									*See Field Investigation Below
				8:50	119	0.1543	154.31468									*See Field Investigation Below
				8:55	119	0.1553	155.29265									*See Field Investigation Below
				9:00	119	0.1569	156.86656									*See Field Investigation Below
				9:05	119	0.1601	160.14346									*See Field Investigation Below
				9:10	119	0.1594	159.42676									*See Field Investigation Below
				9:15	119	0.1586	158.63541									*See Field Investigation Below
				9:20	119	0.1591	159.05492									*See Field Investigation Below
				9:25	119	0.1592	159.2477									*See Field Investigation Below
				9:30	119	0.1585	158.45079									*See Field Investigation Below
				9:35	119	0.1577	157.70937									*See Field Investigation Below
				9:40	119	0.1571	157.08859									*See Field Investigation Below
				9:45	119	0.1613	161.25434									*See Field Investigation Below
				9:50	119	0.1610	161.01464									*See Field Investigation Below
				9:55	119	0.1575	157.46645									*See Field Investigation Below
				10:00	119	0.1583	158.3379									*See Field Investigation Below
				10:05	119	0.1648	164.8001									*See Field Investigation Below
				10:10	119	0.1603	160.31764									*See Field Investigation Below
				10:15	119	0.1588	158.798									*See Field Investigation Below
				10:20	119	0.1634	163.35755									*See Field Investigation Below
				10:25	119	0.1629	162.86945									*See Field Investigation Below
				10:30	119	0.1576	157.55821									*See Field Investigation Below
				10:35	119	0.1565	156.54668									*See Field Investigation Below
				10:40	119	0.1573	157.26763									*See Field Investigation Below
				10:45	119	0.1593	159.25592									*See Field Investigation Below
				10:50	119	0.1594	159.38613									*See Field Investigation Below
				10:55	119	0.1575	157.54002									*See Field Investigation Below
				11:00	119	0.1573	157.32695									*See Field Investigation Below
				11:05	119	0.1634	163.36875									*See Field Investigation Below
				11:10	119	0.1658	165.78687									*See Field Investigation Below
				11:15	119	0.1621	162.05225									*See Field Investigation Below
				11:20	119	0.1582	158.23348									*See Field Investigation Below
				11:25	119	0.1582	158.20267									*See Field Investigation Below
				11:30	119	0.1584	158.43695									*See Field Investigation Below
				11:35	119	0.1600	159.96031									*See Field Investigation Below

20:30	119	0.1595	159.53223
20:35	119	0.1654	165.38255
20:40	119	0.1675	167.51702
20:45	119	0.1675	167.51417
20:50	119	0.1672	167.20866
20:55	119	0.1598	159.81558
21:00	119	0.1591	159.13864
21:05	119	0.1591	159.13586
21:10	119	0.1592	159.2093
21:15	119	0.1588	158.78788
21:20	119	0.1589	158.92647
21:25	119	0.1591	159.10107
21:30	119	0.1620	162.02685
21:35	119	0.1585	158.49862
21:40	119	0.1586	158.55016
21:45	119	0.1585	158.52261
21:50	119	0.1582	158.24473
21:55	119	0.1583	158.263
22:00	119	0.1582	158.22766
22:05	119	0.1582	158.21525
22:10	119	0.1582	158.24376
22:15	119	0.1581	158.08798
22:20	119	0.1584	158.39872
22:25	119	0.1582	158.15325
22:30	119	0.1580	158.00663
22:35	119	0.1580	157.98464
22:40	119	0.1579	157.88603
22:45	119	0.1645	164.48641
22:50	119	0.1668	166.83749
22:55	119	0.1670	167.02046
23:00	119	0.1606	160.5969
23:05	119	0.1582	158.18781
23:10	119	0.1617	161.70677
23:15	119	0.1673	167.32176
23:20	119	0.1672	167.22551
23:25	119	0.1642	164.16549
23:30	119	0.1585	158.52808
23:35	119	0.1579	157.85432
23:40	119	0.1584	158.35538
23:45	119	0.1580	158.02119
23:50	119	0.1579	157.92042
23:55	119	0.1580	158.03777

*See Field Investigation Below
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* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.14	0	0	0	0.13
04	0.28	0	0	0	0

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/18/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/18/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/18/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/18/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0000	0.0000	0:00	119	0.1579	157.9472	0:00	N/A	0	0.0000	0:00	39	0.0000	0.0000	*See Field Investigation Below
0:15	60	0.0000	0.0000	0:05	119	0.1576	157.6247	0:15	N/A	0	0.0000	0:15	39	0.0000	0.0000	*See Field Investigation Below
0:30	60	0.0000	0.0000	0:10	119	0.1580	158.0119	0:30	N/A	0	0.0000	0:30	39	0.0000	0.0000	*See Field Investigation Below
0:45	60	0.0003	0.3339	0:15	119	0.1576	157.6074	0:45	N/A	0	0.0000	0:45	39	0.0000	0.0000	*See Field Investigation Below
1:00	60	0.0001	0.0668	0:20	119	0.1574	157.4439	1:00	N/A	0	0.0000	1:00	39	0.0000	0.0000	*See Field Investigation Below
1:15	60	0.0002	0.2482	0:25	119	0.1575	157.5137	1:15	N/A	0	0.0000	1:15	39	0.0003	0.3412	*See Field Investigation Below
1:30	60	0.0001	0.0709	0:30	119	0.1577	157.7450	1:30	N/A	0	0.0000	1:30	39	0.0011	1.0551	*See Field Investigation Below
1:45	60	0.0000	0.0000	0:35	119	0.1591	159.0506	1:45	N/A	0	0.0000	1:45	39	0.0000	0.0000	*See Field Investigation Below
2:00	60	0.0000	0.0000	0:40	119	0.1577	157.6905	2:00	N/A	0	0.0000	2:00	39	0.0000	0.0000	*See Field Investigation Below
2:15	60	0.0000	0.0000	0:45	119	0.1574	157.4252	2:15	N/A	0	0.0000	2:15	39	0.0000	0.0000	*See Field Investigation Below
2:30	60	0.0000	0.0000	0:50	119	0.1575	157.4811	2:30	N/A	0	0.0000	2:30	39	0.0000	0.0000	*See Field Investigation Below
2:45	60	0.0000	0.0000	0:55	119	0.1577	157.6983	2:45	N/A	0	0.0000	2:45	39	0.0000	0.0000	*See Field Investigation Below
3:00	60	0.0000	0.0000	1:00	119	0.1574	157.4178	3:00	N/A	0	0.0000	3:00	39	0.0003	0.3295	*See Field Investigation Below
3:15	60	0.0006	0.5871	1:05	119	0.1573	157.3200	3:15	N/A	0	0.0000	3:15	39	0.0015	1.5245	*See Field Investigation Below
3:30	60	0.0002	0.2386	1:10	119	0.1571	157.1051	3:30	N/A	0	0.0000	3:30	39	0.0000	0.0000	*See Field Investigation Below
3:45	60	0.0000	0.0000	1:15	119	0.1599	159.9344	3:45	N/A	0	0.0000	3:45	39	0.0000	0.0000	*See Field Investigation Below
4:00	60	0.0006	0.5990	1:20	119	0.1629	162.9419	4:00	N/A	0	0.0000	4:00	39	0.0001	0.1320	*See Field Investigation Below
4:15	60	0.0002	0.2225	1:25	119	0.1572	157.2327	4:15	N/A	0	0.0000	4:15	39	0.0012	1.2022	*See Field Investigation Below
4:30	60	0.0004	0.4485	1:30	119	0.1572	157.1638	4:30	N/A	0	0.0000	4:30	39	0.0011	1.0790	*See Field Investigation Below
4:45	60	0.0001	0.1282	1:35	119	0.1572	157.2050	4:45	N/A	0	0.0000	4:45	39	0.0002	0.1718	*See Field Investigation Below
5:00	60	0.0000	0.0000	1:40	119	0.1575	157.4782	5:00	N/A	0	0.0000	5:00	39	0.0014	1.3755	*See Field Investigation Below
5:15	60	0.0000	0.0000	1:45	119	0.1574	157.3765	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	*See Field Investigation Below
5:30	60	0.0000	0.0000	1:50	119	0.1574	157.4440	5:30	N/A	0	0.0000	5:30	39	0.0000	0.0000	*See Field Investigation Below
5:45	60	0.0000	0.0000	1:55	119	0.1570	156.9544	5:45	N/A	0	0.0000	5:45	39	0.0000	0.0000	*See Field Investigation Below
6:00	60	0.0000	0.0000	2:00	119	0.1571	157.0797	6:00	N/A	0	0.0000	6:00	39	0.0000	0.0000	*See Field Investigation Below
6:15	60	0.0000	0.0000	2:05	119	0.1573	157.3058	6:15	N/A	0	0.0000	6:15	39	0.0000	0.0000	*See Field Investigation Below
6:30	60	0.0000	0.0000	2:10	119	0.1571	157.1267	6:30	N/A	0	0.0000	6:30	39	0.0002	0.2037	*See Field Investigation Below
6:45	60	0.0008	0.7581	2:15	119	0.1570	157.0275	6:45	N/A	0	0.0000	6:45	39	0.0018	1.7529	*See Field Investigation Below
7:00	60	0.0004	0.3792	2:20	119	0.1565	156.4902	7:00	N/A	0	0.0000	7:00	39	0.0000	0.0000	*See Field Investigation Below
7:15	60	0.0000	0.0000	2:25	119	0.1566	156.6497	7:15	N/A	0	0.0000	7:15	39	0.0000	0.0000	*See Field Investigation Below
7:30	60	0.0000	0.0000	2:30	119	0.1564	156.3761	7:30	N/A	0	0.0000	7:30	39	0.0000	0.0000	*See Field Investigation Below
7:45	60	0.0000	0.0000	2:35	119	0.1569	156.9268	7:45	N/A	0	0.0000	7:45	39	0.0000	0.0000	*See Field Investigation Below
8:00	60	0.0000	0.0000	2:40	119	0.1570	157.0031	8:00	N/A	0	0.0000	8:00	39	0.0000	0.0000	*See Field Investigation Below

21:30	60	0.0000	0.0000	7:10	119	0.1588	158.7858	21:30	N/A	0	0.0000	16:40	39	0.0679	67.9109	*See Field Investigation Below
21:45	60	0.0000	0.0000	7:15	119	0.1593	159.3475	21:45	N/A	0	0.0000	16:45	39	0.0667	66.7026	*See Field Investigation Below
22:00	60	0.0000	0.0000	7:20	119	0.1593	159.2674	22:00	N/A	0	0.0000	16:50	39	0.0657	65.6552	*See Field Investigation Below
22:15	60	0.0000	0.0000	7:25	119	0.1586	158.6006	22:15	N/A	0	0.0000	16:55	39	0.0602	60.2177	*See Field Investigation Below
22:30	60	0.0000	0.0000	7:30	119	0.1582	158.1512	22:30	N/A	0	0.0000	17:00	39	0.0636	63.5642	*See Field Investigation Below
22:45	60	0.0001	0.1008	7:35	119	0.1579	157.8697	22:45	N/A	0	0.0000	17:05	39	0.0630	63.0412	*See Field Investigation Below
23:00	60	0.0005	0.4662	7:40	119	0.1576	157.6075	23:00	N/A	0	0.0000	17:10	39	0.0623	62.2787	*See Field Investigation Below
23:15	60	0.0000	0.0000	7:45	119	0.1573	157.2555	23:15	N/A	0	0.0000	17:15	39	0.0616	61.5566	*See Field Investigation Below
23:30	60	0.0000	0.0000	7:50	119	0.1573	157.2688	23:30	N/A	0	0.0000	17:20	39	0.0603	60.2571	*See Field Investigation Below
23:45	60	0.0000	0.0221	7:55	119	0.1577	157.6981	23:45	N/A	0	0.0000	17:25	39	0.0622	62.2456	*See Field Investigation Below
				8:00	119	0.1573	157.31547					17:30	39	0.0621	62.099746	*See Field Investigation Below
				8:05	119	0.1571	157.0747					17:35	39	0.0621	62.06452	*See Field Investigation Below
				8:10	119	0.1570	157.04413					17:40	39	0.0610	61.046474	*See Field Investigation Below
				8:15	119	0.1564	156.4438					17:45	39	0.0602	60.157671	*See Field Investigation Below
				8:20	119	0.1564	156.44221					17:50	39	0.0619	61.903843	*See Field Investigation Below
				8:25	119	0.1565	156.50713					17:55	39	0.0625	62.532352	*See Field Investigation Below
				8:30	119	0.1569	156.89487					18:00	39	0.0593	59.306851	*See Field Investigation Below
				8:35	119	0.1571	157.11672					18:05	39	0.0578	57.779324	*See Field Investigation Below
				8:40	119	0.1566	156.60199					18:10	39	0.0574	57.416804	*See Field Investigation Below
				8:45	119	0.1566	156.61764					18:15	39	0.0570	56.999364	*See Field Investigation Below
				8:50	119	0.1563	156.26959					18:20	39	0.0559	55.917891	*See Field Investigation Below
				8:55	119	0.1558	155.8405					18:25	39	0.0644	64.37794	*See Field Investigation Below
				9:00	119	0.1557	155.70662					18:30	39	0.0574	57.359516	*See Field Investigation Below
				9:05	119	0.1559	155.9275					18:35	39	0.0568	56.805374	*See Field Investigation Below
				9:10	119	0.1561	156.09721					18:40	39	0.0568	56.823503	*See Field Investigation Below
				9:15	119	0.1558	155.82431					18:45	39	0.0575	57.45703	*See Field Investigation Below
				9:20	119	0.1559	155.94621					18:50	39	0.0659	65.889831	*See Field Investigation Below
				9:25	119	0.1564	156.38526					18:55	39	0.0616	61.576686	*See Field Investigation Below
				9:30	119	0.1561	156.13355					19:00	39	0.0599	59.906034	*See Field Investigation Below
				9:35	119	0.1560	156.03779					19:05	39	0.0606	60.581151	*See Field Investigation Below
				9:40	119	0.1561	156.12113					19:10	39	0.0693	69.33487	*See Field Investigation Below
				9:45	119	0.1562	156.19348					19:15	39	0.0646	64.574797	*See Field Investigation Below
				9:50	119	0.1639	163.94452					19:20	39	0.0614	61.417128	*See Field Investigation Below
				9:55	119	0.1602	160.17067					19:25	39	0.0619	61.902315	*See Field Investigation Below
				10:00	119	0.1550	155.03144					19:30	39	0.0625	62.496882	*See Field Investigation Below
				10:05	119	0.1544	154.44892					19:35	39	0.0731	73.075497	*See Field Investigation Below
				10:10	119	0.1543	154.28678					19:40	39	0.0631	63.118253	*See Field Investigation Below
				10:15	119	0.1549	154.92416					19:45	39	0.0621	62.094385	*See Field Investigation Below
				10:20	119	0.1561	156.09355					19:50	39	0.0617	61.705741	*See Field Investigation Below
				10:25	119	0.1553	155.32233					19:55	39	0.0607	60.695862	*See Field Investigation Below
				10:30	119	0.1551	155.12105					20:00	39	0.0601	60.136796	*See Field Investigation Below
				10:35	119	0.1557	155.65996					20:05	39	0.0645	64.465194	*See Field Investigation Below
				10:40	119	0.1538	153.75791					20:10	39	0.0679	67.907055	*See Field Investigation Below
				10:45	119	0.1526	152.62637					20:15	39	0.0670	66.957242	*See Field Investigation Below
				10:50	119	0.1566	156.64456					20:20	39	0.0659	65.919679	*See Field Investigation Below
				10:55	119	0.1613	161.33824					20:25	39	0.0650	65.00054	*See Field Investigation Below
				11:00	119	0.1590	158.98955					20:30	39	0.0631	63.072591	*See Field Investigation Below
				11:05	119	0.1527	152.69593					20:35	39	0.0610	61.008968	*See Field Investigation Below
				11:10	119	0.1521	152.06021					20:40	39	0.0590	59.005799	*See Field Investigation Below
				11:15	119	0.1508	150.80681					20:45	39	0.0575	57.457655	*See Field Investigation Below
				11:20	119	0.1511	151.12769					20:50	39	0.0561	56.120384	*See Field Investigation Below
				11:25	119	0.1532	153.18569					20:55	39	0.0542	54.241619	*See Field Investigation Below
				11:30	119	0.1550	155.02777					21:00	39	0.0521	52.072448	*See Field Investigation Below

8:00	119	0.1451	145.10867
8:05	119	0.1367	136.65572
8:10	119	0.1361	136.06324
8:15	119	0.1355	135.47905
8:20	119	0.1428	142.7834
8:25	119	0.1448	144.77921
8:30	119	0.1428	142.83832
8:35	119	0.1337	133.65329
8:40	119	0.1416	141.60112
8:45	119	0.1375	137.45694
8:50	119	0.1346	134.58822
8:55	119	0.1342	134.18575
9:00	119	0.1431	143.138
9:05	119	0.1442	144.19562
9:10	119	0.1440	143.96244
9:15	119	0.1392	139.17771
9:20	119	0.1410	140.98824
9:25	119	0.1467	146.6568
9:30	119	0.1460	145.99
9:35	119	0.1464	146.38571
9:40	119	0.1476	147.6413
9:45	119	0.1484	148.36447
9:50	119	0.1489	148.92949
9:55	119	0.1501	150.11784
10:00	119	0.1516	151.64768
10:05	119	0.1527	152.71466
10:10	119	0.1535	153.49803
10:15	119	0.1541	154.1373
10:20	119	0.1546	154.61309
10:25	119	0.1551	155.10349
10:30	119	0.1543	154.34041
10:35	119	0.1530	153.02401
10:40	119	0.1525	152.47685
10:45	119	0.1525	152.53477
10:50	119	0.1529	152.90884
10:55	119	0.1527	152.66206
11:00	119	0.1514	151.3864
11:05	119	0.1502	150.18853
11:10	119	0.1494	149.40706
11:15	119	0.1465	146.4569
11:20	119	0.1441	144.07797
11:25	119	0.1463	146.25289
11:30	119	0.1446	144.64841
11:35	119	0.1429	142.85856
11:40	119	0.1410	141.01153
11:45	119	0.1410	140.95399
11:50	119	0.1408	140.83306
11:55	119	0.1391	139.14676
12:00	119	0.1375	137.50441
12:05	119	0.1348	134.78507
12:10	119	0.1307	130.67541
12:15	119	0.1268	126.77377
12:20	119	0.1257	125.71538

16:40	39	0.0699	69.930699	*See Field Investigation Below
16:45	39	0.0668	66.790224	*See Field Investigation Below
16:50	39	0.0666	66.576704	*See Field Investigation Below
16:55	39	0.0678	67.80525	*See Field Investigation Below
17:00	39	0.0686	68.605673	*See Field Investigation Below
17:05	39	0.0696	69.648328	*See Field Investigation Below
17:10	39	0.0705	70.473963	*See Field Investigation Below
17:15	39	0.0715	71.527891	*See Field Investigation Below
17:20	39	0.0716	71.576579	*See Field Investigation Below
17:25	39	0.0707	70.69364	*See Field Investigation Below
17:30	39	0.0706	70.593957	*See Field Investigation Below
17:35	39	0.0708	70.831516	*See Field Investigation Below
17:40	39	0.0711	71.120159	*See Field Investigation Below
17:45	39	0.0714	71.421459	*See Field Investigation Below
17:50	39	0.0841	84.105288	*See Field Investigation Below
17:55	39	0.0718	71.8383	*See Field Investigation Below
18:00	39	0.0716	71.592555	*See Field Investigation Below
18:05	39	0.0724	72.434647	*See Field Investigation Below
18:10	39	0.0729	72.904127	*See Field Investigation Below
18:15	39	0.0733	73.288151	*See Field Investigation Below
18:20	39	0.0741	74.125595	*See Field Investigation Below
18:25	39	0.0746	74.599	*See Field Investigation Below
18:30	39	0.0915	91.483069	*See Field Investigation Below
18:35	39	0.0750	74.993103	*See Field Investigation Below
18:40	39	0.0736	73.621017	*See Field Investigation Below
18:45	39	0.0742	74.236323	*See Field Investigation Below
18:50	39	0.0740	74.041088	*See Field Investigation Below
18:55	39	0.0889	88.876962	*See Field Investigation Below
19:00	39	0.0752	75.166488	*See Field Investigation Below
19:05	39	0.0743	74.347429	*See Field Investigation Below
19:10	39	0.0745	74.467012	*See Field Investigation Below
19:15	39	0.0737	73.74891	*See Field Investigation Below
19:20	39	0.0736	73.63118	*See Field Investigation Below
19:25	39	0.0742	74.246223	*See Field Investigation Below
19:30	39	0.0748	74.773812	*See Field Investigation Below
19:35	39	0.0751	75.132267	*See Field Investigation Below
19:40	39	0.0754	75.388803	*See Field Investigation Below
19:45	39	0.0755	75.453666	*See Field Investigation Below
19:50	39	0.0755	75.480952	*See Field Investigation Below
19:55	39	0.0890	89.036959	*See Field Investigation Below
20:00	39	0.0934	93.402732	*See Field Investigation Below
20:05	39	0.0911	91.115064	*See Field Investigation Below
20:10	39	0.0884	88.350799	*See Field Investigation Below
20:15	39	0.0856	85.629166	*See Field Investigation Below
20:20	39	0.0827	82.718528	*See Field Investigation Below
20:25	39	0.0783	78.296441	*See Field Investigation Below
20:30	39	0.0737	73.670848	*See Field Investigation Below
20:35	39	0.0694	69.353155	*See Field Investigation Below
20:40	39	0.0661	66.078042	*See Field Investigation Below
20:45	39	0.0634	63.41695	*See Field Investigation Below
20:50	39	0.0606	60.570773	*See Field Investigation Below
20:55	39	0.0583	58.308703	*See Field Investigation Below
21:00	39	0.0561	56.149599	*See Field Investigation Below

22:30	119	0.1174	117.37314
22:45	119	0.1181	118.10954
22:50	119	0.1329	132.89333
22:55	119	0.1340	133.97103
23:00	119	0.1340	134.04055
23:05	119	0.1336	133.57672
23:10	119	0.1314	131.39451
23:15	119	0.1319	131.86159
23:20	119	0.1317	131.66812
23:25	119	0.1314	131.38788
23:30	119	0.1297	129.71528
23:35	119	0.1280	127.99471
23:40	119	0.1288	128.84391
23:45	119	0.1305	130.46963
23:50	119	0.1257	125.65635
23:55	119	0.1239	123.94432

*See Field Investigation Below
*See Field Investigation Below
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*See Field Investigation Below
*See Field Investigation Below

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.36	0	0	0	0.48
04	0.24	0	0	0	0.27

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/20/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/20/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/20/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/20/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0001	0.1082	0:00	119	0.1213	121.2852	0:00	N/A	0	0.0000	0:00	39	0.0084	8.3740	*See Field Investigation Below
0:15	60	0.0000	0.0000	0:05	119	0.1216	121.6029	0:15	N/A	0	0.0000	0:15	39	0.0079	7.8931	*See Field Investigation Below
0:30	60	0.0000	0.0000	0:10	119	0.1223	122.2948	0:30	N/A	0	0.0000	0:30	39	0.0074	7.3927	*See Field Investigation Below
0:45	60	0.0000	0.0000	0:15	119	0.1224	122.3593	0:45	N/A	0	0.0000	0:45	39	0.0075	7.5439	*See Field Investigation Below
1:00	60	0.0000	0.0000	0:20	119	0.1217	121.6644	1:00	N/A	0	0.0000	1:00	39	0.0073	7.3056	*See Field Investigation Below
1:15	60	0.0000	0.0000	0:25	119	0.1224	122.4172	1:15	N/A	0	0.0000	1:15	39	0.0063	6.2548	*See Field Investigation Below
1:30	60	0.0006	0.5983	0:30	119	0.1215	121.5379	1:30	N/A	0	0.0000	1:30	39	0.0060	5.9834	*See Field Investigation Below
1:45	60	0.0005	0.4943	0:35	119	0.1216	121.6408	1:45	N/A	0	0.0000	1:45	39	0.0053	5.2793	*See Field Investigation Below
2:00	60	0.0013	1.2832	0:40	119	0.1209	120.9280	2:00	N/A	0	0.0000	2:00	39	0.0065	6.5344	*See Field Investigation Below
2:15	60	0.0012	1.2276	0:45	119	0.1206	120.5919	2:15	N/A	0	0.0000	2:15	39	0.0055	5.4538	*See Field Investigation Below
2:30	60	0.0000	0.0000	0:50	119	0.1204	120.3612	2:30	N/A	0	0.0000	2:30	39	0.0037	3.6577	*See Field Investigation Below
2:45	60	0.0000	0.0000	0:55	119	0.1208	120.7561	2:45	N/A	0	0.0000	2:45	39	0.0035	3.5356	*See Field Investigation Below
3:00	60	0.0000	0.0000	1:00	119	0.1210	120.9898	3:00	N/A	0	0.0000	3:00	39	0.0029	2.8824	*See Field Investigation Below
3:15	60	0.0000	0.0000	1:05	119	0.1208	120.7515	3:15	N/A	0	0.0000	3:15	39	0.0027	2.6636	*See Field Investigation Below
3:30	60	0.0000	0.0000	1:10	119	0.1196	119.5972	3:30	N/A	0	0.0000	3:30	39	0.0027	2.7161	*See Field Investigation Below
3:45	60	0.0000	0.0000	1:15	119	0.1197	119.7100	3:45	N/A	0	0.0000	3:45	39	0.0028	2.7667	*See Field Investigation Below
4:00	60	0.0000	0.0000	1:20	119	0.1192	119.2348	4:00	N/A	0	0.0000	4:00	39	0.0024	2.4188	*See Field Investigation Below
4:15	60	0.0000	0.0000	1:25	119	0.1201	120.1447	4:15	N/A	0	0.0000	4:15	39	0.0020	2.0140	*See Field Investigation Below
4:30	60	0.0000	0.0000	1:30	119	0.1201	120.0541	4:30	N/A	0	0.0000	4:30	39	0.0019	1.9268	*See Field Investigation Below
4:45	60	0.0000	0.0000	1:35	119	0.1196	119.6138	4:45	N/A	0	0.0000	4:45	39	0.0017	1.6579	*See Field Investigation Below
5:00	60	0.0000	0.0000	1:40	119	0.1197	119.7398	5:00	N/A	0	0.0000	5:00	39	0.0017	1.6672	*See Field Investigation Below
5:15	60	0.0000	0.0000	1:45	119	0.1190	119.0257	5:15	N/A	0	0.0000	5:15	39	0.0018	1.7921	*See Field Investigation Below
5:30	60	0.0000	0.0000	1:50	119	0.1189	118.8641	5:30	N/A	0	0.0000	5:30	39	0.0020	1.9689	
5:45	60	0.0000	0.0000	1:55	119	0.1183	118.3212	5:45	N/A	0	0.0000	5:45	39	0.0019	1.8559	
6:00	60	0.0000	0.0000	2:00	119	0.1255	125.4789	6:00	N/A	0	0.0000	6:00	39	0.0015	1.4771	*See Field Investigation Below
6:15	60	0.0000	0.0000	2:05	119	0.1229	122.8795	6:15	N/A	0	0.0000	6:15	39	0.0016	1.6132	*See Field Investigation Below
6:30	60	0.0001	0.0510	2:10	119	0.1179	117.8504	6:30	N/A	0	0.0000	6:30	39	0.0015	1.4547	
6:45	60	0.0001	0.0841	2:15	119	0.1183	118.3243	6:45	N/A	0	0.0000	6:45	39	0.0022	2.1708	
7:00	60	0.0000	0.0000	2:20	119	0.1180	117.9951	7:00	N/A	0	0.0000	7:00	39	0.0039	3.9362	
7:15	60	0.0000	0.0000	2:25	119	0.1181	118.0608	7:15	N/A	0	0.0000	7:15	39	0.0016	1.5532	
7:30	60	0.0000	0.0000	2:30	119	0.1182	118.2028	7:30	N/A	0	0.0000	7:30	39	0.0006	0.6289	
7:45	60	0.0000	0.0000	2:45	119	0.1183	118.3142	7:45	N/A	0	0.0000	7:45	39	0.0008	0.7888	
8:00	60	0.0000	0.0000	3:00	119	0.1181	118.1229	8:00	N/A	0	0.0000	8:00	39	0.0008	0.8299	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.3	0	0	0	0.37
04	0	0	0	0	0

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/21/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/21/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/21/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/21/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0000	0.0066	0:00	119	0.1144	114.4117	0:00	N/A	0	0.0000	0:00	39	0.0075	7.5076	
0:15	60	0.0009	0.8695	0:15	119	0.1153	115.2548	0:15	N/A	0	0.0000	0:15	39	0.0070	7.0214	
0:30	60	0.0016	1.6163	0:30	119	0.1154	115.4241	0:30	N/A	0	0.0000	0:30	39	0.0068	6.7931	
0:45	60	0.0021	2.0973	0:45	119	0.1155	115.5118	0:45	N/A	0	0.0000	0:45	39	0.0060	5.9967	
1:00	60	0.0000	0.0489	1:00	119	0.1150	115.0063	1:00	N/A	0	0.0000	1:00	39	0.0055	5.5467	
1:15	60	0.0000	0.0000	1:15	119	0.1159	115.9202	1:15	N/A	0	0.0000	1:15	39	0.0059	5.8781	
1:30	60	0.0000	0.0000	1:30	119	0.1185	118.4852	1:30	N/A	0	0.0000	1:30	39	0.0078	7.7588	
1:45	60	0.0026	2.6010	1:35	119	0.1243	124.2708	1:45	N/A	0	0.0000	1:45	39	0.0081	8.0507	*See Field Investigation Below
2:00	60	0.0003	0.2539	1:40	119	0.1210	121.0228	2:00	N/A	0	0.0000	2:00	39	0.0054	5.4226	*See Field Investigation Below
2:15	60	0.0002	0.2139	1:45	119	0.1178	117.8447	2:15	N/A	0	0.0000	2:15	39	0.0033	3.3465	
2:30	60	0.0000	0.0394	1:50	119	0.1190	118.9742	2:30	N/A	0	0.0000	2:30	39	0.0031	3.0963	
2:45	60	0.0011	1.1308	1:55	119	0.1184	118.4138	2:45	N/A	0	0.0000	2:45	39	0.0030	2.9891	
3:00	60	0.0002	0.2354	2:00	119	0.1171	117.1073	3:00	N/A	0	0.0000	3:00	39	0.0024	2.4080	
3:15	60	0.0000	0.0199	2:45	119	0.1181	118.0996	3:15	N/A	0	0.0000	3:15	39	0.0024	2.3806	
3:30	60	0.0003	0.3026	3:00	119	0.1189	118.9299	3:30	N/A	0	0.0000	3:30	39	0.0024	2.3625	
3:45	60	0.0001	0.0558	3:15	119	0.1189	118.8842	3:45	N/A	0	0.0000	3:45	39	0.0016	1.5839	
4:00	60	0.0000	0.0000	3:30	119	0.1184	118.4477	4:00	N/A	0	0.0000	4:00	39	0.0009	0.8928	
4:15	60	0.0000	0.0000	3:45	119	0.1188	118.7785	4:15	N/A	0	0.0000	4:15	39	0.0006	0.6114	
4:30	60	0.0000	0.0000	4:00	119	0.1176	117.5992	4:30	N/A	0	0.0000	4:30	39	0.0012	1.1720	
4:45	60	0.0000	0.0000	4:15	119	0.1168	116.7531	4:45	N/A	0	0.0000	4:45	39	0.0012	1.1788	
5:00	60	0.0000	0.0000	4:30	119	0.1177	117.6526	5:00	N/A	0	0.0000	5:00	39	0.0003	0.3027	
5:15	60	0.0000	0.0000	4:45	119	0.1180	118.0396	5:15	N/A	0	0.0000	5:15	39	0.0001	0.1072	
5:30	60	0.0000	0.0000	5:00	119	0.1185	118.5136	5:30	N/A	0	0.0000	5:30	39	0.0011	1.1471	
5:45	60	0.0000	0.0000	5:15	119	0.1190	118.9772	5:45	N/A	0	0.0000	5:45	39	0.0012	1.1553	
6:00	60	0.0013	1.3145	5:30	119	0.1185	118.4907	6:00	N/A	0	0.0000	6:00	39	0.0005	0.4689	
6:15	60	0.0004	0.4498	5:45	119	0.1180	118.0176	6:15	N/A	0	0.0000	6:15	39	0.0009	0.9277	
6:30	60	0.0000	0.0000	6:00	119	0.1187	118.6816	6:30	N/A	0	0.0000	6:30	39	0.0017	1.7111	
6:45	60	0.0000	0.0000	6:15	119	0.1201	120.0774	6:45	N/A	0	0.0000	6:45	39	0.0017	1.6581	*See Field Investigation Below
7:00	60	0.0000	0.0000	6:20	119	0.1204	120.4107	7:00	N/A	0	0.0000	7:00	39	0.0006	0.6433	*See Field Investigation Below
7:15	60	0.0000	0.0000	6:25	119	0.1192	119.1823	7:15	N/A	0	0.0000	7:15	39	0.0004	0.4164	*See Field Investigation Below
7:30	60	0.0000	0.0000	6:30	119	0.1185	118.5365	7:30	N/A	0	0.0000	7:30	39	0.0011	1.0832	
7:45	60	0.0000	0.0000	6:35	119	0.1188	118.8033	7:45	N/A	0	0.0000	7:45	39	0.0010	1.0450	
8:00	60	0.0000	0.0000	6:40	119	0.1193	119.2791	8:00	N/A	0	0.0000	8:00	39	0.0033	3.3179	*See Field Investigation Below

21:30	60	0.0000	0.0000	11:10	119	0.1286	128.6066	21:30	N/A	0	0.0000	19:00	39	0.0202	20.1820	*See Field Investigation Below
21:45	60	0.0000	0.0000	11:15	119	0.1332	133.1708	21:45	N/A	0	0.0000	19:05	39	0.0217	21.6890	*See Field Investigation Below
22:00	60	0.0000	0.0000	11:20	119	0.1291	129.0556	22:00	N/A	0	0.0000	19:10	39	0.0227	22.7140	*See Field Investigation Below
22:15	60	0.0000	0.0000	11:25	119	0.1255	125.5358	22:15	N/A	0	0.0000	19:15	39	0.0232	23.2036	*See Field Investigation Below
22:30	60	0.0000	0.0000	11:30	119	0.1322	132.2219	22:30	N/A	0	0.0000	19:20	39	0.0234	23.4241	*See Field Investigation Below
22:45	60	0.0000	0.0000	11:35	119	0.1350	135.0136	22:45	N/A	0	0.0000	19:25	39	0.0238	23.8267	*See Field Investigation Below
23:00	60	0.0000	0.0000	11:40	119	0.1281	128.1131	23:00	N/A	0	0.0000	19:30	39	0.0245	24.4807	*See Field Investigation Below
23:15	60	0.0000	0.0000	11:45	119	0.1335	133.4863	23:15	N/A	0	0.0000	19:35	39	0.0259	25.8763	*See Field Investigation Below
23:30	60	0.0000	0.0000	11:50	119	0.1314	131.4173	23:30	N/A	0	0.0000	19:40	39	0.0179	17.8956	*See Field Investigation Below
23:45	60	0.0000	0.0000	11:55	119	0.1321	132.1411	23:45	N/A	0	0.0000	19:45	39	0.0319	31.8919	*See Field Investigation Below
				12:00	119	0.1316	131.63474					20:00	39	0.0219	21.853545	*See Field Investigation Below
				12:05	119	0.1317	131.68473					20:15	39	0.0115	11.474889	*See Field Investigation Below
				12:10	119	0.1345	134.49055					20:30	39	0.0016	1.6051369	*See Field Investigation Below
				12:15	119	0.0874	87.40651					20:45	39	0.0000	0	*See Field Investigation Below
				12:20	119	0.0435	43.540781					21:00	39	0.0000	0	*See Field Investigation Below
				12:25	119	0.1368	136.84377					21:15	39	0.0000	0	*See Field Investigation Below
				12:30	119	0.1450	145.0256					21:30	39	0.0000	0	*See Field Investigation Below
				12:35	119	0.1468	146.76215					21:45	39	0.0000	0	*See Field Investigation Below
				12:40	119	0.1398	139.77042					22:00	39	0.0000	0	*See Field Investigation Below
				12:45	119	0.1354	135.40075					22:15	39	0.0000	0	*See Field Investigation Below
				12:50	119	0.1354	135.36596					22:30	39	0.0000	0	*See Field Investigation Below
				12:55	119	0.1364	136.39809					22:45	39	0.0000	0	*See Field Investigation Below
				13:00	119	0.1365	136.492					23:00	39	0.0000	0	*See Field Investigation Below
				13:05	119	0.1400	140.0292					23:15	39	0.0000	0	*See Field Investigation Below
				13:10	119	0.1406	140.62032					23:30	39	0.0000	0	*See Field Investigation Below
				13:15	119	0.1423	142.33659					23:45	39	0.0000	0	*See Field Investigation Below
				13:20	119	0.1397	139.66922									*See Field Investigation Below
				13:25	119	0.1439	143.89209									*See Field Investigation Below
				13:30	119	0.1493	149.25058									*See Field Investigation Below
				13:35	119	0.1450	144.9857									*See Field Investigation Below
				13:40	119	0.1423	142.27644									*See Field Investigation Below
				13:45	119	0.1456	145.57706									*See Field Investigation Below
				13:50	119	0.1441	144.07968									*See Field Investigation Below
				13:55	119	0.1420	141.97696									*See Field Investigation Below
				14:00	119	0.1491	149.10626									*See Field Investigation Below
				14:05	119	0.1512	151.1678									*See Field Investigation Below
				14:10	119	0.1495	149.45339									*See Field Investigation Below
				14:15	119	0.1429	142.85634									*See Field Investigation Below
				14:20	119	0.1390	139.03353									*See Field Investigation Below
				14:25	119	0.1390	139.04748									*See Field Investigation Below
				14:30	119	0.1397	139.74973									*See Field Investigation Below
				14:35	119	0.1451	145.0621									*See Field Investigation Below
				14:40	119	0.1481	148.07847									*See Field Investigation Below
				14:45	119	0.1480	147.99065									*See Field Investigation Below
				14:50	119	0.1436	143.57558									*See Field Investigation Below
				14:55	119	0.1443	144.26037									*See Field Investigation Below
				15:00	119	0.1410	141.02299									*See Field Investigation Below
				15:05	119	0.1392	139.20219									*See Field Investigation Below
				15:10	119	0.1406	140.63891									*See Field Investigation Below
				15:15	119	0.1389	138.86027									*See Field Investigation Below
				15:20	119	0.1384	138.43753									*See Field Investigation Below
				15:25	119	0.1399	139.9498									*See Field Investigation Below
				15:30	119	0.1399	139.9418									*See Field Investigation Below



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.25	0	0	0	0.52
04	0	0	0	0	0

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/22/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/22/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/22/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/22/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0001	0.0911	0:00	119	0.1213	121.3296	0:00	N/A	0	0.0000	0:00	39	0.0000	0.0000	*See Field Investigation Below
0:15	60	0.0004	0.4314	0:05	119	0.1199	119.8736	0:15	N/A	0	0.0000	0:15	39	0.0000	0.0018	*See Field Investigation Below
0:30	60	0.0006	0.5992	0:10	119	0.1196	119.5628	0:30	N/A	0	0.0000	0:30	39	0.0000	0.0395	*See Field Investigation Below
0:45	60	0.0005	0.5421	0:15	119	0.1186	118.5683	0:45	N/A	0	0.0000	0:45	39	0.0000	0.0009	
1:00	60	0.0003	0.2689	0:20	119	0.1286	128.5630	1:00	N/A	0	0.0000	1:00	39	0.0000	0.0000	*See Field Investigation Below
1:15	60	0.0007	0.6533	0:25	119	0.1211	121.1399	1:15	N/A	0	0.0000	1:15	39	0.0000	0.0000	*See Field Investigation Below
1:30	60	0.0007	0.7297	0:30	119	0.1202	120.1669	1:30	N/A	0	0.0000	1:30	39	0.0000	0.0000	*See Field Investigation Below
1:45	60	0.0023	2.2563	0:35	119	0.1202	120.2003	1:45	N/A	0	0.0000	1:45	39	0.0000	0.0000	*See Field Investigation Below
2:00	60	0.0011	1.0514	0:40	119	0.1202	120.2276	2:00	N/A	0	0.0000	2:00	39	0.0000	0.0000	*See Field Investigation Below
2:15	60	0.0029	2.8912	0:45	119	0.1206	120.6110	2:15	N/A	0	0.0000	2:15	39	0.0000	0.0000	*See Field Investigation Below
2:30	60	0.0005	0.5178	0:50	119	0.1198	119.7861	2:30	N/A	0	0.0000	2:30	39	0.0000	0.0000	*See Field Investigation Below
2:45	60	0.0000	0.0000	0:55	119	0.1194	119.3679	2:45	N/A	0	0.0000	2:45	39	0.0000	0.0000	*See Field Investigation Below
3:00	60	0.0000	0.0000	1:00	119	0.1188	118.8207	3:00	N/A	0	0.0000	3:00	39	0.0000	0.0000	
3:15	60	0.0000	0.0000	1:05	119	0.1191	119.0980	3:15	N/A	0	0.0000	3:15	39	0.0000	0.0000	*See Field Investigation Below
3:30	60	0.0001	0.0931	1:10	119	0.1186	118.5647	3:30	N/A	0	0.0000	3:30	39	0.0000	0.0000	
3:45	60	0.0004	0.4309	1:15	119	0.1192	119.2108	3:45	N/A	0	0.0000	3:45	39	0.0000	0.0000	*See Field Investigation Below
4:00	60	0.0000	0.0154	1:20	119	0.1192	119.2042	4:00	N/A	0	0.0000	4:00	39	0.0000	0.0000	*See Field Investigation Below
4:15	60	0.0024	2.4113	1:25	119	0.1194	119.4063	4:15	N/A	0	0.0000	4:15	39	0.0000	0.0000	*See Field Investigation Below
4:30	60	0.0141	14.0768	1:30	119	0.1188	118.7557	4:30	N/A	0	0.0000	4:30	39	0.0000	0.0000	
4:45	60	0.0309	30.9332	1:35	119	0.1198	119.7631	4:45	N/A	0	0.0000	4:45	39	0.0000	0.0000	*See Field Investigation Below
5:00	60	0.0000	0.0000	1:40	119	0.1191	119.0897	5:00	N/A	0	0.0000	5:00	39	0.0000	0.0000	*See Field Investigation Below
5:15	60	0.0000	0.0000	1:45	119	0.1189	118.9478	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	
5:30	60	0.0000	0.0000	2:00	119	0.1181	118.1396	5:30	N/A	0	0.0000	5:30	39	0.0000	0.0000	
5:45	60	0.0001	0.0654	2:15	119	0.1180	118.0081	5:45	N/A	0	0.0000	5:45	39	0.0000	0.0000	
6:00	60	0.0007	0.6922	2:30	119	0.1181	118.1450	6:00	N/A	0	0.0000	6:00	39	0.0000	0.0000	
6:15	60	0.0014	1.4146	2:45	119	0.1186	118.5540	6:15	N/A	0	0.0000	6:15	39	0.0000	0.0000	
6:30	60	0.0008	0.8118	3:00	119	0.1178	117.8111	6:30	N/A	0	0.0000	6:30	39	0.0000	0.0000	
6:45	60	0.0000	0.0000	3:15	119	0.1183	118.3443	6:45	N/A	0	0.0000	6:45	39	0.0000	0.0000	
7:00	60	0.0000	0.0000	3:30	119	0.1193	119.2899	7:00	N/A	0	0.0000	7:00	39	0.0000	0.0000	*See Field Investigation Below
7:15	60	0.0000	0.0000	3:35	119	0.1202	120.2119	7:15	N/A	0	0.0000	7:15	39	0.0000	0.0000	*See Field Investigation Below
7:30	60	0.0000	0.0000	3:40	119	0.1191	119.1208	7:30	N/A	0	0.0000	7:30	39	0.0000	0.0000	*See Field Investigation Below
7:45	60	0.0000	0.0000	3:45	119	0.1196	119.5961	7:45	N/A	0	0.0000	7:45	39	0.0000	0.0000	*See Field Investigation Below
8:00	60	0.0000	0.0000	3:50	119	0.1190	118.9618	8:00	N/A	0.0003292	0.3292	8:00	39	0.0000	0.0000	

21:30	60	0.0000	0.0000	11:00	119	0.1069	106.9499	21:30	N/A	0	0.0000	16:20	39	0.0460	45.9584	*See Field Investigation Below
21:45	60	0.0000	0.0000	11:15	119	0.1153	115.3413	21:45	N/A	0	0.0000	16:25	39	0.0473	47.3083	*See Field Investigation Below
22:00	60	0.0000	0.0000	11:20	119	0.1279	127.9043	22:00	N/A	0	0.0000	16:30	39	0.0485	48.4776	*See Field Investigation Below
22:15	60	0.0000	0.0000	11:25	119	0.1273	127.3341	22:15	N/A	0	0.0000	16:35	39	0.0501	50.1191	*See Field Investigation Below
22:30	60	0.0000	0.0000	11:30	119	0.1277	127.7253	22:30	N/A	0	0.0000	16:40	39	0.0507	50.7260	*See Field Investigation Below
22:45	60	0.0000	0.0000	11:35	119	0.1277	127.6918	22:45	N/A	0	0.0000	16:45	39	0.0470	47.0156	*See Field Investigation Below
23:00	60	0.0001	0.1104	11:40	119	0.1273	127.3112	23:00	N/A	0	0.0000	16:50	39	0.0457	45.7405	*See Field Investigation Below
23:15	60	0.0001	0.0552	11:45	119	0.1275	127.5051	23:15	N/A	0	0.0000	16:55	39	0.0450	45.0348	*See Field Investigation Below
23:30	60	0.0000	0.0000	11:50	119	0.1276	127.6227	23:30	N/A	0	0.0000	17:00	39	0.0461	46.0677	*See Field Investigation Below
23:45	60	0.0000	0.0000	11:55	119	0.1274	127.4036	23:45	N/A	0	0.0000	17:05	39	0.0508	50.7687	*See Field Investigation Below
				12:00	119	0.1279	127.92601					17:10	39	0.0388	38.801124	*See Field Investigation Below
				12:05	119	0.1274	127.37721					17:15	39	0.0541	54.050858	*See Field Investigation Below
				12:10	119	0.1271	127.14882					17:20	39	0.0544	54.362382	*See Field Investigation Below
				12:15	119	0.1271	127.14427					17:25	39	0.0547	54.726665	*See Field Investigation Below
				12:20	119	0.1274	127.42221					17:30	39	0.0552	55.246802	*See Field Investigation Below
				12:25	119	0.1277	127.66297					17:35	39	0.0553	55.2723	*See Field Investigation Below
				12:30	119	0.1276	127.63741					17:40	39	0.0553	55.326211	*See Field Investigation Below
				12:35	119	0.1278	127.75591					17:45	39	0.0555	55.490374	*See Field Investigation Below
				12:40	119	0.1280	128.02638					17:50	39	0.0559	55.870734	*See Field Investigation Below
				12:45	119	0.1280	127.95503					17:55	39	0.0561	56.113905	*See Field Investigation Below
				12:50	119	0.1281	128.10664					18:00	39	0.0562	56.245543	*See Field Investigation Below
				12:55	119	0.1281	128.14905					18:05	39	0.0566	56.554135	*See Field Investigation Below
				13:00	119	0.1282	128.17426					18:10	39	0.0562	56.230949	*See Field Investigation Below
				13:05	119	0.1280	127.96556					18:15	39	0.0564	56.389426	*See Field Investigation Below
				13:10	119	0.1280	127.96379					18:20	39	0.0562	56.200169	*See Field Investigation Below
				13:15	119	0.1283	128.3283					18:25	39	0.0561	56.143689	*See Field Investigation Below
				13:20	119	0.1275	127.52053					18:30	39	0.0563	56.256422	*See Field Investigation Below
				13:25	119	0.1269	126.91803					18:35	39	0.0561	56.121259	*See Field Investigation Below
				13:30	119	0.1271	127.11748					18:40	39	0.0557	55.702274	*See Field Investigation Below
				13:35	119	0.1263	126.31874					18:45	39	0.0555	55.512225	*See Field Investigation Below
				13:40	119	0.1260	126.03006					18:50	39	0.0555	55.515346	*See Field Investigation Below
				13:45	119	0.1259	125.93109					18:55	39	0.0551	55.102363	*See Field Investigation Below
				13:50	119	0.1259	125.87027					19:00	39	0.0544	54.444527	*See Field Investigation Below
				13:55	119	0.1260	125.95472					19:05	39	0.0541	54.108673	*See Field Investigation Below
				14:00	119	0.1262	126.16297					19:10	39	0.0533	53.321105	*See Field Investigation Below
				14:05	119	0.1262	126.18967					19:15	39	0.0518	51.812759	*See Field Investigation Below
				14:10	119	0.1261	126.05142					19:20	39	0.0498	49.831943	*See Field Investigation Below
				14:15	119	0.1257	125.73718					19:25	39	0.0472	47.178627	*See Field Investigation Below
				14:20	119	0.1256	125.61765					19:30	39	0.0445	44.466949	*See Field Investigation Below
				14:25	119	0.1257	125.73152					19:35	39	0.0416	41.626568	*See Field Investigation Below
				14:30	119	0.1198	119.82192					19:40	39	0.0381	38.053799	*See Field Investigation Below
				14:35	119	0.1145	114.48757					19:45	39	0.0352	35.227143	
				14:40	119	0.1182	118.22159					20:00	39	0.0308	30.823205	
				14:45	119	0.1257	125.70148					20:15	39	0.0251	25.131865	*See Field Investigation Below
				14:50	119	0.1255	125.47116					20:30	39	0.0209	20.906433	*See Field Investigation Below
				14:55	119	0.1254	125.43646					20:45	39	0.0178	17.816013	*See Field Investigation Below
				15:00	119	0.1258	125.77129					21:00	39	0.0154	15.413631	*See Field Investigation Below
				15:05	119	0.1262	126.15021					21:15	39	0.0131	13.071053	*See Field Investigation Below
				15:10	119	0.1261	126.09165					21:30	39	0.0112	11.237109	*See Field Investigation Below
				15:15	119	0.1255	125.47734					21:45	39	0.0093	9.2705565	*See Field Investigation Below
				15:20	119	0.1250	125.04915					22:00	39	0.0079	7.8599016	*See Field Investigation Below
				15:25	119	0.1250	124.96367					22:15	39	0.0062	6.2363779	*See Field Investigation Below
				15:30	119	0.1249	124.93887					22:30	39	0.0037	3.6977372	*See Field Investigation Below

20:00	119	0.1205	120.5364
20:05	119	0.1205	120.53869
20:10	119	0.1204	120.43445
20:15	119	0.1203	120.31316
20:20	119	0.1202	120.19522
20:25	119	0.1199	119.87925
20:30	119	0.1196	119.59992
20:35	119	0.1195	119.48675
20:40	119	0.1191	119.07246
20:45	119	0.1187	118.70251
21:00	119	0.1182	118.21444
21:15	119	0.1176	117.58091
21:30	119	0.1171	117.13868
21:45	119	0.1168	116.83277
22:00	119	0.1167	116.67465
22:15	119	0.1167	116.69522
22:30	119	0.1167	116.6684
22:45	119	0.1185	118.52029
23:00	119	0.1172	117.24742
23:05	119	0.1165	116.48068
23:10	119	0.1161	116.14648
23:15	119	0.1182	118.23841
23:30	119	0.1163	116.32688
23:45	119	0.1162	116.18956

*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below
*See Field Investigation Below

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv

CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.13	0	0	0	0.25

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

05/23/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/23/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/23/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/23/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	60	0.0000	0.0000	0:00	119	0.1162	116.2000	0:00	N/A	0	0.0000	0:00	39	0.0000	0.0000	
0:15	60	0.0000	0.0000	0:15	119	0.1162	116.2206	0:15	N/A	0	0.0000	0:15	39	0.0000	0.0000	
0:30	60	0.0000	0.0000	0:30	119	0.1165	116.5326	0:30	N/A	0	0.0000	0:30	39	0.0000	0.0000	
0:45	60	0.0000	0.0000	0:45	119	0.1167	116.7295	0:45	N/A	0	0.0000	0:45	39	0.0000	0.0000	
1:00	60	0.0000	0.0000	1:00	119	0.1166	116.6164	1:00	N/A	0	0.0000	1:00	39	0.0000	0.0000	
1:15	60	0.0000	0.0000	1:15	119	0.1167	116.6671	1:15	N/A	0	0.0000	1:15	39	0.0000	0.0000	
1:30	60	0.0005	0.4545	1:30	119	0.1181	118.1473	1:30	N/A	0	0.0000	1:30	39	0.0001	0.0824	
1:45	60	0.0003	0.3322	1:45	119	0.1188	118.7607	1:45	N/A	0	0.0000	1:45	39	0.0006	0.6104	
2:00	60	0.0000	0.0000	2:00	119	0.1172	117.1852	2:00	N/A	0	0.0000	2:00	39	0.0000	0.0000	
2:15	60	0.0000	0.0000	2:15	119	0.1170	117.0398	2:15	N/A	0	0.0000	2:15	39	0.0000	0.0000	
2:30	60	0.0000	0.0000	2:30	119	0.1175	117.5333	2:30	N/A	0	0.0000	2:30	39	0.0000	0.0000	
2:45	60	0.0009	0.9370	2:35	119	0.1179	117.8680	2:45	N/A	0	0.0000	2:45	39	0.0002	0.1597	
3:00	60	0.0026	2.6291	2:40	119	0.1178	117.7700	3:00	N/A	0	0.0000	3:00	39	0.0013	1.3488	
3:15	60	0.0013	1.3449	2:45	119	0.1229	122.9097	3:15	N/A	0	0.0000	3:15	39	0.0006	0.6064	*See Field Investigation Below
3:30	60	0.0000	0.0000	2:50	119	0.1272	127.2271	3:30	N/A	0	0.0000	3:30	39	0.0001	0.0500	*See Field Investigation Below
3:45	60	0.0000	0.0000	2:55	119	0.1266	126.5834	3:45	N/A	0	0.0000	3:45	39	0.0010	1.0015	*See Field Investigation Below
4:00	60	0.0000	0.0000	3:00	119	0.1273	127.3298	4:00	N/A	0	0.0000	4:00	39	0.0000	0.0000	*See Field Investigation Below
4:15	60	0.0000	0.0000	3:05	119	0.1208	120.7569	4:15	N/A	0	0.0000	4:15	39	0.0000	0.0000	*See Field Investigation Below
4:30	60	0.0000	0.0000	3:10	119	0.1174	117.3612	4:30	N/A	0	0.0000	4:30	39	0.0000	0.0000	
4:45	60	0.0000	0.0000	3:15	119	0.1160	116.0197	4:45	N/A	0	0.0000	4:45	39	0.0000	0.0000	
5:00	60	0.0000	0.0000	3:20	119	0.1158	115.7541	5:00	N/A	0	0.0000	5:00	39	0.0000	0.0000	
5:15	60	0.0000	0.0000	3:25	119	0.1153	115.3401	5:15	N/A	0	0.0000	5:15	39	0.0000	0.0000	
5:30	60	0.0000	0.0000	3:30	119	0.1166	116.6453	5:30	N/A	0	0.0000	5:30	39	0.0000	0.0000	
5:45	60	0.0000	0.0000	3:45	119	0.1168	116.7609	5:45	N/A	0	0.0000	5:45	39	0.0000	0.0446	
6:00	60	0.0000	0.0000	4:00	119	0.1147	114.7409	6:00	N/A	0	0.0000	6:00	39	0.0010	1.0029	
6:15	60	0.0000	0.0000	4:15	119	0.1148	114.7740	6:15	N/A	0	0.0000	6:15	39	0.0002	0.2479	
6:30	60	0.0000	0.0000	4:30	119	0.1143	114.3147	6:30	N/A	0	0.0000	6:30	39	0.0006	0.6211	
6:45	60	0.0013	1.3438	4:45	119	0.1141	114.1462	6:45	N/A	0	0.0000	6:45	39	0.0014	1.3528	
7:00	60	0.0015	1.4783	5:00	119	0.1139	113.9241	7:00	N/A	0	0.0000	7:00	39	0.0016	1.5925	
7:15	60	0.0000	0.0000	5:15	119	0.1133	113.2677	7:15	N/A	0	0.0000	7:15	39	0.0004	0.4064	
7:30	60	0.0000	0.0000	5:30	119	0.1122	112.1950	7:30	N/A	0	0.0000	7:30	39	0.0000	0.0336	
7:45	60	0.0000	0.0000	5:45	119	0.1108	110.7792	7:45	N/A	0	0.0000	7:45	39	0.0000	0.0000	
8:00	60	0.0000	0.0000	6:00	119	0.1110	111.0132	8:00	N/A	0	0.0000	8:00	39	0.0000	0.0000	
8:15	60	0.0000	0.0000	6:15	119	0.1099	109.9264	8:15	N/A	0	0.0000	8:15	39	0.0000	0.0000	
8:30	60	0.0000	0.0000	6:30	119	0.1089	108.9113	8:30	N/A	0	0.0000	8:30	39	0.0003	0.3243	

22:00	60	0.0000	0.0496	20:00	119	0.0737	73.6623	22:00	N/A	0	0.0000	21:30	39	0.0081	8.0904	
22:15	60	0.0011	1.0670	20:15	119	0.0798	79.8375	22:15	N/A	0	0.0000	21:45	39	0.0040	3.9744	
22:30	60	0.0005	0.4718	20:30	119	0.0883	88.3417	22:30	N/A	0	0.0000	22:00	39	0.0007	0.6793	
22:45	60	0.0041	4.0599	20:45	119	0.0898	89.7538	22:45	N/A	0	0.0000	22:15	39	0.0000	0.0000	
23:00	60	0.0000	0.0000	21:00	119	0.0900	90.0162	23:00	N/A	0	0.0000	22:30	39	0.0002	0.2433	
23:15	60	0.0000	0.0244	21:15	119	0.0886	88.6025	23:15	N/A	0	0.0000	22:45	39	0.0003	0.3407	
23:30	60	0.0006	0.5822	21:30	119	0.0874	87.3770	23:30	N/A	0	0.0000	23:00	39	0.0000	0.0000	
23:45	60	0.0013	1.2705	21:45	119	0.0872	87.2338	23:45	N/A	0	0.0000	23:15	39	0.0000	0.0000	
				22:00	119	0.0868	86.844019					23:30	39	0.0000	0	
				22:15	119	0.0867	86.684936					23:45	39	0.0000	0	
				22:30	119	0.0871	87.144772									
				22:45	119	0.0889	88.896779									
				23:00	119	0.0889	88.91952									
				23:15	119	0.0887	88.661662									
				23:30	119	0.0897	89.743448									
				23:45	119	0.0897	89.726831									

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

05/24/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/24/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/24/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/24/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	54	0.0022	2.2148	0:00	131	0.0904	90.4230	0:00	N/A	0	0.0000	0:00	35	0.0000	0.0000	
0:15	54	0.0001	0.0534	0:15	131	0.0902	90.1774	0:15	N/A	0	0.0000	0:15	35	0.0000	0.0000	
0:30	54	0.0015	1.4705	0:30	131	0.0901	90.1307	0:30	N/A	0	0.0000	0:30	35	0.0000	0.0000	
0:45	54	0.0002	0.2225	0:45	131	0.0907	90.7100	0:45	N/A	0	0.0000	0:45	35	0.0000	0.0000	
1:00	54	0.0003	0.3060	1:00	131	0.0919	91.9010	1:00	N/A	0	0.0000	1:00	35	0.0000	0.0000	
1:15	54	0.0000	0.0086	1:15	131	0.0932	93.2306	1:15	N/A	0	0.0000	1:15	35	0.0000	0.0000	
1:30	54	0.0016	1.5920	1:30	131	0.0928	92.8396	1:30	N/A	0	0.0000	1:30	35	0.0000	0.0000	
1:45	54	0.0017	1.7228	1:45	131	0.0926	92.6165	1:45	N/A	0	0.0000	1:45	35	0.0000	0.0000	
2:00	54	0.0000	0.0400	2:00	131	0.0936	93.6375	2:00	N/A	0	0.0000	2:00	35	0.0000	0.0000	
2:15	54	0.0000	0.0000	2:15	131	0.0946	94.5794	2:15	N/A	0	0.0000	2:15	35	0.0000	0.0000	
2:30	54	0.0000	0.0000	2:30	131	0.0944	94.3508	2:30	N/A	0	0.0000	2:30	35	0.0000	0.0000	
2:45	54	0.0000	0.0000	2:45	131	0.0939	93.8576	2:45	N/A	0	0.0000	2:45	35	0.0000	0.0000	
3:00	54	0.0006	0.5618	3:00	131	0.0935	93.5185	3:00	N/A	0	0.0000	3:00	35	0.0000	0.0000	
3:15	54	0.0001	0.0554	3:15	131	0.0939	93.8600	3:15	N/A	0	0.0000	3:15	35	0.0000	0.0000	
3:30	54	0.0000	0.0014	3:30	131	0.0947	94.6733	3:30	N/A	0	0.0000	3:30	35	0.0000	0.0000	
3:45	54	0.0014	1.4248	3:45	131	0.0943	94.3179	3:45	N/A	0	0.0000	3:45	35	0.0000	0.0000	
4:00	54	0.0025	2.5042	4:00	131	0.0930	93.0370	4:00	N/A	0	0.0000	4:00	35	0.0000	0.0000	
4:15	54	0.0002	0.2318	4:15	131	0.0936	93.5565	4:15	N/A	0	0.0000	4:15	35	0.0000	0.0000	
4:30	54	0.0003	0.2785	4:30	131	0.0950	94.9544	4:30	N/A	0	0.0000	4:30	35	0.0000	0.0000	
4:45	54	0.0031	3.0500	4:45	131	0.0943	94.2720	4:45	N/A	0	0.0000	4:45	35	0.0000	0.0000	
5:00	54	0.0019	1.9284	5:00	131	0.0928	92.8074	5:00	N/A	0	0.0000	5:00	35	0.0000	0.0000	
5:15	54	0.0014	1.3685	5:15	131	0.0921	92.1367	5:15	N/A	0	0.0000	5:15	35	0.0000	0.0000	
5:30	54	0.0002	0.2042	5:30	131	0.0927	92.7192	5:30	N/A	0	0.0000	5:30	35	0.0000	0.0000	
5:45	54	0.0016	1.6069	5:45	131	0.0942	94.2057	5:45	N/A	0	0.0000	5:45	35	0.0000	0.0000	
6:00	54	0.0011	1.0740	6:00	131	0.0949	94.8659	6:00	N/A	0	0.0000	6:00	35	0.0000	0.0000	
6:15	54	0.0008	0.8124	6:15	131	0.0946	94.6139	6:15	N/A	0	0.0000	6:15	35	0.0000	0.0000	
6:30	54	0.0012	1.2291	6:30	131	0.0954	95.3710	6:30	N/A	0	0.0000	6:30	35	0.0000	0.0000	
6:45	54	0.0001	0.1166	6:45	131	0.0962	96.2187	6:45	N/A	0	0.0000	6:45	35	0.0000	0.0000	
7:00	54	0.0000	0.0000	7:00	131	0.0961	96.1105	7:00	N/A	0	0.0000	7:00	35	0.0000	0.0005	
7:15	54	0.0000	0.0000	7:15	131	0.0953	95.3355	7:15	N/A	0	0.0000	7:15	35	0.0000	0.0112	
7:30	54	0.0000	0.0000	7:30	131	0.0945	94.4713	7:30	N/A	0	0.0000	7:30	35	0.0000	0.0000	
7:45	54	0.0000	0.0000	7:45	131	0.0938	93.8136	7:45	N/A	0	0.0000	7:45	35	0.0001	0.1137	
8:00	54	0.0030	2.9568	8:00	131	0.0993	99.2998	8:00	N/A	0	0.0000	8:00	35	0.0028	2.8232	
8:15	54	0.0045	4.5177	8:15	131	0.1043	104.2796	8:15	N/A	0	0.0000	8:15	35	0.0081	8.0730	
8:30	54	0.0026	2.6205	8:30	131	0.1020	102.0425	8:30	N/A	0	0.0000	8:30	35	0.0010	1.0261	
8:45	54	0.0056	5.6082	8:45	131	0.1061	106.0720	8:45	N/A	0	0.0000	8:45	35	0.0092	9.2404	
9:00	54	0.0062	6.1771	9:00	131	0.1076	107.6198	9:00	N/A	0	0.0000	9:00	35	0.0089	8.9385	
9:15	54	0.0052	5.1884	9:15	131	0.1074	107.4111	9:15	N/A	0	0.0000	9:15	35	0.0093	9.3105	
9:30	54	0.0053	5.2602	9:30	131	0.1070	106.9588	9:30	N/A	0	0.0000	9:30	35	0.0114	11.3821	
9:45	54	0.0022	2.2284	9:45	131	0.1052	105.1813	9:45	N/A	0	0.0000	9:45	35	0.0106	10.5768	
10:00	54	0.0014	1.4343	10:00	131	0.1035	103.4921	10:00	N/A	0	0.0000	10:00	35	0.0109	10.8904	
10:15	54	0.0004	0.4263	10:15	131	0.1038	103.7861	10:15	N/A	0.0003164	0.3164	10:15	35	0.0124	12.3807	

23:45	54	0.0011	1.1237	23:45	131	0.0743	74.3473	23:45	N/A	0	0.0000	18:45	35	0.0187	18.7463	
												19:00	35	0.0155	15.487807	
												19:15	35	0.0165	16.549882	
												19:30	35	0.0208	20.832811	
												19:45	35	0.0238	23.782295	
												20:00	35	0.0582	58.195006	*See Field Investigation Below
												20:05	35	0.0571	57.13892	*See Field Investigation Below
												20:10	35	0.0565	56.524586	*See Field Investigation Below
												20:15	35	0.0551	55.062572	*See Field Investigation Below
												20:20	35	0.0532	53.227981	*See Field Investigation Below
												20:25	35	0.0502	50.216175	*See Field Investigation Below
												20:30	35	0.0453	45.281732	*See Field Investigation Below
												20:35	35	0.0405	40.485372	*See Field Investigation Below
												20:40	35	0.0369	36.889717	*See Field Investigation Below
												20:45	35	0.0320	32.037487	
												20:50	35	0.0273	27.343497	
												20:55	35	0.0236	23.583512	
												21:00	35	0.0242	24.231152	
												21:15	35	0.0176	17.60977	
												21:30	35	0.0137	13.659164	
												21:45	35	0.0103	10.324082	
												22:00	35	0.0076	7.5513244	
												22:15	35	0.0061	6.0884755	
												22:30	35	0.0035	3.5050254	
												22:45	35	0.0008	0.7951132	
												23:00	35	0.0001	0.1227086	
												23:15	35	0.0000	0	
												23:30	35	0.0000	0	
												23:45	35	0.0000	0	

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Continuous Air Monitoring System Action Level Revision History			
CAMS ID	Initial Action	Date	Reason for Revision.
CAMS 01	56 ppb	Original	NA
CAMS 02	63 ppb	Original	NA
CAMS 03	NA	NA	NA
CAMS 04	46 ppb	Original	NA
CAMS ID	Revised Action	Date	Reason for Revision.
CAMS 01	62 ppb	9/29/2023	Revision for August Actuation Air For Settlement Agreement
CAMS 02	69 ppb	9/29/2023	Revision for August Actuation Air For Settlement Agreement
CAMS 04	53 ppb	9/29/2023	Revision for August Actuation Air For Settlement Agreement
CAMS 01	68 ppb	10/26/2023	Revision for September Actuation Air For Settlement Agreement
CAMS 02	76 ppb	10/26/2023	Revision for September Actuation Air For Settlement Agreement
CAMS 01	75 ppb	11/28/2023	Revision for October Actuation Air For Settlement Agreement
CAMS 02	84 ppb	11/28/2023	Revision for October Actuation Air For Settlement Agreement
CAMS 04	58 ppb	11/28/2023	Revision for October Actuation Air For Settlement Agreement
CAMS 01	83 ppb	12/22/2023	Revision for November Actuation Air For Settlement Agreement
CAMS 02	92 ppb	1/30/2024	Revision for December Actuation Air For Settlement Agreement

CAMS 04	52 pgs	1/30/2024	Revision for December Actuators Ar For Settlement Agreement
CAMS 01	75 pgs	2/29/2024	Revision for January Actuators Ar For Settlement Agreement
CAMS 02	99 pgs	2/29/2024	Revision for January Actuators Ar For Settlement Agreement
CAMS 04	48 pgs	2/29/2024	Revision for January Actuators Ar For Settlement Agreement
CAMS 01	67 pgs	3/27/2024	Revision for February Actuators Ar For Settlement Agreement
CAMS 02	108 pgs	3/27/2024	Revision for February Actuators Ar For Settlement Agreement
CAMS 04	43 pgs	3/27/2024	Revision for February Actuators Ar For Settlement Agreement
CAMS 01	60 pgs	4/24/2024	Revision for March Actuators Ar For Settlement Agreement
CAMS 02	119 pgs	4/24/2024	Revision for March Actuators Ar For Settlement Agreement
CAMS 04	39 pgs	4/24/2024	Revision for March Actuators Ar For Settlement Agreement
CAMS 01	54 pgs	5/24/2024	Revision for April Actuators Ar For Settlement Agreement
CAMS 02	131 pgs	5/24/2024	Revision for April Actuators Ar For Settlement Agreement
CAMS 04	35 pgs	5/24/2024	Revision for April Actuators Ar For Settlement Agreement



Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

05/25/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/25/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/25/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/25/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	54	0.0000	0.0000	0:00	131	0.0730	73.0329	0:00	N/A	0	0.0000	0:00	35	0.0000	0.0000	
0:15	54	0.0002	0.1862	0:15	131	0.0726	72.6167	0:15	N/A	0	0.0000	0:15	35	0.0000	0.0000	
0:30	54	0.0008	0.7628	0:30	131	0.0724	72.4051	0:30	N/A	0	0.0000	0:30	35	0.0000	0.0000	
0:45	54	0.0008	0.8316	0:45	131	0.0727	72.6568	0:45	N/A	0	0.0000	0:45	35	0.0000	0.0000	
1:00	54	0.0001	0.1018	1:00	131	0.0743	74.2629	1:00	N/A	0	0.0000	1:00	35	0.0000	0.0000	
1:15	54	0.0004	0.3566	1:15	131	0.0753	75.3090	1:15	N/A	0	0.0000	1:15	35	0.0000	0.0000	
1:30	54	0.0009	0.9044	1:30	131	0.0737	73.7309	1:30	N/A	0	0.0000	1:30	35	0.0000	0.0000	
1:45	54	0.0012	1.1643	1:45	131	0.0729	72.9101	1:45	N/A	0	0.0000	1:45	35	0.0000	0.0000	
2:00	54	0.0000	0.0000	2:00	131	0.0730	73.0120	2:00	N/A	0	0.0000	2:00	35	0.0000	0.0000	
2:15	54	0.0000	0.0000	2:15	131	0.0750	75.0480	2:15	N/A	0	0.0000	2:15	35	0.0002	0.2446	
2:30	54	0.0000	0.0000	2:30	131	0.0729	72.9363	2:30	N/A	0	0.0000	2:30	35	0.0004	0.4030	
2:45	54	0.0000	0.0000	2:45	131	0.0730	72.9839	2:45	N/A	0	0.0000	2:45	35	0.0000	0.0000	
3:00	54	0.0000	0.0000	3:00	131	0.0731	73.0539	3:00	N/A	0	0.0000	3:00	35	0.0000	0.0000	
3:15	54	0.0001	0.1388	3:15	131	0.0739	73.9343	3:15	N/A	0	0.0000	3:15	35	0.0000	0.0000	
3:30	54	0.0006	0.6162	3:30	131	0.0738	73.8496	3:30	N/A	0	0.0000	3:30	35	0.0000	0.0000	
3:45	54	0.0006	0.5782	3:45	131	0.0743	74.2518	3:45	N/A	0	0.0000	3:45	35	0.0000	0.0000	
4:00	54	0.0000	0.0000	4:00	131	0.0741	74.1403	4:00	N/A	0	0.0000	4:00	35	0.0000	0.0000	
4:15	54	0.0000	0.0000	4:15	131	0.0740	74.0311	4:15	N/A	0	0.0000	4:15	35	0.0000	0.0000	
4:30	54	0.0000	0.0000	4:30	131	0.0742	74.1559	4:30	N/A	0	0.0000	4:30	35	0.0000	0.0000	
4:45	54	0.0000	0.0000	4:45	131	0.0746	74.5843	4:45	N/A	0	0.0000	4:45	35	0.0000	0.0000	
5:00	54	0.0000	0.0000	5:00	131	0.0748	74.8165	5:00	N/A	0	0.0000	5:00	35	0.0000	0.0000	
5:15	54	0.0000	0.0000	5:15	131	0.0750	74.9937	5:15	N/A	0	0.0000	5:15	35	0.0000	0.0000	
5:30	54	0.0004	0.3700	5:30	131	0.0751	75.0892	5:30	N/A	0	0.0000	5:30	35	0.0000	0.0000	
5:45	54	0.0011	1.1440	5:45	131	0.0752	75.1848	5:45	N/A	0	0.0000	5:45	35	0.0000	0.0000	
6:00	54	0.0000	0.0000	6:00	131	0.0757	75.7103	6:00	N/A	0	0.0000	6:00	35	0.0000	0.0000	
6:15	54	0.0003	0.3185	6:15	131	0.0763	76.2587	6:15	N/A	0	0.0000	6:15	35	0.0000	0.0000	
6:30	54	0.0015	1.4735	6:30	131	0.0769	76.9005	6:30	N/A	0	0.0000	6:30	35	0.0000	0.0000	
6:45	54	0.0000	0.0000	6:45	131	0.0777	77.7338	6:45	N/A	0	0.0000	6:45	35	0.0000	0.0000	
7:00	54	0.0000	0.0000	7:00	131	0.0781	78.1123	7:00	N/A	0	0.0000	7:00	35	0.0000	0.0000	
7:15	54	0.0000	0.0000	7:15	131	0.0784	78.4012	7:15	N/A	0	0.0000	7:15	35	0.0000	0.0000	
7:30	54	0.0000	0.0000	7:30	131	0.0790	79.0329	7:30	N/A	0	0.0000	7:30	35	0.0000	0.0000	
7:45	54	0.0004	0.4106	7:45	131	0.0815	81.4523	7:45	N/A	0	0.0000	7:45	35	0.0006	0.5550	
8:00	54	0.0014	1.3814	8:00	131	0.0852	85.2153	8:00	N/A	0	0.0000	8:00	35	0.0021	2.1066	
8:15	54	0.0001	0.0655	8:15	131	0.0840	83.9953	8:15	N/A	0	0.0000	8:15	35	0.0013	1.3270	
8:30	54	0.0006	0.6377	8:30	131	0.0847	84.6629	8:30	N/A	0	0.0000	8:30	35	0.0013	1.2815	
8:45	54	0.0013	1.3128	8:45	131	0.0868	86.8454	8:45	N/A	0	0.0000	8:45	35	0.0021	2.0775	
9:00	54	0.0029	2.8816	9:00	131	0.0895	89.5444	9:00	N/A	0	0.0000	9:00	35	0.0046	4.6144	
9:15	54	0.0043	4.2619	9:15	131	0.0930	93.0307	9:15	N/A	0	0.0000	9:15	35	0.0077	7.7197	
9:30	54	0.0016	1.6181	9:30	131	0.0894	89.3688	9:30	N/A	0	0.0000	9:30	35	0.0067	6.6688	
9:45	54	0.0000	0.0000	9:45	131	0.0859	85.8675	9:45	N/A	0	0.0000	9:45	35	0.0023	2.3172	
10:00	54	0.0000	0.0000	10:00	131	0.0882	88.1715	10:00	N/A	0	0.0000	10:00	35	0.0046	4.5993	
10:15	54	0.0000	0.0000	10:15	131	0.0911	91.0965	10:15	N/A	0	0.0000	10:15	35	0.0079	7.8840	
10:30	54	0.0000	0.0000	10:30	131	0.0932	93.2298	10:30	N/A	0.0026666	2.6666	10:30	35	0.0094	9.4349	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.18	0	0	0	0.13

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/26/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/26/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/26/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/26/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	54	0.0018	1.7579	0:00	131	0.0893	89.2721	0:00	N/A	0	0.0000	0:00	35	0.0000	0.0000	
0:15	54	0.0016	1.6144	0:15	131	0.0893	89.3385	0:15	N/A	0	0.0000	0:15	35	0.0000	0.0000	
0:30	54	0.0008	0.7505	0:30	131	0.0907	90.7396	0:30	N/A	0	0.0000	0:30	35	0.0000	0.0000	
0:45	54	0.0002	0.1743	0:45	131	0.0895	89.4807	0:45	N/A	0	0.0000	0:45	35	0.0000	0.0000	
1:00	54	0.0000	0.0003	1:00	131	0.0884	88.4158	1:00	N/A	0	0.0000	1:00	35	0.0000	0.0000	
1:15	54	0.0009	0.8687	1:15	131	0.0891	89.0643	1:15	N/A	0	0.0000	1:15	35	0.0000	0.0000	
1:30	54	0.0020	2.0493	1:30	131	0.0895	89.5370	1:30	N/A	0	0.0000	1:30	35	0.0000	0.0000	
1:45	54	0.0012	1.1593	1:45	131	0.0906	90.6190	1:45	N/A	0	0.0000	1:45	35	0.0000	0.0000	
2:00	54	0.0002	0.2495	2:00	131	0.0900	90.0290	2:00	N/A	0	0.0000	2:00	35	0.0000	0.0000	
2:15	54	0.0003	0.3099	2:15	131	0.0890	88.9879	2:15	N/A	0	0.0000	2:15	35	0.0000	0.0000	
2:30	54	0.0004	0.3834	2:30	131	0.0882	88.2038	2:30	N/A	0	0.0000	2:30	35	0.0000	0.0000	
2:45	54	0.0013	1.2729	2:45	131	0.0874	87.4080	2:45	N/A	0	0.0000	2:45	35	0.0000	0.0000	
3:00	54	0.0029	2.8584	3:00	131	0.0872	87.2236	3:00	N/A	0	0.0000	3:00	35	0.0000	0.0000	
3:15	54	0.0016	1.6084	3:15	131	0.0874	87.4336	3:15	N/A	0	0.0000	3:15	35	0.0000	0.0000	
3:30	54	0.0002	0.2105	3:30	131	0.0875	87.5011	3:30	N/A	0	0.0000	3:30	35	0.0000	0.0000	
3:45	54	0.0000	0.0000	3:45	131	0.0871	87.0796	3:45	N/A	0	0.0000	3:45	35	0.0000	0.0000	
4:00	54	0.0000	0.0000	4:00	131	0.0871	87.1217	4:00	N/A	0	0.0000	4:00	35	0.0000	0.0000	
4:15	54	0.0005	0.5263	4:15	131	0.0869	86.9357	4:15	N/A	0	0.0000	4:15	35	0.0000	0.0000	
4:30	54	0.0009	0.8646	4:30	131	0.0871	87.0592	4:30	N/A	0	0.0000	4:30	35	0.0000	0.0000	
4:45	54	0.0006	0.6267	4:45	131	0.0863	86.3128	4:45	N/A	0	0.0000	4:45	35	0.0000	0.0000	
5:00	54	0.0006	0.6333	5:00	131	0.0865	86.4658	5:00	N/A	0	0.0000	5:00	35	0.0000	0.0000	
5:15	54	0.0012	1.1654	5:15	131	0.0859	85.8558	5:15	N/A	0	0.0000	5:15	35	0.0000	0.0000	
5:30	54	0.0006	0.6007	5:30	131	0.0853	85.3231	5:30	N/A	0	0.0000	5:30	35	0.0000	0.0000	
5:45	54	0.0002	0.1512	5:45	131	0.0850	85.0270	5:45	N/A	0	0.0000	5:45	35	0.0000	0.0000	
6:00	54	0.0001	0.0931	6:00	131	0.0852	85.2004	6:00	N/A	0	0.0000	6:00	35	0.0000	0.0000	
6:15	54	0.0000	0.0000	6:15	131	0.0855	85.4664	6:15	N/A	0	0.0000	6:15	35	0.0000	0.0000	
6:30	54	0.0015	1.4592	6:30	131	0.0853	85.3060	6:30	N/A	0	0.0000	6:30	35	0.0000	0.0000	
6:45	54	0.0017	1.6811	6:45	131	0.0847	84.7101	6:45	N/A	0	0.0000	6:45	35	0.0000	0.0000	
7:00	54	0.0004	0.4492	7:00	131	0.0847	84.6890	7:00	N/A	0	0.0000	7:00	35	0.0000	0.0000	
7:15	54	0.0000	0.0000	7:15	131	0.0846	84.5971	7:15	N/A	0	0.0000	7:15	35	0.0000	0.0000	
7:30	54	0.0000	0.0000	7:30	131	0.0846	84.5949	7:30	N/A	0	0.0000	7:30	35	0.0000	0.0000	
7:45	54	0.0000	0.0000	7:45	131	0.0846	84.5806	7:45	N/A	0	0.0000	7:45	35	0.0000	0.0000	
8:00	54	0.0000	0.0000	8:00	131	0.0843	84.3465	8:00	N/A	0	0.0000	8:00	35	0.0000	0.0000	
8:15	54	0.0000	0.0000	8:15	131	0.0840	84.0283	8:15	N/A	0	0.0000	8:15	35	0.0000	0.0000	

22:00	54	0.0000	0.0000	22:00	131	0.0827	82.6962	22:00	N/A	0	0.0000	19:30	35	0.0169	16.8804	
22:15	54	0.0000	0.0000	22:15	131	0.0823	82.2647	22:15	N/A	0	0.0000	19:45	35	0.0151	15.0932	
22:30	54	0.0000	0.0000	22:30	131	0.0820	81.9505	22:30	N/A	0	0.0000	20:00	35	0.0118	11.7586	
22:45	54	0.0000	0.0000	22:45	131	0.0816	81.5527	22:45	N/A	0	0.0000	20:15	35	0.0081	8.0937	
23:00	54	0.0000	0.0000	23:00	131	0.0812	81.2383	23:00	N/A	0	0.0000	20:30	35	0.0031	3.0930	
23:15	54	0.0000	0.0000	23:15	131	0.0809	80.9128	23:15	N/A	0	0.0000	20:45	35	0.0003	0.2653	
23:30	54	0.0000	0.0000	23:30	131	0.0806	80.5840	23:30	N/A	0	0.0000	21:00	35	0.0000	0.0000	
23:45	54	0.0000	0.0000	23:45	131	0.0801	80.1054	23:45	N/A	0	0.0000	21:15	35	0.0000	0.0000	
												21:30	35	0.0000	0	
												21:45	35	0.0000	0	
												22:00	35	0.0000	0	
												22:15	35	0.0000	0	
												22:30	35	0.0000	0	
												22:45	35	0.0000	0	
												23:00	35	0.0000	0	
												23:15	35	0.0000	0	
												23:30	35	0.0000	0	
												23:45	35	0.0000	0	

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.27	0	0	0	0.5

Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
05/27/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/27/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/27/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/27/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	54	0.0000	0.0000	0:00	131	0.0800	79.9777	0:00	N/A	0	0.0000	0:00	35	0.0000	0.0000	
0:15	54	0.0000	0.0000	0:15	131	0.0796	79.5616	0:15	N/A	0	0.0000	0:15	35	0.0000	0.0000	
0:30	54	0.0000	0.0000	0:30	131	0.0793	79.3449	0:30	N/A	0	0.0000	0:30	35	0.0000	0.0000	
0:45	54	0.0000	0.0000	0:45	131	0.0789	78.9296	0:45	N/A	0	0.0000	0:45	35	0.0000	0.0000	
1:00	54	0.0000	0.0000	1:00	131	0.0788	78.7502	1:00	N/A	0	0.0000	1:00	35	0.0000	0.0000	
1:15	54	0.0000	0.0000	1:15	131	0.0783	78.3443	1:15	N/A	0	0.0000	1:15	35	0.0000	0.0000	
1:30	54	0.0000	0.0000	1:30	131	0.0783	78.2916	1:30	N/A	0	0.0000	1:30	35	0.0000	0.0000	
1:45	54	0.0024	2.4228	1:45	131	0.0782	78.2151	1:45	N/A	0	0.0000	1:45	35	0.0000	0.0000	
2:00	54	0.0218	21.8054	2:00	131	0.0781	78.0775	2:00	N/A	0	0.0000	2:00	35	0.0000	0.0000	
2:05	54	0.1420	141.9949	2:15	131	0.0780	78.0168	2:15	N/A	0	0.0000	2:15	35	0.0000	0.0000	*See Field Investigation Below
2:10	54	0.0005	0.5384	2:30	131	0.0776	77.6396	2:30	N/A	0	0.0000	2:30	35	0.0000	0.0000	
2:15	54	0.0012	1.1984	2:45	131	0.0773	77.2980	2:45	N/A	0	0.0000	2:45	35	0.0000	0.0000	
2:30	54	0.0000	0.0000	3:00	131	0.0773	77.3160	3:00	N/A	0	0.0000	3:00	35	0.0000	0.0000	
2:45	54	0.0000	0.0000	3:15	131	0.0767	76.7307	3:15	N/A	0	0.0000	3:15	35	0.0000	0.0000	
3:00	54	0.0000	0.0000	3:30	131	0.0763	76.3380	3:30	N/A	0	0.0000	3:30	35	0.0000	0.0000	
3:15	54	0.0000	0.0000	3:45	131	0.0765	76.4670	3:45	N/A	0	0.0000	3:45	35	0.0000	0.0000	
3:30	54	0.0000	0.0000	4:00	131	0.0764	76.4214	4:00	N/A	0	0.0000	4:00	35	0.0000	0.0000	
3:45	54	0.0000	0.0000	4:15	131	0.0763	76.2611	4:15	N/A	0	0.0000	4:15	35	0.0000	0.0000	
4:00	54	0.0000	0.0000	4:30	131	0.0759	75.9349	4:30	N/A	0	0.0000	4:30	35	0.0000	0.0000	
4:15	54	0.0000	0.0000	4:45	131	0.0756	75.6066	4:45	N/A	0	0.0000	4:45	35	0.0000	0.0000	
4:30	54	0.0000	0.0000	5:00	131	0.0759	75.8626	5:00	N/A	0	0.0000	5:00	35	0.0000	0.0000	
4:45	54	0.0000	0.0000	5:15	131	0.0759	75.9273	5:15	N/A	0	0.0000	5:15	35	0.0000	0.0000	
5:00	54	0.0000	0.0000	5:30	131	0.0757	75.6794	5:30	N/A	0	0.0000	5:30	35	0.0000	0.0000	
5:15	54	0.0000	0.0000	5:45	131	0.0759	75.8537	5:45	N/A	0	0.0000	5:45	35	0.0000	0.0000	
5:30	54	0.0000	0.0000	6:00	131	0.0757	75.6915	6:00	N/A	0	0.0000	6:00	35	0.0000	0.0000	
5:45	54	0.0000	0.0000	6:15	131	0.0757	75.6728	6:15	N/A	0	0.0000	6:15	35	0.0000	0.0000	
6:00	54	0.0000	0.0000	6:30	131	0.0760	76.0342	6:30	N/A	0	0.0000	6:30	35	0.0000	0.0000	
6:15	54	0.0000	0.0000	6:45	131	0.0758	75.8282	6:45	N/A	0	0.0000	6:45	35	0.0000	0.0000	
6:30	54	0.0000	0.0000	7:00	131	0.0762	76.1723	7:00	N/A	0	0.0000	7:00	35	0.0000	0.0000	
6:45	54	0.0000	0.0000	7:15	131	0.0760	76.0025	7:15	N/A	0	0.0000	7:15	35	0.0000	0.0000	
7:00	54	0.0000	0.0000	7:30	131	0.0762	76.1823	7:30	N/A	0	0.0000	7:30	35	0.0000	0.0000	
7:15	54	0.0000	0.0000	7:45	131	0.0762	76.2439	7:45	N/A	0	0.0000	7:45	35	0.0000	0.0000	
7:30	54	0.0000	0.0000	8:00	131	0.0762	76.2495	8:00	N/A	0	0.0000	8:00	35	0.0000	0.0000	
7:45	54	0.0000	0.0000	8:15	131	0.0764	76.3596	8:15	N/A	0	0.0000	8:15	35	0.0000	0.0000	

8:00	54	0.0000	0.0000	8:30	131	0.0766	76.5956	8:30	N/A	0	0.0000	8:30	35	0.0000	0.0000
8:15	54	0.0000	0.0000	8:45	131	0.0769	76.9278	8:45	N/A	0	0.0000	8:45	35	0.0000	0.0000
8:30	54	0.0000	0.0000	9:00	131	0.0771	77.1065	9:00	N/A	0	0.0000	9:00	35	0.0000	0.0000
8:45	54	0.0000	0.0000	9:15	131	0.0774	77.3763	9:15	N/A	0	0.0000	9:15	35	0.0000	0.0000
9:00	54	0.0000	0.0000	9:30	131	0.0773	77.3075	9:30	N/A	0	0.0000	9:30	35	0.0000	0.0000
9:15	54	0.0000	0.0000	9:45	131	0.0774	77.3923	9:45	N/A	0	0.0000	9:45	35	0.0000	0.0000
9:30	54	0.0000	0.0000	10:00	131	0.0772	77.2417	10:00	N/A	0	0.0000	10:00	35	0.0000	0.0000
9:45	54	0.0000	0.0000	10:15	131	0.0770	77.0171	10:15	N/A	0	0.0000	10:15	35	0.0000	0.0000
10:00	54	0.0000	0.0000	10:30	131	0.0763	76.2911	10:30	N/A	0	0.0000	10:30	35	0.0000	0.0000
10:15	54	0.0000	0.0000	10:45	131	0.0753	75.3283	10:45	N/A	0	0.0000	10:45	35	0.0000	0.0000
10:30	54	0.0000	0.0000	11:00	131	0.0749	74.9078	11:00	N/A	0	0.0000	11:00	35	0.0000	0.0000
10:45	54	0.0000	0.0000	11:15	131	0.0742	74.2398	11:15	N/A	0	0.0000	11:15	35	0.0000	0.0000
11:00	54	0.0000	0.0000	11:30	131	0.0740	73.9918	11:30	N/A	0	0.0000	11:30	35	0.0000	0.0000
11:15	54	0.0000	0.0000	11:45	131	0.0740	74.0145	11:45	N/A	0	0.0000	11:45	35	0.0000	0.0000
11:30	54	0.0000	0.0000	12:00	131	0.0740	73.9866	12:00	N/A	0	0.0000	12:00	35	0.0000	0.0000
11:45	54	0.0000	0.0000	12:15	131	0.0739	73.9295	12:15	N/A	0	0.0000	12:15	35	0.0000	0.0000
12:00	54	0.0000	0.0000	12:30	131	0.0740	74.0430	12:30	N/A	0	0.0000	12:30	35	0.0000	0.0000
12:15	54	0.0000	0.0000	12:45	131	0.0740	73.9590	12:45	N/A	0	0.0000	12:45	35	0.0000	0.0000
12:30	54	0.0000	0.0000	13:00	131	0.0737	73.6626	13:00	N/A	0	0.0000	13:00	35	0.0000	0.0000
12:45	54	0.0000	0.0000	13:15	131	0.0735	73.5071	13:15	N/A	0	0.0000	13:15	35	0.0000	0.0000
13:00	54	0.0000	0.0000	13:30	131	0.0736	73.5671	13:30	N/A	0	0.0000	13:30	35	0.0000	0.0000
13:15	54	0.0000	0.0000	13:45	131	0.0733	73.3264	13:45	N/A	0	0.0000	13:45	35	0.0000	0.0000
13:30	54	0.0000	0.0000	14:00	131	0.0733	73.2742	14:00	N/A	0	0.0000	14:00	35	0.0000	0.0000
13:45	54	0.0000	0.0000	14:15	131	0.0733	73.2570	14:15	N/A	0	0.0000	14:15	35	0.0000	0.0000
14:00	54	0.0000	0.0000	14:30	131	0.0731	73.1192	14:30	N/A	0	0.0000	14:30	35	0.0000	0.0000
14:15	54	0.0000	0.0000	14:45	131	0.0731	73.0802	14:45	N/A	0	0.0000	14:45	35	0.0000	0.0000
14:30	54	0.0000	0.0000	15:00	131	0.0732	73.2215	15:00	N/A	0	0.0000	15:00	35	0.0000	0.0000
14:45	54	0.0000	0.0000	15:15	131	0.0735	73.4515	15:15	N/A	0	0.0000	15:15	35	0.0001	0.0525
15:00	54	0.0000	0.0000	15:30	131	0.0737	73.7381	15:30	N/A	0	0.0000	15:30	35	0.0014	1.3558
15:15	54	0.0000	0.0000	15:45	131	0.0755	75.5148	15:45	N/A	0	0.0000	15:45	35	0.0049	4.9218
15:30	54	0.0000	0.0000	16:00	131	0.0753	75.2940	16:00	N/A	0	0.0000	16:00	35	0.0056	5.6442
15:45	54	0.0000	0.0000	16:15	131	0.0749	74.9375	16:15	N/A	0	0.0000	16:15	35	0.0083	8.3085
16:00	54	0.0000	0.0000	16:30	131	0.0759	75.8942	16:30	N/A	0	0.0000	16:30	35	0.0108	10.8317
16:15	54	0.0000	0.0000	16:45	131	0.0771	77.0956	16:45	N/A	0	0.0000	16:45	35	0.0126	12.6183
16:30	54	0.0000	0.0000	17:00	131	0.0778	77.7621	17:00	N/A	0	0.0000	17:00	35	0.0140	14.0476
16:45	54	0.0000	0.0000	17:15	131	0.0776	77.5567	17:15	N/A	0	0.0000	17:15	35	0.0149	14.8753
17:00	54	0.0000	0.0000	17:30	131	0.0770	76.9504	17:30	N/A	0	0.0000	17:30	35	0.0157	15.6759
17:15	54	0.0000	0.0000	17:45	131	0.0764	76.4203	17:45	N/A	0	0.0000	17:45	35	0.0153	15.3196
17:30	54	0.0000	0.0000	18:00	131	0.0758	75.7841	18:00	N/A	0	0.0000	18:00	35	0.0142	14.1982
17:45	54	0.0000	0.0000	18:15	131	0.0755	75.4792	18:15	N/A	0	0.0000	18:15	35	0.0142	14.2460
18:00	54	0.0000	0.0000	18:30	131	0.0747	74.7360	18:30	N/A	0	0.0000	18:30	35	0.0153	15.2834
18:15	54	0.0000	0.0000	18:45	131	0.0739	73.8791	18:45	N/A	0	0.0000	18:45	35	0.0151	15.0732
18:30	54	0.0000	0.0000	19:00	131	0.0736	73.6103	19:00	N/A	0	0.0000	19:00	35	0.0147	14.6501
18:45	54	0.0000	0.0000	19:15	131	0.0742	74.1804	19:15	N/A	0	0.0000	19:15	35	0.0146	14.5739
19:00	54	0.0000	0.0000	19:30	131	0.0749	74.8734	19:30	N/A	0	0.0000	19:30	35	0.0157	15.7394
19:15	54	0.0000	0.0000	19:45	131	0.0740	74.0374	19:45	N/A	0	0.0000	19:45	35	0.0159	15.8530
19:30	54	0.0000	0.0000	20:00	131	0.0728	72.8499	20:00	N/A	0	0.0000	20:00	35	0.0151	15.1030
19:45	54	0.0000	0.0000	20:15	131	0.0723	72.2907	20:15	N/A	0	0.0000	20:15	35	0.0135	13.5089
20:00	54	0.0000	0.0000	20:30	131	0.0701	70.0618	20:30	N/A	0	0.0000	20:30	35	0.0120	11.9993
20:15	54	0.0000	0.0000	20:45	131	0.0661	66.0933	20:45	N/A	0	0.0000	20:45	35	0.0092	9.1695
20:30	54	0.0000	0.0000	21:00	131	0.0621	62.0898	21:00	N/A	0	0.0000	21:00	35	0.0060	5.9661
20:45	54	0.0000	0.0000	21:15	131	0.0604	60.3799	21:15	N/A	0	0.0000	21:15	35	0.0019	1.9006
21:00	54	0.0000	0.0000	21:30	131	0.0582	58.2395	21:30	N/A	0	0.0000	21:30	35	0.0010	1.0082
21:15	54	0.0000	0.0000	21:45	131	0.0538	53.8448	21:45	N/A	0	0.0000	21:45	35	0.0000	0.0000

21:30	54	0.0000	0.0000	22:00	131	0.0540	53.9844	22:00	N/A	0	0.0000	22:00	35	0.0000	0.0288	
21:45	54	0.0000	0.0000	22:15	131	0.0532	53.2205	22:15	N/A	0	0.0000	22:15	35	0.0006	0.5759	
22:00	54	0.0000	0.0000	22:30	131	0.0515	51.5123	22:30	N/A	0	0.0000	22:30	35	0.0000	0.0005	
22:15	54	0.0000	0.0000	22:45	131	0.0519	51.8690	22:45	N/A	0	0.0000	22:45	35	0.0006	0.5534	
22:30	54	0.0000	0.0000	23:00	131	0.0516	51.5734	23:00	N/A	0	0.0000	23:00	35	0.0000	0.0141	
22:45	54	0.0000	0.0000	23:15	131	0.0539	53.8711	23:15	N/A	0	0.0000	23:15	35	0.0011	1.0519	
23:00	54	0.0000	0.0000	23:30	131	0.0537	53.7099	23:30	N/A	0	0.0000	23:30	35	0.0022	2.2485	
23:15	54	0.0000	0.0000	23:45	131	0.0525	52.5025	23:45	N/A	0	0.0000	23:45	35	0.0001	0.0522	
23:30	54	0.0001	0.1396													
23:45	54	0.0002	0.1746													

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

05/28/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/28/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/28/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/28/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	54	0.0000	0.0000	0:00	131	0.0498	49.7613	0:00	N/A	0	0.0000	0:00	35	0.0000	0.0000	
0:15	54	0.0000	0.0000	0:15	131	0.0487	48.7146	0:15	N/A	0	0.0000	0:15	35	0.0000	0.0000	
0:30	54	0.0000	0.0000	0:30	131	0.0473	47.3111	0:30	N/A	0	0.0000	0:30	35	0.0000	0.0000	
0:45	54	0.0000	0.0000	0:45	131	0.0468	46.8304	0:45	N/A	0	0.0000	0:45	35	0.0000	0.0000	
1:00	54	0.0000	0.0000	1:00	131	0.0460	45.9621	1:00	N/A	0	0.0000	1:00	35	0.0000	0.0000	
1:15	54	0.0000	0.0000	1:15	131	0.0460	46.0142	1:15	N/A	0	0.0000	1:15	35	0.0000	0.0000	
1:30	54	0.0000	0.0000	1:30	131	0.0462	46.1547	1:30	N/A	0	0.0000	1:30	35	0.0000	0.0000	
1:45	54	0.0000	0.0000	1:45	131	0.0474	47.3731	1:45	N/A	0	0.0000	1:45	35	0.0000	0.0000	
2:00	54	0.0000	0.0000	2:00	131	0.0494	49.3813	2:00	N/A	0	0.0000	2:00	35	0.0000	0.0436	
2:15	54	0.0000	0.0000	2:15	131	0.0469	46.9483	2:15	N/A	0	0.0000	2:15	35	0.0000	0.0043	
2:30	54	0.0000	0.0000	2:30	131	0.0466	46.5981	2:30	N/A	0	0.0000	2:30	35	0.0000	0.0000	
2:45	54	0.0000	0.0000	2:45	131	0.0460	45.9708	2:45	N/A	0	0.0000	2:45	35	0.0000	0.0000	
3:00	54	0.0000	0.0000	3:00	131	0.0457	45.6734	3:00	N/A	0	0.0000	3:00	35	0.0000	0.0000	
3:15	54	0.0000	0.0000	3:15	131	0.0455	45.4615	3:15	N/A	0	0.0000	3:15	35	0.0000	0.0000	
3:30	54	0.0000	0.0000	3:30	131	0.0459	45.8812	3:30	N/A	0	0.0000	3:30	35	0.0000	0.0000	
3:45	54	0.0000	0.0000	3:45	131	0.0461	46.0576	3:45	N/A	0	0.0000	3:45	35	0.0000	0.0000	
4:00	54	0.0000	0.0000	4:00	131	0.0461	46.1116	4:00	N/A	0	0.0000	4:00	35	0.0000	0.0000	
4:15	54	0.0000	0.0000	4:15	131	0.0461	46.1254	4:15	N/A	0	0.0000	4:15	35	0.0000	0.0000	
4:30	54	0.0000	0.0000	4:30	131	0.0458	45.7847	4:30	N/A	0	0.0000	4:30	35	0.0000	0.0000	
4:45	54	0.0000	0.0000	4:45	131	0.0463	46.2959	4:45	N/A	0	0.0000	4:45	35	0.0000	0.0000	
5:00	54	0.0000	0.0000	5:00	131	0.0465	46.4507	5:00	N/A	0	0.0000	5:00	35	0.0000	0.0000	
5:15	54	0.0000	0.0000	5:15	131	0.0465	46.4976	5:15	N/A	0	0.0000	5:15	35	0.0000	0.0000	
5:30	54	0.0000	0.0000	5:30	131	0.0463	46.3497	5:30	N/A	0	0.0000	5:30	35	0.0000	0.0000	
5:45	54	0.0000	0.0000	5:45	131	0.0465	46.5189	5:45	N/A	0	0.0000	5:45	35	0.0000	0.0000	
6:00	54	0.0000	0.0000	6:00	131	0.0469	46.9362	6:00	N/A	0	0.0000	6:00	35	0.0000	0.0000	
6:15	54	0.0000	0.0000	6:15	131	0.0472	47.2011	6:15	N/A	0	0.0000	6:15	35	0.0000	0.0000	
6:30	54	0.0000	0.0000	6:30	131	0.0476	47.5538	6:30	N/A	0	0.0000	6:30	35	0.0000	0.0000	
6:45	54	0.0000	0.0000	6:45	131	0.0480	48.0242	6:45	N/A	0	0.0000	6:45	35	0.0000	0.0000	
7:00	54	0.0000	0.0000	7:00	131	0.0486	48.6027	7:00	N/A	0	0.0000	7:00	35	0.0000	0.0000	
7:15	54	0.0000	0.0000	7:15	131	0.0500	49.9738	7:15	N/A	0	0.0000	7:15	35	0.0000	0.0000	
7:30	54	0.0000	0.0000	7:30	131	0.0497	49.7202	7:30	N/A	0	0.0000	7:30	35	0.0000	0.0000	
7:45	54	0.0000	0.0000	7:45	131	0.0492	49.2071	7:45	N/A	0	0.0000	7:45	35	0.0000	0.0000	
8:00	54	0.0000	0.0000	8:00	131	0.0494	49.3697	8:00	N/A	0	0.0000	8:00	35	0.0000	0.0000	
8:15	54	0.0000	0.0000	8:15	131	0.0533	53.3388	8:15	N/A	0	0.0000	8:15	35	0.0008	0.8239	
8:30	54	0.0000	0.0000	8:30	131	0.0511	51.1266	8:30	N/A	0	0.0000	8:30	35	0.0004	0.4120	
8:45	54	0.0000	0.0000	8:45	131	0.0468	46.8006	8:45	N/A	0	0.0000	8:45	35	0.0000	0.0000	
9:00	54	0.0000	0.0000	9:00	131	0.0455	45.4737	9:00	N/A	0	0.0000	9:00	35	0.0000	0.0000	
9:15	54	0.0000	0.0000	9:15	131	0.0454	45.4219	9:15	N/A	0	0.0000	9:15	35	0.0000	0.0000	
9:30	54	0.0000	0.0474	9:30	131	0.0460	45.9823	9:30	N/A	0	0.0000	9:30	35	0.0012	1.2333	
9:45	54	0.0003	0.3451	9:45	131	0.0544	54.3546	9:45	N/A	0	0.0000	9:45	35	0.0039	3.9333	
10:00	54	0.0005	0.5339	10:00	131	0.0536	53.5964	10:00	N/A	0	0.0000	10:00	35	0.0040	3.9700	
10:15	54	0.0000	0.0000	10:15	131	0.0519	51.8617	10:15	N/A	0	0.0000	10:15	35	0.0027	2.6504	
10:30	54	0.0000	0.0000	10:30	131	0.0480	47.9797	10:30	N/A	0	0.0000	10:30	35	0.0015	1.5242	

10:45	54	0.0000	0.0000	10:45	131	0.0501	50.0806	10:45	N/A	0	0.0000	10:45	35	0.0015	1.5283	
11:00	54	0.0000	0.0000	11:00	131	0.0519	51.8962	11:00	N/A	0	0.0000	11:00	35	0.0024	2.4494	
11:15	54	0.0000	0.0000	11:15	131	0.0509	50.9011	11:15	N/A	0	0.0000	11:15	35	0.0026	2.5566	
11:30	54	0.0000	0.0000	11:30	131	0.0514	51.3923	11:30	N/A	0	0.0000	11:30	35	0.0021	2.0522	
11:45	54	0.0000	0.0000	11:45	131	0.0506	50.6148	11:45	N/A	0	0.0000	11:45	35	0.0018	1.7803	
12:00	54	0.0000	0.0000	12:00	131	0.0480	47.9569	12:00	N/A	0	0.0000	12:00	35	0.0018	1.7920	
12:15	54	0.0000	0.0000	12:15	131	0.0496	49.5972	12:15	N/A	0	0.0000	12:15	35	0.0031	3.0727	
12:30	54	0.0000	0.0000	12:30	131	0.0502	50.2351	12:30	N/A	0	0.0000	12:30	35	0.0040	3.9562	
12:45	54	0.0000	0.0000	12:45	131	0.0487	48.7285	12:45	N/A	0	0.0000	12:45	35	0.0035	3.4675	
13:00	54	0.0000	0.0000	13:00	131	0.0490	49.0161	13:00	N/A	0	0.0000	13:00	35	0.0036	3.5909	
13:15	54	0.0000	0.0000	13:15	131	0.0494	49.3973	13:15	N/A	0	0.0000	13:15	35	0.0025	2.4715	
13:30	54	0.0000	0.0000	13:30	131	0.0451	45.0801	13:30	N/A	0	0.0000	13:30	35	0.0019	1.9259	
13:45	54	0.0000	0.0000	13:45	131	0.0431	43.1154	13:45	N/A	0	0.0000	13:45	35	0.0013	1.3036	
14:00	54	0.0000	0.0000	14:00	131	0.0438	43.8073	14:00	N/A	0	0.0000	14:00	35	0.0018	1.7589	
14:15	54	0.0000	0.0000	14:15	131	0.0440	44.0426	14:15	N/A	0	0.0000	14:15	35	0.0037	3.7086	
14:30	54	0.0000	0.0000	14:30	131	0.0413	41.2504	14:30	N/A	0	0.0000	14:30	35	0.0022	2.1841	
14:45	54	0.0000	0.0000	14:45	131	0.0412	41.2471	14:45	N/A	0	0.0000	14:45	35	0.0014	1.3630	
15:00	54	0.0000	0.0000	15:00	131	0.0411	41.0766	15:00	N/A	0	0.0000	15:00	35	0.0023	2.2591	
15:15	54	0.0000	0.0000	15:15	131	0.0424	42.4297	15:15	N/A	0	0.0000	15:15	35	0.0037	3.7199	
15:30	54	0.0000	0.0000	15:30	131	0.0446	44.5998	15:30	N/A	0	0.0000	15:30	35	0.0052	5.1867	
15:45	54	0.0000	0.0000	15:45	131	0.0500	50.0198	15:45	N/A	0	0.0000	15:45	35	0.0046	4.6211	
16:00	54	0.0000	0.0000	16:00	131	0.0495	49.4963	16:00	N/A	0	0.0000	16:00	35	0.0025	2.5254	
16:15	54	0.0000	0.0000	16:15	131	0.0560	56.0071	16:15	N/A	0	0.0000	16:15	35	0.0024	2.3910	
16:30	54	0.0000	0.0000	16:30	131	0.0577	57.6568	16:30	N/A	0	0.0000	16:30	35	0.0033	3.2506	
16:45	54	0.0000	0.0000	16:45	131	0.0556	55.6486	16:45	N/A	0	0.0000	16:45	35	0.0016	1.6342	
17:00	54	0.0000	0.0000	17:00	131	0.0557	55.7321	17:00	N/A	0	0.0000	17:00	35	0.0028	2.7565	
17:15	54	0.0000	0.0000	17:15	131	0.0544	54.4166	17:15	N/A	0	0.0000	17:15	35	0.0063	6.3177	
17:30	54	0.0000	0.0000	17:30	131	0.0518	51.7690	17:30	N/A	0	0.0000	17:30	35	0.0037	3.6918	
17:45	54	0.0000	0.0000	17:45	131	0.0526	52.6246	17:45	N/A	0	0.0000	17:45	35	0.0039	3.9190	
18:00	54	0.0000	0.0000	18:00	131	0.0520	52.0049	18:00	N/A	0	0.0000	18:00	35	0.0078	7.8292	
18:15	54	0.0000	0.0000	18:15	131	0.0499	49.9280	18:15	N/A	0	0.0000	18:15	35	0.0088	8.7907	
18:30	54	0.0000	0.0000	18:30	131	0.0466	46.6421	18:30	N/A	0	0.0000	18:30	35	0.0071	7.0899	
18:45	54	0.0000	0.0000	18:45	131	0.0448	44.8084	18:45	N/A	0	0.0000	18:45	35	0.0051	5.1209	
19:00	54	0.0000	0.0000	19:00	131	0.0435	43.5269	19:00	N/A	0	0.0000	19:00	35	0.0034	3.4234	
19:15	54	0.0000	0.0000	19:15	131	0.0438	43.7583	19:15	N/A	0	0.0000	19:15	35	0.0021	2.1017	
19:30	54	0.0000	0.0000	19:30	131	0.0471	47.0723	19:30	N/A	0	0.0000	19:30	35	0.0008	0.8023	
19:45	54	0.0000	0.0000	19:45	131	0.0523	52.3355	19:45	N/A	0	0.0000	19:45	35	0.0003	0.2771	
20:00	54	0.0000	0.0000	20:00	131	0.0542	54.2024	20:00	N/A	0	0.0000	20:00	35	0.0009	0.8567	
20:15	54	0.0000	0.0000	20:15	131	0.0546	54.6375	20:15	N/A	0	0.0000	20:15	35	0.0001	0.0902	
20:30	54	0.0000	0.0000	20:30	131	0.0548	54.7562	20:30	N/A	0	0.0000	20:30	35	0.0003	0.2543	
20:45	54	0.0000	0.0000	20:45	131	0.0547	54.6556	20:45	N/A	0	0.0000	20:45	35	0.0000	0.0000	
21:00	54	0.0000	0.0000	21:00	131	0.0551	55.0967	21:00	N/A	0	0.0000	21:00	35	0.0000	0.0000	
21:15	54	0.0000	0.0000	21:15	131	0.0552	55.2254	21:15	N/A	0	0.0000	21:15	35	0.0000	0.0000	
21:30	54	0.0000	0.0000	21:30	131	0.0544	54.3701	21:30	N/A	0	0.0000	21:30	35	0.0000	0.0000	
21:45	54	0.0000	0.0000	21:45	131	0.0538	53.8273	21:45	N/A	0	0.0000	21:45	35	0.0000	0.0000	
22:00	54	0.0000	0.0000	22:00	131	0.0538	53.8325	22:00	N/A	0	0.0000	22:00	35	0.0000	0.0000	
22:15	54	0.0003	0.2912	22:15	131	0.0537	53.6706	22:15	N/A	0	0.0000	22:15	35	0.0000	0.0000	
22:30	54	0.0001	0.0537	22:30	131	0.0533	53.2866	22:30	N/A	0	0.0000	22:30	35	0.0000	0.0000	
22:45	54	0.0000	0.0000	22:45	131	0.0530	53.0493	22:45	N/A	0	0.0000	22:45	35	0.0000	0.0000	
23:00	54	0.0000	0.0000	23:00	131	0.0525	52.5192	23:00	N/A	0	0.0000	23:00	35	0.0000	0.0000	
23:15	54	0.0007	0.7220	23:15	131	0.0519	51.9169	23:15	N/A	0	0.0000	23:15	35	0.0000	0.0000	
23:30	54	0.0001	0.1331	23:30	131	0.0516	51.5783	23:30	N/A	0	0.0000	23:30	35	0.0000	0.0000	
23:45	54	0.0000	0.0000	23:45	131	0.0512	51.2101	23:45	N/A	0	0.0000	23:45	35	0.0000	0.0000	



Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

05/29/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/29/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/29/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/29/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	54	0.0000	0.0000	0:00	131	0.0508	50.8187	0:00	N/A	0	0.0000	0:00	35	0.0000	0.0000	
0:15	54	0.0000	0.0000	0:15	131	0.0507	50.6628	0:15	N/A	0	0.0000	0:15	35	0.0000	0.0000	
0:30	54	0.0000	0.0000	0:30	131	0.0507	50.7298	0:30	N/A	0	0.0000	0:30	35	0.0000	0.0000	
0:45	54	0.0000	0.0000	0:45	131	0.0511	51.0831	0:45	N/A	0	0.0000	0:45	35	0.0000	0.0000	
1:00	54	0.0000	0.0000	1:00	131	0.0512	51.1864	1:00	N/A	0	0.0000	1:00	35	0.0000	0.0000	
1:15	54	0.0000	0.0000	1:15	131	0.0509	50.9150	1:15	N/A	0	0.0000	1:15	35	0.0000	0.0000	
1:30	54	0.0000	0.0000	1:30	131	0.0507	50.6810	1:30	N/A	0	0.0000	1:30	35	0.0000	0.0000	
1:45	54	0.0000	0.0000	1:45	131	0.0505	50.5394	1:45	N/A	0	0.0000	1:45	35	0.0000	0.0000	
2:00	54	0.0000	0.0000	2:00	131	0.0504	50.3966	2:00	N/A	0	0.0000	2:00	35	0.0000	0.0000	
2:15	54	0.0000	0.0000	2:15	131	0.0515	51.4504	2:15	N/A	0	0.0000	2:15	35	0.0002	0.1989	
2:30	54	0.0007	0.6923	2:30	131	0.0519	51.9218	2:30	N/A	0	0.0000	2:30	35	0.0017	1.7117	
2:45	54	0.0002	0.1823	2:45	131	0.0496	49.6236	2:45	N/A	0	0.0000	2:45	35	0.0000	0.0000	
3:00	54	0.0000	0.0000	3:00	131	0.0487	48.6926	3:00	N/A	0	0.0000	3:00	35	0.0000	0.0000	
3:15	54	0.0000	0.0000	3:15	131	0.0477	47.7345	3:15	N/A	0	0.0000	3:15	35	0.0000	0.0000	
3:30	54	0.0000	0.0000	3:30	131	0.0468	46.7937	3:30	N/A	0	0.0000	3:30	35	0.0000	0.0000	
3:45	54	0.0000	0.0000	3:45	131	0.0460	46.0288	3:45	N/A	0	0.0000	3:45	35	0.0000	0.0000	
4:00	54	0.0000	0.0000	4:00	131	0.0454	45.3776	4:00	N/A	0	0.0000	4:00	35	0.0000	0.0000	
4:15	54	0.0000	0.0000	4:15	131	0.0457	45.6559	4:15	N/A	0	0.0000	4:15	35	0.0000	0.0000	
4:30	54	0.0000	0.0000	4:30	131	0.0449	44.8616	4:30	N/A	0	0.0000	4:30	35	0.0000	0.0000	
4:45	54	0.0000	0.0000	4:45	131	0.0430	43.0163	4:45	N/A	0	0.0000	4:45	35	0.0000	0.0000	
5:00	54	0.0000	0.0000	5:00	131	0.0430	42.9610	5:00	N/A	0	0.0000	5:00	35	0.0000	0.0000	
5:15	54	0.0000	0.0000	5:15	131	0.0431	43.0521	5:15	N/A	0	0.0000	5:15	35	0.0000	0.0000	
5:30	54	0.0000	0.0000	5:30	131	0.0431	43.0977	5:30	N/A	0	0.0000	5:30	35	0.0000	0.0000	
5:45	54	0.0000	0.0000	5:45	131	0.0432	43.2425	5:45	N/A	0	0.0000	5:45	35	0.0000	0.0000	
6:00	54	0.0000	0.0000	6:00	131	0.0435	43.5024	6:00	N/A	0	0.0000	6:00	35	0.0000	0.0000	
6:15	54	0.0000	0.0000	6:15	131	0.0446	44.6456	6:15	N/A	0	0.0000	6:15	35	0.0000	0.0000	
6:30	54	0.0000	0.0000	6:30	131	0.0448	44.7952	6:30	N/A	0	0.0000	6:30	35	0.0000	0.0000	
6:45	54	0.0000	0.0000	6:45	131	0.0454	45.4338	6:45	N/A	0	0.0000	6:45	35	0.0000	0.0000	
7:00	54	0.0000	0.0000	7:00	131	0.0461	46.0665	7:00	N/A	0	0.0000	7:00	35	0.0000	0.0000	
7:15	54	0.0000	0.0000	7:15	131	0.0466	46.5861	7:15	N/A	0	0.0000	7:15	35	0.0000	0.0000	
7:30	54	0.0000	0.0000	7:30	131	0.0456	45.5827	7:30	N/A	0	0.0000	7:30	35	0.0000	0.0000	
7:45	54	0.0000	0.0000	7:45	131	0.0466	46.5632	7:45	N/A	0	0.0000	7:45	35	0.0000	0.0000	
8:00	54	0.0000	0.0000	8:00	131	0.0476	47.5601	8:00	N/A	0	0.0000	8:00	35	0.0000	0.0000	
8:15	54	0.0000	0.0000	8:15	131	0.0489	48.8697	8:15	N/A	0	0.0000	8:15	35	0.0000	0.0000	
8:30	54	0.0000	0.0340	8:30	131	0.0518	51.7853	8:30	N/A	0	0.0000	8:30	35	0.0015	1.4753	
8:45	54	0.0004	0.3917	8:45	131	0.0577	57.7461	8:45	N/A	0	0.0000	8:45	35	0.0029	2.8691	
9:00	54	0.0005	0.4635	9:00	131	0.0503	50.2912	9:00	N/A	0	0.0000	9:00	35	0.0019	1.8939	
9:15	54	0.0002	0.2087	9:15	131	0.0549	54.9314	9:15	N/A	0	0.0000	9:15	35	0.0018	1.7850	
9:30	54	0.0000	0.0414	9:30	131	0.0509	50.8887	9:30	N/A	0	0.0000	9:30	35	0.0003	0.2810	
9:45	54	0.0000	0.0000	9:45	131	0.0510	50.9754	9:45	N/A	0	0.0000	9:45	35	0.0000	0.0000	
10:00	54	0.0000	0.0000	10:00	131	0.0498	49.8306	10:00	N/A	0	0.0000	10:00	35	0.0000	0.0000	
10:15	54	0.0000	0.0000	10:15	131	0.0499	49.9311	10:15	N/A	0	0.0000	10:15	35	0.0000	0.0000	
10:30	54	0.0000	0.0000	10:30	131	0.0505	50.5469	10:30	N/A	0	0.0000	10:30	35	0.0012	1.2375	

10:45	54	0.0000	0.0000	10:45	131	0.0549	54.8701	10:45	N/A	0	0.0000	10:45	35	0.0014	1.4454	
11:00	54	0.0000	0.0022	11:00	131	0.0500	49.9700	11:00	N/A	0	0.0000	11:00	35	0.0003	0.3200	
11:15	54	0.0000	0.0021	11:15	131	0.0558	55.7741	11:15	N/A	0	0.0000	11:15	35	0.0027	2.6578	
11:30	54	0.0000	0.0000	11:30	131	0.0567	56.6835	11:30	N/A	0	0.0000	11:30	35	0.0027	2.7133	
11:45	54	0.0000	0.0000	11:45	131	0.0480	48.0310	11:45	N/A	0	0.0000	11:45	35	0.0019	1.9080	
12:00	54	0.0002	0.1692	12:00	131	0.0560	56.0442	12:00	N/A	0	0.0000	12:00	35	0.0043	4.3336	
12:15	54	0.0007	0.7462	12:15	131	0.0538	53.8340	12:15	N/A	0	0.0000	12:15	35	0.0035	3.5251	
12:30	54	0.0006	0.5591	12:30	131	0.0538	53.8469	12:30	N/A	0	0.0000	12:30	35	0.0027	2.6679	
12:45	54	0.0000	0.0000	12:45	131	0.0490	48.9994	12:45	N/A	0	0.0000	12:45	35	0.0036	3.5968	
13:00	54	0.0000	0.0000	13:00	131	0.0502	50.1725	13:00	N/A	0	0.0000	13:00	35	0.0037	3.6836	
13:15	54	0.0000	0.0000	13:15	131	0.0486	48.5908	13:15	N/A	0	0.0000	13:15	35	0.0034	3.3681	
13:30	54	0.0000	0.0000	13:30	131	0.0482	48.2240	13:30	N/A	0	0.0000	13:30	35	0.0031	3.1409	
13:45	54	0.0000	0.0000	13:45	131	0.0480	48.0333	13:45	N/A	0	0.0000	13:45	35	0.0024	2.3508	
14:00	54	0.0000	0.0000	14:00	131	0.0473	47.3163	14:00	N/A	0	0.0000	14:00	35	0.0023	2.2603	
14:15	54	0.0000	0.0000	14:15	131	0.0447	44.6850	14:15	N/A	0	0.0000	14:15	35	0.0015	1.4715	
14:30	54	0.0000	0.0000	14:30	131	0.0437	43.6991	14:30	N/A	0	0.0000	14:30	35	0.0021	2.1450	
14:45	54	0.0000	0.0000	14:45	131	0.0462	46.2472	14:45	N/A	0	0.0000	14:45	35	0.0031	3.1369	
15:00	54	0.0000	0.0000	15:00	131	0.0483	48.2547	15:00	N/A	0	0.0000	15:00	35	0.0036	3.6128	
15:15	54	0.0000	0.0000	15:15	131	0.0428	42.8085	15:15	N/A	0	0.0000	15:15	35	0.0021	2.1494	
15:30	54	0.0000	0.0000	15:30	131	0.0472	47.2239	15:30	N/A	0	0.0000	15:30	35	0.0025	2.5069	
15:45	54	0.0000	0.0000	15:45	131	0.0456	45.6024	15:45	N/A	0	0.0000	15:45	35	0.0034	3.3776	
16:00	54	0.0000	0.0000	16:00	131	0.0447	44.6635	16:00	N/A	0	0.0000	16:00	35	0.0031	3.1220	
16:15	54	0.0000	0.0000	16:15	131	0.0427	42.6941	16:15	N/A	0	0.0000	16:15	35	0.0031	3.1292	
16:30	54	0.0000	0.0000	16:30	131	0.0394	39.4076	16:30	N/A	0	0.0000	16:30	35	0.0021	2.0669	
16:45	54	0.0000	0.0000	16:45	131	0.0421	42.0817	16:45	N/A	0	0.0000	16:45	35	0.0015	1.4844	
17:00	54	0.0000	0.0000	17:00	131	0.0398	39.8420	17:00	N/A	0	0.0000	17:00	35	0.0016	1.5593	
17:15	54	0.0000	0.0000	17:15	131	0.0404	40.4177	17:15	N/A	0	0.0000	17:15	35	0.0021	2.0718	
17:30	54	0.0000	0.0000	17:30	131	0.0440	43.9931	17:30	N/A	0	0.0000	17:30	35	0.0026	2.5730	
17:45	54	0.0000	0.0000	17:45	131	0.0442	44.2283	17:45	N/A	0	0.0000	17:45	35	0.0023	2.2732	
18:00	54	0.0000	0.0000	18:00	131	0.0474	47.4091	18:00	N/A	0	0.0000	18:00	35	0.0028	2.8466	
18:15	54	0.0000	0.0000	18:15	131	0.0474	47.4053	18:15	N/A	0	0.0000	18:15	35	0.0037	3.7415	
18:30	54	0.0000	0.0000	18:30	131	0.0478	47.8149	18:30	N/A	0	0.0000	18:30	35	0.0043	4.3071	
18:45	54	0.0000	0.0122	18:45	131	0.0478	47.7859	18:45	N/A	0	0.0000	18:45	35	0.0042	4.2274	
19:00	54	0.0001	0.0914	19:00	131	0.0476	47.6395	19:00	N/A	0	0.0000	19:00	35	0.0039	3.9371	
19:15	54	0.0002	0.1530	19:15	131	0.0455	45.5259	19:15	N/A	0	0.0000	19:15	35	0.0027	2.7335	
19:30	54	0.0000	0.0000	19:30	131	0.0447	44.7476	19:30	N/A	0	0.0000	19:30	35	0.0022	2.2366	
19:45	54	0.0002	0.1768	19:45	131	0.0471	47.1249	19:45	N/A	0	0.0000	19:45	35	0.0037	3.7020	
20:00	54	0.0006	0.6128	20:00	131	0.0447	44.7337	20:00	N/A	0	0.0000	20:00	35	0.0031	3.1081	
20:15	54	0.0009	0.9136	20:15	131	0.0488	48.7779	20:15	N/A	0	0.0000	20:15	35	0.0032	3.2043	
20:30	54	0.0011	1.1275	20:30	131	0.0480	48.0058	20:30	N/A	0	0.0000	20:30	35	0.0035	3.4556	
20:45	54	0.0005	0.4585	20:45	131	0.0429	42.8641	20:45	N/A	0	0.0000	20:45	35	0.0010	1.0216	
21:00	54	0.0000	0.0000	21:00	131	0.0413	41.2785	21:00	N/A	0	0.0000	21:00	35	0.0000	0.0000	
21:15	54	0.0000	0.0000	21:15	131	0.0419	41.8884	21:15	N/A	0	0.0000	21:15	35	0.0000	0.0000	
21:30	54	0.0009	0.9100	21:30	131	0.0470	46.9989	21:30	N/A	0	0.0000	21:30	35	0.0027	2.6919	
21:45	54	0.0026	2.5656	21:45	131	0.0515	51.4567	21:45	N/A	0	0.0000	21:45	35	0.0051	5.0686	
22:00	54	0.0014	1.3688	22:00	131	0.0493	49.2510	22:00	N/A	0	0.0000	22:00	35	0.0033	3.3424	
22:15	54	0.0012	1.1964	22:15	131	0.0477	47.6833	22:15	N/A	0	0.0000	22:15	35	0.0032	3.1709	
22:30	54	0.0014	1.4374	22:30	131	0.0472	47.2467	22:30	N/A	0	0.0000	22:30	35	0.0039	3.8946	
22:45	54	0.0010	1.0265	22:45	131	0.0450	44.9712	22:45	N/A	0	0.0000	22:45	35	0.0033	3.3237	
23:00	54	0.0000	0.0000	23:00	131	0.0413	41.3258	23:00	N/A	0	0.0000	23:00	35	0.0000	0.0000	
23:15	54	0.0000	0.0000	23:15	131	0.0398	39.7998	23:15	N/A	0	0.0000	23:15	35	0.0000	0.0000	
23:30	54	0.0000	0.0000	23:30	131	0.0396	39.6141	23:30	N/A	0	0.0000	23:30	35	0.0000	0.0000	
23:45	54	0.0000	0.0000	23:45	131	0.0396	39.6227	23:45	N/A	0	0.0000	23:45	35	0.0000	0.0000	



Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

05/30/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/30/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/30/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/30/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	54	0.0000	0.0000	0:00	131	0.0394	39.3574	0:00	N/A	0	0.0000	0:00	35	0.0000	0.0000	
0:15	54	0.0000	0.0000	0:15	131	0.0391	39.1287	0:15	N/A	0	0.0000	0:15	35	0.0000	0.0000	
0:30	54	0.0000	0.0000	0:30	131	0.0384	38.4317	0:30	N/A	0	0.0000	0:30	35	0.0000	0.0000	
0:45	54	0.0000	0.0000	0:45	131	0.0373	37.3411	0:45	N/A	0	0.0000	0:45	35	0.0000	0.0000	
1:00	54	0.0000	0.0000	1:00	131	0.0354	35.3954	1:00	N/A	0	0.0000	1:00	35	0.0000	0.0000	
1:15	54	0.0000	0.0000	1:15	131	0.0335	33.4613	1:15	N/A	0	0.0000	1:15	35	0.0000	0.0000	
1:30	54	0.0000	0.0000	1:30	131	0.0321	32.0784	1:30	N/A	0	0.0000	1:30	35	0.0000	0.0000	
1:45	54	0.0000	0.0000	1:45	131	0.0309	30.9101	1:45	N/A	0	0.0000	1:45	35	0.0000	0.0000	
2:00	54	0.0000	0.0000	2:00	131	0.0289	28.8933	2:00	N/A	0	0.0000	2:00	35	0.0000	0.0000	
2:15	54	0.0000	0.0000	2:15	131	0.0267	26.6699	2:15	N/A	0	0.0000	2:15	35	0.0000	0.0000	
2:30	54	0.0000	0.0000	2:30	131	0.0251	25.1393	2:30	N/A	0	0.0000	2:30	35	0.0000	0.0000	
2:45	54	0.0000	0.0000	2:45	131	0.0245	24.5068	2:45	N/A	0	0.0000	2:45	35	0.0000	0.0000	
3:00	54	0.0000	0.0000	3:00	131	0.0251	25.1048	3:00	N/A	0	0.0000	3:00	35	0.0000	0.0000	
3:15	54	0.0000	0.0000	3:15	131	0.0255	25.5134	3:15	N/A	0	0.0000	3:15	35	0.0000	0.0000	
3:30	54	0.0000	0.0000	3:30	131	0.0249	24.8529	3:30	N/A	0	0.0000	3:30	35	0.0000	0.0000	
3:45	54	0.0000	0.0000	3:45	131	0.0232	23.1962	3:45	N/A	0	0.0000	3:45	35	0.0000	0.0000	
4:00	54	0.0000	0.0000	4:00	131	0.0208	20.8056	4:00	N/A	0	0.0000	4:00	35	0.0000	0.0000	
4:15	54	0.0000	0.0000	4:15	131	0.0185	18.4931	4:15	N/A	0	0.0000	4:15	35	0.0000	0.0000	
4:30	54	0.0000	0.0000	4:30	131	0.0167	16.6994	4:30	N/A	0	0.0000	4:30	35	0.0000	0.0000	
4:45	54	0.0000	0.0000	4:45	131	0.0164	16.3704	4:45	N/A	0	0.0000	4:45	35	0.0001	0.0986	
5:00	54	0.0000	0.0000	5:00	131	0.0167	16.6650	5:00	N/A	0	0.0000	5:00	35	0.0008	0.7891	
5:15	54	0.0000	0.0000	5:15	131	0.0149	14.8551	5:15	N/A	0	0.0000	5:15	35	0.0000	0.0000	
5:30	54	0.0000	0.0000	5:30	131	0.0142	14.2428	5:30	N/A	0	0.0000	5:30	35	0.0000	0.0000	
5:45	54	0.0000	0.0000	5:45	131	0.0137	13.6874	5:45	N/A	0	0.0000	5:45	35	0.0000	0.0000	
6:00	54	0.0000	0.0000	6:00	131	0.0126	12.6014	6:00	N/A	0	0.0000	6:00	35	0.0000	0.0000	
6:15	54	0.0000	0.0000	6:15	131	0.0123	12.3493	6:15	N/A	0	0.0000	6:15	35	0.0000	0.0000	
6:30	54	0.0000	0.0000	6:30	131	0.0122	12.2270	6:30	N/A	0	0.0000	6:30	35	0.0000	0.0000	
6:45	54	0.0000	0.0000	6:45	131	0.0117	11.6716	6:45	N/A	0	0.0000	6:45	35	0.0000	0.0000	
7:00	54	0.0000	0.0000	7:00	131	0.0114	11.3897	7:00	N/A	0	0.0000	7:00	35	0.0000	0.0000	
7:15	54	0.0000	0.0000	7:15	131	0.0113	11.3302	7:15	N/A	0	0.0000	7:15	35	0.0000	0.0000	
7:30	54	0.0000	0.0000	7:30	131	0.0122	12.1515	7:30	N/A	0	0.0000	7:30	35	0.0000	0.0000	
7:45	54	0.0000	0.0000	7:45	131	0.0133	13.2784	7:45	N/A	0	0.0000	7:45	35	0.0000	0.0000	
8:00	54	0.0000	0.0003	8:00	131	0.0160	16.0361	8:00	N/A	0	0.0000	8:00	35	0.0002	0.2280	
8:15	54	0.0003	0.2794	8:15	131	0.0203	20.3236	8:15	N/A	0	0.0000	8:15	35	0.0021	2.0516	
8:30	54	0.0002	0.1668	8:30	131	0.0203	20.3189	8:30	N/A	0	0.0000	8:30	35	0.0012	1.1530	
8:45	54	0.0004	0.4115	8:45	131	0.0193	19.3428	8:45	N/A	0	0.0000	8:45	35	0.0013	1.3437	
9:00	54	0.0003	0.3470	9:00	131	0.0205	20.4719	9:00	N/A	0	0.0000	9:00	35	0.0019	1.9142	
9:15	54	0.0000	0.0307	9:15	131	0.0162	16.1750	9:15	N/A	0	0.0000	9:15	35	0.0007	0.7164	
9:30	54	0.0003	0.3396	9:30	131	0.0194	19.4106	9:30	N/A	0	0.0000	9:30	35	0.0020	2.0167	
9:45	54	0.0016	1.5899	9:45	131	0.0180	18.0339	9:45	N/A	0	0.0000	9:45	35	0.0038	3.8451	
10:00	54	0.0015	1.4991	10:00	131	0.0169	16.9422	10:00	N/A	0	0.0000	10:00	35	0.0034	3.4301	
10:15	54	0.0009	0.9046	10:15	131	0.0154	15.3954	10:15	N/A	0	0.0000	10:15	35	0.0037	3.7151	
10:30	54	0.0015	1.4625	10:30	131	0.0151	15.1038	10:30	N/A	0	0.0000	10:30	35	0.0033	3.2823	

10:45	54	0.0005	0.4820	10:45	131	0.0116	11.6049	10:45	N/A	0	0.0000	10:45	35	0.0022	2.1939
11:00	54	0.0005	0.4793	11:00	131	0.0055	5.4646	11:00	N/A	0	0.0000	11:00	35	0.0023	2.3101
11:15	54	0.0000	0.0435	11:15	131	0.0008	0.8245	11:15	N/A	0	0.0000	11:15	35	0.0006	0.6289
11:30	54	0.0000	0.0000	11:30	131	0.0008	0.7620	11:30	N/A	0	0.0000	11:30	35	0.0004	0.3674
11:45	54	0.0000	0.0000	11:45	131	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	35	0.0000	0.0319
12:00	54	0.0000	0.0000	12:00	131	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	35	0.0000	0.0000
12:15	54	0.0000	0.0000	12:15	131	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	35	0.0000	0.0000
12:30	54	0.0000	0.0000	12:30	131	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	35	0.0000	0.0000
12:45	54	0.0000	0.0000	12:45	131	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	35	0.0000	0.0000
13:00	54	0.0000	0.0000	13:00	131	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	35	0.0000	0.0000
13:15	54	0.0000	0.0000	13:15	131	0.0000	0.0000	13:15	N/A	0	0.0000	13:15	35	0.0000	0.0000
13:30	54	0.0000	0.0000	13:30	131	0.0000	0.0212	13:30	N/A	0	0.0000	13:30	35	0.0000	0.0000
13:45	54	0.0000	0.0000	13:45	131	0.0003	0.2640	13:45	N/A	0	0.0000	13:45	35	0.0000	0.0000
14:00	54	0.0000	0.0000	14:00	131	0.0008	0.7665	14:00	N/A	0	0.0000	14:00	35	0.0000	0.0000
14:15	54	0.0000	0.0000	14:15	131	0.0000	0.0489	14:15	N/A	0	0.0000	14:15	35	0.0000	0.0000
14:30	54	0.0000	0.0000	14:30	131	0.0004	0.3913	14:30	N/A	0	0.0000	14:30	35	0.0000	0.0000
14:45	54	0.0000	0.0000	14:45	131	0.0000	0.0000	14:45	N/A	0	0.0000	14:45	35	0.0000	0.0000
15:00	54	0.0000	0.0000	15:00	131	0.0000	0.0000	15:00	N/A	0	0.0000	15:00	35	0.0000	0.0000
15:15	54	0.0000	0.0000	15:15	131	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	35	0.0000	0.0000
15:30	54	0.0000	0.0000	15:30	131	0.0000	0.0000	15:30	N/A	0	0.0000	15:30	35	0.0000	0.0000
15:45	54	0.0000	0.0000	15:45	131	0.0000	0.0000	15:45	N/A	0	0.0000	15:45	35	0.0000	0.0000
16:00	54	0.0000	0.0000	16:00	131	0.0000	0.0000	16:00	N/A	0	0.0000	16:00	35	0.0000	0.0000
16:15	54	0.0000	0.0000	16:15	131	0.0000	0.0000	16:15	N/A	0.0006145	0.6145	16:15	35	0.0000	0.0000
16:30	54	0.0000	0.0000	16:30	131	0.0000	0.0000	16:30	N/A	0.0004286	0.4286	16:30	35	0.0000	0.0000
16:45	54	0.0000	0.0000	16:45	131	0.0000	0.0000	16:45	N/A	0.0005206	0.5206	16:45	35	0.0000	0.0000
17:00	54	0.0000	0.0000	17:00	131	0.0000	0.0000	17:00	N/A	0.0007663	0.7663	17:00	35	0.0000	0.0000
17:15	54	0.0000	0.0000	17:15	131	0.0000	0.0000	17:15	N/A	0.0010216	1.0216	17:15	35	0.0000	0.0000
17:30	54	0.0000	0.0000	17:30	131	0.0000	0.0000	17:30	N/A	0.0012285	1.2285	17:30	35	0.0000	0.0000
17:45	54	0.0000	0.0000	17:45	131	0.0000	0.0000	17:45	N/A	0.0013423	1.3423	17:45	35	0.0004	0.4090
18:00	54	0.0000	0.0000	18:00	131	0.0000	0.0000	18:00	N/A	0.0019935	1.9935	18:00	35	0.0004	0.3801
18:15	54	0.0000	0.0000	18:15	131	0.0000	0.0000	18:15	N/A	0.0026242	2.6242	18:15	35	0.0004	0.4111
18:30	54	0.0000	0.0000	18:30	131	0.0000	0.0000	18:30	N/A	0.0034028	3.4028	18:30	35	0.0005	0.4547
18:45	54	0.0000	0.0000	18:45	131	0.0000	0.0000	18:45	N/A	0.003342	3.3420	18:45	35	0.0025	2.5350
19:00	54	0.0000	0.0000	19:00	131	0.0000	0.0000	19:00	N/A	0.0041995	4.1995	19:00	35	0.0018	1.7747
19:15	54	0.0000	0.0000	19:15	131	0.0000	0.0000	19:15	N/A	0.0048052	4.8052	19:15	35	0.0016	1.5621
19:30	54	0.0000	0.0000	19:30	131	0.0000	0.0000	19:30	N/A	0.0054219	5.4219	19:30	35	0.0017	1.7068
19:45	54	0.0000	0.0000	19:45	131	0.0000	0.0000	19:45	N/A	0.0054535	5.4535	19:45	35	0.0006	0.5741
20:00	54	0.0000	0.0000	20:00	131	0.0000	0.0000	20:00	N/A	0.0059541	5.9541	20:00	35	0.0005	0.5398
20:15	54	0.0000	0.0000	20:15	131	0.0000	0.0000	20:15	N/A	0.0048812	4.8812	20:15	35	0.0004	0.3945
20:30	54	0.0000	0.0000	20:30	131	0.0000	0.0000	20:30	N/A	0.0028734	2.8734	20:30	35	0.0000	0.0000
20:45	54	0.0000	0.0000	20:45	131	0.0074	7.4097	20:45	N/A	0.0010377	1.0377	20:45	35	0.0000	0.0000
21:00	54	0.0000	0.0000	21:00	131	0.0088	8.7887	21:00	N/A	0.0001076	0.1076	21:00	35	0.0000	0.0000
21:15	54	0.0000	0.0000	21:15	131	0.0203	20.3220	21:15	N/A	0	0.0000	21:15	35	0.0000	0.0000
21:30	54	0.0000	0.0000	21:30	131	0.0260	26.0298	21:30	N/A	0	0.0000	21:30	35	0.0000	0.0000
21:45	54	0.0000	0.0000	21:45	131	0.0269	26.8897	21:45	N/A	0	0.0000	21:45	35	0.0000	0.0000
22:00	54	0.0000	0.0000	22:00	131	0.0273	27.2659	22:00	N/A	0	0.0000	22:00	35	0.0000	0.0000
22:15	54	0.0001	0.0966	22:15	131	0.0254	25.3801	22:15	N/A	0	0.0000	22:15	35	0.0000	0.0000
22:30	54	0.0001	0.0595	22:30	131	0.0254	25.4340	22:30	N/A	0	0.0000	22:30	35	0.0000	0.0000
22:45	54	0.0000	0.0000	22:45	131	0.0237	23.7478	22:45	N/A	0	0.0000	22:45	35	0.0000	0.0000
23:00	54	0.0000	0.0000	23:00	131	0.0240	23.9972	23:00	N/A	0	0.0000	23:00	35	0.0000	0.0000
23:15	54	0.0000	0.0000	23:15	131	0.0253	25.3453	23:15	N/A	0	0.0000	23:15	35	0.0000	0.0000
23:30	54	0.0000	0.0000	23:30	131	0.0262	26.2095	23:30	N/A	0	0.0000	23:30	35	0.0000	0.0000
23:45	54	0.0000	0.0000	23:45	131	0.0266	26.6195	23:45	N/A	0	0.0000	23:45	35	0.0000	0.0000



Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

05/31/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	05/31/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	05/31/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	05/31/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	54	0.0000	0.0000	0:00	131	0.0266	26.5885	0:00	N/A	0	0.0000	0:00	35	0.0000	0.0000	
0:15	54	0.0000	0.0000	0:15	131	0.0270	26.9876	0:15	N/A	0	0.0000	0:15	35	0.0000	0.0000	
0:30	54	0.0000	0.0000	0:30	131	0.0282	28.2178	0:30	N/A	0	0.0000	0:30	35	0.0000	0.0000	
0:45	54	0.0000	0.0000	0:45	131	0.0287	28.6957	0:45	N/A	0	0.0000	0:45	35	0.0000	0.0000	
1:00	54	0.0000	0.0000	1:00	131	0.0299	29.9168	1:00	N/A	0	0.0000	1:00	35	0.0000	0.0000	
1:15	54	0.0000	0.0000	1:15	131	0.0307	30.6523	1:15	N/A	0	0.0000	1:15	35	0.0000	0.0000	
1:30	54	0.0000	0.0000	1:30	131	0.0313	31.2737	1:30	N/A	0	0.0000	1:30	35	0.0000	0.0000	
1:45	54	0.0000	0.0000	1:45	131	0.0316	31.6205	1:45	N/A	0	0.0000	1:45	35	0.0000	0.0000	
2:00	54	0.0000	0.0000	2:00	131	0.0318	31.8408	2:00	N/A	0	0.0000	2:00	35	0.0000	0.0000	
2:15	54	0.0000	0.0000	2:15	131	0.0321	32.1352	2:15	N/A	0	0.0000	2:15	35	0.0000	0.0000	
2:30	54	0.0000	0.0000	2:30	131	0.0324	32.3799	2:30	N/A	0	0.0000	2:30	35	0.0000	0.0000	
2:45	54	0.0000	0.0000	2:45	131	0.0328	32.7830	2:45	N/A	0	0.0000	2:45	35	0.0000	0.0000	
3:00	54	0.0000	0.0000	3:00	131	0.0329	32.9432	3:00	N/A	0	0.0000	3:00	35	0.0000	0.0000	
3:15	54	0.0000	0.0000	3:15	131	0.0330	32.9604	3:15	N/A	0	0.0000	3:15	35	0.0000	0.0000	
3:30	54	0.0000	0.0000	3:30	131	0.0325	32.5221	3:30	N/A	0	0.0000	3:30	35	0.0000	0.0000	
3:45	54	0.0000	0.0000	3:45	131	0.0324	32.4420	3:45	N/A	0	0.0000	3:45	35	0.0000	0.0000	
4:00	54	0.0000	0.0000	4:00	131	0.0326	32.5919	4:00	N/A	0	0.0000	4:00	35	0.0000	0.0000	
4:15	54	0.0000	0.0000	4:15	131	0.0316	31.6022	4:15	N/A	0	0.0000	4:15	35	0.0000	0.0000	
4:30	54	0.0000	0.0000	4:30	131	0.0312	31.2343	4:30	N/A	0	0.0000	4:30	35	0.0000	0.0000	
4:45	54	0.0000	0.0000	4:45	131	0.0308	30.7967	4:45	N/A	0	0.0000	4:45	35	0.0000	0.0000	
5:00	54	0.0000	0.0000	5:00	131	0.0310	31.0379	5:00	N/A	0	0.0000	5:00	35	0.0000	0.0000	
5:15	54	0.0000	0.0000	5:15	131	0.0320	31.9756	5:15	N/A	0	0.0000	5:15	35	0.0000	0.0000	
5:30	54	0.0000	0.0000	5:30	131	0.0325	32.4805	5:30	N/A	0	0.0000	5:30	35	0.0000	0.0000	
5:45	54	0.0000	0.0000	5:45	131	0.0329	32.8855	5:45	N/A	0	0.0000	5:45	35	0.0000	0.0000	
6:00	54	0.0000	0.0000	6:00	131	0.0333	33.3472	6:00	N/A	0	0.0000	6:00	35	0.0000	0.0000	
6:15	54	0.0000	0.0000	6:15	131	0.0339	33.8557	6:15	N/A	0	0.0000	6:15	35	0.0000	0.0000	
6:30	54	0.0000	0.0000	6:30	131	0.0352	35.2020	6:30	N/A	0	0.0000	6:30	35	0.0000	0.0000	
6:45	54	0.0000	0.0000	6:45	131	0.0366	36.5533	6:45	N/A	0	0.0000	6:45	35	0.0000	0.0000	
7:00	54	0.0000	0.0000	7:00	131	0.0377	37.7414	7:00	N/A	0	0.0000	7:00	35	0.0000	0.0000	
7:15	54	0.0000	0.0000	7:15	131	0.0398	39.7976	7:15	N/A	0	0.0000	7:15	35	0.0000	0.0000	
7:30	54	0.0000	0.0000	7:30	131	0.0420	42.0035	7:30	N/A	0	0.0000	7:30	35	0.0000	0.0000	
7:45	54	0.0000	0.0000	7:45	131	0.0436	43.6331	7:45	N/A	0	0.0000	7:45	35	0.0000	0.0000	
8:00	54	0.0000	0.0000	8:00	131	0.0455	45.5493	8:00	N/A	0	0.0000	8:00	35	0.0000	0.0000	
8:15	54	0.0000	0.0000	8:15	131	0.0468	46.7861	8:15	N/A	0	0.0000	8:15	35	0.0000	0.0000	
8:30	54	0.0000	0.0000	8:30	131	0.0472	47.1988	8:30	N/A	0	0.0000	8:30	35	0.0000	0.0000	
8:45	54	0.0000	0.0000	8:45	131	0.0489	48.9019	8:45	N/A	0	0.0000	8:45	35	0.0000	0.0000	
9:00	54	0.0000	0.0000	9:00	131	0.0521	52.1213	9:00	N/A	0	0.0000	9:00	35	0.0000	0.0000	
9:15	54	0.0010	1.0458	9:15	131	0.0579	57.8503	9:15	N/A	0	0.0000	9:15	35	0.0010	0.9574	
9:30	54	0.0032	3.1733	9:30	131	0.0631	63.1318	9:30	N/A	0	0.0000	9:30	35	0.0050	4.9869	
9:45	54	0.0023	2.3438	9:45	131	0.0618	61.8285	9:45	N/A	0	0.0000	9:45	35	0.0018	1.7898	
10:00	54	0.0020	2.0215	10:00	131	0.0598	59.7632	10:00	N/A	0	0.0000	10:00	35	0.0022	2.2076	
10:15	54	0.0027	2.7240	10:15	131	0.0609	60.8877	10:15	N/A	0	0.0000	10:15	35	0.0046	4.6009	
10:30	54	0.0016	1.5865	10:30	131	0.0552	55.1569	10:30	N/A	0	0.0000	10:30	35	0.0018	1.8115	

10:45	54	0.0006	0.6471	10:45	131	0.0459	45.9032	10:45	N/A	0	0.0000	10:45	35	0.0027	2.6896	
11:00	54	0.0005	0.4922	11:00	131	0.0392	39.2199	11:00	N/A	0	0.0000	11:00	35	0.0012	1.2029	
11:15	54	0.0000	0.0048	11:15	131	0.0341	34.1182	11:15	N/A	0	0.0000	11:15	35	0.0019	1.8922	
11:30	54	0.0000	0.0000	11:30	131	0.0325	32.4827	11:30	N/A	0	0.0000	11:30	35	0.0024	2.3824	
11:45	54	0.0000	0.0328	11:45	131	0.0337	33.7232	11:45	N/A	0	0.0000	11:45	35	0.0025	2.5368	
12:00	54	0.0003	0.2976	12:00	131	0.0336	33.5820	12:00	N/A	0	0.0000	12:00	35	0.0029	2.8867	
12:15	54	0.0005	0.5236	12:15	131	0.0334	33.3551	12:15	N/A	0	0.0000	12:15	35	0.0037	3.7451	
12:30	54	0.0002	0.1718	12:30	131	0.0301	30.0952	12:30	N/A	0	0.0000	12:30	35	0.0040	3.9604	
12:45	54	0.0004	0.3799	12:45	131	0.0260	25.9643	12:45	N/A	0	0.0000	12:45	35	0.0041	4.1466	
13:00	54	0.0003	0.2827	13:00	131	0.0212	21.2392	13:00	N/A	0	0.0000	13:00	35	0.0025	2.4708	
13:15	54	0.0000	0.0000	13:15	131	0.0190	19.0346	13:15	N/A	0	0.0000	13:15	35	0.0016	1.6136	
13:30	54	0.0000	0.0062	13:30	131	0.0171	17.1190	13:30	N/A	0	0.0000	13:30	35	0.0016	1.6056	
13:45	54	0.0001	0.0824	13:45	131	0.0215	21.5080	13:45	N/A	0	0.0000	13:45	35	0.0038	3.8292	
14:00	54	0.0003	0.2781	14:00	131	0.0263	26.3450	14:00	N/A	0	0.0000	14:00	35	0.0030	3.0265	
14:15	54	0.0002	0.2087	14:15	131	0.0306	30.5987	14:15	N/A	0	0.0000	14:15	35	0.0024	2.3833	
14:30	54	0.0004	0.3726	14:30	131	0.0308	30.7943	14:30	N/A	0	0.0000	14:30	35	0.0033	3.2833	
14:45	54	0.0008	0.8109	14:45	131	0.0287	28.6600	14:45	N/A	0	0.0000	14:45	35	0.0039	3.8621	
15:00	54	0.0004	0.3889	15:00	131	0.0268	26.8333	15:00	N/A	0	0.0000	15:00	35	0.0046	4.5768	
15:15	54	0.0011	1.1441	15:15	131	0.0278	27.8400	15:15	N/A	0	0.0000	15:15	35	0.0070	6.9838	
15:30	54	0.0011	1.0897	15:30	131	0.0289	28.9207	15:30	N/A	0	0.0000	15:30	35	0.0074	7.3663	
15:45	54	0.0016	1.5804	15:45	131	0.0306	30.6070	15:45	N/A	0	0.0000	15:45	35	0.0090	9.0244	
16:00	54	0.0021	2.0777	16:00	131	0.0303	30.3260	16:00	N/A	0	0.0000	16:00	35	0.0101	10.0923	
16:15	54	0.0019	1.9363	16:15	131	0.0282	28.1698	16:15	N/A	0	0.0000	16:15	35	0.0103	10.3174	
16:30	54	0.0024	2.3999	16:30	131	0.0271	27.0766	16:30	N/A	0	0.0000	16:30	35	0.0117	11.6692	
16:45	54	0.0034	3.3865	16:45	131	0.0290	28.9777	16:45	N/A	0	0.0000	16:45	35	0.0138	13.8041	
17:00	54	0.0031	3.1199	17:00	131	0.0300	30.0379	17:00	N/A	3.186E-05	0.0319	17:00	35	0.0141	14.1423	
17:15	54	0.0029	2.9130	17:15	131	0.0302	30.1957	17:15	N/A	0.0008616	0.8616	17:15	35	0.0140	14.0458	
17:30	54	0.0027	2.6707	17:30	131	0.0282	28.1911	17:30	N/A	0.0019372	1.9372	17:30	35	0.0153	15.2623	
17:45	54	0.0019	1.8641	17:45	131	0.0259	25.9035	17:45	N/A	0.0029024	2.9024	17:45	35	0.0150	15.0143	
18:00	54	0.0012	1.1959	18:00	131	0.0261	26.0695	18:00	N/A	0.0040803	4.0803	18:00	35	0.0153	15.2563	
18:15	54	0.0005	0.4574	18:15	131	0.0243	24.2943	18:15	N/A	0.0052328	5.2328	18:15	35	0.0154	15.3662	
18:30	54	0.0000	0.0000	18:30	131	0.0223	22.3335	18:30	N/A	0.0061517	6.1517	18:30	35	0.0152	15.2330	
18:45	54	0.0000	0.0000	18:45	131	0.0205	20.4985	18:45	N/A	0.0069303	6.9303	18:45	35	0.0153	15.2643	
19:00	54	0.0000	0.0000	19:00	131	0.0190	19.0281	19:00	N/A	0.0076026	7.6026	19:00	35	0.0148	14.8321	
19:15	54	0.0000	0.0000	19:15	131	0.0173	17.2944	19:15	N/A	0.008052	8.0520	19:15	35	0.0151	15.0974	
19:30	54	0.0000	0.0000	19:30	131	0.0145	14.5360	19:30	N/A	0.0078043	7.8043	19:30	35	0.0147	14.6708	
19:45	54	0.0000	0.0233	19:45	131	0.0153	15.2793	19:45	N/A	0.0071709	7.1709	19:45	35	0.0141	14.0859	
20:00	54	0.0002	0.2010	20:00	131	0.0172	17.2374	20:00	N/A	0.0059261	5.9261	20:00	35	0.0143	14.3452	
20:15	54	0.0000	0.0437	20:15	131	0.0247	24.6936	20:15	N/A	0.0038946	3.8946	20:15	35	0.0155	15.4812	
20:30	54	0.0009	0.9458	20:30	131	0.0326	32.5528	20:30	N/A	0.0021024	2.1024	20:30	35	0.0160	15.9742	
20:45	54	0.0025	2.5362	20:45	131	0.0380	38.0463	20:45	N/A	0.0008414	0.8414	20:45	35	0.0147	14.6790	
21:00	54	0.0013	1.3041	21:00	131	0.0384	38.4479	21:00	N/A	0.0001293	0.1293	21:00	35	0.0112	11.1541	
21:15	54	0.0001	0.1088	21:15	131	0.0382	38.1569	21:15	N/A	0	0.0000	21:15	35	0.0066	6.6205	
21:30	54	0.0018	1.7844	21:30	131	0.0375	37.4984	21:30	N/A	0	0.0000	21:30	35	0.0026	2.6014	
21:45	54	0.0001	0.1037	21:45	131	0.0377	37.7418	21:45	N/A	0	0.0000	21:45	35	0.0008	0.7835	
22:00	54	0.0070	6.9535	22:00	131	0.0383	38.2969	22:00	N/A	0	0.0000	22:00	35	0.0001	0.1034	
22:15	54	0.0036	3.5827	22:15	131	0.0393	39.2568	22:15	N/A	0	0.0000	22:15	35	0.0000	0.0000	
22:30	54	0.0022	2.1868	22:30	131	0.0414	41.3562	22:30	N/A	0	0.0000	22:30	35	0.0000	0.0000	
22:45	54	0.0024	2.3722	22:45	131	0.0420	41.9951	22:45	N/A	0	0.0000	22:45	35	0.0000	0.0000	
23:00	54	0.0014	1.3585	23:00	131	0.0442	44.2093	23:00	N/A	0	0.0000	23:00	35	0.0000	0.0000	
23:15	54	0.0042	4.2053	23:15	131	0.0466	46.5607	23:15	N/A	0	0.0000	23:15	35	0.0000	0.0000	
23:30	54	0.0001	0.1043	23:30	131	0.0491	49.1131	23:30	N/A	0	0.0000	23:30	35	0.0000	0.0000	
23:45	54	0.0017	1.6835	23:45	131	0.0510	50.9531	23:45	N/A	0	0.0000	23:45	35	0.0000	0.0000	



SITE MAP

Fenceline Monitoring Locations

- PAMS - Primary Location
- PAMS - Location not required by EPA Method 325 A & B
- MET Tower
- ◆ CAMS Locations
- Monitoring Perimeter

Environmental Resources Management, Inc.
 April 2022

Scale in Feet
 1 inch = 530 feet

Notes:
 1. PAMS 002, 004, and 006 placement not subject to EPA Method 325 A & B
 2. Distances between the monitoring stations were measured along the monitoring perimeter. Distances are in linear feet.
 3. All main roads within the facility are 2-way traffic.

Date: April 7, 2022
 Version: 7.0
 Prepared by: Brian Sterner (ERM)
 Checked by: _____
 Approved by: _____

Fenceline Monitoring Locations
 Shell Polymers
 Monaca, PA
 Sheet 1 of 1