



Shell Chemical Appalachia LLC
300 Frankfort Rd
Monaca, PA 15061

November 16, 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 November 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 Paragraph 6 of the May 24, 2023, Consent Order and Agreement (COA).

This submittal includes:

- Cumulative 12-month emissions data through end of October 2024 (see COA Exhibit A).
- Emission factors, assumptions, and calculation protocol.
- Malfunctions through October 2024.
- Fence Line Monitoring data for October 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) with the permit limits in the Plan Approval.
- For this month, NO_x 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 Nathan.levin@shell.com or kimberly.kaal@shell.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'Nathan Levin', with a stylized flourish at the end.

Nathan Levin
General Manager

CC: Michael J. Heilman, Litigation Coordinator
Valerie Shaffer, Air Quality District Supervisor
Scott Beaudway, Air Quality Specialist
Pierre Espejo, Shell Senior Legal Counsel
Martin Padilla, Health, Safety, Security and Environment 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
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 Main Burners Fuel Gas (Tail Gas, Natural Gas or Mixture of Tail gas and Natural Gas) Rated Capacity: 620 MMBtu/hr, each	- NOx, CO: CEMS analyzer hourly-block average output/Certified CEMS data. - 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. - 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. - 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. - PM-cond [all operating modes but decoke]: PM – PM filt. PM-cond emissions are negligible. - 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. - 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. - 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. - 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. - 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. - 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 - NH3 (ammonia slip): In-stack analyzer data. - 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. - 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. - N2O: 40 CFR Part 98 Subpart C Table C-2 emission factor for natural gas.	<u>PI Inputs</u> - Fuel Gas Mass Combusted Burners A-D (kg/hr) - Fuel Gas Mass Combusted Burners E-H (kg/hr) - Fuel Gas Composition (% mol) - 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 - NOx, CO Analyzer Data (Block Average) (lbs/hr) - NH3 Analyzer Data (ppmvd) - Feed Rate Ethane (tonne/hr) - Decoke Status (Open/Closed) - Coil temperature (C) - Furnace O2 % <u>Calculated/Miscellaneous Inputs</u> - Fuel Gas Molecular Weight: Fuel Gas Composition and Standard Molecular Weight of Constituents - HHV of Fuel Gas: Fuel Gas Composition and Standard Heat of Combustion for Constituents % Carbon by weight and % H2 by weight: Fuel Gas Composition - Heat Rate of Fuel Gas: Fuel Gas Mass and HHV of Fuel Gas - H2 HHV Heat Release in Fuel Gas: H2 Composition (%mol), H2 Molecular Weight, Fuel Gas Molecular Weight, Fuel Gas HHV, H2 Heat of Combustion - Furnace Operating Mode - Normal Mode: Feed Rate Ethane > 43 tonne/hr - Feed In/Out Mode: Feed Rate Ethane < 43 tonne/hr - Hot Steam Standby Mode: Furnace feed <0.1 tonne/hr - Decoke Mode: Open/Closed - SU/SD Mode: Coil temperature <750
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 Pilots (Natural Gas)	- NOx, CO: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998 until CEMS is online and verified. - 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> - Pilot Natural Gas Mass Combusted (kg/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 <u>Calculated/Miscellaneous Inputs</u> - Heat Rate (MMBtu/hr) of Pilot: Pilot 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
101: Combustion Turbine/Duct Burner Unit #1 102: Combustion Turbine/Duct Burner Unit #2 103: Combustion Turbine/Duct Burner Unit #3	- 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.	<u>PI Inputs</u> - 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 <u>Calculated/Miscellaneous Inputs</u> - Total Heat Input: Natural Gas Mass Rate and Natural Gas HHV - Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition
105: Diesel-Fired Emergency Generator Engines (2 unit) - Parking Garage Diesel Generator, 103 bhp, Cummins QSB5-G3 - Communications Tower Diesel Generator, 67 bhp, Kohler KDI 3404 TM	- 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.	<u>Data Inputs</u> - 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 <u>Calculated/Miscellaneous Inputs</u> - Heat Input (MMBtu/hr): Engine capacity and BSFC - Hourly Fuel Consumption: Heat Input and Diesel HHV
106: Fire Pump Engines (2 units) - Fire Pump A (Diesel), 488 hp, Cummins CFP15E-F10 - Fire Pump B (Diesel), 488 hp, Cummins CFP15E-F10	- 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.	<u>Data Inputs</u> - 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 <u>Calculated/Miscellaneous Inputs</u> - Heat Input (MMBtu/hr): Engine capacity and BSFC - Hourly Fuel Consumption: Heat Input and Diesel HHV
107: Natural Gas Fired Emergency Generator Engines (3) - 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)	- 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.	<u>Data Inputs</u> - Operating Hours – collected internally on monthly basis - Maximum fuel consumption: provided on Manufacturer Data Sheets (scf/hr) - Natural Gas HHV: 1000 Btu/scf <u>Calculated/Miscellaneous Inputs</u> - 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	1. NOx: 0.068 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. 2. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. 3. 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. 4. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{VOC CONTENT (WT\%)} / 100 * (1 - \text{DRE})$. 5. SO2: Material balance based on mass of vent gas flared and sulfur content in vent gas to flare. Equation: $\text{VENT GAS MASS TO FLARE} * \text{S CONTENT (WT\%)} / 100 * \text{MW SO}_2 / \text{MW S}$. 6. 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. 7. n-Hexane: a. 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 b. 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. 8. Waste Gas HAPS from LGO/PFO Storage Tank Releases: ProMax derived emission factor. 9. CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C} * \text{DRE}$. 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: $\text{VENT GAS MASS TO FLARE} * \text{CH}_4 \text{ CONTENT (WT\%)} / 100 * (1 - \text{DRE})$. 11. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. 12. Thermal Oxidizer DRE: 99.9% John Zink Design Specification, 1/4/2018.	<u>PI Inputs</u> 1. CVTO/MPGF CVTO Trip Header Vent Gas Mass (kg/hr) 2. MPGF CVTO Trip Header Vent Gas Mass (kg/hr) 3. CVTO/MPGF CVTO Trip Header Vent Gas Composition (% mol) 4. CVTO/ MPGF CVTO Trip Header Vent Gas Sulfur Content (% wt) 5. PE 1 and PE 2 VGR Mass Flow (kg/hr) 6. PE 1 and PE 2 VGR C6 inert composition (% mol) 7. LGO/PFO Blower Run Status <u>Calculated/Miscellaneous Inputs</u> 1. CVTO Vent Gas Mass: CVTO/MPGF CVTO Trip Header Vent Gas Mass – MPGF CVTO Trip Header Vent Gas Mass 2. Molecular Weight of CVTO/MPGF Trip Header Vent Gas: CVTO/MPGF CVTO Trip Header Vent Gas Composition and Standard Molecular Weight of Constituents. 3. HHV of CVTO/MPGF CVTO Trip Header Vent Gas: CVTO/MPGF Trip Header Vent Gas Composition and Standard Heat of Combustion for Constituents. 4. % Carbon by weight: CVTO/MPGF CVTO Trip Header Vent Gas Composition 5. 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)	1. NOx, 0.068 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. 2. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. 3. 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. 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 HAPs to be developed after stack testing. 5. 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 6. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $\text{NG FUEL MASS} * \text{S CONTENT NG (WT\%)} / 100 * \text{MW SO}_2 / \text{MW S}$. 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: $\text{NG FUEL MASS} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C}$. 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> 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> 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
204: Low Pressure (LP) Header System Continuous Vent Thermal Oxidizer (CVTO) Pilot (Natural Gas)	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: $\text{NG FUEL MASS} * \text{S CONTENT NG (WT\%)} / 100 * \text{MW SO}_2 / \text{MW S}$. 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: $\text{NG FUEL MASS} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C}$. 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.	<u>PI Inputs</u> 1. Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density 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 <u>Calculated/Miscellaneous Inputs</u> 1. Pilot Heat Rate: Constant at 0.5023 MMBtu/hr based on 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
204: Low Pressure (LP) Header System Multipoint Ground Flare (MPGF) PE 1/PE 2 Episodic Header (Supplemental gas added with vent gas if needed)	1. NOx and CO: AP-42, Chapter 13.5, “Industrial Flares”, 2/2018. 2. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{VOC CONTENT (WT\%)} / 100 * (1 - \text{DRE})$. 3. SO2: Material balance based on mass of vent gas flared and sulfur content in vent gas to flare. Equation: $\text{VENT GAS MASS TO FLARE} * \text{S CONTENT (WT\%)} / 100 * \text{MW SO}_2 / \text{MW S}$. 4. PM-filt, PM-cond, PM10, PM2.5, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. 5. 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 6. CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C} * \text{DRE}$. 7. CH4: Material balance based on quantity of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{CH}_4 \text{ CONTENT (WT\%)} / 100 * (1 - \text{DRE})$. 8. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. 9. 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> 1. Vent Gas Mass to Flare – MPGF PE1/PE2 Header (kg/hr) 2. Supplemental Natural Gas Flow to Flare (Nm3/hr). 3. Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) 4. Total Vent Gas to Flare Composition (% mol), includes supplemental natural gas 5. Total Vent Gas to Flare Sulfur Content (% wt), includes supplemental natural gas <u>Calculated/Miscellaneous Inputs</u> 1. Molecular Weight of Total Vent Gas to Flare: Total Vent Gas to Flare Composition and Standard Molecular Weight of Constituents 2. HHV of Total Vent Gas to Flare: Total Vent Gas to Flare Composition and Standard Heat of Combustion for Constituents 3. Supplemental Natural Gas Mass: Supplemental Natural Gas to Flare (Nm3/hr) and natural gas density derived from specific gravity of natural gas 6. 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. 4. % Carbon by weight: Total Vent Gas to Flare Composition 5. 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	1. NOx and CO: AP-42, Chapter 13.5, “Industrial Flares”, 2/2018. 2. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{VOC CONTENT (WT\%)} / 100 * (1 - \text{DRE})$. 3. SO2: No Sulfur in Vent Gas. 4. PM-filt, PM-cond, PM10, PM2.5, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. 5. 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 6. CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C} * \text{DRE}$. 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. 9. 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> 1. Vent Gas Mass to Flare – MPGF Ethylene Tank Header (kg/hr) <u>Calculated/Miscellaneous Inputs</u> 1. 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. 2. 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	- 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: - 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).	<u>PI Inputs</u> - 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 <u>Calculated/Miscellaneous Inputs</u> - 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)	- 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.	<u>PI Inputs</u> - 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> - 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
205: High Pressure (HP) Header System (Flares)	- NOx and CO for Totally Enclosed Ground Flares (TEGFs) from Zeeco Manufacturer Data: - NOx: 0.068 lb/MMBtu - CO: 0.038 lb/MMBtu for Total Heat Input $\geq$ 8,396 MMBtu/hr; 0.2755 lb/MMBtu for Heat Input <8,396 MMBtu/hr - NOx and CO for Elevated Flare from Zeeco Manufacturer Data: - NOx: 0.068 lb/MMBtu - CO: 0.31 lb/MMBtu - 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: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. - Total HAPs (except E-rated n-hexane) resulting from products of combustion: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. - 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 - 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 - 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. - 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).	<u>PI Inputs</u> - Vent Gas Flow to Flare (Actual m3/hr), includes Supplemental Natural Gas - Vent Gas to Flare Pressure (bar-g) - Vent Gas to Flare Temperature (C) - Vent Gas to Flare Composition (% mol), includes Supplemental Natural Gas from inline analyzer - Vent Gas to Flare Sulfur Content (% wt) - Valve Position - % Valve Open to Elevated Flare <u>Calculated/Miscellaneous Inputs</u> - Molecular Weight of Vent Gas to Flare: Vent Gas to Flare Composition and Standard Molecular Weight of Constituents - HHV of Vent Gas to Flare: Vent Gas to Flare Composition and Standard Heat of Combustion for Constituents - Vent Gas to Flare Density: Molecular Weight, Pressure and Temperature of Vent Gas to Flare - Vent Gas Mass to Flare: Vent Gas Flow to Flare (actual m3/hr) and Vent Gas to Flare Density % Carbon and H2 by weight: Vent Gas to Flare Composition - Heat Input of Vent Gas to Flare: Vent Gas Mass to Flare and HHV of Vent Gas to Flare - C3+ Composition: Laboratory Data or data from Production group for HAP speciation.
205: High Pressure (HP) Header System (Flares) - TEGF #1 Pilot - TEGF #2 Pilot - Elevated Flare Pilot	- 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.	<u>PI Inputs</u> - Natural Gas HHV (Btu/scf) - 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> - Pilot Natural Gas Mass Combusted - TEGF #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] - 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
206: Spent Caustic Vent Header System Process Vents	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> 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)	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> 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> 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)	- 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> - 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> - 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	- 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> - Water conductivity - Water Discharge Flow - Water Make-up Flow <u>Calculated/Miscellaneous Inputs</u> - Cogen Cooling Water TDS Sampling Results - Circulation Rate = Discharge Flow plus Make-Up Flow
203: Process Cooling Tower	- 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> - Water conductivity - Water Discharge Flow - Water Make-up Flow <u>Calculated/Miscellaneous Inputs</u> - Circulation Rate = Discharge Flow plus Make-Up Flow - Process Cooling Water TDS Sampling Results - Process Cooling Water VOC Sampling Results
202: Polyethylene Manufacturing Lines	PM-Filt: Outlet Grain Loading and Flow Rate or Vendor Emissions Estimations to yield an tons/day rate.	<u>PI Inputs</u> 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	- 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> - 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> - 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> - Truck Loading Connection Valve (Open/Close) <u>Calculated/Miscellaneous Inputs</u> - 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. SOCMI 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. SOCMI 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) = $k (sL)^{0.91} (W)^{1.02} (1 - P/(4*N))$. - 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	1. NOx, 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, PM2.5 = 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.	Data Inputs 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: November 18, 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
Shell Polymers Monaca
Date: November 18, 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: November 18, 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
MAL79	ECU/UGF	TEGF B VE >5 minutes in a 2 hour period	6/17/2024		6/17/2024		6/18/2024	7/11/2024
MAL80	ECU	F3 Nox Exceedance while transition from HSSB Firebox to HSSB Quench Tower	6/22/2024	01:00	6/22/2024	5:00	6/24/2024	7/11/2024
MAL81	UGF	Cogen 2 Nox Exceedance due to Loss of SCR Heater	7/4/2024	13:45	7/4/2024	13:48	7/5/2024	7/25/2024
MAL82	ECU/UGF	TEGF A/B VE >5 minutes in a 2 hour period	7/11/2024	16:27	7/11/2024	16:36	7/11/2024	8/7/2024
MAL83	ECU/UGF	MPGF Ethylene Header VE >5 minutes in a 2 hour period/BOG Compressor Trip	9/16/2024	3:31:42	9/16/2024	5:20:28	9/20/2024	10/11/2024
MAL84	ECU/UGF	MPGF Ethylene Header VE >5 minutes in a 2 hour period	9/18/2024	14:52:23	9/18/2024	15:10:13	9/18/2024	10/11/2024
MAL85	ECU	F6 Nox Exceedance while transition from SU to HSSB after F6 ID fan trip	9/30/2024	15:00	9/30/2024	16:00	10/1/2024	10/22/2024



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
1	10/9/2024	0.08	µg/m3	Naphthalene	
1	10/9/2024	0.13	µg/m3	1,3-Butadiene	
1	10/9/2024	0.48	µg/m3	Benzene	
1	10/9/2024	0.50	µg/m3	Toluene	
1	10/9/2024	0.28	µg/m3	n-Hexane	
1BLK	10/9/2024	0.07	µg/m3	Naphthalene	
1BLK	10/9/2024	0.13	µg/m3	1,3-Butadiene	
1BLK	10/9/2024	0.19	µg/m3	Benzene	
1BLK	10/9/2024	0.24	µg/m3	Toluene	
1BLK	10/9/2024	0.22	µg/m3	n-Hexane	
2	10/9/2024	0.07	µg/m3	Naphthalene	
2	10/9/2024	0.13	µg/m3	1,3-Butadiene	
2	10/9/2024	0.46	µg/m3	Benzene	
2	10/9/2024	0.30	µg/m3	Toluene	
2	10/9/2024	0.22	µg/m3	n-Hexane	
3	10/9/2024	0.07	µg/m3	Naphthalene	
3	10/9/2024	0.13	µg/m3	1,3-Butadiene	
3	10/9/2024	0.44	µg/m3	Benzene	
3	10/9/2024	0.48	µg/m3	Toluene	
3	10/9/2024	0.28	µg/m3	n-Hexane	
4	10/9/2024	0.07	µg/m3	Naphthalene	
4	10/9/2024	0.13	µg/m3	1,3-Butadiene	
4	10/9/2024	0.44	µg/m3	Benzene	
4	10/9/2024	0.46	µg/m3	Toluene	
4	10/9/2024	0.27	µg/m3	n-Hexane	
5	10/9/2024	0.07	µg/m3	Naphthalene	
5	10/9/2024	0.13	µg/m3	1,3-Butadiene	
5	10/9/2024	0.50	µg/m3	Benzene	
5	10/9/2024	0.49	µg/m3	Toluene	
5	10/9/2024	0.29	µg/m3	n-Hexane	
6	10/9/2024	0.07	µg/m3	Naphthalene	
6	10/9/2024	0.13	µg/m3	1,3-Butadiene	
6	10/9/2024	0.43	µg/m3	Benzene	
6	10/9/2024	0.46	µg/m3	Toluene	
6	10/9/2024	0.29	µg/m3	n-Hexane	
7	10/9/2024	0.07	µg/m3	Naphthalene	
7	10/9/2024	0.13	µg/m3	1,3-Butadiene	
7	10/9/2024	0.49	µg/m3	Benzene	
7	10/9/2024	0.42	µg/m3	Toluene	
7	10/9/2024	0.25	µg/m3	n-Hexane	
8	10/9/2024	0.07	µg/m3	Naphthalene	
8	10/9/2024	0.13	µg/m3	1,3-Butadiene	
8	10/9/2024	0.60	µg/m3	Benzene	
8	10/9/2024	0.70	µg/m3	Toluene	
8	10/9/2024	0.37	µg/m3	n-Hexane	
9	10/9/2024	0.09	µg/m3	Naphthalene	
9	10/9/2024	0.13	µg/m3	1,3-Butadiene	
9	10/9/2024	0.41	µg/m3	Benzene	
9	10/9/2024	0.37	µg/m3	Toluene	
9	10/9/2024	0.30	µg/m3	n-Hexane	

10	10/9/2024	0.07	µg/m3	Naphthalene	
10	10/9/2024	0.13	µg/m3	1,3-Butadiene	
10	10/9/2024	0.55	µg/m3	Benzene	
10	10/9/2024	0.69	µg/m3	Toluene	
10	10/9/2024	0.55	µg/m3	n-Hexane	
11	10/9/2024	0.07	µg/m3	Naphthalene	
11	10/9/2024	0.13	µg/m3	1,3-Butadiene	
11	10/9/2024	0.42	µg/m3	Benzene	
11	10/9/2024	0.38	µg/m3	Toluene	
11	10/9/2024	0.29	µg/m3	n-Hexane	
11DUP	10/9/2024	0.09	µg/m3	Naphthalene	
11DUP	10/9/2024	0.13	µg/m3	1,3-Butadiene	
11DUP	10/9/2024	0.42	µg/m3	Benzene	
11DUP	10/9/2024	0.30	µg/m3	Toluene	
11DUP	10/9/2024	0.25	µg/m3	n-Hexane	
12	10/9/2024	0.07	µg/m3	Naphthalene	
12	10/9/2024	0.13	µg/m3	1,3-Butadiene	
12	10/9/2024	0.42	µg/m3	Benzene	
12	10/9/2024	0.27	µg/m3	Toluene	
12	10/9/2024	0.22	µg/m3	n-Hexane	
12BLK	10/9/2024	0.07	µg/m3	Naphthalene	
12BLK	10/9/2024	0.13	µg/m3	1,3-Butadiene	
12BLK	10/9/2024	0.19	µg/m3	Benzene	
12BLK	10/9/2024	0.24	µg/m3	Toluene	
12BLK	10/9/2024	0.22	µg/m3	n-Hexane	
13	10/9/2024	0.07	µg/m3	Naphthalene	
13	10/9/2024	0.13	µg/m3	1,3-Butadiene	
13	10/9/2024	0.45	µg/m3	Benzene	
13	10/9/2024	0.27	µg/m3	Toluene	
13	10/9/2024	0.22	µg/m3	n-Hexane	
14	10/9/2024	0.08	µg/m3	Naphthalene	
14	10/9/2024	0.13	µg/m3	1,3-Butadiene	
14	10/9/2024	0.59	µg/m3	Benzene	
14	10/9/2024	0.50	µg/m3	Toluene	
14	10/9/2024	0.28	µg/m3	n-Hexane	
14DUP	10/9/2024	0.07	µg/m3	Naphthalene	
14DUP	10/9/2024	0.13	µg/m3	1,3-Butadiene	
14DUP	10/9/2024	0.52	µg/m3	Benzene	
14DUP	10/9/2024	0.55	µg/m3	Toluene	
14DUP	10/9/2024	0.30	µg/m3	n-Hexane	
15	10/9/2024	0.07	µg/m3	Naphthalene	
15	10/9/2024	0.13	µg/m3	1,3-Butadiene	
15	10/9/2024	0.43	µg/m3	Benzene	
15	10/9/2024	0.46	µg/m3	Toluene	
15	10/9/2024	0.28	µg/m3	n-Hexane	
16	10/9/2024	0.07	µg/m3	Naphthalene	
16	10/9/2024	0.13	µg/m3	1,3-Butadiene	
16	10/9/2024	0.56	µg/m3	Benzene	
16	10/9/2024	0.65	µg/m3	Toluene	
16	10/9/2024	0.27	µg/m3	n-Hexane	
17	10/9/2024	0.07	µg/m3	Naphthalene	
17	10/9/2024	0.13	µg/m3	1,3-Butadiene	
17	10/9/2024	0.45	µg/m3	Benzene	
17	10/9/2024	0.45	µg/m3	Toluene	
17	10/9/2024	0.26	µg/m3	n-Hexane	
18	10/9/2024	0.07	µg/m3	Naphthalene	

18	10/9/2024	0.13	µg/m3	1,3-Butadiene	
18	10/9/2024	0.44	µg/m3	Benzene	
18	10/9/2024	0.44	µg/m3	Toluene	
18	10/9/2024	0.26	µg/m3	n-Hexane	
19	10/9/2024	0.07	µg/m3	Naphthalene	
19	10/9/2024	0.13	µg/m3	1,3-Butadiene	
19	10/9/2024	0.45	µg/m3	Benzene	
19	10/9/2024	0.47	µg/m3	Toluene	
19	10/9/2024	0.28	µg/m3	n-Hexane	
20	10/9/2024	0.07	µg/m3	Naphthalene	
20	10/9/2024	0.13	µg/m3	1,3-Butadiene	
20	10/9/2024	0.47	µg/m3	Benzene	
20	10/9/2024	0.50	µg/m3	Toluene	
20	10/9/2024	0.30	µg/m3	n-Hexane	
High Benzene Reading µg/m3:		0.6			
Low Benzene Reading µg/m3:		0.41			
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	10/23/2024	0.07	µg/m3	Naphthalene	
1	10/23/2024	0.14	µg/m3	1,3-Butadiene	
1	10/23/2024	0.52	µg/m3	Benzene	
1	10/23/2024	0.66	µg/m3	Toluene	
1	10/23/2024	0.42	µg/m3	n-Hexane	
1BLK	10/23/2024	0.07	µg/m3	Naphthalene	
1BLK	10/23/2024	0.14	µg/m3	1,3-Butadiene	
1BLK	10/23/2024	0.19	µg/m3	Benzene	
1BLK	10/23/2024	0.24	µg/m3	Toluene	
1BLK	10/23/2024	0.23	µg/m3	n-Hexane	
2	10/23/2024	0.07	µg/m3	Naphthalene	
2	10/23/2024	0.14	µg/m3	1,3-Butadiene	
2	10/23/2024	0.46	µg/m3	Benzene	
2	10/23/2024	0.65	µg/m3	Toluene	
2	10/23/2024	0.41	µg/m3	n-Hexane	
3	10/23/2024	0.07	µg/m3	Naphthalene	
3	10/23/2024	0.14	µg/m3	1,3-Butadiene	
3	10/23/2024	0.46	µg/m3	Benzene	
3	10/23/2024	0.57	µg/m3	Toluene	
3	10/23/2024	0.39	µg/m3	n-Hexane	
4	10/23/2024	0.07	µg/m3	Naphthalene	
4	10/23/2024	0.14	µg/m3	1,3-Butadiene	
4	10/23/2024	0.48	µg/m3	Benzene	
4	10/23/2024	0.60	µg/m3	Toluene	
4	10/23/2024	0.35	µg/m3	n-Hexane	
5	10/23/2024	0.07	µg/m3	Naphthalene	
5	10/23/2024	0.14	µg/m3	1,3-Butadiene	
5	10/23/2024	0.42	µg/m3	Benzene	
5	10/23/2024	0.56	µg/m3	Toluene	
5	10/23/2024	0.23	µg/m3	n-Hexane	
6	10/23/2024	0.07	µg/m3	Naphthalene	
6	10/23/2024	0.14	µg/m3	1,3-Butadiene	
6	10/23/2024	0.44	µg/m3	Benzene	
6	10/23/2024	0.52	µg/m3	Toluene	
6	10/23/2024	0.38	µg/m3	n-Hexane	
7	10/23/2024	0.07	µg/m3	Naphthalene	
7	10/23/2024	0.14	µg/m3	1,3-Butadiene	
7	10/23/2024	0.46	µg/m3	Benzene	
7	10/23/2024	0.62	µg/m3	Toluene	
7	10/23/2024	0.34	µg/m3	n-Hexane	
8	10/23/2024	0.07	µg/m3	Naphthalene	
8	10/23/2024	0.14	µg/m3	1,3-Butadiene	
8	10/23/2024	0.51	µg/m3	Benzene	
8	10/23/2024	0.68	µg/m3	Toluene	
8	10/23/2024	0.35	µg/m3	n-Hexane	
9	10/23/2024	0.08	µg/m3	Naphthalene	
9	10/23/2024	0.14	µg/m3	1,3-Butadiene	
9	10/23/2024	0.42	µg/m3	Benzene	
9	10/23/2024	0.45	µg/m3	Toluene	
9	10/23/2024	0.23	µg/m3	n-Hexane	
10	10/23/2024	0.07	µg/m3	Naphthalene	
10	10/23/2024	0.14	µg/m3	1,3-Butadiene	
10	10/23/2024	0.52	µg/m3	Benzene	
10	10/23/2024	0.76	µg/m3	Toluene	
10	10/23/2024	0.44	µg/m3	n-Hexane	
11	10/23/2024	0.07	µg/m3	Naphthalene	
11	10/23/2024	0.14	µg/m3	1,3-Butadiene	
11	10/23/2024	0.42	µg/m3	Benzene	
11	10/23/2024	0.44	µg/m3	Toluene	
11	10/23/2024	0.27	µg/m3	n-Hexane	
11DUP	10/23/2024	0.07	µg/m3	Naphthalene	
11DUP	10/23/2024	0.14	µg/m3	1,3-Butadiene	
11DUP	10/23/2024	0.45	µg/m3	Benzene	
11DUP	10/23/2024	0.46	µg/m3	Toluene	
11DUP	10/23/2024	0.26	µg/m3	n-Hexane	
12	10/23/2024	0.07	µg/m3	Naphthalene	
12	10/23/2024	0.14	µg/m3	1,3-Butadiene	
12	10/23/2024	0.42	µg/m3	Benzene	



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
12	10/23/2024	0.57	µg/m3	Toluene	
12	10/23/2024	0.23	µg/m3	n-Hexane	
12BLK	10/23/2024	0.07	µg/m3	Naphthalene	
12BLK	10/23/2024	0.14	µg/m3	1,3-Butadiene	
12BLK	10/23/2024	0.19	µg/m3	Benzene	
12BLK	10/23/2024	0.24	µg/m3	Toluene	
12BLK	10/23/2024	0.23	µg/m3	n-Hexane	
13	10/23/2024	0.07	µg/m3	Naphthalene	
13	10/23/2024	0.14	µg/m3	1,3-Butadiene	
13	10/23/2024	0.39	µg/m3	Benzene	
13	10/23/2024	0.41	µg/m3	Toluene	
13	10/23/2024	0.24	µg/m3	n-Hexane	
14	10/23/2024	0.07	µg/m3	Naphthalene	
14	10/23/2024	0.14	µg/m3	1,3-Butadiene	
14	10/23/2024	1.1	µg/m3	Benzene	
14	10/23/2024	0.74	µg/m3	Toluene	
14	10/23/2024	0.27	µg/m3	n-Hexane	
14DUP	10/23/2024	0.07	µg/m3	Naphthalene	
14DUP	10/23/2024	0.14	µg/m3	1,3-Butadiene	
14DUP	10/23/2024	1.1	µg/m3	Benzene	
14DUP	10/23/2024	0.72	µg/m3	Toluene	
14DUP	10/23/2024	0.27	µg/m3	n-Hexane	
15	10/23/2024	0.07	µg/m3	Naphthalene	
15	10/23/2024	0.14	µg/m3	1,3-Butadiene	
15	10/23/2024	0.44	µg/m3	Benzene	
15	10/23/2024	0.48	µg/m3	Toluene	
15	10/23/2024	0.23	µg/m3	n-Hexane	
16	10/23/2024	0.07	µg/m3	Naphthalene	
16	10/23/2024	0.14	µg/m3	1,3-Butadiene	
16	10/23/2024	0.48	µg/m3	Benzene	
16	10/23/2024	0.47	µg/m3	Toluene	
16	10/23/2024	0.24	µg/m3	n-Hexane	
17	10/23/2024	0.07	µg/m3	Naphthalene	
17	10/23/2024	0.14	µg/m3	1,3-Butadiene	
17	10/23/2024	0.43	µg/m3	Benzene	
17	10/23/2024	0.46	µg/m3	Toluene	
17	10/23/2024	0.26	µg/m3	n-Hexane	
18	10/23/2024	0.07	µg/m3	Naphthalene	
18	10/23/2024	0.14	µg/m3	1,3-Butadiene	
18	10/23/2024	0.45	µg/m3	Benzene	
18	10/23/2024	0.52	µg/m3	Toluene	
18	10/23/2024	0.27	µg/m3	n-Hexane	
19	10/23/2024	0.07	µg/m3	Naphthalene	
19	10/23/2024	0.14	µg/m3	1,3-Butadiene	
19	10/23/2024	0.47	µg/m3	Benzene	
19	10/23/2024	0.62	µg/m3	Toluene	
19	10/23/2024	0.33	µg/m3	n-Hexane	
20	10/23/2024	0.07	µg/m3	Naphthalene	
20	10/23/2024	0.14	µg/m3	1,3-Butadiene	
20	10/23/2024	0.46	µg/m3	Benzene	
20	10/23/2024	0.62	µg/m3	Toluene	
20	10/23/2024	0.34	µg/m3	n-Hexane	
		High Benzene Reading µg/m3:	1.1		
		Low Benzene Reading µg/m3:	0.39		
		Benzene Action Level µg/m3:	9.0		
		Action Threshold Exceeded (Y/N):	N		



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

10/01/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/01/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/01/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/01/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0010	0.9944	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0007	0.7401	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0011	1.1034	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0017	1.6740	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0008	0.7913	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0006	0.6436	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0009	0.9190	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0003	0.2825	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0002	0.1986	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0001	0.1266	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0000	0.0000	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0003	0.2918	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0005	0.5293	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0005	0.4726	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0001	0.0625	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0012	1.2306	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0021	2.0619	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0017	1.7020	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0013	1.3408	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0005	0.5044	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0001	0.0918	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0000	0.0483	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0004	0.3914	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0004	0.4489	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0008	0.8036	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0014	1.3530	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0004	0.4472	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0005	0.5097	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0000	0.0000	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0005	0.5012	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0002	0.2353	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0000	0.0000	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0000	0.0245	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0003	0.3294	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0000	0.0000	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0000	0.0000	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	
9:00	80	0.0000	0.0000	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	
9:15	80	0.0000	0.0000	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0000	0.0000	
9:30	80	0.0000	0.0000	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0000	0.0000	
9:45	80	0.0000	0.0000	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0000	0.0000	
10:00	80	0.0000	0.0000	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0000	0.0000	
10:15	80	0.0000	0.0000	10:15	117	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	52	0.0000	0.0000	
10:30	80	0.0000	0.0000	10:30	117	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	52	0.0000	0.0000	
10:45	80	0.0000	0.0160	10:45	117	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	52	0.0000	0.0000	
11:00	80	0.0000	0.0000	11:00	117	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	52	0.0000	0.0000	
11:15	80	0.0000	0.0000	11:15	117	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	52	0.0000	0.0000	
11:30	80	0.0000	0.0387	11:30	117	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	52	0.0000	0.0000	

11:45	80	0.0003	0.3099	11:45	117	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	52	0.0000	0.0000	
12:00	80	0.0000	0.0000	12:00	117	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	52	0.0000	0.0000	
12:15	80	0.0000	0.0000	12:15	117	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	52	0.0000	0.0000	
12:30	80	0.0000	0.0000	12:30	117	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	52	0.0000	0.0000	
12:45	80	0.0000	0.0000	12:45	117	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	52	0.0000	0.0000	
13:00	80	0.0000	0.0000	13:00	117	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	52	0.0000	0.0000	
13:15	80	0.0019	1.8526	13:15	117	0.0000	0.0000	13:15	N/A	0	0.0000	13:15	52	0.0000	0.0000	
13:30	80	0.0002	0.1760	13:30	117	0.0000	0.0000	13:30	N/A	0	0.0000	13:30	52	0.0000	0.0000	
13:45	80	0.0011	1.0940	13:45	117	0.0001	0.1199	13:45	N/A	0	0.0000	13:45	52	0.0002	0.1588	
14:00	80	0.0110	10.9885	14:00	117	0.0014	1.3886	14:00	N/A	0	0.0000	14:00	52	0.0015	1.5377	
14:15	80	0.0112	11.1728	14:15	117	0.0014	1.3766	14:15	N/A	0	0.0000	14:15	52	0.0014	1.4388	
14:30	80	0.0096	9.5701	14:30	117	0.0023	2.2763	14:30	N/A	0	0.0000	14:30	52	0.0021	2.0885	
14:45	80	0.0098	9.8065	14:45	117	0.0018	1.7736	14:45	N/A	0	0.0000	14:45	52	0.0024	2.3532	
15:00	80	0.0104	10.3827	15:00	117	0.0018	1.7973	15:00	N/A	0	0.0000	15:00	52	0.0023	2.3343	
15:15	80	0.0107	10.7490	15:15	117	0.0024	2.4011	15:15	N/A	0	0.0000	15:15	52	0.0024	2.3956	
15:30	80	0.0088	8.8358	15:30	117	0.0020	1.9867	15:30	N/A	0	0.0000	15:30	52	0.0024	2.4279	
15:45	80	0.0098	9.7898	15:45	117	0.0021	2.0513	15:45	N/A	0	0.0000	15:45	52	0.0019	1.9372	
16:00	80	0.0086	8.6211	16:00	117	0.0017	1.7244	16:00	N/A	0	0.0000	16:00	52	0.0018	1.7632	
16:15	80	0.0000	0.0000	16:15	117	0.0000	0.0000	16:15	N/A	0	0.0000	16:15	52	0.0000	0.0000	
16:30	80	0.0004	0.4224	16:30	117	0.0000	0.0000	16:30	N/A	0	0.0000	16:30	52	0.0000	0.0000	
16:45	80	0.0010	1.0154	16:45	117	0.0001	0.0800	16:45	N/A	0	0.0000	16:45	52	0.0002	0.1673	
17:00	80	0.0096	9.6497	17:00	117	0.0010	1.0174	17:00	N/A	0	0.0000	17:00	52	0.0012	1.2454	
17:15	80	0.0094	9.3698	17:15	117	0.0011	1.0616	17:15	N/A	0	0.0000	17:15	52	0.0013	1.3300	
17:30	80	0.0080	8.0202	17:30	117	0.0009	0.9014	17:30	N/A	0	0.0000	17:30	52	0.0015	1.4655	
17:45	80	0.0002	0.2472	17:45	117	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	52	0.0000	0.0000	
18:00	80	0.0006	0.6082	18:00	117	0.0000	0.0000	18:00	N/A	0	0.0000	18:00	52	0.0000	0.0000	
18:15	80	0.0000	0.0000	18:15	117	0.0000	0.0000	18:15	N/A	0	0.0000	18:15	52	0.0000	0.0000	
18:30	80	0.0004	0.4242	18:30	117	0.0000	0.0000	18:30	N/A	0	0.0000	18:30	52	0.0000	0.0000	
18:45	80	0.0090	8.9983	18:45	117	0.0002	0.2464	18:45	N/A	0	0.0000	18:45	52	0.0011	1.0988	
19:00	80	0.0093	9.2533	19:00	117	0.0005	0.4844	19:00	N/A	0	0.0000	19:00	52	0.0007	0.7493	
19:15	80	0.0055	5.5031	19:15	117	0.0006	0.6200	19:15	N/A	0	0.0000	19:15	52	0.0006	0.5983	
19:30	80	0.0001	0.1265	19:30	117	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	52	0.0000	0.0000	
19:45	80	0.0000	0.0000	19:45	117	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	52	0.0000	0.0000	
20:00	80	0.0001	0.0506	20:00	117	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	52	0.0000	0.0000	
20:15	80	0.0013	1.2962	20:15	117	0.0001	0.0677	20:15	N/A	0	0.0000	20:15	52	0.0001	0.0644	
20:30	80	0.0026	2.6479	20:30	117	0.0004	0.4181	20:30	N/A	0	0.0000	20:30	52	0.0005	0.4513	
20:45	80	0.0024	2.4320	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	52	0.0000	0.0000	
21:00	80	0.0027	2.6622	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	52	0.0000	0.0000	
21:15	80	0.0045	4.5028	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	52	0.0000	0.0000	
21:30	80	0.0003	0.2520	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	52	0.0000	0.0000	
21:45	80	0.0007	0.7206	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	52	0.0000	0.0000	
22:00	80	0.0031	3.1284	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0000	0.0000	
22:15	80	0.0021	2.1425	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0000	
22:30	80	0.0014	1.3992	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
22:45	80	0.0024	2.4205	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
23:00	80	0.0017	1.6764	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	
23:15	80	0.0366	36.6067	23:15	117	0.0000	0.0009	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0006	
23:30	80	0.0122	12.2089	23:30	117	0.0002	0.1947	23:30	N/A	0	0.0000	23:30	52	0.0002	0.1854	
23:45	80	0.0012	1.2439	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	



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

10/02/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/02/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/02/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/02/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0032	3.2321	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0006	0.5761	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0005	0.5326	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0030	2.9661	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0009	0.8637	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0018	1.7870	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0033	3.3195	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0009	0.8669	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0018	1.8091	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0009	0.8916	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0010	0.9530	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0013	1.2519	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0001	0.0979	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0002	0.1802	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0013	1.2830	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0008	0.8098	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0089	8.8874	4:00	117	0.0002	0.1551	4:00	N/A	0	0.0000	4:00	52	0.0013	1.2507	
4:15	80	0.0093	9.3394	4:15	117	0.0001	0.1288	4:15	N/A	0	0.0000	4:15	52	0.0008	0.8035	
4:30	80	0.0107	10.7080	4:30	117	0.0000	0.0355	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0270	
4:45	80	0.0032	3.1821	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0002	0.1605	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0038	3.8290	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0054	5.4035	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0000	0.0388	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0053	5.3235	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0057	5.6790	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0013	1.2668	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0000	0.0000	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0000	0.0000	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0000	0.0000	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0000	0.0000	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0000	0.0000	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0000	0.0000	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0000	0.0000	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0000	0.0000	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0000	0.0039	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0001	0.0631	
9:00	80	0.0001	0.0986	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0002	0.1662	
9:15	80	0.0000	0.0000	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0000	0.0000	
9:30	80	0.0000	0.0000	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0000	0.0000	
9:45	80	0.0000	0.0000	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0000	0.0000	
10:00	80	0.0000	0.0000	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0000	0.0000	
10:15	80	0.0000	0.0000	10:15	117	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	52	0.0000	0.0000	
10:30	80	0.0000	0.0000	10:30	117	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	52	0.0000	0.0000	
10:45	80	0.0000	0.0000	10:45	117	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	52	0.0000	0.0000	
11:00	80	0.0000	0.0000	11:00	117	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	52	0.0000	0.0000	
11:15	80	0.0001	0.0509	11:15	117	0.0001	0.0718	11:15	N/A	0	0.0000	11:15	52	0.0002	0.1618	
11:30	80	0.0009	0.8719	11:30	117	0.0001	0.0623	11:30	N/A	0	0.0000	11:30	52	0.0005	0.5300	

11:45	80	0.0000	0.0000	11:45	117	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	52	0.0000	0.0000	
12:00	80	0.0000	0.0000	12:00	117	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	52	0.0000	0.0000	
12:15	80	0.0004	0.4182	12:15	117	0.0003	0.2804	12:15	N/A	0	0.0000	12:15	52	0.0005	0.5037	
12:30	80	0.0000	0.0000	12:30	117	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	52	0.0000	0.0000	
12:45	80	0.0000	0.0000	12:45	117	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	52	0.0000	0.0000	
13:00	80	0.0000	0.0000	13:00	117	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	52	0.0000	0.0000	
13:15	80	0.0003	0.2896	13:15	117	0.0003	0.3324	13:15	N/A	0	0.0000	13:15	52	0.0001	0.1222	
13:30	80	0.0008	0.7925	13:30	117	0.0009	0.8502	13:30	N/A	0	0.0000	13:30	52	0.0008	0.8130	
13:45	80	0.0014	1.3870	13:45	117	0.0022	2.1763	13:45	N/A	0	0.0000	13:45	52	0.0009	0.9348	
14:00	80	0.0000	0.0333	14:00	117	0.0007	0.6759	14:00	N/A	0	0.0000	14:00	52	0.0003	0.3374	
14:15	80	0.0020	2.0432	14:15	117	0.0032	3.2055	14:15	N/A	0	0.0000	14:15	52	0.0010	0.9959	
14:30	80	0.0005	0.4842	14:30	117	0.0008	0.8237	14:30	N/A	0	0.0000	14:30	52	0.0005	0.4604	
14:45	80	0.0013	1.2686	14:45	117	0.0007	0.7132	14:45	N/A	0	0.0000	14:45	52	0.0009	0.9178	
15:00	80	0.0035	3.5223	15:00	117	0.0003	0.3474	15:00	N/A	0	0.0000	15:00	52	0.0008	0.8265	
15:15	80	0.0000	0.0000	15:15	117	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	52	0.0000	0.0000	
15:30	80	0.0000	0.0000	15:30	117	0.0000	0.0000	15:30	N/A	0	0.0000	15:30	52	0.0000	0.0000	
15:45	80	0.0010	1.0402	15:45	117	0.0009	0.9442	15:45	N/A	0	0.0000	15:45	52	0.0011	1.0955	
16:00	80	0.0011	1.0655	16:00	117	0.0006	0.5753	16:00	N/A	0	0.0000	16:00	52	0.0007	0.6880	
16:15	80	0.0035	3.5242	16:15	117	0.0012	1.1592	16:15	N/A	0	0.0000	16:15	52	0.0014	1.4498	
16:30	80	0.0018	1.7928	16:30	117	0.0008	0.8416	16:30	N/A	0	0.0000	16:30	52	0.0014	1.4163	
16:45	80	0.0056	5.5529	16:45	117	0.0017	1.6845	16:45	N/A	0	0.0000	16:45	52	0.0024	2.3879	
17:00	80	0.0060	6.0374	17:00	117	0.0020	1.9526	17:00	N/A	0	0.0000	17:00	52	0.0030	3.0177	
17:15	80	0.0016	1.5995	17:15	117	0.0006	0.6070	17:15	N/A	0	0.0000	17:15	52	0.0008	0.8335	
17:30	80	0.0037	3.6668	17:30	117	0.0022	2.1888	17:30	N/A	0	0.0000	17:30	52	0.0027	2.6840	
17:45	80	0.0042	4.2256	17:45	117	0.0023	2.2904	17:45	N/A	0	0.0000	17:45	52	0.0031	3.0698	
18:00	80	0.0093	9.2698	18:00	117	0.0059	5.9251	18:00	N/A	0	0.0000	18:00	52	0.0056	5.5500	
18:15	80	0.0129	12.9231	18:15	117	0.0033	3.2866	18:15	N/A	0	0.0000	18:15	52	0.0061	6.0707	
18:30	80	0.0197	19.6667	18:30	117	0.0051	5.0772	18:30	N/A	0	0.0000	18:30	52	0.0056	5.6492	
18:45	80	0.0246	24.6001	18:45	117	0.0053	5.2880	18:45	N/A	0	0.0000	18:45	52	0.0061	6.0972	
19:00	80	0.0293	29.3354	19:00	117	0.0054	5.4153	19:00	N/A	0	0.0000	19:00	52	0.0044	4.3950	
19:15	80	0.0219	21.9201	19:15	117	0.0000	0.0000	19:15	N/A	0	0.0000	19:15	52	0.0000	0.0000	
19:30	80	0.0259	25.8920	19:30	117	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	52	0.0000	0.0000	
19:45	80	0.0251	25.0790	19:45	117	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	52	0.0000	0.0000	
20:00	80	0.0278	27.7780	20:00	117	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	52	0.0000	0.0000	
20:15	80	0.0291	29.1416	20:15	117	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	52	0.0000	0.0000	
20:30	80	0.0284	28.4442	20:30	117	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	52	0.0000	0.0000	
20:45	80	0.0300	30.0329	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	52	0.0000	0.0000	
21:00	80	0.0348	34.7676	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	52	0.0000	0.0000	
21:15	80	0.0316	31.6110	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	52	0.0000	0.0000	
21:30	80	0.0423	42.2801	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	52	0.0000	0.0000	
21:45	80	0.0383	38.3113	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	52	0.0000	0.0000	
22:00	80	0.0400	40.0294	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0000	0.0000	
22:15	80	0.0441	44.0649	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0000	
22:30	80	0.0513	51.3281	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
22:45	80	0.0384	38.3682	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
23:00	80	0.0403	40.3034	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	
23:15	80	0.0380	37.9905	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	
23:30	80	0.0385	38.5127	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	
23:45	80	0.0379	37.9057	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.32	0	0	0	0.64
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)																
10/03/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/03/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/03/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/03/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0373	37.2959	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0426	42.6179	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0350	35.0026	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0351	35.0832	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0401	40.0819	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0359	35.8539	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0372	37.1896	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0391	39.1304	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0381	38.1452	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0349	34.9367	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0357	35.6926	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0329	32.8761	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0317	31.7258	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0320	32.0026	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0288	28.8092	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0318	31.7550	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0311	31.0633	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0295	29.4535	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0284	28.3823	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0315	31.5110	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0281	28.1223	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0284	28.4247	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0288	28.8218	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0277	27.7104	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0284	28.3707	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0300	29.9761	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0464	46.3834	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0060	5.9555	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0295	29.5153	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0280	28.0375	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0310	31.0098	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0323	32.3031	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0321	32.0845	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0320	32.0142	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	

8:30	80	0.0302	30.2378	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0299	29.8587	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	
9:00	80	0.0303	30.2931	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	
9:15	80	0.0313	31.3130	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0000	0.0088	
9:30	80	0.0350	34.9967	9:30	117	0.0002	0.2223	9:30	N/A	0	0.0000	9:30	52	0.0036	3.5573	
9:45	80	0.0320	32.0355	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0025	2.5151	
10:00	80	0.0329	32.8512	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0033	3.3257	
10:15	80	0.0331	33.1413	10:15	117	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	52	0.0029	2.8673	
10:30	80	0.0351	35.0654	10:30	117	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	52	0.0029	2.8956	
10:45	80	0.0374	37.3647	10:45	117	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	52	0.0035	3.5182	
11:00	80	0.0380	37.9929	11:00	117	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	52	0.0042	4.2223	
11:15	80	0.0389	38.8610	11:15	117	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	52	0.0038	3.8491	
11:30	80	0.0395	39.4661	11:30	117	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	52	0.0031	3.1272	
11:45	80	0.0388	38.7972	11:45	117	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	52	0.0028	2.7689	
12:00	80	0.0366	36.5659	12:00	117	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	52	0.0014	1.3526	
12:15	80	0.0340	33.9851	12:15	117	0.0014	1.3598	12:15	N/A	0	0.0000	12:15	52	0.0024	2.3664	
12:30	80	0.0327	32.7297	12:30	117	0.0023	2.3096	12:30	N/A	0	0.0000	12:30	52	0.0045	4.5170	
12:45	80	0.0313	31.2949	12:45	117	0.0035	3.5433	12:45	N/A	0	0.0000	12:45	52	0.0085	8.4794	
13:00	80	0.0192	19.2414	13:00	117	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	52	0.0027	2.6867	
13:15	80	0.0164	16.4461	13:15	117	0.0000	0.0000	13:15	N/A	0	0.0000	13:15	52	0.0034	3.3741	
13:30	80	0.0131	13.0896	13:30	117	0.0000	0.0000	13:30	N/A	0	0.0000	13:30	52	0.0043	4.2654	
13:45	80	0.0125	12.5023	13:45	117	0.0011	1.0835	13:45	N/A	0	0.0000	13:45	52	0.0060	6.0105	
14:00	80	0.0075	7.5010	14:00	117	0.0010	0.9506	14:00	N/A	0	0.0000	14:00	52	0.0063	6.3498	
14:15	80	0.0065	6.5480	14:15	117	0.0024	2.4456	14:15	N/A	0	0.0000	14:15	52	0.0078	7.7934	
14:30	80	0.0061	6.0906	14:30	117	0.0033	3.3067	14:30	N/A	0	0.0000	14:30	52	0.0094	9.3627	
14:45	80	0.0036	3.6399	14:45	117	0.0029	2.9190	14:45	N/A	0	0.0000	14:45	52	0.0094	9.3760	
15:00	80	0.0040	3.9504	15:00	117	0.0051	5.1121	15:00	N/A	0	0.0000	15:00	52	0.0122	12.2258	
15:15	80	0.0049	4.8881	15:15	117	0.0098	9.8454	15:15	N/A	0	0.0000	15:15	52	0.0170	16.9949	
15:30	80	0.0021	2.0643	15:30	117	0.0126	12.5585	15:30	N/A	0	0.0000	15:30	52	0.0186	18.5722	
15:45	80	0.0000	0.0000	15:45	117	0.0066	6.6436	15:45	N/A	0	0.0000	15:45	52	0.0110	11.0427	
16:00	80	0.0003	0.2560	16:00	117	0.0131	13.0977	16:00	N/A	0	0.0000	16:00	52	0.0160	16.0204	
16:15	80	0.0025	2.4510	16:15	117	0.0203	20.3434	16:15	N/A	0	0.0000	16:15	52	0.0222	22.1659	
16:30	80	0.0021	2.1215	16:30	117	0.0204	20.3952	16:30	N/A	0	0.0000	16:30	52	0.0218	21.7822	
16:45	80	0.0000	0.0000	16:45	117	0.0161	16.1185	16:45	N/A	0	0.0000	16:45	52	0.0178	17.8082	
17:00	80	0.0004	0.4218	17:00	117	0.0188	18.7768	17:00	N/A	0	0.0000	17:00	52	0.0201	20.1246	
17:15	80	0.0009	0.9147	17:15	117	0.0205	20.5125	17:15	N/A	0	0.0000	17:15	52	0.0230	23.0052	
17:30	80	0.0034	3.4356	17:30	117	0.0249	24.8872	17:30	N/A	0	0.0000	17:30	52	0.0306	30.6182	
17:45	80	0.0041	4.1318	17:45	117	0.0269	26.8638	17:45	N/A	0	0.0000	17:45	52	0.0365	36.4865	
18:00	80	0.0016	1.5568	18:00	117	0.0242	24.2184	18:00	N/A	0	0.0000	18:00	52	0.0414	41.3547	
18:15	80	0.0008	0.8498	18:15	117	0.0236	23.5712	18:15	N/A	0	0.0000	18:15	52	0.0496	49.5934	
18:30	80	0.0074	7.3871	18:30	117	0.0233	23.3195	18:30	N/A	0	0.0000	18:30	52	0.0533	53.3485	*See Field Investigation Below
18:45	80	0.0128	12.7944	18:45	117	0.0202	20.1702	18:45	N/A	0	0.0000	18:35	52	0.0544	54.4409	*See Field Investigation Below
19:00	80	0.0162	16.2376	19:00	117	0.0129	12.9449	19:00	N/A	0	0.0000	18:40	52	0.0539	53.8578	*See Field Investigation Below
19:15	80	0.0212	21.2396	19:15	117	0.0046	4.6361	19:15	N/A	0	0.0000	18:45	52	0.0476	47.6348	
19:30	80	0.0269	26.8793	19:30	117	0.0001	0.0926	19:30	N/A	0	0.0000	19:00	52	0.0284	28.4150	
19:45	80	0.0326	32.5516	19:45	117	0.0004	0.4313	19:45	N/A	0	0.0000	19:15	52	0.0156	15.6368	
20:00	80	0.0401	40.1327	20:00	117	0.0001	0.0609	20:00	N/A	0	0.0000	19:30	52	0.0100	9.9860	
20:15	80	0.0477	47.6846	20:15	117	0.0000	0.0000	20:15	N/A	0	0.0000	19:45	52	0.0066	6.6093	
20:30	80	0.0478	47.8247	20:30	117	0.0000	0.0000	20:30	N/A	0	0.0000	20:00	52	0.0046	4.5702	
20:45	80	0.0532	53.2390	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	20:15	52	0.0032	3.1590	
21:00	80	0.0505	50.4928	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	20:30	52	0.0018	1.7970	
21:15	80	0.0534	53.3531	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	20:45	52	0.0009	0.9148	
21:30	80	0.0552	55.2369	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:00	52	0.0016	1.5804	
21:45	80	0.0560	56.0200	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:15	52	0.0018	1.7784	

22:00	80	0.0553	55.3481	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	21:30	52	0.0025	2.4940	
22:15	80	0.0576	57.5515	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	21:45	52	0.0023	2.2843	
22:30	80	0.0551	55.1447	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:00	52	0.0012	1.2239	
22:45	80	0.0641	64.1482	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:15	52	0.0010	1.0410	
23:00	80	0.0569	56.9294	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	22:30	52	0.0005	0.5181	
23:15	80	0.0598	59.7926	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	22:45	52	0.0005	0.5240	
23:30	80	0.0620	61.9633	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:00	52	0.0002	0.2202	
23:45	80	0.0643	64.3233	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:15	52	0.0000	0.0000	
												23:30	52	0.0000	0	
												23:45	52	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.
-----------------------	---



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.12	0	0	0	0
04	0.16	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)																
10/04/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/04/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/04/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/04/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.1075	107.5341	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	*See Field Investigation Below
0:05	80	0.0693	69.2916	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:10	80	0.0678	67.7743	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:15	80	0.1505	150.4982	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	*See Field Investigation Below
0:20	80	0.1588	158.8338	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	*See Field Investigation Below
0:25	80	0.0627	62.7336	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0005	0.5175	
0:30	80	0.0589	58.9099	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0001	0.1064	
0:35	80	0.0586	58.6416	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0001	0.1066	
0:40	80	0.0692	69.2451	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0131	
0:45	80	0.0602	60.1747	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
0:50	80	0.1107	110.6511	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	*See Field Investigation Below
0:55	80	0.1614	161.3972	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	*See Field Investigation Below
1:00	80	0.0515	51.4812	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
1:15	80	0.0651	65.0975	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
1:30	80	0.0572	57.1720	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
1:45	80	0.0662	66.1648	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
2:00	80	0.0723	72.3461	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
2:15	80	0.0000	0.0000	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
2:30	80	0.0000	0.0000	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
2:45	80	0.0000	0.0000	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
3:00	80	0.0387	38.6950	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
3:15	80	0.0606	60.6035	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
3:30	80	0.0548	54.8313	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
3:45	80	0.0577	57.7401	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
4:00	80	0.0587	58.7337	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
4:15	80	0.0582	58.2328	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
4:30	80	0.0774	77.3919	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
4:45	80	0.0675	67.5006	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
5:00	80	0.0584	58.3900	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
5:15	80	0.0558	55.7604	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
5:30	80	0.0582	58.2268	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
5:45	80	0.0536	53.5632	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
6:00	80	0.0543	54.2647	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	

6:15	80	0.0578	57.7580	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
6:30	80	0.0569	56.9194	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0002	
6:45	80	0.0607	60.7346	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0003	0.2711	
7:00	80	0.0629	62.9071	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0010	0.9815	
7:15	80	0.1049	104.8921	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0026	2.5521	
7:30	80	0.0578	57.8378	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0048	4.7651	
7:45	80	0.0568	56.8279	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0054	5.4061	
8:00	80	0.0611	61.1185	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0063	6.3495	
8:15	80	0.0572	57.1929	10:15	117	0.0002	0.1510	10:15	N/A	0	0.0000	10:15	52	0.0076	7.6434	
8:30	80	0.0545	54.5103	10:30	117	0.0010	1.0008	10:30	N/A	0	0.0000	10:30	52	0.0099	9.9020	
8:45	80	0.0556	55.5933	10:45	117	0.0019	1.9098	10:45	N/A	0	0.0000	10:45	52	0.0102	10.2294	
9:00	80	0.0545	54.5024	11:00	117	0.0048	4.7845	11:00	N/A	0	0.0000	11:00	52	0.0146	14.6046	
9:15	80	0.0553	55.2542	11:15	117	0.0053	5.2776	11:15	N/A	0	0.0000	11:15	52	0.0165	16.5056	
9:30	80	0.0560	56.0001	11:30	117	0.0028	2.7544	11:30	N/A	0	0.0000	11:30	52	0.0123	12.2954	
9:45	80	0.0550	55.0285	11:45	117	0.0036	3.6401	11:45	N/A	0	0.0000	11:45	52	0.0135	13.4609	
10:00	80	0.0555	55.4990	12:00	117	0.0025	2.4720	12:00	N/A	0	0.0000	12:00	52	0.0111	11.1159	
10:15	80	0.0556	55.6138	12:15	117	0.0101	10.1195	12:15	N/A	0	0.0000	12:15	52	0.0190	19.0066	
10:30	80	0.0567	56.7446	12:30	117	0.0166	16.5584	12:30	N/A	0	0.0000	12:30	52	0.0253	25.2889	
10:45	80	0.0556	55.5896	12:45	117	0.0191	19.0910	12:45	N/A	0	0.0000	12:45	52	0.0255	25.4613	
11:00	80	0.0572	57.1636	13:00	117	0.0143	14.2521	13:00	N/A	0	0.0000	13:00	52	0.0205	20.5318	
11:15	80	0.0528	52.7857	13:15	117	0.0171	17.0947	13:15	N/A	0	0.0000	13:15	52	0.0223	22.3072	
11:30	80	0.0454	45.4145	13:30	117	0.0219	21.9264	13:30	N/A	0	0.0000	13:30	52	0.0278	27.8477	
11:45	80	0.0415	41.4773	13:45	117	0.0226	22.5680	13:45	N/A	0	0.0000	13:45	52	0.0285	28.5174	
12:00	80	0.0353	35.3137	14:00	117	0.0217	21.6677	14:00	N/A	0	0.0000	14:00	52	0.0269	26.8866	
12:15	80	0.0347	34.6800	14:15	117	0.0199	19.9307	14:15	N/A	0	0.0000	14:15	52	0.0254	25.3774	
12:30	80	0.0336	33.5611	14:30	117	0.0218	21.7656	14:30	N/A	0	0.0000	14:30	52	0.0277	27.6505	
12:45	80	0.0293	29.3080	14:45	117	0.0230	22.9753	14:45	N/A	0	0.0000	14:45	52	0.0299	29.8518	
13:00	80	0.0197	19.6523	15:00	117	0.0227	22.6881	15:00	N/A	0	0.0000	15:00	52	0.0301	30.1125	
13:15	80	0.0118	11.7752	15:15	117	0.0188	18.7709	15:15	N/A	0	0.0000	15:15	52	0.0279	27.9108	
13:30	80	0.0111	11.0945	15:30	117	0.0225	22.4956	15:30	N/A	0	0.0000	15:30	52	0.0328	32.8445	
13:45	80	0.0081	8.1000	15:45	117	0.0236	23.6021	15:45	N/A	0	0.0000	15:45	52	0.0342	34.1596	
14:00	80	0.0031	3.0878	16:00	117	0.0243	24.2753	16:00	N/A	0	0.0000	16:00	52	0.0354	35.4270	
14:15	80	0.0017	1.7140	16:15	117	0.0236	23.6235	16:15	N/A	0	0.0000	16:15	52	0.0376	37.6489	
14:30	80	0.0007	0.7243	16:30	117	0.0283	28.3018	16:30	N/A	0	0.0000	16:30	52	0.0408	40.8077	
14:45	80	0.0033	3.2519	16:45	117	0.0335	33.4600	16:45	N/A	0	0.0000	16:35	52	0.0456	45.5711	
15:00	80	0.0070	6.9602	17:00	117	0.0368	36.7655	17:00	N/A	0	0.0000	16:40	52	0.0493	49.2884	
15:15	80	0.0052	5.2495	17:15	117	0.0380	38.0332	17:15	N/A	0	0.0000	16:45	52	0.0511	51.1035	
15:30	80	0.0055	5.4821	17:30	117	0.0341	34.1053	17:30	N/A	0	0.0000	16:50	52	0.0538	53.8240	*See Field Investigation Below
15:45	80	0.0057	5.6629	17:45	117	0.0376	37.6441	17:45	N/A	0	0.0000	16:55	52	0.0571	57.1284	*See Field Investigation Below
16:00	80	0.0056	5.6453	18:00	117	0.0340	33.9531	18:00	N/A	0	0.0000	17:00	52	0.0612	61.1815	*See Field Investigation Below
16:15	80	0.0043	4.3042	18:15	117	0.0272	27.1944	18:15	N/A	0	0.0000	17:05	52	0.0638	63.8146	*See Field Investigation Below
16:30	80	0.0028	2.7574	18:30	117	0.0116	11.6007	18:30	N/A	0	0.0000	17:10	52	0.0658	65.8184	*See Field Investigation Below
16:45	80	0.0032	3.2453	18:45	117	0.0082	8.2213	18:45	N/A	0	0.0000	17:15	52	0.0675	67.4535	*See Field Investigation Below
17:00	80	0.0036	3.5910	19:00	117	0.0043	4.3274	19:00	N/A	0	0.0000	17:20	52	0.0682	68.1767	*See Field Investigation Below
17:15	80	0.0035	3.5151	19:15	117	0.0001	0.0618	19:15	N/A	0	0.0000	17:25	52	0.0690	69.0490	*See Field Investigation Below
17:30	80	0.0030	3.0376	19:30	117	0.0001	0.1180	19:30	N/A	0	0.0000	17:30	52	0.0615	61.4882	*See Field Investigation Below
17:45	80	0.0133	13.2687	19:45	117	0.0000	0.0000	19:45	N/A	0	0.0000	17:35	52	0.0649	64.9423	*See Field Investigation Below
18:00	80	0.0147	14.6605	20:00	117	0.0007	0.7380	20:00	N/A	0	0.0000	17:40	52	0.0686	68.6265	*See Field Investigation Below
18:15	80	0.0117	11.7340	20:15	117	0.0051	5.1498	20:15	N/A	0	0.0000	17:45	52	0.0689	68.9150	*See Field Investigation Below
18:30	80	0.0221	22.0945	20:30	117	0.0067	6.7243	20:30	N/A	0	0.0000	17:50	52	0.0685	68.5363	*See Field Investigation Below
18:45	80	0.0258	25.8052	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	17:55	52	0.0669	66.9304	*See Field Investigation Below
19:00	80	0.0291	29.0974	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	18:00	52	0.0662	66.2285	*See Field Investigation Below
19:15	80	0.0349	34.9281	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	18:05	52	0.0662	66.1628	*See Field Investigation Below
19:30	80	0.0349	34.8576	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	18:10	52	0.0649	64.9424	*See Field Investigation Below

19:45	80	0.0443	44.3325	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	18:15	52	0.0632	63.2494	* See Field Investigation Below
20:00	80	0.0462	46.1679	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	18:20	52	0.0629	62.9106	* See Field Investigation Below
20:15	80	0.0579	57.9261	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	18:25	52	0.0563	56.3312	* See Field Investigation Below
20:30	80	0.0625	62.4846	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	18:30	52	0.0477	47.7324	
20:45	80	0.0588	58.7890	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	18:45	52	0.0395	39.5136	
21:00	80	0.0592	59.1636	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	19:00	52	0.0294	29.3726	
21:15	80	0.0604	60.4035	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	19:15	52	0.0200	19.9729	
21:30	80	0.0643	64.2942	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	19:30	52	0.0141	14.0905	
21:45	80	0.0634	63.3711	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	19:45	52	0.0104	10.4199	
22:00	80	0.0664	66.417423									20:00	52	0.0083	8.2937671	
22:15	80	0.0699	69.860003									20:15	52	0.0134	13.353246	
22:30	80	0.0692	69.202982									20:30	52	0.0147	14.711646	
22:45	80	0.0676	67.613678									20:45	52	0.0034	3.3687266	
23:00	80	0.0735	73.477189									21:00	52	0.0022	2.1664898	
23:15	80	0.0732	73.227673									21:15	52	0.0021	2.0879139	
23:30	80	0.0721	72.066396									21:30	52	0.0014	1.4207846	
23:45	80	0.0735	73.53456									21:45	52	0.0015	1.4738665	
												22:00	52	0.0015	1.4825119	
												22:15	52	0.0010	0.9688511	
												22:30	52	0.0002	0.1967394	
												22:45	52	0.0000	0.0298728	
												23:00	52	0.0002	0.2004462	
												23:15	52	0.0000	0	
												23:30	52	0.0001	0.1404108	
												23:45	52	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.
-----------------------	---



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.23	0	0	0	0.3
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)																
10/05/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/05/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/05/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/05/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0700	70.0256	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0709	70.9094	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0732	73.2486	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0736	73.5946	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0678	67.7771	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0707	70.6873	1:15	117	0.0010	1.0100	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0660	65.9558	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0670	66.9999	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0689	68.8681	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0694	69.3860	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0730	73.0180	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0691	69.1232	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0692	69.2044	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0695	69.4710	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0708	70.8039	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0720	72.0135	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0681	68.0643	4:00	117	0.0002	0.1854	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0731	73.0899	4:15	117	0.0021	2.0605	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0725	72.4719	4:30	117	0.0015	1.5449	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0755	75.5385	4:45	117	0.0022	2.1880	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0660	66.0359	5:00	117	0.0004	0.3793	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0647	64.7021	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0649	64.9338	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0641	64.1355	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0648	64.8167	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0677	67.7017	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0032	3.1951	
6:30	80	0.0643	64.3399	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0005	0.4942	
6:45	80	0.0715	71.4520	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0060	5.9989	
7:00	80	0.0646	64.5772	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0073	7.2845	
7:15	80	0.0690	69.0363	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0031	3.0755	
7:20	80	0.0681	68.1249	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0048	4.7936	
7:25	80	0.0655	65.5454	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0045	4.4791	
7:30	80	0.0761	76.1067	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0029	2.9343	
7:35	80	0.1427	142.7165	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0064	6.4336	*See Field Investigation Below

7:40	80	0.1083	108.2685	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0111	11.0973	*See Field Investigation Below
7:45	80	0.0654	65.3803	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0122	12.2013	
7:50	80	0.1557	155.6881	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0106	10.5895	*See Field Investigation Below
7:55	80	0.0887	88.6632	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0151	15.0616	
8:00	80	0.0000	0.0000	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0115	11.5375	
8:05	80	0.0000	0.0000	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0135	13.5193	
8:10	80	0.0000	0.0000	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0168	16.8139	
8:15	80	0.0376	37.6073	10:15	117	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	52	0.0193	19.2502	
8:20	80	0.0841	84.0624	10:30	117	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	52	0.0203	20.3022	*See Field Investigation Below
8:25	80	0.1567	156.7041	10:45	117	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	52	0.0199	19.8701	*See Field Investigation Below
8:30	80	0.2252	225.2165	11:00	117	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	52	0.0272	27.1988	*See Field Investigation Below
8:35	80	0.2417	241.7172	11:15	117	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	52	0.0315	31.4846	*See Field Investigation Below
8:40	80	0.0652	65.1672	11:30	117	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	52	0.0343	34.3006	
8:45	80	0.0000	0.0000	11:45	117	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	52	0.0333	33.3128	
9:00	80	0.0000	0.0000	12:00	117	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	52	0.0299	29.8603	
9:15	80	0.0000	0.0000	12:15	117	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	52	0.0156	15.6188	
9:30	80	0.0000	0.0000	12:30	117	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	52	0.0094	9.3525	
9:45	80	0.0000	0.0000	12:45	117	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	52	0.0052	5.1611	
10:00	80	0.0000	0.0000	13:00	117	0.0026	2.5770	13:00	N/A	0	0.0000	13:00	52	0.0017	1.7094	
10:15	80	0.0000	0.0000	13:15	117	0.0004	0.4020	13:15	N/A	0	0.0000	13:15	52	0.0001	0.0860	
10:30	80	0.0000	0.0000	13:30	117	0.0045	4.5049	13:30	N/A	0	0.0000	13:30	52	0.0000	0.0000	
10:45	80	0.0000	0.0000	13:45	117	0.0054	5.4178	13:45	N/A	0	0.0000	13:45	52	0.0000	0.0000	
11:00	80	0.0000	0.0000	14:00	117	0.0023	2.3212	14:00	N/A	0	0.0000	14:00	52	0.0000	0.0000	
11:15	80	0.0000	0.0000	14:15	117	0.0036	3.6313	14:15	N/A	0	0.0000	14:15	52	0.0000	0.0000	
11:30	80	0.0000	0.0000	14:30	117	0.0032	3.1892	14:30	N/A	0	0.0000	14:30	52	0.0000	0.0000	
11:45	80	0.0000	0.0000	14:45	117	0.0017	1.7232	14:45	N/A	0	0.0000	14:45	52	0.0000	0.0000	
12:00	80	0.0000	0.0000	15:00	117	0.0032	3.2039	15:00	N/A	0	0.0000	15:00	52	0.0000	0.0000	
12:15	80	0.0000	0.0000	15:15	117	0.0058	5.8204	15:15	N/A	0	0.0000	15:15	52	0.0000	0.0000	
12:30	80	0.0000	0.0000	15:30	117	0.0068	6.7821	15:30	N/A	0	0.0000	15:30	52	0.0000	0.0000	
12:45	80	0.0000	0.0000	15:45	117	0.0058	5.7647	15:45	N/A	0	0.0000	15:45	52	0.0000	0.0000	
13:00	80	0.0000	0.0000	16:00	117	0.0102	10.2034	16:00	N/A	0	0.0000	16:00	52	0.0000	0.0000	
13:15	80	0.0000	0.0000	16:15	117	0.0062	6.2471	16:15	N/A	0	0.0000	16:15	52	0.0000	0.0000	
13:30	80	0.0000	0.0000	16:30	117	0.0091	9.0596	16:30	N/A	0	0.0000	16:30	52	0.0000	0.0000	
13:45	80	0.0000	0.0000	16:45	117	0.0136	13.5979	16:45	N/A	0	0.0000	16:45	52	0.0000	0.0000	
14:00	80	0.0000	0.0000	17:00	117	0.0163	16.2547	17:00	N/A	0	0.0000	17:00	52	0.0000	0.0000	
14:15	80	0.0000	0.0000	17:15	117	0.0186	18.6429	17:15	N/A	0	0.0000	17:15	52	0.0203	20.3022	
14:30	80	0.0000	0.0000	17:30	117	0.0185	18.4857	17:30	N/A	0	0.0000	17:30	52	0.0199	19.8701	
14:45	80	0.0000	0.0000	17:45	117	0.0239	23.9195	17:45	N/A	0	0.0000	17:45	52	0.0272	27.1988	
15:00	80	0.0000	0.0000	18:00	117	0.0251	25.0579	18:00	N/A	0	0.0000	18:00	52	0.0315	31.4846	
15:15	80	0.0000	0.0000	18:15	117	0.0227	22.6570	18:15	N/A	0	0.0000	18:15	52	0.0343	34.3006	
15:20	80	0.0000	0.0000	18:30	117	0.0195	19.5028	18:30	N/A	0	0.0000	18:30	52	0.0333	33.3128	
15:25	80	0.0007	0.7023	18:45	117	0.0182	18.1943	18:45	N/A	0	0.0000	18:45	52	0.0299	29.8603	
15:30	80	0.2362	236.1822	19:00	117	0.0037	3.7372	19:00	N/A	0	0.0000	19:00	52	0.0156	15.6188	*See Field Investigation Below
15:35	80	0.2535	253.4956	19:15	117	0.0000	0.0342	19:15	N/A	0	0.0000	19:15	52	0.0094	9.3525	*See Field Investigation Below
15:40	80	0.2526	252.6484	19:30	117	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	52	0.0052	5.1611	*See Field Investigation Below
15:45	80	0.0059	5.8677	19:45	117	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	52	0.0017	1.7094	
16:00	80	0.0000	0.0000	20:00	117	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	52	0.0001	0.0860	
16:15	80	0.0000	0.0000	20:15	117	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	52	0.0000	0.0000	
16:30	80	0.0000	0.0000	20:30	117	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	52	0.0000	0.0000	
16:45	80	0.0000	0.0000	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	52	0.0000	0.0000	
17:00	80	0.0000	0.0000	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	52	0.0000	0.0000	
17:15	80	0.0000	0.0000	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	52	0.0000	0.0000	
17:30	80	0.0000	0.0000	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	52	0.0000	0.0000	
17:45	80	0.0000	0.0000	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	52	0.0000	0.0000	

18:00	80	0.0000	0.0000	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0000	0.0000	
18:15	80	0.0000	0.0000	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0000	
18:30	80	0.0000	0.0000	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
18:45	80	0.0000	0.0000	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
19:00	80	0.0000	0.0000	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	
19:15	80	0.0000	0.0000	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	
19:30	80	0.0000	0.0000	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	
19:35	80	0.0000	0.0000	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	
19:40	80	0.1234	123.44388													* See Field Investigation Below
19:45	80	0.1101	110.05734													* See Field Investigation Below
20:00	80	0.0451	45.093542													
20:15	80	0.0626	62.643798													
20:30	80	0.0623	62.3175													
20:45	80	0.0629	62.879915													
21:00	80	0.0633	63.313255													
21:15	80	0.0687	68.708906													
21:30	80	0.0700	70.040172													
21:45	80	0.0729	72.908899													
22:00	80	0.0700	70.004575													
22:15	80	0.0733	73.337106													
22:20	80	0.0741	74.100305													
22:25	80	0.0740	74.0252													
22:30	80	0.0853	85.284637													* See Field Investigation Below
22:35	80	0.0815	81.459093													* See Field Investigation Below
22:40	80	0.0737	73.728344													
22:45	80	0.0762	76.15203													
23:00	80	0.0793	79.324511													
23:15	80	0.0745	74.512952													
23:20	80	0.0797	79.742121													
23:25	80	0.0802	80.211277													* See Field Investigation Below
23:30	80	0.0787	78.728042													
23:35	80	0.0794	79.376959													
23:40	80	0.0852	85.219227													* See Field Investigation Below
23:45	80	0.0880	87.993623													* See Field Investigation Below
23:50	80	0.0950	94.952438													* See Field Investigation Below
23:55	80	0.1712	171.16049													* 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.
-----------------------	---



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

10/06/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/06/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/06/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/06/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.2245	224.4933	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	*See Field Investigation Below
0:15	80	0.0735	73.4510	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:20	80	0.0767	76.7074	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:25	80	0.0834	83.4463	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	*See Field Investigation Below
0:30	80	0.0808	80.8156	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	*See Field Investigation Below
0:35	80	0.1318	131.8421	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	*See Field Investigation Below
0:40	80	0.2036	203.6196	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	*See Field Investigation Below
0:45	80	0.1060	106.0023	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	*See Field Investigation Below
0:50	80	0.0730	72.9706	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	*See Field Investigation Below
0:55	80	0.0836	83.6025	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	*See Field Investigation Below
1:00	80	0.0788	78.7762	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
1:15	80	0.0752	75.1720	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
1:30	80	0.0726	72.6027	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
1:45	80	0.0726	72.5900	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
2:00	80	0.0711	71.1276	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
2:15	80	0.0775	77.4890	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
2:30	80	0.0755	75.5032	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
2:45	80	0.0735	73.4835	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
3:00	80	0.0779	77.8586	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
3:15	80	0.0743	74.2960	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
3:30	80	0.0767	76.6580	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
3:45	80	0.0765	76.5027	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
4:00	80	0.0696	69.5711	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
4:15	80	0.0693	69.3340	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
4:20	80	0.0701	70.1128	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
4:25	80	0.0752	75.1511	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
4:30	80	0.0739	73.8805	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
4:35	80	0.0700	70.0188	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
4:40	80	0.1421	142.1342	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	*See Field Investigation Below
4:45	80	0.0103	10.2753	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
4:50	80	0.0002	0.2455	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
4:55	80	0.0819	81.9036	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	*See Field Investigation Below
5:00	80	0.0745	74.5225	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
5:05	80	0.0735	73.5134	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0001	
5:10	80	0.0769	76.8867	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0005	0.5450	
5:15	80	0.1359	135.8683	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0016	1.5519	*See Field Investigation Below
5:20	80	0.1050	105.0210	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0015	1.4514	*See Field Investigation Below
5:25	80	0.0708	70.8286	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0026	2.5821	
5:30	80	0.0749	74.8886	9:30	117	0.0023	2.3286	9:30	N/A	0	0.0000	9:30	52	0.0085	8.5288	
5:45	80	0.0761	76.0519	9:45	117	0.0038	3.8234	9:45	N/A	0	0.0000	9:45	52	0.0141	14.0901	
6:00	80	0.0740	73.9937	10:00	117	0.0015	1.4790	10:00	N/A	0	0.0000	10:00	52	0.0070	7.0336	
6:15	80	0.0736	73.6497	10:15	117	0.0024	2.4101	10:15	N/A	0	0.0000	10:15	52	0.0071	7.1433	
6:30	80	0.0731	73.1264	10:30	117	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	52	0.0009	0.8879	
6:45	80	0.0742	74.2275	10:45	117	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	52	0.0019	1.9145	

7:00	80	0.0754	75.3753	11:00	117	0.0009	0.8935	11:00	N/A	0	0.0000	11:00	52	0.0044	4.3789	
7:15	80	0.0750	74.9636	11:15	117	0.0030	3.0050	11:15	N/A	0	0.0000	11:15	52	0.0057	5.7060	
7:30	80	0.0764	76.4438	11:30	117	0.0068	6.7667	11:30	N/A	0	0.0000	11:30	52	0.0075	7.5012	
7:35	80	0.0770	76.9545	11:45	117	0.0089	8.9139	11:45	N/A	0	0.0000	11:45	52	0.0094	9.3677	
7:40	80	0.0773	77.3381	12:00	117	0.0186	18.6041	12:00	N/A	0	0.0000	12:00	52	0.0199	19.8875	
7:45	80	0.1310	131.0397	12:15	117	0.0180	18.0107	12:15	N/A	0	0.0000	12:15	52	0.0217	21.6689	* See Field Investigation Below
7:50	80	0.2028	202.7522	12:30	117	0.0185	18.4819	12:30	N/A	0	0.0000	12:30	52	0.0234	23.4292	* See Field Investigation Below
7:55	80	0.0145	14.4941	12:45	117	0.0197	19.6783	12:45	N/A	0	0.0000	12:45	52	0.0255	25.5180	
8:00	80	0.0000	0.0000	13:00	117	0.0197	19.7402	13:00	N/A	0	0.0000	13:00	52	0.0274	27.4435	
8:05	80	0.0000	0.0000	13:15	117	0.0195	19.4674	13:15	N/A	0	0.0000	13:15	52	0.0298	29.8108	
8:10	80	0.1105	110.4649	13:30	117	0.0199	19.9305	13:30	N/A	0	0.0000	13:30	52	0.0334	33.3636	
8:15	80	0.0980	97.9806	13:45	117	0.0209	20.9073	13:45	N/A	0	0.0000	13:45	52	0.0389	38.8930	
8:20	80	0.0792	79.2423	14:00	117	0.0221	22.0655	14:00	N/A	0	0.0000	14:00	52	0.0433	43.3144	
8:25	80	0.0786	78.6420	14:15	117	0.0225	22.4991	14:15	N/A	0	0.0000	14:05	52	0.0470	46.9843	
8:30	80	0.0788	78.7654	14:30	117	0.0209	20.8940	14:30	N/A	0	0.0000	14:10	52	0.0505	50.4605	
8:35	80	0.0802	80.1831	14:45	117	0.0202	20.1842	14:45	N/A	0	0.0000	14:15	52	0.0534	53.3955	* See Field Investigation Below
8:40	80	0.0801	80.1085	15:00	117	0.0249	24.8715	15:00	N/A	0	0.0000	14:20	52	0.0564	56.3869	* See Field Investigation Below
8:45	80	0.0799	79.9287	15:15	117	0.0258	25.7743	15:15	N/A	0	0.0000	14:25	52	0.0594	59.4475	* See Field Investigation Below
8:50	80	0.0805	80.4928	15:30	117	0.0252	25.1788	15:30	N/A	0	0.0000	14:30	52	0.0618	61.7637	* See Field Investigation Below
8:55	80	0.0817	81.6708	15:45	117	0.0257	25.7246	15:45	N/A	0	0.0000	14:35	52	0.0634	63.3853	* See Field Investigation Below
9:00	80	0.0807	80.6705	16:00	117	0.0269	26.8552	16:00	N/A	0	0.0000	14:40	52	0.0579	57.9293	* See Field Investigation Below
9:05	80	0.0800	80.0404	16:15	117	0.0283	28.2621	16:15	N/A	0	0.0000	14:45	52	0.0634	63.3549	* See Field Investigation Below
9:10	80	0.0803	80.2817	16:30	117	0.0334	33.4024	16:30	N/A	0	0.0000	14:50	52	0.0599	59.9158	* See Field Investigation Below
9:15	80	0.0820	82.0091	16:45	117	0.0362	36.1565	16:45	N/A	0	0.0000	14:55	52	0.0651	65.1131	* See Field Investigation Below
9:20	80	0.0824	82.3535	17:00	117	0.0381	38.1261	17:00	N/A	0	0.0000	15:00	52	0.0680	67.9527	* See Field Investigation Below
9:25	80	0.0808	80.8128	17:15	117	0.0358	35.8271	17:15	N/A	0	0.0000	15:05	52	0.0682	68.1750	* See Field Investigation Below
9:30	80	0.0801	80.0940	17:30	117	0.0397	39.7206	17:30	N/A	0	0.0000	15:10	52	0.0670	67.0161	* See Field Investigation Below
9:35	80	0.0839	83.9075	17:45	117	0.0398	39.8427	17:45	N/A	0	0.0000	15:15	52	0.0665	66.4960	* See Field Investigation Below
9:40	80	0.0910	91.0173	18:00	117	0.0387	38.7321	18:00	N/A	0	0.0000	15:20	52	0.0672	67.2354	* See Field Investigation Below
9:45	80	0.0899	89.9364	18:15	117	0.0370	36.9864	18:15	N/A	0	0.0000	15:25	52	0.0679	67.8707	* See Field Investigation Below
9:50	80	0.0895	89.4808	18:30	117	0.0337	33.6660	18:30	N/A	0	0.0000	15:30	52	0.0685	68.4625	* See Field Investigation Below
9:55	80	0.0903	90.2792	18:45	117	0.0276	27.6178	18:45	N/A	0	0.0000	15:35	52	0.0693	69.3427	* See Field Investigation Below
10:00	80	0.0890	89.0368	19:00	117	0.0213	21.3033	19:00	N/A	0	0.0000	15:40	52	0.0635	63.4730	* See Field Investigation Below
10:05	80	0.0796	79.6017	19:15	117	0.0154	15.3686	19:15	N/A	0	0.0000	15:45	52	0.0689	68.9409	* See Field Investigation Below
10:10	80	0.0809	80.8924	19:30	117	0.0076	7.5735	19:30	N/A	0	0.0000	15:50	52	0.0722	72.2043	* See Field Investigation Below
10:15	80	0.0900	90.0001	19:45	117	0.0045	4.4865	19:45	N/A	0	0.0000	15:55	52	0.0657	65.6735	* See Field Investigation Below
10:20	80	0.0854	85.4468	20:00	117	0.0052	5.1821	20:00	N/A	0	0.0000	16:00	52	0.0634	63.4411	* See Field Investigation Below
10:25	80	0.0774	77.3524	20:15	117	0.0015	1.5468	20:15	N/A	0	0.0000	16:05	52	0.0710	71.0486	* See Field Investigation Below
10:30	80	0.0756	75.6060	20:30	117	0.0006	0.6092	20:30	N/A	0	0.0000	16:10	52	0.0741	74.0982	* See Field Investigation Below
10:45	80	0.0732	73.2401	20:45	117	0.0062	6.1718	20:45	N/A	0	0.0000	16:15	52	0.0743	74.2738	* See Field Investigation Below
11:00	80	0.0691	69.1202	21:00	117	0.0051	5.1242	21:00	N/A	0	0.0000	16:20	52	0.0693	69.3444	* See Field Investigation Below
11:15	80	0.0631	63.1315	21:15	117	0.0014	1.3546	21:15	N/A	0	0.0000	16:25	52	0.0652	65.1894	* See Field Investigation Below
11:30	80	0.0584	58.3718	21:30	117	0.0020	1.9826	21:30	N/A	0	0.0000	16:30	52	0.0706	70.6134	* See Field Investigation Below
11:45	80	0.0563	56.2541	21:45	117	0.0014	1.4372	21:45	N/A	0	0.0000	16:35	52	0.0755	75.4963	* See Field Investigation Below
12:00	80	0.0649	64.8879	22:00	117	0.0027	2.6720	22:00	N/A	0	0.0000	16:40	52	0.0758	75.8463	* See Field Investigation Below
12:15	80	0.0639	63.8813	22:15	117	0.0025	2.5024	22:15	N/A	0	0.0000	16:45	52	0.0767	76.6727	* See Field Investigation Below
12:30	80	0.0615	61.5289	22:30	117	0.0020	2.0047	22:30	N/A	0	0.0000	16:50	52	0.0773	77.3104	* See Field Investigation Below
12:45	80	0.0590	59.0017	22:45	117	0.0029	2.8957	22:45	N/A	0	0.0000	16:55	52	0.0782	78.2025	* See Field Investigation Below
13:00	80	0.0588	58.8126	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	17:00	52	0.0794	79.4385	* See Field Investigation Below
13:15	80	0.0575	57.4734	23:15	117	0.0014	1.4451	23:15	N/A	0	0.0000	17:05	52	0.0800	80.0332	* See Field Investigation Below
13:30	80	0.0557	55.7370	23:30	117	0.0023	2.2687	23:30	N/A	0	0.0000	17:10	52	0.0804	80.3559	* See Field Investigation Below
13:45	80	0.0541	54.1317	23:45	117	0.0032	3.1811	23:45	N/A	0	0.0000	17:15	52	0.0763	76.2989	* See Field Investigation Below
14:00	80	0.0525	52.539563									17:20	52	0.0777	77.659031	* See Field Investigation Below
14:15	80	0.0506	50.613165									17:25	52	0.0826	82.645986	* See Field Investigation Below

23:00	80	0.0913	91.260137
23:05	80	0.0913	91.266968
23:10	80	0.0886	88.588838
23:15	80	0.0983	98.337163
23:20	80	0.1015	101.45348
23:25	80	0.0955	95.499699
23:30	80	0.1344	134.36952
23:35	80	0.1268	126.79885
23:40	80	0.0000	0
23:45	80	0.0518	51.820988

* 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.
-----------------------	---

				* 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



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	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)																
10/07/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/07/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/07/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/07/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0930	93.0242	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0021	* See Field Investigation Below
0:05	80	0.0949	94.9385	0:15	117	0.0014	1.3620	0:15	N/A	0	0.0000	0:15	52	0.0035	3.5358	* See Field Investigation Below
0:10	80	0.0932	93.2116	0:30	117	0.0023	2.2831	0:30	N/A	0	0.0000	0:30	52	0.0053	5.2758	* See Field Investigation Below
0:15	80	0.0956	95.6102	0:45	117	0.0025	2.4689	0:45	N/A	0	0.0000	0:45	52	0.0066	6.6318	* See Field Investigation Below
0:20	80	0.0972	97.2273	1:00	117	0.0019	1.9472	1:00	N/A	0	0.0000	1:00	52	0.0061	6.0979	* See Field Investigation Below
0:25	80	0.1067	106.7237	1:15	117	0.0018	1.8220	1:15	N/A	0	0.0000	1:15	52	0.0056	5.5884	* See Field Investigation Below
0:30	80	0.1096	109.6033	1:30	117	0.0015	1.4706	1:30	N/A	0	0.0000	1:30	52	0.0054	5.4420	* See Field Investigation Below
0:35	80	0.1034	103.3739	1:45	117	0.0014	1.3760	1:45	N/A	0	0.0000	1:45	52	0.0054	5.3840	* See Field Investigation Below
0:40	80	0.0991	99.1305	2:00	117	0.0011	1.1026	2:00	N/A	0	0.0000	2:00	52	0.0053	5.3414	* See Field Investigation Below
0:45	80	0.1057	105.7244	2:15	117	0.0012	1.1764	2:15	N/A	0	0.0000	2:15	52	0.0052	5.2377	* See Field Investigation Below
0:50	80	0.1042	104.1547	2:30	117	0.0005	0.4884	2:30	N/A	0	0.0000	2:30	52	0.0018	1.7626	* See Field Investigation Below
0:55	80	0.1038	103.8377	2:45	117	0.0006	0.6187	2:45	N/A	0	0.0000	2:45	52	0.0018	1.8040	* See Field Investigation Below
1:00	80	0.1042	104.1965	3:00	117	0.0017	1.6813	3:00	N/A	0	0.0000	3:00	52	0.0047	4.6523	* See Field Investigation Below
1:05	80	0.1049	104.8850	3:15	117	0.0015	1.5382	3:15	N/A	0	0.0000	3:15	52	0.0044	4.3513	* See Field Investigation Below
1:10	80	0.1035	103.5087	3:30	117	0.0018	1.7727	3:30	N/A	0	0.0000	3:30	52	0.0041	4.0750	* See Field Investigation Below
1:15	80	0.1026	102.6162	3:45	117	0.0008	0.8109	3:45	N/A	0	0.0000	3:45	52	0.0038	3.7670	* See Field Investigation Below
1:20	80	0.1028	102.8219	4:00	117	0.0011	1.0703	4:00	N/A	0	0.0000	4:00	52	0.0034	3.4239	* See Field Investigation Below
1:25	80	0.1005	100.4523	4:15	117	0.0013	1.3288	4:15	N/A	0	0.0000	4:15	52	0.0037	3.6710	* See Field Investigation Below
1:30	80	0.1001	100.1283	4:30	117	0.0012	1.2288	4:30	N/A	0	0.0000	4:30	52	0.0035	3.5070	* See Field Investigation Below
1:35	80	0.0995	99.5395	4:45	117	0.0009	0.9148	4:45	N/A	0	0.0000	4:45	52	0.0030	3.0313	* See Field Investigation Below
1:40	80	0.1011	101.0666	5:00	117	0.0007	0.6507	5:00	N/A	0	0.0000	5:00	52	0.0026	2.6421	* See Field Investigation Below
1:45	80	0.0996	99.5571	5:15	117	0.0007	0.7263	5:15	N/A	0	0.0000	5:15	52	0.0045	4.5349	* See Field Investigation Below
1:50	80	0.0987	98.6766	5:30	117	0.0010	0.9704	5:30	N/A	0	0.0000	5:30	52	0.0044	4.4465	* See Field Investigation Below
1:55	80	0.0995	99.5243	5:45	117	0.0011	1.0502	5:45	N/A	0	0.0000	5:45	52	0.0031	3.0685	* See Field Investigation Below
2:00	80	0.0994	99.4217	6:00	117	0.0012	1.2222	6:00	N/A	0	0.0000	6:00	52	0.0026	2.6325	* See Field Investigation Below
2:05	80	0.0998	99.7950	6:15	117	0.0012	1.1860	6:15	N/A	0	0.0000	6:15	52	0.0027	2.7063	* See Field Investigation Below
2:10	80	0.1045	104.5412	6:30	117	0.0013	1.2786	6:30	N/A	0	0.0000	6:30	52	0.0027	2.7200	* See Field Investigation Below
2:15	80	0.0998	99.7924	6:45	117	0.0011	1.1119	6:45	N/A	0	0.0000	6:45	52	0.0024	2.4421	* See Field Investigation Below
2:20	80	0.1025	102.5114	7:00	117	0.0007	0.6649	7:00	N/A	0	0.0000	7:00	52	0.0020	1.9714	* See Field Investigation Below
2:25	80	0.1078	107.8354	7:15	117	0.0005	0.4716	7:15	N/A	0	0.0000	7:15	52	0.0020	1.9774	* See Field Investigation Below
2:30	80	0.0976	97.5637	7:30	117	0.0005	0.4729	7:30	N/A	0	0.0000	7:30	52	0.0018	1.8333	* See Field Investigation Below
2:35	80	0.0963	96.3337	7:45	117	0.0004	0.3649	7:45	N/A	0	0.0000	7:45	52	0.0013	1.3289	* See Field Investigation Below
2:40	80	0.0944	94.4162	8:00	117	0.0005	0.4857	8:00	N/A	0	0.0000	8:00	52	0.0016	1.6202	* See Field Investigation Below
2:45	80	0.0926	92.5893	8:15	117	0.0001	0.0605	8:15	N/A	0	0.0000	8:15	52	0.0012	1.1873	* See Field Investigation Below

2:50	80	0.0936	93.5796	8:30	117	0.0002	0.1723	8:30	N/A	0	0.0000	8:30	52	0.0014	1.4401	*See Field Investigation Below
2:55	80	0.0992	99.2474	8:45	117	0.0002	0.1618	8:45	N/A	0	0.0000	8:45	52	0.0017	1.7229	*See Field Investigation Below
3:00	80	0.0996	99.5607	9:00	117	0.0003	0.3262	9:00	N/A	0	0.0000	9:00	52	0.0019	1.9186	*See Field Investigation Below
3:05	80	0.0954	95.4376	9:15	117	0.0001	0.1261	9:15	N/A	0	0.0000	9:15	52	0.0017	1.7393	*See Field Investigation Below
3:10	80	0.1004	100.3613	9:30	117	0.0006	0.5583	9:30	N/A	0	0.0000	9:30	52	0.0027	2.6818	*See Field Investigation Below
3:15	80	0.1020	101.9521	9:45	117	0.0003	0.3166	9:45	N/A	0	0.0000	9:45	52	0.0034	3.3879	*See Field Investigation Below
3:20	80	0.0973	97.2656	10:00	117	0.0005	0.4607	10:00	N/A	0	0.0000	10:00	52	0.0042	4.1897	*See Field Investigation Below
3:25	80	0.0968	96.8029	10:15	117	0.0001	0.1100	10:15	N/A	0	0.0000	10:15	52	0.0026	2.6056	*See Field Investigation Below
3:30	80	0.0948	94.7550	10:30	117	0.0004	0.4180	10:30	N/A	0	0.0000	10:30	52	0.0038	3.8293	*See Field Investigation Below
3:35	80	0.0967	96.7410	10:45	117	0.0009	0.9382	10:45	N/A	0	0.0000	10:45	52	0.0041	4.1097	*See Field Investigation Below
3:40	80	0.0958	95.8082	11:00	117	0.0017	1.6847	11:00	N/A	0	0.0000	11:00	52	0.0041	4.1393	*See Field Investigation Below
3:45	80	0.0933	93.2883	11:15	117	0.0027	2.6540	11:15	N/A	0	0.0000	11:15	52	0.0031	3.1393	*See Field Investigation Below
3:50	80	0.0930	93.0225	11:30	117	0.0010	1.0094	11:30	N/A	0	0.0000	11:30	52	0.0012	1.1885	*See Field Investigation Below
3:55	80	0.0915	91.4518	11:45	117	0.0029	2.9322	11:45	N/A	0	0.0000	11:45	52	0.0031	3.0581	*See Field Investigation Below
4:00	80	0.0942	94.1717	12:00	117	0.0016	1.5571	12:00	N/A	0	0.0000	12:00	52	0.0019	1.9198	*See Field Investigation Below
4:05	80	0.0906	90.6206	12:15	117	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	52	0.0000	0.0000	*See Field Investigation Below
4:10	80	0.0963	96.3317	12:30	117	0.0006	0.5825	12:30	N/A	0	0.0000	12:30	52	0.0007	0.6591	*See Field Investigation Below
4:15	80	0.0933	93.2772	12:45	117	0.0018	1.7966	12:45	N/A	0	0.0000	12:45	52	0.0020	1.9707	*See Field Investigation Below
4:20	80	0.0924	92.3587	13:00	117	0.0019	1.8549	13:00	N/A	0	0.0000	13:00	52	0.0011	1.1304	*See Field Investigation Below
4:25	80	0.0888	88.7606	13:15	117	0.0016	1.5694	13:15	N/A	0	0.0000	13:15	52	0.0008	0.7525	*See Field Investigation Below
4:30	80	0.0888	88.8086	13:30	117	0.0011	1.0650	13:30	N/A	0	0.0000	13:30	52	0.0009	0.9107	*See Field Investigation Below
4:35	80	0.0899	89.9288	13:45	117	0.0014	1.3523	13:45	N/A	0	0.0000	13:45	52	0.0011	1.1311	*See Field Investigation Below
4:40	80	0.0901	90.1265	14:00	117	0.0006	0.5746	14:00	N/A	0	0.0000	14:00	52	0.0006	0.5988	*See Field Investigation Below
4:45	80	0.0858	85.7525	14:15	117	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	52	0.0000	0.0000	*See Field Investigation Below
4:50	80	0.0906	90.5875	14:30	117	0.0006	0.6143	14:30	N/A	0	0.0000	14:30	52	0.0007	0.7045	*See Field Investigation Below
4:55	80	0.0928	92.8279	14:45	117	0.0017	1.6697	14:45	N/A	0	0.0000	14:45	52	0.0019	1.9267	*See Field Investigation Below
5:00	80	0.0888	88.8112	15:00	117	0.0003	0.2948	15:00	N/A	0	0.0000	15:00	52	0.0002	0.2111	*See Field Investigation Below
5:05	80	0.0908	90.8461	15:15	117	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	52	0.0000	0.0000	*See Field Investigation Below
5:10	80	0.0890	88.9807	15:30	117	0.0015	1.4801	15:30	N/A	0	0.0000	15:30	52	0.0010	1.0416	*See Field Investigation Below
5:15	80	0.0875	87.5310	15:45	117	0.0014	1.3561	15:45	N/A	0	0.0000	15:45	52	0.0014	1.3848	*See Field Investigation Below
5:20	80	0.0851	85.0812	16:00	117	0.0018	1.8265	16:00	N/A	0	0.0000	16:00	52	0.0010	0.9543	*See Field Investigation Below
5:25	80	0.0840	83.9832	16:15	117	0.0022	2.2037	16:15	N/A	0	0.0000	16:15	52	0.0012	1.2213	*See Field Investigation Below
5:30	80	0.0825	82.5093	16:30	117	0.0019	1.8776	16:30	N/A	0	0.0000	16:30	52	0.0013	1.3137	*See Field Investigation Below
5:35	80	0.0849	84.8927	16:45	117	0.0001	0.0902	16:45	N/A	0	0.0000	16:45	52	0.0001	0.1085	*See Field Investigation Below
5:40	80	0.0841	84.1426	17:00	117	0.0017	1.6524	17:00	N/A	0	0.0000	17:00	52	0.0009	0.9014	*See Field Investigation Below
5:45	80	0.0833	83.2611	17:15	117	0.0010	1.0285	17:15	N/A	0	0.0000	17:15	52	0.0006	0.6066	*See Field Investigation Below
5:50	80	0.0836	83.5902	17:30	117	0.0007	0.7085	17:30	N/A	0	0.0000	17:30	52	0.0003	0.2650	*See Field Investigation Below
5:55	80	0.0804	80.4396	17:45	117	0.0022	2.2188	17:45	N/A	0	0.0000	17:45	52	0.0010	0.9584	*See Field Investigation Below
6:00	80	0.0831	83.0933	18:00	117	0.0015	1.4993	18:00	N/A	0	0.0000	18:00	52	0.0007	0.6887	*See Field Investigation Below
6:05	80	0.0825	82.4898	18:15	117	0.0041	4.1197	18:15	N/A	0	0.0000	18:15	52	0.0024	2.4218	*See Field Investigation Below
6:10	80	0.0808	80.7601	18:30	117	0.0047	4.6987	18:30	N/A	0	0.0000	18:30	52	0.0028	2.7734	*See Field Investigation Below
6:15	80	0.0821	82.1135	18:45	117	0.0048	4.7894	18:45	N/A	0	0.0000	18:45	52	0.0031	3.1392	*See Field Investigation Below
6:20	80	0.0832	83.2423	19:00	117	0.0017	1.6842	19:00	N/A	0	0.0000	19:00	52	0.0014	1.4158	*See Field Investigation Below
6:25	80	0.0822	82.2374	19:15	117	0.0008	0.8454	19:15	N/A	0	0.0000	19:15	52	0.0008	0.8185	*See Field Investigation Below
6:30	80	0.0826	82.6431	19:30	117	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	52	0.0000	0.0000	*See Field Investigation Below
6:35	80	0.0858	85.7912	19:45	117	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	52	0.0000	0.0000	*See Field Investigation Below
6:40	80	0.0849	84.9290	20:00	117	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	52	0.0000	0.0000	*See Field Investigation Below
6:45	80	0.0862	86.1742	20:15	117	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	52	0.0000	0.0000	*See Field Investigation Below
6:50	80	0.0873	87.2503	20:30	117	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	52	0.0000	0.0000	*See Field Investigation Below
6:55	80	0.0862	86.2077	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	52	0.0000	0.0000	*See Field Investigation Below
7:00	80	0.0860	85.9909	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	52	0.0000	0.0000	*See Field Investigation Below
7:05	80	0.0824	82.4097	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	52	0.0000	0.0000	*See Field Investigation Below
7:10	80	0.0833	83.2559	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	52	0.0000	0.0000	*See Field Investigation Below
7:15	80	0.0849	84.8967	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	52	0.0000	0.0000	*See Field Investigation Below

7:20	80	0.0841	84.1031	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0000	0.0000	* See Field Investigation Below
7:25	80	0.0802	80.1662	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0000	* See Field Investigation Below
7:30	80	0.0791	79.1218	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
7:35	80	0.0797	79.7248	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
7:40	80	0.0813	81.2761	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	* See Field Investigation Below
7:45	80	0.0801	80.1255	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	* See Field Investigation Below
7:50	80	0.0807	80.6815	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	* See Field Investigation Below
7:55	80	0.0793	79.2684	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	
8:00	80	0.0822	82.197405													* See Field Investigation Below
8:05	80	0.0802	80.196948													* See Field Investigation Below
8:10	80	0.0779	77.915091													
8:15	80	0.0789	78.923529													
8:20	80	0.0774	77.415365													
8:25	80	0.0747	74.689453													
8:30	80	0.0757	75.716472													
8:35	80	0.0753	75.323494													
8:40	80	0.0765	76.464228													
8:45	80	0.0775	77.505026													
8:50	80	0.0966	96.60842													* See Field Investigation Below
8:55	80	0.0788	78.829164													
9:00	80	0.0776	77.593771													
9:15	80	0.0787	78.695107													
9:30	80	0.0781	78.125318													
9:45	80	0.0774	77.433941													
10:00	80	0.0772	77.184625													
10:15	80	0.0735	73.467807													
10:30	80	0.0744	74.443687													
10:45	80	0.0729	72.902013													
11:00	80	0.0704	70.411073													
11:15	80	0.0696	69.621331													
11:30	80	0.0633	63.272043													
11:45	80	0.0669	66.928977													
12:00	80	0.0621	62.056884													
12:15	80	0.0549	54.9476													
12:30	80	0.0589	58.912634													
12:45	80	0.0676	67.576159													
13:00	80	0.0671	67.066156													
13:15	80	0.0612	61.200575													
13:30	80	0.0600	59.953364													
13:45	80	0.0615	61.507844													
14:00	80	0.0575	57.548791													
14:15	80	0.0539	53.882974													
14:30	80	0.0565	56.452277													
14:45	80	0.0643	64.257054													
15:00	80	0.0563	56.325494													
15:15	80	0.0560	55.988063													
15:30	80	0.0635	63.516954													
15:45	80	0.0628	62.790928													
16:00	80	0.0617	61.717174													
16:15	80	0.0615	61.506853													
16:30	80	0.0603	60.289354													
16:45	80	0.0510	50.956214													
17:00	80	0.0590	58.970525													
17:15	80	0.0553	55.311824													



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	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)																
10/08/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/08/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/08/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/08/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0571	57.0843	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0557	55.6932	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0560	55.9747	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0563	56.2506	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0552	55.1725	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0556	55.6364	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0553	55.2834	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0553	55.3122	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0545	54.5240	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0549	54.8770	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0547	54.7423	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0552	55.1702	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0541	54.0998	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0545	54.5082	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0565	56.4658	3:30	117	0.0002	0.2263	3:30	N/A	0	0.0000	3:30	52	0.0003	0.2625	
3:45	80	0.0535	53.4981	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0536	53.5838	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0540	54.0166	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0531	53.1210	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0537	53.6745	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0522	52.1982	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0520	52.0153	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0524	52.4376	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0523	52.2611	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0526	52.6180	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0511	51.0573	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0521	52.1147	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0541	54.1455	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0524	52.3964	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0536	53.6176	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0540	53.9629	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0558	55.7577	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0542	54.2223	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0551	55.1166	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0566	56.5902	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0051	5.0752	8:45	117	0.0001	0.0947	8:45	N/A	0	0.0000	8:45	52	0.0012	1.1906	
9:00	80	0.0000	0.0000	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	

9:15	80	0.0730	72.9584	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0033	3.2839	
9:30	80	0.0767	76.6848	9:30	117	0.0001	0.0660	9:30	N/A	0	0.0000	9:30	52	0.0030	2.9628	
9:35	80	0.0812	81.1761	9:45	117	0.0000	0.0461	9:45	N/A	0	0.0000	9:45	52	0.0008	0.8375	* See Field Investigation Below
9:40	80	0.0708	70.8445	10:00	117	0.0007	0.6765	10:00	N/A	0	0.0000	10:00	52	0.0007	0.6854	
9:45	80	0.0682	68.2261	10:15	117	0.0011	1.0998	10:15	N/A	0	0.0000	10:15	52	0.0000	0.0000	
10:00	80	0.0726	72.5797	10:30	117	0.0477	47.7206	10:30	N/A	0	0.0000	10:30	52	0.0000	0.0000	
10:15	80	0.0710	71.0325	10:45	117	0.0195	19.4861	10:45	N/A	0	0.0000	10:45	52	0.0000	0.0000	
10:30	80	0.0698	69.7858	11:00	117	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	52	0.0000	0.0000	
10:45	80	0.0668	66.8244	11:15	117	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	52	0.0000	0.0372	
11:00	80	0.0661	66.1274	11:30	117	0.0015	1.4612	11:30	N/A	0	0.0000	11:30	52	0.0000	0.0049	
11:15	80	0.0658	65.7840	11:45	117	0.0015	1.5332	11:45	N/A	0	0.0000	11:45	52	0.0000	0.0000	
11:30	80	0.0654	65.4078	12:00	117	0.0034	3.4279	12:00	N/A	0	0.0000	12:00	52	0.0000	0.0000	
11:45	80	0.0606	60.6364	12:15	117	0.0039	3.8844	12:15	N/A	0	0.0000	12:15	52	0.0000	0.0000	
12:00	80	0.0596	59.5818	12:30	117	0.0039	3.9274	12:30	N/A	0	0.0000	12:30	52	0.0000	0.0000	
12:15	80	0.0526	52.6321	12:45	117	0.0049	4.8859	12:45	N/A	0	0.0000	12:45	52	0.0000	0.0000	
12:30	80	0.0539	53.8719	13:00	117	0.0061	6.0884	13:00	N/A	0	0.0000	13:00	52	0.0000	0.0000	
12:45	80	0.0485	48.5036	13:15	117	0.0074	7.3510	13:15	N/A	0	0.0000	13:15	52	0.0000	0.0000	
13:00	80	0.0481	48.0519	13:30	117	0.0126	12.6326	13:30	N/A	0	0.0000	13:30	52	0.0000	0.0000	
13:15	80	0.0437	43.6734	13:45	117	0.0118	11.7925	13:45	N/A	0	0.0000	13:45	52	0.0000	0.0000	
13:30	80	0.0357	35.7275	14:00	117	0.0149	14.9417	14:00	N/A	0	0.0000	14:00	52	0.0000	0.0000	
13:45	80	0.0238	23.8369	14:15	117	0.0140	13.9774	14:15	N/A	0	0.0000	14:15	52	0.0000	0.0000	
14:00	80	0.0212	21.1742	14:30	117	0.0168	16.8407	14:30	N/A	0	0.0000	14:30	52	0.0000	0.0000	
14:15	80	0.0203	20.3081	14:45	117	0.0174	17.4052	14:45	N/A	0	0.0000	14:45	52	0.0000	0.0000	
14:30	80	0.0185	18.4925	15:00	117	0.0166	16.6445	15:00	N/A	0	0.0000	15:00	52	0.0000	0.0000	
14:45	80	0.0197	19.7359	15:15	117	0.0163	16.3148	15:15	N/A	0	0.0000	15:15	52	0.0000	0.0000	
15:00	80	0.0185	18.4506	15:30	117	0.0121	12.0600	15:30	N/A	0	0.0000	15:30	52	0.0000	0.0000	
15:15	80	0.0210	21.0438	15:45	117	0.0185	18.5122	15:45	N/A	0	0.0000	15:45	52	0.0000	0.0000	
15:30	80	0.0222	22.2374	16:00	117	0.0202	20.1886	16:00	N/A	0	0.0000	16:00	52	0.0000	0.0000	
15:45	80	0.0227	22.6642	16:15	117	0.0209	20.8998	16:15	N/A	0	0.0000	16:15	52	0.0000	0.0000	
16:00	80	0.0256	25.6148	16:30	117	0.0206	20.6183	16:30	N/A	0	0.0000	16:30	52	0.0000	0.0000	
16:15	80	0.0265	26.5482	16:45	117	0.0204	20.3976	16:45	N/A	0	0.0000	16:45	52	0.0000	0.0000	
16:30	80	0.0257	25.6862	17:00	117	0.0262	26.1692	17:00	N/A	0	0.0000	17:00	52	0.0000	0.0000	
16:45	80	0.0282	28.2377	17:15	117	0.0257	25.6984	17:15	N/A	0	0.0000	17:15	52	0.0000	0.0000	
17:00	80	0.0237	23.7167	17:30	117	0.0278	27.8190	17:30	N/A	0	0.0000	17:30	52	0.0000	0.0005	
17:15	80	0.0184	18.4268	17:45	117	0.0311	31.1006	17:45	N/A	0	0.0000	17:45	52	0.0008	0.8192	
17:30	80	0.0177	17.7498	18:00	117	0.0290	29.0452	18:00	N/A	0	0.0000	18:00	52	0.0030	2.9909	
17:45	80	0.0231	23.1039	18:15	117	0.0277	27.7295	18:15	N/A	0	0.0000	18:15	52	0.0046	4.5712	
18:00	80	0.0246	24.6088	18:30	117	0.0274	27.4147	18:30	N/A	0	0.0000	18:30	52	0.0055	5.5435	
18:15	80	0.0269	26.8910	18:45	117	0.0225	22.4782	18:45	N/A	0	0.0000	18:45	52	0.0044	4.3543	
18:30	80	0.0300	30.0035	19:00	117	0.0154	15.4212	19:00	N/A	0	0.0000	19:00	52	0.0036	3.6457	
18:45	80	0.0305	30.4760	19:15	117	0.0084	8.3758	19:15	N/A	0	0.0000	19:15	52	0.0031	3.0615	
19:00	80	0.0401	40.0825	19:30	117	0.0061	6.1002	19:30	N/A	0	0.0000	19:30	52	0.0027	2.7089	
19:15	80	0.0510	50.9805	19:45	117	0.0033	3.2636	19:45	N/A	0	0.0000	19:45	52	0.0006	0.5581	
19:30	80	0.0557	55.6747	20:00	117	0.0013	1.3257	20:00	N/A	0	0.0000	20:00	52	0.0002	0.2037	
19:45	80	0.0487	48.6723	20:15	117	0.0000	0.0000	20:15	N/A	0.00247278	2.4728	20:15	52	0.0000	0.0000	
20:00	80	0.0441	44.0524	20:30	117	0.0000	0.0000	20:30	N/A	0.00473007	4.7301	20:30	52	0.0000	0.0000	
20:15	80	0.0365	36.5390	20:45	117	0.0000	0.0000	20:45	N/A	0.00119139	1.1914	20:45	52	0.0000	0.0000	
20:30	80	0.0366	36.5895	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	52	0.0000	0.0000	
20:45	80	0.0615	61.4667	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	52	0.0000	0.0000	
21:00	80	0.0396	39.5555	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	52	0.0000	0.0000	
21:15	80	0.0426	42.5743	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	52	0.0000	0.0000	
21:30	80	0.0419	41.9005	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0000	0.0000	
21:45	80	0.0430	42.9640	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0000	
22:00	80	0.0412	41.1810	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
22:15	80	0.0643	64.3419	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
22:30	80	0.0584	58.4160	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	
22:45	80	0.0484	48.3542	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	
23:00	80	0.0442	44.2122	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	

23:15	80	0.0431	43.0957	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	
23:30	80	0.0440	44.0259401													
23:45	80	0.0450	44.9697284													

* 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.
-----------------------	---



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

10/09/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/09/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/09/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/09/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0474	47.4101	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0456	45.5753	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0488	48.7997	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0463	46.3276	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0483	48.2847	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0478	47.7585	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0464	46.3967	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0452	45.2451	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0474	47.3741	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0484	48.4359	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0492	49.2498	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0507	50.7106	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0520	51.9683	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0520	52.0212	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0530	52.9649	3:30	117	0.0000	0.0000	3:30	N/A	0.00285327	2.8533	3:30	52	0.0000	0.0000	
3:45	80	0.0539	53.9360	3:45	117	0.0000	0.0000	3:45	N/A	0.00713078	7.1308	3:45	52	0.0000	0.0000	
4:00	80	0.0541	54.0518	4:00	117	0.0000	0.0000	4:00	N/A	0.00584763	5.8476	4:00	52	0.0000	0.0000	
4:15	80	0.0548	54.8233	4:15	117	0.0000	0.0000	4:15	N/A	0.00266179	2.6618	4:15	52	0.0000	0.0000	
4:30	80	0.0559	55.9030	4:30	117	0.0000	0.0000	4:30	N/A	0.00049879	0.4988	4:30	52	0.0000	0.0000	
4:45	80	0.0538	53.8359	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0509	50.9188	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0480	47.9608	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0508	50.7669	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0508	50.7618	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0515	51.5032	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0516	51.5603	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0532	53.2170	6:30	117	0.0001	0.0707	6:30	N/A	0	0.0000	6:30	52	0.0005	0.5299	
6:45	80	0.0578	57.8400	6:45	117	0.0013	1.3480	6:45	N/A	0	0.0000	6:45	52	0.0017	1.7144	
7:00	80	0.0606	60.5544	7:00	117	0.0001	0.1201	7:00	N/A	0	0.0000	7:00	52	0.0007	0.6873	
7:15	80	0.0537	53.6744	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0300	
7:30	80	0.0555	55.4532	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0525	52.5192	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0505	50.4513	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0516	51.5715	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0517	51.6659	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0603	60.3189	8:45	117	0.0004	0.3819	8:45	N/A	0	0.0000	8:45	52	0.0009	0.9123	
9:00	80	0.0585	58.5240	9:00	117	0.0012	1.1983	9:00	N/A	0	0.0000	9:00	52	0.0025	2.5096	
9:15	80	0.0508	50.8008	9:15	117	0.0005	0.5179	9:15	N/A	0	0.0000	9:15	52	0.0013	1.2880	
9:30	80	0.0537	53.7282	9:30	117	0.0008	0.7585	9:30	N/A	0	0.0000	9:30	52	0.0015	1.4697	
9:45	80	0.0579	57.8801	9:45	117	0.0029	2.8518	9:45	N/A	0	0.0000	9:45	52	0.0028	2.7690	
10:00	80	0.0585	58.5295	10:00	117	0.0041	4.0552	10:00	N/A	0	0.0000	10:00	52	0.0051	5.1490	
10:15	80	0.0587	58.6711	10:15	117	0.0049	4.8751	10:15	N/A	0	0.0000	10:15	52	0.0072	7.1918	
10:30	80	0.0569	56.9177	10:30	117	0.0073	7.3415	10:30	N/A	0	0.0000	10:30	52	0.0053	5.3096	
10:45	80	0.0528	52.7943	10:45	117	0.0059	5.8747	10:45	N/A	0	0.0000	10:45	52	0.0032	3.1574	
11:00	80	0.0534	53.4437	11:00	117	0.0123	12.3407	11:00	N/A	0	0.0000	11:00	52	0.0035	3.5129	
11:15	80	0.0507	50.7159	11:15	117	0.0151	15.0837	11:15	N/A	0	0.0000	11:15	52	0.0029	2.8957	
11:30	80	0.0486	48.6289	11:30	117	0.0159	15.8830	11:30	N/A	0	0.0000	11:30	52	0.0015	1.4958	

11:45	80	0.0487	48.7358	11:45	117	0.0146	14.6131	11:45	N/A	0	0.0000	11:45	52	0.0001	0.0519	
12:00	80	0.0460	45.9635	12:00	117	0.0166	16.5517	12:00	N/A	0	0.0000	12:00	52	0.0000	0.0000	
12:15	80	0.0416	41.6123	12:15	117	0.0156	15.6029	12:15	N/A	0	0.0000	12:15	52	0.0000	0.0000	
12:30	80	0.0380	38.0149	12:30	117	0.0146	14.5617	12:30	N/A	0	0.0000	12:30	52	0.0000	0.0000	
12:45	80	0.0367	36.7009	12:45	117	0.0112	11.1579	12:45	N/A	0	0.0000	12:45	52	0.0000	0.0000	
13:00	80	0.0355	35.5132	13:00	117	0.0096	9.5657	13:00	N/A	0	0.0000	13:00	52	0.0000	0.0000	
13:15	80	0.0334	33.4155	13:15	117	0.0092	9.2413	13:15	N/A	0	0.0000	13:15	52	0.0000	0.0000	
13:30	80	0.0293	29.3418	13:30	117	0.0108	10.7827	13:30	N/A	0	0.0000	13:30	52	0.0000	0.0000	
13:45	80	0.0251	25.1464	13:45	117	0.0129	12.8844	13:45	N/A	0.00013983	0.1398	13:45	52	0.0000	0.0000	
14:00	80	0.0198	19.7797	14:00	117	0.0148	14.8170	14:00	N/A	0.00066002	0.6600	14:00	52	0.0000	0.0000	
14:15	80	0.0132	13.2407	14:15	117	0.0142	14.1715	14:15	N/A	0.00182574	1.8257	14:15	52	0.0000	0.0000	
14:30	80	0.0057	5.7025	14:30	117	0.0157	15.7085	14:30	N/A	0.00278815	2.7881	14:30	52	0.0000	0.0000	
14:45	80	0.0083	8.3275	14:45	117	0.0185	18.5099	14:45	N/A	0.00333057	3.3306	14:45	52	0.0000	0.0000	
15:00	80	0.0086	8.6060	15:00	117	0.0171	17.0579	15:00	N/A	0.00338722	3.3872	15:00	52	0.0000	0.0000	
15:15	80	0.0037	3.7385	15:15	117	0.0173	17.2550	15:15	N/A	0.00354993	3.5499	15:15	52	0.0000	0.0000	
15:30	80	0.0033	3.2510	15:30	117	0.0167	16.6924	15:30	N/A	0.00362918	3.6292	15:30	52	0.0000	0.0000	
15:45	80	0.0077	7.6533	15:45	117	0.0163	16.3098	15:45	N/A	0.00328681	3.2868	15:45	52	0.0000	0.0000	
16:00	80	0.0070	6.9886	16:00	117	0.0208	20.7849	16:00	N/A	0.00317593	3.1759	16:00	52	0.0000	0.0000	
16:15	80	0.0048	4.7844	16:15	117	0.0217	21.6992	16:15	N/A	0.00331058	3.3106	16:15	52	0.0000	0.0000	
16:30	80	0.0070	6.9904	16:30	117	0.0217	21.7242	16:30	N/A	0.00296985	2.9698	16:30	52	0.0000	0.0000	
16:45	80	0.0060	5.9788	16:45	117	0.0229	22.9021	16:45	N/A	0.00254016	2.5402	16:45	52	0.0000	0.0000	
17:00	80	0.0098	9.8315	17:00	117	0.0242	24.2404	17:00	N/A	0.00225137	2.2514	17:00	52	0.0000	0.0000	
17:15	80	0.0108	10.8162	17:15	117	0.0261	26.0845	17:15	N/A	0.00171703	1.7170	17:15	52	0.0000	0.0000	
17:30	80	0.0129	12.8988	17:30	117	0.0259	25.9352	17:30	N/A	0.00125424	1.2542	17:30	52	0.0000	0.0000	
17:45	80	0.0143	14.2762	17:45	117	0.0258	25.8195	17:45	N/A	0.00092404	0.9240	17:45	52	0.0000	0.0000	
18:00	80	0.0150	14.9973	18:00	117	0.0232	23.1579	18:00	N/A	0.00038607	0.3861	18:00	52	0.0000	0.0000	
18:15	80	0.0171	17.0784	18:15	117	0.0243	24.3428	18:15	N/A	4.2713E-05	0.0427	18:15	52	0.0000	0.0000	
18:30	80	0.0192	19.1535	18:30	117	0.0231	23.0775	18:30	N/A	0	0.0000	18:30	52	0.0000	0.0000	
18:45	80	0.0240	24.0382	18:45	117	0.0203	20.3062	18:45	N/A	0	0.0000	18:45	52	0.0000	0.0000	
19:00	80	0.0264	26.4050	19:00	117	0.0169	16.8712	19:00	N/A	0	0.0000	19:00	52	0.0000	0.0000	
19:15	80	0.0373	37.2501	19:15	117	0.0161	16.1046	19:15	N/A	0	0.0000	19:15	52	0.0000	0.0231	
19:30	80	0.0438	43.7985	19:30	117	0.0086	8.5698	19:30	N/A	0	0.0000	19:30	52	0.0003	0.3164	
19:45	80	0.0467	46.6945	19:45	117	0.0069	6.8849	19:45	N/A	0	0.0000	19:45	52	0.0001	0.1347	
20:00	80	0.0524	52.3635	20:00	117	0.0072	7.1617	20:00	N/A	0	0.0000	20:00	52	0.0010	1.0249	
20:15	80	0.0506	50.6269	20:15	117	0.0071	7.1182	20:15	N/A	0	0.0000	20:15	52	0.0009	0.8510	
20:30	80	0.0530	53.0195	20:30	117	0.0064	6.3696	20:30	N/A	0	0.0000	20:30	52	0.0008	0.8424	
20:45	80	0.0510	50.9650	20:45	117	0.0050	5.0097	20:45	N/A	0	0.0000	20:45	52	0.0003	0.3254	
21:00	80	0.0518	51.7960	21:00	117	0.0033	3.3490	21:00	N/A	0	0.0000	21:00	52	0.0000	0.0010	
21:15	80	0.0411	41.0741	21:15	117	0.0004	0.4459	21:15	N/A	0	0.0000	21:15	52	0.0000	0.0000	
21:30	80	0.0469	46.9145	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	52	0.0000	0.0000	
21:45	80	0.0452	45.1504	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	52	0.0000	0.0000	
22:00	80	0.0472	47.2144	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0000	0.0000	
22:15	80	0.0455	45.4518	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0000	
22:30	80	0.0519	51.9424	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
22:45	80	0.0657	65.6546	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
23:00	80	0.0585	58.4632	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	
23:15	80	0.0476	47.5821	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	
23:30	80	0.0510	51.0095	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	
23:45	80	0.0495	49.4888	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	



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

10/10/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/10/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/10/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/10/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0500	49.9928	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0770	77.0107	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0527	52.7395	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0523	52.3184	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0488	48.7811	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0512	51.1814	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0515	51.4806	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0502	50.1925	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0498	49.8327	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0518	51.8141	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0506	50.6091	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0523	52.3427	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0507	50.6886	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0506	50.6225	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0488	48.8467	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0482	48.2330	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0480	48.0482	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0470	47.0183	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0470	46.9808	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0462	46.1840	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0465	46.5274	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0464	46.4483	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0459	45.9120	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0451	45.0721	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0452	45.2265	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0460	46.0126	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0457	45.7167	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0457	45.7298	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0447	44.7329	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0440	43.9802	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0423	42.3458	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0473	47.3062	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0450	44.9623	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0454	45.3599	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0477	47.7325	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0497	49.6525	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	
9:00	80	0.0505	50.5331	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	
9:15	80	0.0517	51.7450	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0000	0.0000	
9:30	80	0.0518	51.8445	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0015	1.4833	
9:45	80	0.0454	45.3806	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0007	0.7271	
10:00	80	0.0450	45.0325	10:00	117	0.0014	1.3583	10:00	N/A	0	0.0000	10:00	52	0.0016	1.5976	
10:15	80	0.0470	46.9581	10:15	117	0.0021	2.1364	10:15	N/A	0	0.0000	10:15	52	0.0023	2.2745	
10:30	80	0.0377	37.6684	10:30	117	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	52	0.0000	0.0000	
10:45	80	0.0368	36.8246	10:45	117	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	52	0.0000	0.0000	
11:00	80	0.0367	36.6786	11:00	117	0.0014	1.3734	11:00	N/A	0	0.0000	11:00	52	0.0000	0.0000	
11:15	80	0.0329	32.8595	11:15	117	0.0012	1.1801	11:15	N/A	0	0.0000	11:15	52	0.0000	0.0000	
11:30	80	0.0299	29.9142	11:30	117	0.0055	5.5340	11:30	N/A	0	0.0000	11:30	52	0.0000	0.0000	

11:45	80	0.0278	27.7867	11:45	117	0.0067	6.6688	11:45	N/A	0	0.0000	11:45	52	0.0000	0.0000	
12:00	80	0.0280	28.0421	12:00	117	0.0088	8.7709	12:00	N/A	0	0.0000	12:00	52	0.0000	0.0000	
12:15	80	0.0276	27.5667	12:15	117	0.0108	10.8373	12:15	N/A	0	0.0000	12:15	52	0.0000	0.0000	
12:30	80	0.0314	31.4218	12:30	117	0.0115	11.5466	12:30	N/A	0	0.0000	12:30	52	0.0000	0.0000	
12:45	80	0.0316	31.6319	12:45	117	0.0124	12.3999	12:45	N/A	0	0.0000	12:45	52	0.0000	0.0000	
13:00	80	0.0281	28.1480	13:00	117	0.0095	9.4915	13:00	N/A	0	0.0000	13:00	52	0.0000	0.0000	
13:15	80	0.0308	30.7582	13:15	117	0.0105	10.4504	13:15	N/A	0	0.0000	13:15	52	0.0000	0.0000	
13:30	80	0.0320	32.0231	13:30	117	0.0083	8.3293	13:30	N/A	0	0.0000	13:30	52	0.0000	0.0000	
13:45	80	0.0303	30.3211	13:45	117	0.0117	11.7308	13:45	N/A	0	0.0000	13:45	52	0.0000	0.0000	
14:00	80	0.0294	29.3809	14:00	117	0.0144	14.3529	14:00	N/A	0	0.0000	14:00	52	0.0000	0.0000	
14:15	80	0.0301	30.0698	14:15	117	0.0166	16.5974	14:15	N/A	0	0.0000	14:15	52	0.0000	0.0000	
14:30	80	0.0299	29.9172	14:30	117	0.0152	15.1866	14:30	N/A	0	0.0000	14:30	52	0.0000	0.0000	
14:45	80	0.0321	32.1150	14:45	117	0.0172	17.1809	14:45	N/A	0	0.0000	14:45	52	0.0000	0.0000	
15:00	80	0.0326	32.5727	15:00	117	0.0164	16.3544	15:00	N/A	0	0.0000	15:00	52	0.0000	0.0000	
15:15	80	0.0327	32.6619	15:15	117	0.0171	17.1187	15:15	N/A	0	0.0000	15:15	52	0.0000	0.0000	
15:30	80	0.0296	29.6323	15:30	117	0.0148	14.8339	15:30	N/A	0	0.0000	15:30	52	0.0000	0.0000	
15:45	80	0.0307	30.6628	15:45	117	0.0153	15.2862	15:45	N/A	0	0.0000	15:45	52	0.0000	0.0000	
16:00	80	0.0290	28.9907	16:00	117	0.0189	18.9035	16:00	N/A	0	0.0000	16:00	52	0.0000	0.0000	
16:15	80	0.0288	28.8336	16:15	117	0.0196	19.6247	16:15	N/A	0	0.0000	16:15	52	0.0000	0.0000	
16:30	80	0.0294	29.4428	16:30	117	0.0249	24.8559	16:30	N/A	0	0.0000	16:30	52	0.0000	0.0000	
16:45	80	0.0304	30.3814	16:45	117	0.0253	25.2681	16:45	N/A	0	0.0000	16:45	52	0.0000	0.0000	
17:00	80	0.0321	32.1229	17:00	117	0.0227	22.6710	17:00	N/A	0	0.0000	17:00	52	0.0000	0.0000	
17:15	80	0.0318	31.7853	17:15	117	0.0271	27.0721	17:15	N/A	0	0.0000	17:15	52	0.0000	0.0000	
17:30	80	0.0326	32.5780	17:30	117	0.0275	27.5213	17:30	N/A	0	0.0000	17:30	52	0.0000	0.0000	
17:45	80	0.0336	33.6232	17:45	117	0.0282	28.2164	17:45	N/A	0	0.0000	17:45	52	0.0000	0.0000	
18:00	80	0.0337	33.7084	18:00	117	0.0300	29.9606	18:00	N/A	0	0.0000	18:00	52	0.0000	0.0000	
18:15	80	0.0377	37.6941	18:15	117	0.0314	31.4481	18:15	N/A	0	0.0000	18:15	52	0.0003	0.2803	
18:30	80	0.0409	40.8983	18:30	117	0.0330	32.9918	18:30	N/A	0	0.0000	18:30	52	0.0016	1.6398	
18:45	80	0.0487	48.6529	18:45	117	0.0290	29.0295	18:45	N/A	0	0.0000	18:45	52	0.0009	0.8766	
19:00	80	0.0519	51.8511	19:00	117	0.0258	25.7716	19:00	N/A	0	0.0000	19:00	52	0.0005	0.4534	
19:15	80	0.0551	55.1449	19:15	117	0.0202	20.2403	19:15	N/A	0	0.0000	19:15	52	0.0017	1.7463	
19:30	80	0.0590	59.0386	19:30	117	0.0185	18.5192	19:30	N/A	0	0.0000	19:30	52	0.0018	1.8058	
19:45	80	0.0574	57.4215	19:45	117	0.0175	17.5036	19:45	N/A	0	0.0000	19:45	52	0.0010	0.9798	
20:00	80	0.0540	54.0308	20:00	117	0.0161	16.1128	20:00	N/A	0	0.0000	20:00	52	0.0000	0.0132	
20:15	80	0.0540	54.0142	20:15	117	0.0132	13.1992	20:15	N/A	0	0.0000	20:15	52	0.0000	0.0000	
20:30	80	0.0488	48.8183	20:30	117	0.0045	4.4641	20:30	N/A	0	0.0000	20:30	52	0.0000	0.0000	
20:45	80	0.0481	48.0940	20:45	117	0.0027	2.6515	20:45	N/A	0	0.0000	20:45	52	0.0000	0.0000	
21:00	80	0.0507	50.6862	21:00	117	0.0020	1.9883	21:00	N/A	0	0.0000	21:00	52	0.0000	0.0000	
21:15	80	0.0477	47.6561	21:15	117	0.0011	1.0701	21:15	N/A	0	0.0000	21:15	52	0.0000	0.0000	
21:30	80	0.0511	51.0603	21:30	117	0.0005	0.5369	21:30	N/A	0	0.0000	21:30	52	0.0000	0.0000	
21:45	80	0.0499	49.9358	21:45	117	0.0000	0.0175	21:45	N/A	0	0.0000	21:45	52	0.0000	0.0000	
22:00	80	0.0508	50.7529	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0000	0.0000	
22:15	80	0.0499	49.8698	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0000	
22:30	80	0.0511	51.0655	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
22:45	80	0.0525	52.5362	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
23:00	80	0.0508	50.8103	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	
23:15	80	0.0494	49.4347	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	
23:30	80	0.0494	49.4239	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	
23:45	80	0.0518	51.7599	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	



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

10/11/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/11/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/11/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/11/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0507	50.7448	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0507	50.7089	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0490	49.0009	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0510	51.0431	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0508	50.8186	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0471	47.0546	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0473	47.3259	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0459	45.9154	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0461	46.1057	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0442	44.2063	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0437	43.7132	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0428	42.8132	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0411	41.1300	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0415	41.4711	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0418	41.7968	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0444	44.3934	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0407	40.7037	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0410	40.9967	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0430	43.0305	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0423	42.3134	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0411	41.1325	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0430	43.0263	5:15	117	0.0014	1.3990	5:15	N/A	0	0.0000	5:15	52	0.0001	0.0596	
5:30	80	0.0389	38.9199	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0406	40.6287	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0416	41.6386	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0407	40.6514	6:15	117	0.0001	0.1478	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0435	43.4900	6:30	117	0.0010	1.0180	6:30	N/A	0	0.0000	6:30	52	0.0001	0.0934	
6:45	80	0.0417	41.6558	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0405	40.5324	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0425	42.5227	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0405	40.4794	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0388	38.8222	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0440	43.9822	8:00	117	0.0000	0.0215	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0365	
8:15	80	0.0403	40.3264	8:15	117	0.0000	0.0028	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0077	
8:30	80	0.0422	42.2481	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0506	50.5788	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0018	1.8436	
9:00	80	0.0468	46.7766	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0014	1.4385	
9:15	80	0.0478	47.7660	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0014	1.4208	
9:30	80	0.0535	53.4795	9:30	117	0.0001	0.1212	9:30	N/A	0	0.0000	9:30	52	0.0058	5.7954	
9:45	80	0.0567	56.7235	9:45	117	0.0009	0.8916	9:45	N/A	0	0.0000	9:45	52	0.0078	7.8299	
10:00	80	0.0489	48.9322	10:00	117	0.0002	0.2040	10:00	N/A	0	0.0000	10:00	52	0.0007	0.7294	
10:15	80	0.0543	54.2988	10:15	117	0.0015	1.5186	10:15	N/A	0	0.0000	10:15	52	0.0052	5.1929	
10:30	80	0.0582	58.2341	10:30	117	0.0017	1.7274	10:30	N/A	0	0.0000	10:30	52	0.0061	6.0684	
10:45	80	0.0531	53.1135	10:45	117	0.0014	1.3675	10:45	N/A	0	0.0000	10:45	52	0.0040	4.0494	
11:00	80	0.0586	58.6271	11:00	117	0.0066	6.5689	11:00	N/A	0	0.0000	11:00	52	0.0076	7.6430	
11:15	80	0.0597	59.7235	11:15	117	0.0087	8.6640	11:15	N/A	0	0.0000	11:15	52	0.0074	7.3538	
11:30	80	0.0590	58.9659	11:30	117	0.0099	9.8979	11:30	N/A	0	0.0000	11:30	52	0.0086	8.6394	

11:45	80	0.0549	54.8890	11:45	117	0.0114	11.4294	11:45	N/A	0	0.0000	11:45	52	0.0064	6.3679	
12:00	80	0.0537	53.7241	12:00	117	0.0129	12.9256	12:00	N/A	0	0.0000	12:00	52	0.0051	5.0796	
12:15	80	0.0509	50.9241	12:15	117	0.0132	13.1750	12:15	N/A	0	0.0000	12:15	52	0.0041	4.1206	
12:30	80	0.0503	50.2732	12:30	117	0.0311	31.0807	12:30	N/A	0	0.0000	12:30	52	0.0040	4.0041	
12:45	80	0.0515	51.5290	12:45	117	0.0686	68.6444	12:45	N/A	0	0.0000	12:45	52	0.0032	3.2447	
13:00	80	0.0529	52.9472	13:00	117	0.0343	34.3385	13:00	N/A	0	0.0000	13:00	52	0.0035	3.5497	
13:15	80	0.0546	54.6019	13:15	117	0.0204	20.4235	13:15	N/A	0	0.0000	13:15	52	0.0031	3.1458	
13:30	80	0.0557	55.6968	13:30	117	0.0155	15.5302	13:30	N/A	0	0.0000	13:30	52	0.0026	2.5642	
13:45	80	0.0555	55.4581	13:45	117	0.0187	18.7002	13:45	N/A	0	0.0000	13:45	52	0.0027	2.6671	
14:00	80	0.0560	56.0318	14:00	117	0.0213	21.3171	14:00	N/A	0	0.0000	14:00	52	0.0023	2.3277	
14:15	80	0.0552	55.1823	14:15	117	0.0203	20.2925	14:15	N/A	0	0.0000	14:15	52	0.0027	2.6592	
14:30	80	0.0540	53.9508	14:30	117	0.0222	22.1901	14:30	N/A	0	0.0000	14:30	52	0.0030	2.9501	
14:45	80	0.0533	53.3039	14:45	117	0.0215	21.4550	14:45	N/A	0	0.0000	14:45	52	0.0029	2.8553	
15:00	80	0.0532	53.1619	15:00	117	0.0194	19.4380	15:00	N/A	0	0.0000	15:00	52	0.0044	4.3846	
15:15	80	0.0520	52.0272	15:15	117	0.0225	22.5175	15:15	N/A	0	0.0000	15:15	52	0.0054	5.4222	
15:30	80	0.0496	49.6027	15:30	117	0.0162	16.1803	15:30	N/A	0	0.0000	15:30	52	0.0063	6.2691	
15:45	80	0.0491	49.1166	15:45	117	0.0208	20.7796	15:45	N/A	0	0.0000	15:45	52	0.0085	8.4843	
16:00	80	0.0479	47.9342	16:00	117	0.0208	20.8313	16:00	N/A	0	0.0000	16:00	52	0.0096	9.6285	
16:15	80	0.0475	47.4668	16:15	117	0.0209	20.9285	16:15	N/A	0	0.0000	16:15	52	0.0108	10.7920	
16:30	80	0.0480	47.9799	16:30	117	0.0239	23.8828	16:30	N/A	0	0.0000	16:30	52	0.0125	12.4645	
16:45	80	0.0488	48.8334	16:45	117	0.0261	26.1227	16:45	N/A	0	0.0000	16:45	52	0.0139	13.8972	
17:00	80	0.0493	49.3201	17:00	117	0.0263	26.3320	17:00	N/A	0	0.0000	17:00	52	0.0160	16.0449	
17:15	80	0.0488	48.8105	17:15	117	0.0297	29.7002	17:15	N/A	0	0.0000	17:15	52	0.0171	17.0996	
17:30	80	0.0513	51.2807	17:30	117	0.0279	27.8930	17:30	N/A	0	0.0000	17:30	52	0.0182	18.1659	
17:45	80	0.0517	51.7145	17:45	117	0.0301	30.1124	17:45	N/A	0	0.0000	17:45	52	0.0180	18.0365	
18:00	80	0.0544	54.4418	18:00	117	0.0304	30.3945	18:00	N/A	0	0.0000	18:00	52	0.0178	17.8170	
18:15	80	0.0555	55.4989	18:15	117	0.0287	28.7457	18:15	N/A	0	0.0000	18:15	52	0.0164	16.4045	
18:30	80	0.0524	52.3631	18:30	117	0.0259	25.9324	18:30	N/A	0	0.0000	18:30	52	0.0139	13.9248	
18:45	80	0.0524	52.3684	18:45	117	0.0241	24.1186	18:45	N/A	0	0.0000	18:45	52	0.0107	10.7001	
19:00	80	0.0537	53.7363	19:00	117	0.0205	20.4760	19:00	N/A	0	0.0000	19:00	52	0.0067	6.6920	
19:15	80	0.0640	63.9535	19:15	117	0.0173	17.2512	19:15	N/A	0	0.0000	19:15	52	0.0037	3.6853	
19:30	80	0.0686	68.5748	19:30	117	0.0136	13.5970	19:30	N/A	0	0.0000	19:30	52	0.0015	1.5372	
19:45	80	0.0714	71.3632	19:45	117	0.0116	11.6158	19:45	N/A	0	0.0000	19:45	52	0.0005	0.5488	
20:00	80	0.0714	71.3748	20:00	117	0.0086	8.6207	20:00	N/A	0	0.0000	20:00	52	0.0000	0.0060	
20:15	80	0.0757	75.6837	20:15	117	0.0083	8.3311	20:15	N/A	0	0.0000	20:15	52	0.0000	0.0000	
20:30	80	0.0768	76.8029	20:30	117	0.0066	6.5820	20:30	N/A	0	0.0000	20:30	52	0.0000	0.0000	
20:45	80	0.0746	74.5796	20:45	117	0.0048	4.7575	20:45	N/A	0	0.0000	20:45	52	0.0000	0.0000	
21:00	80	0.0731	73.0583	21:00	117	0.0051	5.0659	21:00	N/A	0	0.0000	21:00	52	0.0000	0.0000	
21:15	80	0.0749	74.8846	21:15	117	0.0050	4.9673	21:15	N/A	0	0.0000	21:15	52	0.0000	0.0000	
21:30	80	0.0744	74.4230	21:30	117	0.0042	4.1892	21:30	N/A	0	0.0000	21:30	52	0.0000	0.0452	
21:45	80	0.0683	68.3358	21:45	117	0.0040	3.9643	21:45	N/A	0	0.0000	21:45	52	0.0000	0.0301	
22:00	80	0.0698	69.8063	22:00	117	0.0038	3.8091	22:00	N/A	0	0.0000	22:00	52	0.0000	0.0000	
22:15	80	0.0730	73.0436	22:15	117	0.0023	2.3465	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0000	
22:30	80	0.0710	71.0374	22:30	117	0.0024	2.4238	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
22:45	80	0.0749	74.8906	22:45	117	0.0020	2.0396	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
23:00	80	0.0727	72.7075	23:00	117	0.0013	1.2593	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	
23:15	80	0.0754	75.3803	23:15	117	0.0012	1.1642	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	
23:30	80	0.0698	69.7798	23:30	117	0.0015	1.4790	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	
23:45	80	0.0725	72.5112	23:45	117	0.0008	0.7658	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.2	0	0	0	0.45
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)																
10/12/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/12/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/12/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/12/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0714	71.4460	0:00	117	0.0010	0.9980	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0754	75.4351	0:15	117	0.0004	0.4288	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0709	70.9335	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0728	72.8126	0:45	117	0.0000	0.0261	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0717	71.7313	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0668	66.7691	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0691	69.1273	1:30	117	0.0002	0.2041	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0694	69.4232	1:45	117	0.0027	2.6610	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0699	69.9033	2:00	117	0.0001	0.1409	2:00	N/A	4.426E-05	0.0443	2:00	52	0.0000	0.0000	
2:15	80	0.0642	64.1836	2:15	117	0.0000	0.0000	2:15	N/A	0.0004332	0.4332	2:15	52	0.0000	0.0000	
2:30	80	0.0610	60.9922	2:30	117	0.0000	0.0000	2:30	N/A	0.0011301	1.1301	2:30	52	0.0000	0.0000	
2:45	80	0.0633	63.3375	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0605	60.4508	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0602	60.1707	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0614	61.3827	3:30	117	0.0003	0.3143	3:30	N/A	0	0.0000	3:30	52	0.0001	0.1480	
3:45	80	0.0609	60.9496	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0627	62.6673	4:00	117	0.0003	0.3153	4:00	N/A	0	0.0000	4:00	52	0.0001	0.0828	
4:15	80	0.0664	66.3823	4:15	117	0.0006	0.5931	4:15	N/A	0	0.0000	4:15	52	0.0001	0.0698	
4:30	80	0.0671	67.1423	4:30	117	0.0000	0.0131	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0662	66.2040	4:45	117	0.0004	0.3521	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0677	67.6854	5:00	117	0.0004	0.3992	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0666	66.5577	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0662	66.1730	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0695	69.5432	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0696	69.5803	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0696	69.6220	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0721	72.1311	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0729	72.9249	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0722	72.2066	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0710	70.9725	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0729	72.8932	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0740	73.9538	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0750	75.0145	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0748	74.8066	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0771	77.1354	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0754	75.4217	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	

9:00	80	0.0751	75.1177	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0002	0.1504	
9:15	80	0.0720	71.9691	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0019	1.9041	
9:30	80	0.0720	72.0292	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0031	3.0898	
9:45	80	0.0777	77.7072	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0013	1.2942	
10:00	80	0.0794	79.4093	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0000	0.0189	
10:05	80	0.0795	79.4596	10:15	117	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	52	0.0000	0.0000	
10:10	80	0.0800	80.0467	10:30	117	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	52	0.0000	0.0000	* See Field Investigation Below
10:15	80	0.0818	81.8340	10:45	117	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	52	0.0000	0.0000	* See Field Investigation Below
10:20	80	0.0810	81.0057	11:00	117	0.0000	0.0039	11:00	N/A	0	0.0000	11:00	52	0.0006	0.6330	* See Field Investigation Below
10:25	80	0.0801	80.0999	11:15	117	0.0026	2.6344	11:15	N/A	0	0.0000	11:15	52	0.0084	8.3521	* See Field Investigation Below
10:30	80	0.0802	80.2457	11:30	117	0.0057	5.7416	11:30	N/A	0	0.0000	11:30	52	0.0117	11.7012	* See Field Investigation Below
10:35	80	0.0808	80.8469	11:45	117	0.0063	6.2997	11:45	N/A	0	0.0000	11:45	52	0.0117	11.6549	* See Field Investigation Below
10:40	80	0.0819	81.8738	12:00	117	0.0085	8.4665	12:00	N/A	0	0.0000	12:00	52	0.0121	12.0925	* See Field Investigation Below
10:45	80	0.0795	79.4910	12:15	117	0.0072	7.2241	12:15	N/A	0	0.0000	12:15	52	0.0146	14.5734	
10:50	80	0.0784	78.4180	12:30	117	0.0092	9.2256	12:30	N/A	0	0.0000	12:30	52	0.0170	16.9685	
10:55	80	0.0787	78.6524	12:45	117	0.0051	5.0999	12:45	N/A	0	0.0000	12:45	52	0.0087	8.7135	
11:00	80	0.0787	78.6511	13:00	117	0.0058	5.8164	13:00	N/A	0	0.0000	13:00	52	0.0075	7.4576	
11:05	80	0.0784	78.4489	13:15	117	0.0059	5.9398	13:15	N/A	0	0.0000	13:15	52	0.0104	10.4495	
11:10	80	0.0800	79.9545	13:30	117	0.0063	6.3047	13:30	N/A	0	0.0000	13:30	52	0.0099	9.8955	
11:15	80	0.0908	90.7505	13:45	117	0.0088	8.8385	13:45	N/A	0	0.0000	13:45	52	0.0099	9.8737	* See Field Investigation Below
11:20	80	0.0828	82.7835	14:00	117	0.0094	9.3767	14:00	N/A	0	0.0000	14:00	52	0.0095	9.5320	* See Field Investigation Below
11:25	80	0.0903	90.2825	14:15	117	0.0059	5.9452	14:15	N/A	0	0.0000	14:15	52	0.0093	9.3142	* See Field Investigation Below
11:30	80	0.0910	91.0166	14:30	117	0.0063	6.2564	14:30	N/A	0	0.0000	14:30	52	0.0123	12.2799	* See Field Investigation Below
11:35	80	0.0927	92.6770	14:45	117	0.0055	5.4822	14:45	N/A	0	0.0000	14:45	52	0.0139	13.8699	* See Field Investigation Below
11:40	80	0.0921	92.1137	15:00	117	0.0052	5.1811	15:00	N/A	0	0.0000	15:00	52	0.0151	15.1278	* See Field Investigation Below
11:45	80	0.0932	93.2207	15:15	117	0.0057	5.6912	15:15	N/A	0	0.0000	15:15	52	0.0159	15.9015	* See Field Investigation Below
11:50	80	0.0922	92.1963	15:30	117	0.0075	7.5055	15:30	N/A	0	0.0000	15:30	52	0.0167	16.7115	* See Field Investigation Below
11:55	80	0.0934	93.3547	15:45	117	0.0077	7.7175	15:45	N/A	0	0.0000	15:45	52	0.0170	17.0357	* See Field Investigation Below
12:00	80	0.0926	92.5577	16:00	117	0.0073	7.2953	16:00	N/A	0	0.0000	16:00	52	0.0179	17.8653	* See Field Investigation Below
12:05	80	0.0945	94.5063	16:15	117	0.0093	9.2861	16:15	N/A	0	0.0000	16:15	52	0.0186	18.5875	* See Field Investigation Below
12:10	80	0.0935	93.4716	16:30	117	0.0100	10.0373	16:30	N/A	0	0.0000	16:30	52	0.0172	17.1754	* See Field Investigation Below
12:15	80	0.0928	92.7981	16:45	117	0.0034	3.3957	16:45	N/A	0	0.0000	16:45	52	0.0113	11.2649	* See Field Investigation Below
12:20	80	0.0925	92.5287	17:00	117	0.0006	0.6397	17:00	N/A	0	0.0000	17:00	52	0.0079	7.9497	* See Field Investigation Below
12:25	80	0.0922	92.2103	17:15	117	0.0042	4.1805	17:15	N/A	0	0.0000	17:15	52	0.0130	12.9788	* See Field Investigation Below
12:30	80	0.0931	93.0854	17:30	117	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	52	0.0075	7.4511	* See Field Investigation Below
12:35	80	0.0959	95.9082	17:45	117	0.0003	0.2614	17:45	N/A	0	0.0000	17:45	52	0.0071	7.0504	* See Field Investigation Below
12:40	80	0.0949	94.8644	18:00	117	0.0051	5.0980	18:00	N/A	0	0.0000	18:00	52	0.0121	12.0667	* See Field Investigation Below
12:45	80	0.0892	89.2021	18:15	117	0.0000	0.0000	18:15	N/A	0	0.0000	18:15	52	0.0049	4.9205	* See Field Investigation Below
12:50	80	0.0857	85.6850	18:30	117	0.0000	0.0000	18:30	N/A	0	0.0000	18:30	52	0.0043	4.3160	* See Field Investigation Below
12:55	80	0.0922	92.1938	18:45	117	0.0000	0.0000	18:45	N/A	0	0.0000	18:45	52	0.0046	4.6078	* See Field Investigation Below
13:00	80	0.0847	84.7233	19:00	117	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	52	0.0043	4.2820	* See Field Investigation Below
13:05	80	0.0893	89.2691	19:15	117	0.0000	0.0000	19:15	N/A	0	0.0000	19:15	52	0.0035	3.4527	* See Field Investigation Below
13:10	80	0.0928	92.7536	19:30	117	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	52	0.0035	3.5096	* See Field Investigation Below
13:15	80	0.0935	93.4620	19:45	117	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	52	0.0033	3.2839	* See Field Investigation Below
13:20	80	0.0932	93.1978	20:00	117	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	52	0.0032	3.1608	* See Field Investigation Below
13:25	80	0.0928	92.8294	20:15	117	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	52	0.0028	2.7722	* See Field Investigation Below
13:30	80	0.0924	92.4200	20:30	117	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	52	0.0032	3.2064	* See Field Investigation Below
13:35	80	0.0923	92.2836	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	52	0.0030	2.9800	* See Field Investigation Below
13:40	80	0.0922	92.2310	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	52	0.0029	2.8558	* See Field Investigation Below
13:45	80	0.0921	92.1427	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	52	0.0033	3.3434	* See Field Investigation Below
13:50	80	0.0917	91.6582	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	52	0.0032	3.2444	* See Field Investigation Below
13:55	80	0.0918	91.7944	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	52	0.0038	3.8348	* See Field Investigation Below
14:00	80	0.0914	91.3888	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0040	3.9692	* See Field Investigation Below
14:05	80	0.0911	91.0643	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0049	4.9315	* See Field Investigation Below
14:10	80	0.0878	87.8254	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0050	4.9713	* See Field Investigation Below
14:15	80	0.0865	86.5428	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0047	4.7410	* See Field Investigation Below
14:20	80	0.0907	90.6810	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0042	4.2202	* See Field Investigation Below
14:25	80	0.0901	90.1394	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0050	4.9914	* See Field Investigation Below

14:30	80	0.0906	90.5870	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0044	4.4172	* See Field Investigation Below
14:35	80	0.0904	90.3894	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0053	5.2695	* See Field Investigation Below
14:40	80	0.0896	89.604369													* See Field Investigation Below
14:45	80	0.0891	89.057998													* See Field Investigation Below
14:50	80	0.0895	89.499702													* See Field Investigation Below
14:55	80	0.0886	88.584756													* See Field Investigation Below
15:00	80	0.0881	88.07983													* See Field Investigation Below
15:05	80	0.0876	87.578003													* See Field Investigation Below
15:10	80	0.0868	86.84173													* See Field Investigation Below
15:15	80	0.0871	87.103133													* See Field Investigation Below
15:20	80	0.0867	86.651481													* See Field Investigation Below
15:25	80	0.0859	85.869077													* See Field Investigation Below
15:30	80	0.0854	85.404009													* See Field Investigation Below
15:35	80	0.0853	85.318305													* See Field Investigation Below
15:40	80	0.0840	83.964768													* See Field Investigation Below
15:45	80	0.0835	83.497726													* See Field Investigation Below
15:50	80	0.0834	83.352509													* See Field Investigation Below
15:55	80	0.0819	81.891979													* See Field Investigation Below
16:00	80	0.0817	81.652941													* See Field Investigation Below
16:05	80	0.0821	82.137575													* See Field Investigation Below
16:10	80	0.0821	82.143196													* See Field Investigation Below
16:15	80	0.0824	82.399021													* See Field Investigation Below
16:20	80	0.0825	82.458386													* See Field Investigation Below
16:25	80	0.0830	83.038508													* See Field Investigation Below
16:30	80	0.0838	83.756334													* See Field Investigation Below
16:35	80	0.0844	84.385989													* See Field Investigation Below
16:40	80	0.0819	81.87939													* See Field Investigation Below
16:45	80	0.0801	80.086585													* See Field Investigation Below
16:50	80	0.0839	83.921602													* See Field Investigation Below
16:55	80	0.0791	79.118451													
17:00	80	0.0806	80.584245													* See Field Investigation Below
17:05	80	0.0815	81.472852													* See Field Investigation Below
17:10	80	0.0851	85.126084													* See Field Investigation Below
17:15	80	0.0930	93.041081													* See Field Investigation Below
17:20	80	0.0946	94.575889													* See Field Investigation Below
17:25	80	0.0887	88.654812													* See Field Investigation Below
17:30	80	0.0866	86.571008													* See Field Investigation Below
17:35	80	0.0875	87.509071													* See Field Investigation Below
17:40	80	0.0914	91.43074													* See Field Investigation Below
17:45	80	0.0917	91.72781													* See Field Investigation Below
17:50	80	0.0892	89.153312													* See Field Investigation Below
17:55	80	0.0906	90.573243													* See Field Investigation Below
18:00	80	0.0991	99.148171													* See Field Investigation Below
18:05	80	0.0957	95.743743													* See Field Investigation Below
18:10	80	0.0889	88.873169													* See Field Investigation Below
18:15	80	0.0894	89.399135													* See Field Investigation Below
18:20	80	0.0906	90.584275													* See Field Investigation Below
18:25	80	0.0908	90.751552													* See Field Investigation Below
18:30	80	0.0913	91.286248													* See Field Investigation Below
18:35	80	0.0918	91.770193													* See Field Investigation Below
18:40	80	0.0921	92.073476													* See Field Investigation Below
18:45	80	0.0927	92.660723													* See Field Investigation Below
18:50	80	0.0945	94.542802													* See Field Investigation Below
18:55	80	0.0957	95.723552													* See Field Investigation Below
19:00	80	0.0946	94.638212													* See Field Investigation Below
19:05	80	0.0969	96.851863													* See Field Investigation Below
19:10	80	0.0943	94.273734													* See Field Investigation Below
19:15	80	0.0943	94.292396													* See Field Investigation Below

* Field Investigation	Facility Operations examined the 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.
-----------------------	--



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

10/13/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/13/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/13/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/13/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0982	98.2159	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0066	6.5708	* See Field Investigation Below
0:05	80	0.0959	95.8961	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0057	5.6594	* See Field Investigation Below
0:10	80	0.0974	97.4044	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0052	5.2084	* See Field Investigation Below
0:15	80	0.0952	95.2130	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0059	5.8978	* See Field Investigation Below
0:20	80	0.0956	95.5514	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0047	4.6949	* See Field Investigation Below
0:25	80	0.0956	95.6056	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0029	2.8509	* See Field Investigation Below
0:30	80	0.1016	101.6468	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0015	1.4661	* See Field Investigation Below
0:35	80	0.0958	95.7632	1:45	117	0.0000	0.0296	1:45	N/A	0	0.0000	1:45	52	0.0049	4.8615	* See Field Investigation Below
0:40	80	0.0960	96.0438	2:00	117	0.0000	0.0071	2:00	N/A	0	0.0000	2:00	52	0.0023	2.3147	* See Field Investigation Below
0:45	80	0.0962	96.1847	2:15	117	0.0000	0.0236	2:15	N/A	0	0.0000	2:15	52	0.0020	2.0065	* See Field Investigation Below
0:50	80	0.0979	97.8976	2:30	117	0.0002	0.1605	2:30	N/A	0	0.0000	2:30	52	0.0049	4.8867	* See Field Investigation Below
0:55	80	0.0966	96.5662	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0031	3.0507	* See Field Investigation Below
1:00	80	0.1031	103.1315	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0017	1.6912	* See Field Investigation Below
1:05	80	0.0979	97.9444	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0015	1.4654	* See Field Investigation Below
1:10	80	0.0982	98.1765	3:30	117	0.0003	0.2721	3:30	N/A	0	0.0000	3:30	52	0.0068	6.8496	* See Field Investigation Below
1:15	80	0.0951	95.0937	3:45	117	0.0000	0.0095	3:45	N/A	0	0.0000	3:45	52	0.0018	1.7896	* See Field Investigation Below
1:20	80	0.0987	98.6971	4:00	117	0.0002	0.2385	4:00	N/A	0	0.0000	4:00	52	0.0085	8.5276	* See Field Investigation Below
1:25	80	0.0949	94.9468	4:15	117	0.0001	0.0751	4:15	N/A	0	0.0000	4:15	52	0.0014	1.4242	* See Field Investigation Below
1:30	80	0.0950	94.9649	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	* See Field Investigation Below
1:35	80	0.0939	93.9437	4:45	117	0.0001	0.0513	4:45	N/A	0	0.0000	4:45	52	0.0004	0.4056	* See Field Investigation Below
1:40	80	0.0942	94.2255	5:00	117	0.0014	1.3997	5:00	N/A	0	0.0000	5:00	52	0.0082	8.2044	* See Field Investigation Below
1:45	80	0.0966	96.5908	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	* See Field Investigation Below
1:50	80	0.1048	104.7728	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	* See Field Investigation Below
1:55	80	0.0999	99.9489	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	* See Field Investigation Below
2:00	80	0.0930	93.0332	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	* See Field Investigation Below
2:05	80	0.0931	93.0929	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0440	* See Field Investigation Below
2:10	80	0.1011	101.0745	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	* See Field Investigation Below
2:15	80	0.0984	98.3877	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	* See Field Investigation Below
2:20	80	0.0952	95.1809	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	* See Field Investigation Below
2:25	80	0.0964	96.4154	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	* See Field Investigation Below
2:30	80	0.0937	93.7419	7:30	117	0.0000	0.0012	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0084	* See Field Investigation Below
2:35	80	0.0922	92.1574	7:45	117	0.0013	1.3091	7:45	N/A	0	0.0000	7:45	52	0.0063	6.3080	* See Field Investigation Below
2:40	80	0.0978	97.7739	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	* See Field Investigation Below
2:45	80	0.0971	97.0850	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	* See Field Investigation Below
2:50	80	0.0923	92.3112	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	* See Field Investigation Below
2:55	80	0.0928	92.7937	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	* See Field Investigation Below
3:00	80	0.0924	92.3934	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	* See Field Investigation Below
3:05	80	0.0915	91.4878	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0054	5.4464	* See Field Investigation Below
3:10	80	0.0965	96.4687	9:30	117	0.0000	0.0381	9:30	N/A	0	0.0000	9:30	52	0.0067	6.6907	* See Field Investigation Below
3:15	80	0.0961	96.0913	9:45	117	0.0000	0.0132	9:45	N/A	0	0.0000	9:45	52	0.0072	7.1821	* See Field Investigation Below
3:20	80	0.0921	92.1062	10:00	117	0.0002	0.2184	10:00	N/A	0	0.0000	10:00	52	0.0105	10.4990	* See Field Investigation Below
3:25	80	0.0918	91.7922	10:15	117	0.0004	0.3876	10:15	N/A	0	0.0000	10:15	52	0.0105	10.4787	* See Field Investigation Below
3:30	80	0.0972	97.2224	10:30	117	0.0005	0.5018	10:30	N/A	0	0.0000	10:30	52	0.0097	9.7453	* See Field Investigation Below
3:35	80	0.1017	101.6977	10:45	117	0.0026	2.5546	10:45	N/A	0	0.0000	10:45	52	0.0095	9.5455	* See Field Investigation Below
3:40	80	0.1021	102.0630	11:00	117	0.0039	3.9458	11:00	N/A	0	0.0000	11:00	52	0.0106	10.5677	* See Field Investigation Below
3:45	80	0.0924	92.4303	11:15	117	0.0034	3.4187	11:15	N/A	0	0.0000	11:15	52	0.0119	11.9414	* See Field Investigation Below
3:50	80	0.0919	91.9117	11:30	117	0.0039	3.8962	11:30	N/A	0	0.0000	11:30	52	0.0131	13.1436	* See Field Investigation Below

3:55	80	0.0930	93.0063	11:45	117	0.0048	4.7726	11:45	N/A	0	0.0000	11:45	52	0.0153	15.2842	* See Field Investigation Below
4:00	80	0.1009	100.8852	12:00	117	0.0045	4.4564	12:00	N/A	0	0.0000	12:00	52	0.0167	16.7074	* See Field Investigation Below
4:05	80	0.1012	101.1792	12:15	117	0.0071	7.1266	12:15	N/A	0	0.0000	12:15	52	0.0169	16.9204	* See Field Investigation Below
4:10	80	0.1015	101.5409	12:30	117	0.0069	6.9479	12:30	N/A	0	0.0000	12:30	52	0.0165	16.5450	* See Field Investigation Below
4:15	80	0.0965	96.5245	12:45	117	0.0061	6.0716	12:45	N/A	0	0.0000	12:45	52	0.0154	15.4169	* See Field Investigation Below
4:20	80	0.0917	91.7110	13:00	117	0.0063	6.3205	13:00	N/A	0	0.0000	13:00	52	0.0153	15.2548	* See Field Investigation Below
4:25	80	0.0912	91.1576	13:15	117	0.0060	5.9716	13:15	N/A	0	0.0000	13:15	52	0.0152	15.2389	* See Field Investigation Below
4:30	80	0.0905	90.5189	13:30	117	0.0048	4.7503	13:30	N/A	0	0.0000	13:30	52	0.0159	15.9319	* See Field Investigation Below
4:35	80	0.0906	90.6452	13:45	117	0.0049	4.9208	13:45	N/A	0	0.0000	13:45	52	0.0156	15.5885	* See Field Investigation Below
4:40	80	0.0905	90.4917	14:00	117	0.0044	4.3602	14:00	N/A	0	0.0000	14:00	52	0.0164	16.4140	* See Field Investigation Below
4:45	80	0.0905	90.5202	14:15	117	0.0041	4.1061	14:15	N/A	0	0.0000	14:15	52	0.0166	16.6333	* See Field Investigation Below
4:50	80	0.0902	90.1709	14:30	117	0.0012	1.2193	14:30	N/A	0	0.0000	14:30	52	0.0150	15.0323	* See Field Investigation Below
4:55	80	0.0917	91.6700	14:45	117	0.0034	3.4446	14:45	N/A	0	0.0000	14:45	52	0.0185	18.5472	* See Field Investigation Below
5:00	80	0.1012	101.1882	15:00	117	0.0045	4.5003	15:00	N/A	0	0.0000	15:00	52	0.0240	24.0360	* See Field Investigation Below
5:05	80	0.1018	101.8319	15:15	117	0.0042	4.2326	15:15	N/A	0	0.0000	15:15	52	0.0255	25.5345	* See Field Investigation Below
5:10	80	0.0966	96.6408	15:30	117	0.0038	3.7864	15:30	N/A	0	0.0000	15:30	52	0.0263	26.2664	* See Field Investigation Below
5:15	80	0.0916	91.5656	15:45	117	0.0038	3.7767	15:45	N/A	0	0.0000	15:45	52	0.0284	28.3843	* See Field Investigation Below
5:20	80	0.0921	92.0668	16:00	117	0.0040	3.9704	16:00	N/A	0	0.0000	16:00	52	0.0319	31.9254	* See Field Investigation Below
5:25	80	0.0921	92.0861	16:15	117	0.0055	5.5377	16:15	N/A	0	0.0000	16:15	52	0.0374	37.3831	* See Field Investigation Below
5:30	80	0.0915	91.5265	16:30	117	0.0093	9.3186	16:30	N/A	0	0.0000	16:30	52	0.0365	36.4904	* See Field Investigation Below
5:35	80	0.0916	91.5818	16:45	117	0.0074	7.3812	16:45	N/A	0	0.0000	16:45	52	0.0379	37.8985	* See Field Investigation Below
5:40	80	0.0915	91.5310	17:00	117	0.0094	9.3938	17:00	N/A	0	0.0000	17:00	52	0.0420	42.0080	* See Field Investigation Below
5:45	80	0.0906	90.6115	17:15	117	0.0078	7.7736	17:15	N/A	0	0.0000	17:15	52	0.0367	36.6967	* See Field Investigation Below
5:50	80	0.0905	90.5272	17:30	117	0.0072	7.2232	17:30	N/A	0	0.0000	17:30	52	0.0353	35.2960	* See Field Investigation Below
5:55	80	0.0905	90.4647	17:45	117	0.0063	6.2852	17:45	N/A	0	0.0000	17:45	52	0.0340	33.9715	* See Field Investigation Below
6:00	80	0.0902	90.2060	18:00	117	0.0069	6.9393	18:00	N/A	0	0.0000	18:00	52	0.0330	32.9690	* See Field Investigation Below
6:05	80	0.0902	90.1924	18:15	117	0.0065	6.5237	18:15	N/A	0	0.0000	18:15	52	0.0314	31.3718	* See Field Investigation Below
6:10	80	0.0904	90.3690	18:30	117	0.0048	4.7719	18:30	N/A	0	0.0000	18:30	52	0.0292	29.2472	* See Field Investigation Below
6:15	80	0.0905	90.4587	18:45	117	0.0047	4.7276	18:45	N/A	0	0.0000	18:45	52	0.0272	27.2260	* See Field Investigation Below
6:20	80	0.0906	90.6093	19:00	117	0.0051	5.0679	19:00	N/A	0	0.0000	19:00	52	0.0243	24.2811	* See Field Investigation Below
6:25	80	0.0902	90.2460	19:15	117	0.0060	6.0288	19:15	N/A	0	0.0000	19:15	52	0.0216	21.5979	* See Field Investigation Below
6:30	80	0.0898	89.7756	19:30	117	0.0058	5.7639	19:30	N/A	0	0.0000	19:30	52	0.0190	18.9776	* See Field Investigation Below
6:35	80	0.0904	90.3535	19:45	117	0.0063	6.2770	19:45	N/A	0	0.0000	19:45	52	0.0173	17.2575	* See Field Investigation Below
6:40	80	0.0900	89.9622	20:00	117	0.0065	6.4764	20:00	N/A	0	0.0000	20:00	52	0.0152	15.1843	* See Field Investigation Below
6:45	80	0.0900	90.0293	20:15	117	0.0060	6.0100	20:15	N/A	0	0.0000	20:15	52	0.0126	12.5511	* See Field Investigation Below
6:50	80	0.0902	90.2323	20:30	117	0.0063	6.2925	20:30	N/A	0	0.0000	20:30	52	0.0113	11.3010	* See Field Investigation Below
6:55	80	0.0902	90.2213	20:45	117	0.0053	5.2959	20:45	N/A	0	0.0000	20:45	52	0.0106	10.5636	* See Field Investigation Below
7:00	80	0.0902	90.1818	21:00	117	0.0051	5.1324	21:00	N/A	0	0.0000	21:00	52	0.0105	10.5356	* See Field Investigation Below
7:05	80	0.0901	90.0637	21:15	117	0.0045	4.4928	21:15	N/A	0	0.0000	21:15	52	0.0098	9.8391	* See Field Investigation Below
7:10	80	0.0903	90.3099	21:30	117	0.0042	4.1579	21:30	N/A	0	0.0000	21:30	52	0.0095	9.4688	* See Field Investigation Below
7:15	80	0.0901	90.1327	21:45	117	0.0038	3.7533	21:45	N/A	0	0.0000	21:45	52	0.0095	9.4554	* See Field Investigation Below
7:20	80	0.0900	90.0223	22:00	117	0.0014	1.4401	22:00	N/A	0	0.0000	22:00	52	0.0059	5.9456	* See Field Investigation Below
7:25	80	0.0900	90.0117	22:15	117	0.0024	2.4105	22:15	N/A	0	0.0000	22:15	52	0.0085	8.5403	* See Field Investigation Below
7:30	80	0.0898	89.7898	22:30	117	0.0008	0.7764	22:30	N/A	0	0.0000	22:30	52	0.0028	2.8249	* See Field Investigation Below
7:35	80	0.0898	89.8110	22:45	117	0.0009	0.8862	22:45	N/A	0	0.0000	22:45	52	0.0031	3.1349	* See Field Investigation Below
7:40	80	0.0918	91.7726	23:00	117	0.0006	0.5809	23:00	N/A	0	0.0000	23:00	52	0.0026	2.6352	* See Field Investigation Below
7:45	80	0.1012	101.1869	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	* See Field Investigation Below
7:50	80	0.0996	99.5988	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	* See Field Investigation Below
7:55	80	0.0913	91.3073	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	* See Field Investigation Below
8:00	80	0.0912	91.195675													* See Field Investigation Below
8:05	80	0.0900	89.979696													* See Field Investigation Below
8:10	80	0.0904	90.355544													* See Field Investigation Below
8:15	80	0.0893	89.325712													* See Field Investigation Below
8:20	80	0.0898	89.782867													* See Field Investigation Below
8:25	80	0.0901	90.132167													* See Field Investigation Below
8:30	80	0.0906	90.550183													* See Field Investigation Below
8:35	80	0.0908	90.799382													* See Field Investigation Below
8:40	80	0.0909	90.871836													* See Field Investigation Below



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

10/14/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/14/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/14/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/14/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0895	89.5061	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	* See Field Investigation Below
0:05	80	0.0893	89.2764	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	* See Field Investigation Below
0:10	80	0.0891	89.0944	0:30	117	0.0001	0.0784	0:30	N/A	0	0.0000	0:30	52	0.0015	1.5398	* See Field Investigation Below
0:15	80	0.0889	88.8760	0:45	117	0.0001	0.1489	0:45	N/A	0	0.0000	0:45	52	0.0052	5.1685	* See Field Investigation Below
0:20	80	0.0895	89.5110	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0055	5.5195	* See Field Investigation Below
0:25	80	0.0887	88.7240	1:15	117	0.0003	0.2919	1:15	N/A	0	0.0000	1:15	52	0.0062	6.1731	* See Field Investigation Below
0:30	80	0.0891	89.1339	1:30	117	0.0000	0.0008	1:30	N/A	0	0.0000	1:30	52	0.0046	4.6127	* See Field Investigation Below
0:35	80	0.0892	89.1696	1:45	117	0.0005	0.4889	1:45	N/A	0	0.0000	1:45	52	0.0033	3.3133	* See Field Investigation Below
0:40	80	0.0973	97.2690	2:00	117	0.0007	0.7445	2:00	N/A	0	0.0000	2:00	52	0.0030	3.0364	* See Field Investigation Below
0:45	80	0.1007	100.6832	2:15	117	0.0009	0.8522	2:15	N/A	0	0.0000	2:15	52	0.0023	2.3021	* See Field Investigation Below
0:50	80	0.1006	100.6020	2:30	117	0.0008	0.7796	2:30	N/A	0	0.0000	2:30	52	0.0009	0.9046	* See Field Investigation Below
0:55	80	0.0959	95.8529	2:45	117	0.0002	0.2421	2:45	N/A	0	0.0000	2:45	52	0.0002	0.2402	* See Field Investigation Below
1:00	80	0.0964	96.4464	3:00	117	0.0000	0.0046	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0335	* See Field Investigation Below
1:05	80	0.1018	101.7988	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0002	0.2401	* See Field Investigation Below
1:10	80	0.1006	100.5999	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0001	0.0540	* See Field Investigation Below
1:15	80	0.0997	99.7217	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	* See Field Investigation Below
1:20	80	0.0987	98.7093	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	* See Field Investigation Below
1:25	80	0.0971	97.1111	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	* See Field Investigation Below
1:30	80	0.0963	96.3285	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	* See Field Investigation Below
1:35	80	0.0961	96.1328	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	* See Field Investigation Below
1:40	80	0.0947	94.7049	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0001	0.0961	* See Field Investigation Below
1:45	80	0.0929	92.8959	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0002	0.2214	* See Field Investigation Below
1:50	80	0.0900	90.0261	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0001	0.0546	* See Field Investigation Below
1:55	80	0.0894	89.4178	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0006	0.6248	* See Field Investigation Below
2:00	80	0.0900	89.9824	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0224	* See Field Investigation Below
2:05	80	0.0871	87.1172	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	* See Field Investigation Below
2:10	80	0.0862	86.2335	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	* See Field Investigation Below
2:15	80	0.0857	85.6628	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0251	* See Field Investigation Below
2:20	80	0.0822	82.1765	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0100	* See Field Investigation Below
2:25	80	0.0800	80.0193	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	* See Field Investigation Below
2:30	80	0.0781	78.0614	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
2:45	80	0.0748	74.8060	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
3:00	80	0.0746	74.5991	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
3:15	80	0.0755	75.4764	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
3:30	80	0.0739	73.9464	8:30	117	0.0000	0.0250	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
3:45	80	0.0743	74.3102	8:45	117	0.0000	0.0050	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	
4:00	80	0.0736	73.6266	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	
4:15	80	0.0735	73.4592	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0000	0.0000	
4:30	80	0.0731	73.1190	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0000	0.0000	
4:45	80	0.0724	72.3850	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0002	0.1982	
5:00	80	0.0731	73.0776	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0007	0.7456	
5:15	80	0.0734	73.4290	10:15	117	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	52	0.0004	0.4156	
5:30	80	0.0731	73.1355	10:30	117	0.0000	0.0046	10:30	N/A	0	0.0000	10:30	52	0.0000	0.0416	
5:45	80	0.0722	72.2033	10:45	117	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	52	0.0003	0.2542	
6:00	80	0.0720	72.0488	11:00	117	0.0000	0.0088	11:00	N/A	0	0.0000	11:00	52	0.0004	0.3638	
6:15	80	0.0705	70.5195	11:15	117	0.0000	0.0350	11:15	N/A	0	0.0000	11:15	52	0.0002	0.2162	
6:30	80	0.0704	70.3737	11:30	117	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	52	0.0000	0.0000	

6:45	80	0.0700	70.0000	11:45	117	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	52	0.0005	0.4880	
7:00	80	0.0695	69.4574	12:00	117	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	52	0.0001	0.0816	
7:15	80	0.0674	67.3779	12:15	117	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	52	0.0000	0.0000	
7:30	80	0.0673	67.2768	12:30	117	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	52	0.0003	0.2576	
7:45	80	0.0673	67.2910	12:45	117	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	52	0.0000	0.0000	
8:00	80	0.0657	65.6938	13:00	117	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	52	0.0001	0.1147	
8:15	80	0.0643	64.3473	13:15	117	0.0001	0.0837	13:15	N/A	0	0.0000	13:15	52	0.0004	0.3578	
8:30	80	0.0637	63.6800	13:30	117	0.0000	0.0025	13:30	N/A	0	0.0000	13:30	52	0.0003	0.2551	
8:45	80	0.0634	63.4315	13:45	117	0.0002	0.1685	13:45	N/A	0	0.0000	13:45	52	0.0004	0.3740	
9:00	80	0.0649	64.8940	14:00	117	0.0003	0.3095	14:00	N/A	0	0.0000	14:00	52	0.0000	0.0000	
9:15	80	0.0641	64.1303	14:15	117	0.0003	0.2778	14:15	N/A	0	0.0000	14:15	52	0.0000	0.0000	
9:30	80	0.0647	64.7292	14:30	117	0.0009	0.8683	14:30	N/A	0	0.0000	14:30	52	0.0006	0.5540	
9:45	80	0.0698	69.7524	14:45	117	0.0003	0.3117	14:45	N/A	0	0.0000	14:45	52	0.0003	0.3101	
10:00	80	0.0751	75.1085	15:00	117	0.0004	0.3990	15:00	N/A	0	0.0000	15:00	52	0.0001	0.0632	
10:15	80	0.0744	74.3927	15:15	117	0.0013	1.2724	15:15	N/A	0	0.0000	15:15	52	0.0000	0.0000	
10:30	80	0.0747	74.6713	15:30	117	0.0032	3.2022	15:30	N/A	0	0.0000	15:30	52	0.0011	1.0617	
10:45	80	0.0753	75.3040	15:45	117	0.0032	3.1520	15:45	N/A	0	0.0000	15:45	52	0.0003	0.3309	
11:00	80	0.0756	75.5816	16:00	117	0.0029	2.8540	16:00	N/A	0	0.0000	16:00	52	0.0003	0.3087	
11:15	80	0.0696	69.6004	16:15	117	0.0004	0.3596	16:15	N/A	0	0.0000	16:15	52	0.0000	0.0000	
11:30	80	0.0642	64.2457	16:30	117	0.0033	3.2989	16:30	N/A	0	0.0000	16:30	52	0.0000	0.0000	
11:45	80	0.0712	71.1923	16:45	117	0.0034	3.3637	16:45	N/A	0	0.0000	16:45	52	0.0000	0.0000	
12:00	80	0.0669	66.9335	17:00	117	0.0032	3.2072	17:00	N/A	0	0.0000	17:00	52	0.0001	0.0960	
12:15	80	0.0628	62.7836	17:15	117	0.0027	2.6626	17:15	N/A	0	0.0000	17:15	52	0.0000	0.0000	
12:30	80	0.0681	68.1109	17:30	117	0.0044	4.4421	17:30	N/A	0	0.0000	17:30	52	0.0005	0.5327	
12:45	80	0.0621	62.0990	17:45	117	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	52	0.0000	0.0000	
13:00	80	0.0627	62.6517	18:00	117	0.0074	7.3776	18:00	N/A	0	0.0000	18:00	52	0.0018	1.8436	
13:15	80	0.0615	61.4929	18:15	117	0.0108	10.8101	18:15	N/A	0	0.0000	18:15	52	0.0022	2.1539	
13:30	80	0.0578	57.7636	18:30	117	0.0114	11.3850	18:30	N/A	0	0.0000	18:30	52	0.0010	1.0498	
13:45	80	0.0556	55.6187	18:45	117	0.0083	8.3113	18:45	N/A	0	0.0000	18:45	52	0.0010	0.9712	
14:00	80	0.0535	53.5384	19:00	117	0.0042	4.1566	19:00	N/A	0	0.0000	19:00	52	0.0001	0.1371	
14:15	80	0.0527	52.7023	19:15	117	0.0044	4.4004	19:15	N/A	0	0.0000	19:15	52	0.0000	0.0398	
14:30	80	0.0567	56.6838	19:30	117	0.0045	4.4534	19:30	N/A	0	0.0000	19:30	52	0.0000	0.0000	
14:45	80	0.0489	48.9163	19:45	117	0.0035	3.5463	19:45	N/A	0	0.0000	19:45	52	0.0001	0.0946	
15:00	80	0.0499	49.8550	20:00	117	0.0036	3.5697	20:00	N/A	0	0.0000	20:00	52	0.0000	0.0011	
15:15	80	0.0490	49.0084	20:15	117	0.0039	3.9076	20:15	N/A	0	0.0000	20:15	52	0.0002	0.2266	
15:30	80	0.0476	47.5907	20:30	117	0.0034	3.3629	20:30	N/A	0	0.0000	20:30	52	0.0000	0.0026	
15:45	80	0.0479	47.9451	20:45	117	0.0038	3.8134	20:45	N/A	0	0.0000	20:45	52	0.0003	0.2679	
16:00	80	0.0470	47.0448	21:00	117	0.0046	4.5770	21:00	N/A	0	0.0000	21:00	52	0.0008	0.8224	
16:15	80	0.0409	40.8610	21:15	117	0.0037	3.7481	21:15	N/A	0	0.0000	21:15	52	0.0003	0.2832	
16:30	80	0.0460	46.0364	21:30	117	0.0009	0.9063	21:30	N/A	0	0.0000	21:30	52	0.0003	0.3230	
16:45	80	0.0479	47.8894	21:45	117	0.0011	1.0922	21:45	N/A	0	0.0000	21:45	52	0.0004	0.4308	
17:00	80	0.0464	46.4475	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0000	0.0000	
17:15	80	0.0460	45.9583	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0000	
17:30	80	0.0481	48.1064	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
17:45	80	0.0413	41.3428	22:45	117	0.0000	0.0016	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0030	
18:00	80	0.0440	44.0249	23:00	117	0.0005	0.5234	23:00	N/A	0	0.0000	23:00	52	0.0009	0.8744	
18:15	80	0.0434	43.3740	23:15	117	0.0010	0.9825	23:15	N/A	0	0.0000	23:15	52	0.0022	2.1761	
18:30	80	0.0380	37.9796	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	
18:45	80	0.0360	35.9532	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	
19:00	80	0.0309	30.9128													
19:15	80	0.0328	32.7841													
19:30	80	0.0358	35.8353													
19:45	80	0.0369	36.9108													
20:00	80	0.0507	50.6614													
20:15	80	0.0522	52.2005													
20:30	80	0.0490	48.9840													
20:45	80	0.0509	50.8517													
21:00	80	0.0518	51.7882													

21:15	80	0.0521	52.0738
21:30	80	0.0430	42.9927
21:45	80	0.0478	47.8207
22:00	80	0.0426	42.6347
22:15	80	0.0409	40.9231
22:30	80	0.0416	41.5998
22:45	80	0.0429	42.8540
23:00	80	0.0448	44.7580
23:15	80	0.0500	49.9548
23:30	80	0.0426	42.6401
23:45	80	0.0409	40.8870

* 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.
-----------------------	---



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

10/15/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/15/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/15/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/15/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0404	40.3623	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0398	39.7838	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0424	42.3811	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0418	41.7556	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0417	41.7470	1:00	117	0.0000	0.0025	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0017	
1:15	80	0.0465	46.5331	1:15	117	0.0009	0.9323	1:15	N/A	0	0.0000	1:15	52	0.0006	0.5966	
1:30	80	0.0488	48.8119	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0464	46.4080	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0492	49.2007	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0482	48.1670	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0490	49.0050	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0532	53.1840	2:45	117	0.0006	0.6098	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0496	49.6094	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0511	51.1165	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0506	50.6085	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0520	51.9587	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0518	51.7975	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0549	54.8729	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0534	53.3912	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0528	52.8241	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0537	53.7468	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0537	53.7234	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0567	56.7241	5:30	117	0.0002	0.1987	5:30	N/A	0	0.0000	5:30	52	0.0009	0.8916	
5:45	80	0.0583	58.2798	5:45	117	0.0005	0.4519	5:45	N/A	0	0.0000	5:45	52	0.0009	0.8776	
6:00	80	0.0612	61.1810	6:00	117	0.0009	0.8732	6:00	N/A	0	0.0000	6:00	52	0.0023	2.2646	
6:15	80	0.0605	60.5324	6:15	117	0.0008	0.7666	6:15	N/A	0	0.0000	6:15	52	0.0031	3.1366	
6:30	80	0.0616	61.5795	6:30	117	0.0017	1.7212	6:30	N/A	0	0.0000	6:30	52	0.0027	2.7408	
6:45	80	0.0626	62.5598	6:45	117	0.0010	1.0426	6:45	N/A	0	0.0000	6:45	52	0.0023	2.2690	
7:00	80	0.0621	62.0958	7:00	117	0.0001	0.1061	7:00	N/A	0	0.0000	7:00	52	0.0025	2.5232	
7:15	80	0.0610	61.0178	7:15	117	0.0002	0.1856	7:15	N/A	0	0.0000	7:15	52	0.0025	2.5010	
7:30	80	0.0632	63.2399	7:30	117	0.0001	0.0605	7:30	N/A	0	0.0000	7:30	52	0.0030	2.9690	
7:45	80	0.0630	62.9556	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0023	2.3252	
8:00	80	0.0627	62.6915	8:00	117	0.0000	0.0266	8:00	N/A	0	0.0000	8:00	52	0.0023	2.2894	
8:15	80	0.0639	63.9232	8:15	117	0.0004	0.3670	8:15	N/A	0	0.0000	8:15	52	0.0023	2.2858	
8:30	80	0.0638	63.7979	8:30	117	0.0001	0.0721	8:30	N/A	0	0.0000	8:30	52	0.0028	2.7542	
8:45	80	0.0642	64.2301	8:45	117	0.0003	0.3012	8:45	N/A	0	0.0000	8:45	52	0.0023	2.2649	
9:00	80	0.0645	64.4815	9:00	117	0.0000	0.0375	9:00	N/A	0	0.0000	9:00	52	0.0019	1.9483	
9:15	80	0.0643	64.3077	9:15	117	0.0000	0.0395	9:15	N/A	0	0.0000	9:15	52	0.0019	1.8723	
9:30	80	0.0641	64.0965	9:30	117	0.0000	0.0100	9:30	N/A	0	0.0000	9:30	52	0.0018	1.7845	
9:45	80	0.0643	64.3264	9:45	117	0.0000	0.0028	9:45	N/A	0	0.0000	9:45	52	0.0014	1.4138	
10:00	80	0.0631	63.1138	10:00	117	0.0001	0.1327	10:00	N/A	0	0.0000	10:00	52	0.0012	1.2229	
10:15	80	0.0631	63.0788	10:15	117	0.0010	0.9609	10:15	N/A	0	0.0000	10:15	52	0.0015	1.5471	
10:30	80	0.0609	60.9313	10:30	117	0.0007	0.7173	10:30	N/A	0	0.0000	10:30	52	0.0014	1.3648	
10:45	80	0.0587	58.6519	10:45	117	0.0005	0.4681	10:45	N/A	0	0.0000	10:45	52	0.0011	1.0929	
11:00	80	0.0585	58.5077	11:00	117	0.0010	1.0250	11:00	N/A	0	0.0000	11:00	52	0.0009	0.9289	
11:15	80	0.0590	58.9845	11:15	117	0.0012	1.2012	11:15	N/A	0	0.0000	11:15	52	0.0012	1.1770	
11:30	80	0.0581	58.1039	11:30	117	0.0023	2.2539	11:30	N/A	0	0.0000	11:30	52	0.0016	1.5965	

11:45	80	0.0538	53.8222	11:45	117	0.0036	3.6354	11:45	N/A	0	0.0000	11:45	52	0.0019	1.9044	
12:00	80	0.0504	50.3715	12:00	117	0.0025	2.5005	12:00	N/A	0	0.0000	12:00	52	0.0010	0.9828	
12:15	80	0.0504	50.4284	12:15	117	0.0023	2.2664	12:15	N/A	0	0.0000	12:15	52	0.0009	0.9378	
12:30	80	0.0505	50.4585	12:30	117	0.0033	3.3128	12:30	N/A	0	0.0000	12:30	52	0.0017	1.7283	
12:45	80	0.0493	49.2982	12:45	117	0.0036	3.6086	12:45	N/A	0	0.0000	12:45	52	0.0020	2.0025	
13:00	80	0.0547	54.6618	13:00	117	0.0033	3.2741	13:00	N/A	0	0.0000	13:00	52	0.0024	2.3940	
13:15	80	0.0515	51.5269	13:15	117	0.0012	1.2008	13:15	N/A	0	0.0000	13:15	52	0.0003	0.3407	
13:30	80	0.0589	58.9468	13:30	117	0.0029	2.8959	13:30	N/A	0	0.0000	13:30	52	0.0012	1.1659	
13:45	80	0.0477	47.6873	13:45	117	0.0000	0.0000	13:45	N/A	0	0.0000	13:45	52	0.0000	0.0000	
14:00	80	0.0511	51.1374	14:00	117	0.0003	0.2832	14:00	N/A	0	0.0000	14:00	52	0.0000	0.0294	
14:15	80	0.0505	50.4697	14:15	117	0.0006	0.5648	14:15	N/A	0	0.0000	14:15	52	0.0000	0.0325	
14:30	80	0.0498	49.7772	14:30	117	0.0004	0.4290	14:30	N/A	0	0.0000	14:30	52	0.0002	0.2409	
14:45	80	0.0516	51.5859	14:45	117	0.0022	2.2100	14:45	N/A	0	0.0000	14:45	52	0.0010	0.9587	
15:00	80	0.0471	47.0645	15:00	117	0.0020	2.0151	15:00	N/A	0	0.0000	15:00	52	0.0011	1.0781	
15:15	80	0.0404	40.3940	15:15	117	0.0023	2.2770	15:15	N/A	0	0.0000	15:15	52	0.0011	1.0575	
15:30	80	0.0296	29.5623	15:30	117	0.0021	2.0762	15:30	N/A	0	0.0000	15:30	52	0.0007	0.6501	
15:45	80	0.0309	30.9203	15:45	117	0.0035	3.5152	15:45	N/A	0	0.0000	15:45	52	0.0005	0.4845	
16:00	80	0.0374	37.4442	16:00	117	0.0017	1.6859	16:00	N/A	0	0.0000	16:00	52	0.0009	0.9209	
16:15	80	0.0394	39.3867	16:15	117	0.0000	0.0000	16:15	N/A	0	0.0000	16:15	52	0.0000	0.0000	
16:30	80	0.0437	43.7200	16:30	117	0.0000	0.0000	16:30	N/A	0	0.0000	16:30	52	0.0000	0.0000	
16:45	80	0.0479	47.8686	16:45	117	0.0000	0.0000	16:45	N/A	0	0.0000	16:45	52	0.0000	0.0000	
17:00	80	0.0487	48.6961	17:00	117	0.0008	0.8490	17:00	N/A	0	0.0000	17:00	52	0.0004	0.4385	
17:15	80	0.0401	40.1375	17:15	117	0.0000	0.0000	17:15	N/A	0	0.0000	17:15	52	0.0000	0.0000	
17:30	80	0.0405	40.5180	17:30	117	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	52	0.0000	0.0000	
17:45	80	0.0417	41.7139	17:45	117	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	52	0.0000	0.0000	
18:00	80	0.0440	44.0489	18:00	117	0.0011	1.1444	18:00	N/A	0	0.0000	18:00	52	0.0003	0.3234	
18:15	80	0.0507	50.7252	18:15	117	0.0048	4.7960	18:15	N/A	0	0.0000	18:15	52	0.0014	1.4087	
18:30	80	0.0488	48.8392	18:30	117	0.0068	6.7991	18:30	N/A	0	0.0000	18:30	52	0.0030	3.0458	
18:45	80	0.0418	41.7939	18:45	117	0.0054	5.3869	18:45	N/A	0	0.0000	18:45	52	0.0029	2.9080	
19:00	80	0.0404	40.4174	19:00	117	0.0048	4.7760	19:00	N/A	0	0.0000	19:00	52	0.0026	2.5927	
19:15	80	0.0512	51.1783	19:15	117	0.0049	4.8580	19:15	N/A	0	0.0000	19:15	52	0.0035	3.5399	
19:30	80	0.0548	54.8217	19:30	117	0.0060	6.0303	19:30	N/A	0	0.0000	19:30	52	0.0035	3.4645	
19:45	80	0.0551	55.1343	19:45	117	0.0049	4.8940	19:45	N/A	0	0.0000	19:45	52	0.0019	1.8732	
20:00	80	0.0575	57.4717	20:00	117	0.0035	3.4575	20:00	N/A	0	0.0000	20:00	52	0.0019	1.9437	
20:15	80	0.0512	51.2155	20:15	117	0.0023	2.2805	20:15	N/A	0	0.0000	20:15	52	0.0022	2.1658	
20:30	80	0.0513	51.3278	20:30	117	0.0015	1.4981	20:30	N/A	0	0.0000	20:30	52	0.0023	2.3226	
20:45	80	0.0520	51.9599	20:45	117	0.0016	1.5843	20:45	N/A	0	0.0000	20:45	52	0.0027	2.6578	
21:00	80	0.0531	53.1041	21:00	117	0.0021	2.0688	21:00	N/A	0	0.0000	21:00	52	0.0024	2.3631	
21:15	80	0.0531	53.0587	21:15	117	0.0015	1.5310	21:15	N/A	0	0.0000	21:15	52	0.0019	1.8795	
21:30	80	0.0524	52.4387	21:30	117	0.0010	0.9722	21:30	N/A	0	0.0000	21:30	52	0.0015	1.5304	
21:45	80	0.0524	52.3952	21:45	117	0.0003	0.2778	21:45	N/A	0	0.0000	21:45	52	0.0006	0.6095	
22:00	80	0.0532	53.2084	22:00	117	0.0003	0.3253	22:00	N/A	0	0.0000	22:00	52	0.0007	0.6924	
22:15	80	0.0531	53.1449	22:15	117	0.0001	0.0698	22:15	N/A	0	0.0000	22:15	52	0.0002	0.1780	
22:30	80	0.0540	53.9579	22:30	117	0.0003	0.3181	22:30	N/A	0	0.0000	22:30	52	0.0001	0.1170	
22:45	80	0.0557	55.6504	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0012	1.2082	
23:00	80	0.0570	56.9526	23:00	117	0.0002	0.1834	23:00	N/A	0	0.0000	23:00	52	0.0016	1.5856	
23:15	80	0.0587	58.6547	23:15	117	0.0002	0.1907	23:15	N/A	0	0.0000	23:15	52	0.0009	0.9285	
23:30	80	0.0596	59.5602	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0007	0.6563	
23:45	80	0.0598	59.7760	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0001	0.1310	



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

10/16/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/16/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/16/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/16/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0596	59.6379	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0597	59.7207	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0605	60.4510	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0606	60.6286	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0611	61.0868	1:00	117	0.0000	0.0078	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0608	60.8091	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0577	57.6581	1:30	117	0.0000	0.0066	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0002	
1:45	80	0.0534	53.3620	1:45	117	0.0000	0.0088	1:45	N/A	0	0.0000	1:45	52	0.0012	1.2076	
2:00	80	0.0577	57.6704	2:00	117	0.0001	0.1479	2:00	N/A	0	0.0000	2:00	52	0.0002	0.2403	
2:15	80	0.0624	62.3867	2:15	117	0.0001	0.1398	2:15	N/A	0	0.0000	2:15	52	0.0002	0.1649	
2:30	80	0.0635	63.5220	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0002	0.1832	
2:45	80	0.0629	62.9429	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0002	0.1512	
3:00	80	0.0618	61.7785	3:00	117	0.0001	0.0649	3:00	N/A	0	0.0000	3:00	52	0.0001	0.1363	
3:15	80	0.0618	61.7864	3:15	117	0.0006	0.5858	3:15	N/A	0	0.0000	3:15	52	0.0001	0.0679	
3:30	80	0.0632	63.1894	3:30	117	0.0003	0.3095	3:30	N/A	0	0.0000	3:30	52	0.0004	0.4478	
3:45	80	0.0636	63.6210	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0001	0.1451	
4:00	80	0.0643	64.2785	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0640	64.0038	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0642	64.2131	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0637	63.6848	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0637	63.7117	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0001	0.1138	
5:15	80	0.0643	64.2781	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0223	
5:30	80	0.0646	64.5524	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0342	
5:45	80	0.0640	63.9583	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0641	64.1120	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0640	63.9737	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0643	64.3287	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0646	64.6070	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0657	65.7330	7:00	117	0.0000	0.0318	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0654	65.4459	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0661	66.1376	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0666	66.6083	7:45	117	0.0009	0.8513	7:45	N/A	0	0.0000	7:45	52	0.0001	0.0994	
8:00	80	0.0671	67.0983	8:00	117	0.0003	0.3030	8:00	N/A	0	0.0000	8:00	52	0.0002	0.2181	
8:15	80	0.0671	67.1214	8:15	117	0.0001	0.1255	8:15	N/A	0	0.0000	8:15	52	0.0005	0.4670	
8:30	80	0.0669	66.9199	8:30	117	0.0004	0.4323	8:30	N/A	0	0.0000	8:30	52	0.0002	0.1561	
8:45	80	0.0669	66.9468	8:45	117	0.0002	0.1684	8:45	N/A	0	0.0000	8:45	52	0.0003	0.3130	
9:00	80	0.0676	67.6202	9:00	117	0.0002	0.1659	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0271	
9:15	80	0.0675	67.4738	9:15	117	0.0012	1.1911	9:15	N/A	0	0.0000	9:15	52	0.0001	0.1500	
9:30	80	0.0671	67.1406	9:30	117	0.0007	0.6649	9:30	N/A	0	0.0000	9:30	52	0.0002	0.2311	
9:45	80	0.0699	69.8644	9:45	117	0.0006	0.5943	9:45	N/A	0	0.0000	9:45	52	0.0000	0.0225	
10:00	80	0.0708	70.7976	10:00	117	0.0006	0.5879	10:00	N/A	0	0.0000	10:00	52	0.0000	0.0233	
10:15	80	0.0712	71.1824	10:15	117	0.0005	0.4749	10:15	N/A	0	0.0000	10:15	52	0.0001	0.1247	
10:30	80	0.0710	71.0050	10:30	117	0.0009	0.8650	10:30	N/A	0	0.0000	10:30	52	0.0004	0.3567	
10:45	80	0.0704	70.4490	10:45	117	0.0012	1.1540	10:45	N/A	0	0.0000	10:45	52	0.0006	0.5782	
11:00	80	0.0666	66.5585	11:00	117	0.0010	1.0286	11:00	N/A	0	0.0000	11:00	52	0.0005	0.4972	
11:15	80	0.0628	62.8483	11:15	117	0.0007	0.6897	11:15	N/A	0	0.0000	11:15	52	0.0002	0.2350	

11:30	80	0.0616	61.5878	11:30	117	0.0003	0.2630	11:30	N/A	0	0.0000	11:30	52	0.0006	0.5607	
11:45	80	0.0687	68.6755	11:45	117	0.0011	1.1088	11:45	N/A	0	0.0000	11:45	52	0.0012	1.2112	
12:00	80	0.0645	64.5440	12:00	117	0.0006	0.5666	12:00	N/A	0	0.0000	12:00	52	0.0006	0.6446	
12:15	80	0.0594	59.3918	12:15	117	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	52	0.0000	0.0000	
12:30	80	0.0630	62.9609	12:30	117	0.0002	0.2147	12:30	N/A	0	0.0000	12:30	52	0.0006	0.6368	
12:45	80	0.0649	64.9426	12:45	117	0.0004	0.3645	12:45	N/A	0	0.0000	12:45	52	0.0010	1.0292	
13:00	80	0.0552	55.2293	13:00	117	0.0001	0.1108	13:00	N/A	0	0.0000	13:00	52	0.0001	0.1395	
13:15	80	0.0611	61.0586	13:15	117	0.0011	1.0625	13:15	N/A	0	0.0000	13:15	52	0.0010	0.9623	
13:30	80	0.0632	63.2474	13:30	117	0.0005	0.4840	13:30	N/A	0	0.0000	13:30	52	0.0010	0.9640	
13:45	80	0.0620	62.0321	13:45	117	0.0017	1.6550	13:45	N/A	0	0.0000	13:45	52	0.0014	1.3678	
14:00	80	0.0506	50.5939	14:00	117	0.0002	0.1787	14:00	N/A	0	0.0000	14:00	52	0.0000	0.0350	
14:15	80	0.0490	48.9843	14:15	117	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	52	0.0000	0.0000	
14:30	80	0.0505	50.5407	14:30	117	0.0003	0.3143	14:30	N/A	0	0.0000	14:30	52	0.0000	0.0155	
14:45	80	0.0565	56.4821	14:45	117	0.0025	2.4604	14:45	N/A	0	0.0000	14:45	52	0.0010	0.9807	
15:00	80	0.0558	55.8085	15:00	117	0.0017	1.7444	15:00	N/A	0	0.0000	15:00	52	0.0010	0.9512	
15:15	80	0.0609	60.9177	15:15	117	0.0010	0.9756	15:15	N/A	0	0.0000	15:15	52	0.0016	1.6068	
15:30	80	0.0599	59.9068	15:30	117	0.0013	1.2527	15:30	N/A	0	0.0000	15:30	52	0.0007	0.6652	
15:45	80	0.0582	58.2002	15:45	117	0.0021	2.0541	15:45	N/A	0	0.0000	15:45	52	0.0006	0.5985	
16:00	80	0.0634	63.3556	16:00	117	0.0042	4.1873	16:00	N/A	0	0.0000	16:00	52	0.0014	1.4367	
16:15	80	0.0641	64.0542	16:15	117	0.0042	4.2454	16:15	N/A	0	0.0000	16:15	52	0.0025	2.5226	
16:30	80	0.0632	63.1566	16:30	117	0.0057	5.6595	16:30	N/A	0	0.0000	16:30	52	0.0032	3.2118	
16:45	80	0.0622	62.1681	16:45	117	0.0066	6.5679	16:45	N/A	0	0.0000	16:45	52	0.0033	3.3438	
17:00	80	0.0622	62.1726	17:00	117	0.0065	6.5197	17:00	N/A	0	0.0000	17:00	52	0.0026	2.5838	
17:15	80	0.0578	57.7980	17:15	117	0.0036	3.6033	17:15	N/A	0	0.0000	17:15	52	0.0014	1.4254	
17:30	80	0.0515	51.5301	17:30	117	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	52	0.0000	0.0000	
17:45	80	0.0595	59.5214	17:45	117	0.0034	3.4354	17:45	N/A	0	0.0000	17:45	52	0.0014	1.4296	
18:00	80	0.0555	55.5076	18:00	117	0.0009	0.9102	18:00	N/A	0	0.0000	18:00	52	0.0002	0.1502	
18:15	80	0.0607	60.6996	18:15	117	0.0028	2.8358	18:15	N/A	0	0.0000	18:15	52	0.0021	2.0749	
18:30	80	0.0632	63.1539	18:30	117	0.0034	3.3899	18:30	N/A	0	0.0000	18:30	52	0.0030	2.9734	
18:45	80	0.0628	62.8115	18:45	117	0.0028	2.7640	18:45	N/A	0	0.0000	18:45	52	0.0024	2.4361	
19:00	80	0.0635	63.5068	19:00	117	0.0029	2.9292	19:00	N/A	0	0.0000	19:00	52	0.0026	2.5655	
19:15	80	0.0641	64.0651	19:15	117	0.0030	3.0303	19:15	N/A	0	0.0000	19:15	52	0.0030	2.9781	
19:30	80	0.0673	67.3268	19:30	117	0.0022	2.2433	19:30	N/A	0	0.0000	19:30	52	0.0030	2.9732	
19:45	80	0.0691	69.1305	19:45	117	0.0034	3.4219	19:45	N/A	0	0.0000	19:45	52	0.0026	2.5993	
20:00	80	0.0674	67.4184	20:00	117	0.0024	2.4063	20:00	N/A	0	0.0000	20:00	52	0.0028	2.8373	
20:15	80	0.0668	66.8088	20:15	117	0.0024	2.4228	20:15	N/A	0	0.0000	20:15	52	0.0026	2.6010	
20:30	80	0.0686	68.5862	20:30	117	0.0021	2.0953	20:30	N/A	0	0.0000	20:30	52	0.0020	2.0399	
20:45	80	0.0678	67.7789	20:45	117	0.0020	2.0415	20:45	N/A	0	0.0000	20:45	52	0.0041	4.0836	
21:00	80	0.0734	73.3991	21:00	117	0.0019	1.9256	21:00	N/A	0	0.0000	21:00	52	0.0059	5.8980	
21:15	80	0.0711	71.0976	21:15	117	0.0020	2.0171	21:15	N/A	0	0.0000	21:15	52	0.0063	6.2781	
21:30	80	0.0704	70.4273	21:30	117	0.0018	1.8206	21:30	N/A	0	0.0000	21:30	52	0.0059	5.9302	
21:45	80	0.0668	66.8032	21:45	117	0.0016	1.5528	21:45	N/A	0	0.0000	21:45	52	0.0050	4.9907	
22:00	80	0.0665	66.5035	22:00	117	0.0018	1.8002	22:00	N/A	0	0.0000	22:00	52	0.0047	4.6932	
22:15	80	0.0664	66.3789	22:15	117	0.0017	1.7309	22:15	N/A	0	0.0000	22:15	52	0.0035	3.5026	
22:30	80	0.0671	67.1226	22:30	117	0.0013	1.3016	22:30	N/A	0	0.0000	22:30	52	0.0033	3.3437	
22:45	80	0.0671	67.1458	22:45	117	0.0017	1.7369	22:45	N/A	0	0.0000	22:45	52	0.0022	2.2139	
23:00	80	0.0677	67.6649	23:00	117	0.0019	1.8934	23:00	N/A	0	0.0000	23:00	52	0.0018	1.7964	
23:15	80	0.0679	67.9210	23:15	117	0.0019	1.8509	23:15	N/A	0	0.0000	23:15	52	0.0021	2.1300	
23:30	80	0.0693	69.3292	23:30	117	0.0022	2.2114	23:30	N/A	0	0.0000	23:30	52	0.0027	2.7443	
23:45	80	0.0683	68.2923	23:45	117	0.0015	1.5208	23:45	N/A	0	0.0000	23:45	52	0.0026	2.5797	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.23	0	0	0	0.35
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)																
10/17/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/17/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/17/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/17/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0676	67.6371	0:00	117	0.0008	0.8124	0:00	N/A	0	0.0000	0:00	52	0.0020	1.9502	
0:15	80	0.0666	66.6200	0:15	117	0.0016	1.5921	0:15	N/A	0	0.0000	0:15	52	0.0022	2.1713	
0:30	80	0.0674	67.4461	0:30	117	0.0014	1.3632	0:30	N/A	0	0.0000	0:30	52	0.0018	1.7681	
0:45	80	0.0674	67.4154	0:45	117	0.0017	1.6541	0:45	N/A	0	0.0000	0:45	52	0.0018	1.7518	
1:00	80	0.0665	66.4975	1:00	117	0.0015	1.5129	1:00	N/A	0	0.0000	1:00	52	0.0016	1.5805	
1:15	80	0.0680	67.9674	1:15	117	0.0020	1.9994	1:15	N/A	0	0.0000	1:15	52	0.0015	1.5353	
1:30	80	0.0675	67.5444	1:30	117	0.0020	1.9504	1:30	N/A	0	0.0000	1:30	52	0.0014	1.4207	
1:45	80	0.0664	66.4068	1:45	117	0.0010	1.0286	1:45	N/A	0	0.0000	1:45	52	0.0014	1.4298	
2:00	80	0.0663	66.3403	2:00	117	0.0011	1.1069	2:00	N/A	0	0.0000	2:00	52	0.0018	1.8286	
2:15	80	0.0663	66.3188	2:15	117	0.0013	1.3337	2:15	N/A	0	0.0000	2:15	52	0.0025	2.5053	
2:30	80	0.0668	66.7593	2:30	117	0.0014	1.4035	2:30	N/A	0	0.0000	2:30	52	0.0037	3.6510	
2:45	80	0.0672	67.1901	2:45	117	0.0012	1.2103	2:45	N/A	0	0.0000	2:45	52	0.0042	4.2014	
3:00	80	0.0676	67.6374	3:00	117	0.0011	1.0509	3:00	N/A	0	0.0000	3:00	52	0.0036	3.5984	
3:15	80	0.0678	67.8425	3:15	117	0.0009	0.9468	3:15	N/A	0	0.0000	3:15	52	0.0041	4.1155	
3:30	80	0.0693	69.2920	3:30	117	0.0013	1.3387	3:30	N/A	0	0.0000	3:30	52	0.0033	3.3210	
3:45	80	0.0673	67.2816	3:45	117	0.0012	1.1884	3:45	N/A	0	0.0000	3:45	52	0.0029	2.9364	
4:00	80	0.0673	67.3327	4:00	117	0.0014	1.4419	4:00	N/A	0	0.0000	4:00	52	0.0023	2.2833	
4:15	80	0.0690	68.9732	4:15	117	0.0022	2.2027	4:15	N/A	0	0.0000	4:15	52	0.0018	1.8326	
4:30	80	0.0687	68.6763	4:30	117	0.0020	2.0155	4:30	N/A	0	0.0000	4:30	52	0.0018	1.8149	
4:45	80	0.0579	57.9224	4:45	117	0.0002	0.2220	4:45	N/A	0	0.0000	4:45	52	0.0002	0.1764	
5:00	80	0.0574	57.4430	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0581	58.1309	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0572	57.1880	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0579	57.8887	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0576	57.5626	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0573	57.3345	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0571	57.1112	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0563	56.3218	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0582	58.1744	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0570	56.9731	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0553	55.2693	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0568	56.7868	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0574	57.3559	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0589	58.8615	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0599	59.9167	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0582	58.1832	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	

9:00	80	0.0576	57.5599	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	
9:15	80	0.0572	57.1802	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0000	0.0000	
9:30	80	0.0575	57.5099	9:30	117	0.0005	0.5204	9:30	N/A	0	0.0000	9:30	52	0.0013	1.2793	
9:45	80	0.0575	57.4522	9:45	117	0.0010	1.0223	9:45	N/A	0	0.0000	9:45	52	0.0015	1.4680	
10:00	80	0.0551	55.1014	10:00	117	0.0013	1.3479	10:00	N/A	0	0.0000	10:00	52	0.0019	1.8793	
10:15	80	0.0582	58.2338	10:15	117	0.0026	2.5832	10:15	N/A	0	0.0000	10:15	52	0.0047	4.7453	
10:30	80	0.0517	51.7003	10:30	117	0.0013	1.2764	10:30	N/A	0	0.0000	10:30	52	0.0017	1.6695	
10:45	80	0.0580	58.0290	10:45	117	0.0058	5.7940	10:45	N/A	0	0.0000	10:45	52	0.0048	4.8409	
11:00	80	0.0472	47.1993	11:00	117	0.0002	0.1919	11:00	N/A	0	0.0000	11:00	52	0.0001	0.1008	
11:15	80	0.0455	45.4875	11:15	117	0.0005	0.5248	11:15	N/A	0	0.0000	11:15	52	0.0000	0.0000	
11:30	80	0.0444	44.4420	11:30	117	0.0004	0.3629	11:30	N/A	0	0.0000	11:30	52	0.0000	0.0000	
11:45	80	0.0452	45.1755	11:45	117	0.0016	1.5962	11:45	N/A	0	0.0000	11:45	52	0.0000	0.0000	
12:00	80	0.0481	48.1022	12:00	117	0.0045	4.4584	12:00	N/A	0	0.0000	12:00	52	0.0005	0.4575	
12:15	80	0.0461	46.1045	12:15	117	0.0074	7.4495	12:15	N/A	0	0.0000	12:15	52	0.0007	0.7205	
12:30	80	0.0427	42.6762	12:30	117	0.0085	8.4937	12:30	N/A	0	0.0000	12:30	52	0.0006	0.5670	
12:45	80	0.0422	42.2250	12:45	117	0.0075	7.4983	12:45	N/A	0	0.0000	12:45	52	0.0008	0.8036	
13:00	80	0.0414	41.3604	13:00	117	0.0084	8.4350	13:00	N/A	0	0.0000	13:00	52	0.0011	1.1110	
13:15	80	0.0408	40.7985	13:15	117	0.0048	4.8372	13:15	N/A	0	0.0000	13:15	52	0.0003	0.2811	
13:30	80	0.0456	45.6322	13:30	117	0.0120	11.9570	13:30	N/A	0	0.0000	13:30	52	0.0019	1.8838	
13:45	80	0.0398	39.7819	13:45	117	0.0081	8.0593	13:45	N/A	0	0.0000	13:45	52	0.0009	0.9251	
14:00	80	0.0427	42.6940	14:00	117	0.0108	10.7807	14:00	N/A	0	0.0000	14:00	52	0.0017	1.6528	
14:15	80	0.0384	38.3980	14:15	117	0.0103	10.3432	14:15	N/A	0	0.0000	14:15	52	0.0007	0.7284	
14:30	80	0.0389	38.9418	14:30	117	0.0102	10.1624	14:30	N/A	0	0.0000	14:30	52	0.0003	0.3452	
14:45	80	0.0400	39.9775	14:45	117	0.0098	9.8463	14:45	N/A	0	0.0000	14:45	52	0.0009	0.9294	
15:00	80	0.0415	41.5436	15:00	117	0.0108	10.8492	15:00	N/A	0	0.0000	15:00	52	0.0015	1.4785	
15:15	80	0.0402	40.2475	15:15	117	0.0096	9.6145	15:15	N/A	0	0.0000	15:15	52	0.0003	0.2916	
15:30	80	0.0373	37.3060	15:30	117	0.0094	9.3836	15:30	N/A	0	0.0000	15:30	52	0.0000	0.0000	
15:45	80	0.0411	41.1446	15:45	117	0.0120	11.9687	15:45	N/A	0	0.0000	15:45	52	0.0013	1.3306	
16:00	80	0.0402	40.2269	16:00	117	0.0111	11.0558	16:00	N/A	0	0.0000	16:00	52	0.0008	0.7984	
16:15	80	0.0433	43.2960	16:15	117	0.0144	14.4245	16:15	N/A	0	0.0000	16:15	52	0.0018	1.7898	
16:30	80	0.0470	46.9575	16:30	117	0.0165	16.4946	16:30	N/A	0	0.0000	16:30	52	0.0039	3.8571	
16:45	80	0.0457	45.7028	16:45	117	0.0163	16.3475	16:45	N/A	0	0.0000	16:45	52	0.0027	2.7217	
17:00	80	0.0471	47.1347	17:00	117	0.0169	16.9486	17:00	N/A	0	0.0000	17:00	52	0.0042	4.1974	
17:15	80	0.0492	49.2439	17:15	117	0.0175	17.4968	17:15	N/A	0	0.0000	17:15	52	0.0047	4.7176	
17:30	80	0.0497	49.6856	17:30	117	0.0189	18.8843	17:30	N/A	0	0.0000	17:30	52	0.0051	5.0706	
17:45	80	0.0511	51.0652	17:45	117	0.0205	20.5167	17:45	N/A	0	0.0000	17:45	52	0.0055	5.5039	
18:00	80	0.0554	55.4431	18:00	117	0.0232	23.1682	18:00	N/A	0	0.0000	18:00	52	0.0060	6.0406	
18:15	80	0.0632	63.1940	18:15	117	0.0241	24.1305	18:15	N/A	0	0.0000	18:15	52	0.0067	6.6912	
18:30	80	0.0644	64.3637	18:30	117	0.0249	24.9180	18:30	N/A	0	0.0000	18:30	52	0.0089	8.9347	
18:45	80	0.0674	67.4368	18:45	117	0.0210	20.9881	18:45	N/A	0	0.0000	18:45	52	0.0089	8.9282	
19:00	80	0.0658	65.7776	19:00	117	0.0172	17.1815	19:00	N/A	0	0.0000	19:00	52	0.0057	5.7434	
19:15	80	0.0611	61.1387	19:15	117	0.0072	7.1754	19:15	N/A	0	0.0000	19:15	52	0.0000	0.0000	
19:30	80	0.0588	58.7694	19:30	117	0.0044	4.4074	19:30	N/A	0	0.0000	19:30	52	0.0000	0.0000	
19:45	80	0.0586	58.6449	19:45	117	0.0039	3.9186	19:45	N/A	0	0.0000	19:45	52	0.0000	0.0000	
20:00	80	0.0561	56.0584	20:00	117	0.0018	1.8359	20:00	N/A	0	0.0000	20:00	52	0.0000	0.0000	
20:15	80	0.0608	60.7884	20:15	117	0.0011	1.1417	20:15	N/A	0	0.0000	20:15	52	0.0000	0.0000	
20:30	80	0.0603	60.3045	20:30	117	0.0003	0.2903	20:30	N/A	0	0.0000	20:30	52	0.0000	0.0000	
20:45	80	0.0632	63.2001	20:45	117	0.0000	0.0058	20:45	N/A	0	0.0000	20:45	52	0.0000	0.0000	
20:50	80	0.0622	62.2056	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	52	0.0000	0.0000	
20:55	80	0.1093	109.2922	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	52	0.0000	0.0000	* See Field Investigation Below
21:00	80	0.1815	181.4609	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	52	0.0000	0.0000	* See Field Investigation Below
21:05	80	0.1213	121.2722	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	52	0.0000	0.0000	* See Field Investigation Below
21:10	80	0.0612	61.2191	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0000	0.0000	
21:15	80	0.0611	61.1454	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0000	
21:30	80	0.0590	59.0254	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
21:45	80	0.0602	60.1726	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
22:00	80	0.0629	62.9195	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	
22:15	80	0.0611	61.0577	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	

22:30	80	0.0648	64.7986	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	
22:45	80	0.0608	60.7898	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	
23:00	80	0.0590	58.9627													
23:15	80	0.0615	61.5451													
23:30	80	0.0595	59.4896													
23:45	80	0.0617	61.6864													

* 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.
-----------------------	---



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

10/18/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/18/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/18/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/18/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0596	59.5802	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0613	61.2807	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0605	60.5128	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0591	59.0960	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0578	57.7579	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0572	57.1941	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0569	56.9106	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0563	56.2602	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0596	59.5638	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0593	59.3039	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0577	57.7344	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0584	58.3782	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0575	57.4593	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0551	55.1060	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0556	55.6325	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0550	55.0007	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0569	56.9182	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0585	58.5435	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0586	58.5526	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0561	56.1372	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0577	57.6782	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0583	58.3239	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0606	60.6026	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0601	60.1052	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0586	58.6041	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0576	57.6017	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0583	58.3484	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0597	59.6514	6:45	117	0.0015	1.4644	6:45	N/A	0	0.0000	6:45	52	0.0012	1.2116	
7:00	80	0.0569	56.8860	7:00	117	0.0006	0.5567	7:00	N/A	0	0.0000	7:00	52	0.0005	0.4623	
7:15	80	0.0550	54.9699	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0545	54.4558	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0523	52.3383	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0515	51.5282	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0523	52.2716	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0525	52.4699	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0530	52.9682	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	
9:00	80	0.0538	53.7771	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	
9:15	80	0.0607	60.7051	9:15	117	0.0005	0.4985	9:15	N/A	0	0.0000	9:15	52	0.0026	2.5698	
9:30	80	0.0607	60.7218	9:30	117	0.0004	0.3860	9:30	N/A	0	0.0000	9:30	52	0.0027	2.7489	
9:45	80	0.0567	56.6953	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0001	0.0845	
10:00	80	0.0660	66.0143	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0101	10.1223	
10:15	80	0.0675	67.5083	10:15	117	0.0003	0.2759	10:15	N/A	0	0.0000	10:15	52	0.0150	14.9565	
10:30	80	0.0663	66.3420	10:30	117	0.0010	1.0451	10:30	N/A	0	0.0000	10:30	52	0.0177	17.6522	
10:45	80	0.0703	70.2974	10:45	117	0.0017	1.6875	10:45	N/A	0	0.0000	10:45	52	0.0179	17.9299	

11:00	80	0.0737	73.7317	11:00	117	0.0031	3.0684	11:00	N/A	0	0.0000	11:00	52	0.0160	16.0110	
11:15	80	0.0652	65.2226	11:15	117	0.0035	3.5043	11:15	N/A	0	0.0000	11:15	52	0.0136	13.6129	
11:30	80	0.0603	60.2940	11:30	117	0.0029	2.8612	11:30	N/A	0	0.0000	11:30	52	0.0101	10.0813	
11:45	80	0.0520	51.9971	11:45	117	0.0017	1.7238	11:45	N/A	0	0.0000	11:45	52	0.0064	6.3796	
12:00	80	0.0388	38.8081	12:00	117	0.0007	0.7079	12:00	N/A	0	0.0000	12:00	52	0.0004	0.4142	
12:15	80	0.0448	44.7800	12:15	117	0.0045	4.4926	12:15	N/A	0	0.0000	12:15	52	0.0032	3.2307	
12:30	80	0.0333	33.2762	12:30	117	0.0037	3.7292	12:30	N/A	0	0.0000	12:30	52	0.0002	0.1646	
12:45	80	0.0279	27.8740	12:45	117	0.0052	5.1799	12:45	N/A	0	0.0000	12:45	52	0.0006	0.6465	
13:00	80	0.0348	34.7588	13:00	117	0.0047	4.7036	13:00	N/A	0	0.0000	13:00	52	0.0009	0.9187	
13:15	80	0.0353	35.2981	13:15	117	0.0062	6.2426	13:15	N/A	0	0.0000	13:15	52	0.0021	2.0784	
13:30	80	0.0274	27.3808	13:30	117	0.0101	10.0896	13:30	N/A	0	0.0000	13:30	52	0.0050	5.0380	
13:45	80	0.0263	26.2956	13:45	117	0.0117	11.6644	13:45	N/A	0	0.0000	13:45	52	0.0053	5.2772	
14:00	80	0.0223	22.3497	14:00	117	0.0095	9.5497	14:00	N/A	0	0.0000	14:00	52	0.0049	4.8872	
14:15	80	0.0222	22.1787	14:15	117	0.0115	11.5277	14:15	N/A	0	0.0000	14:15	52	0.0088	8.8403	
14:30	80	0.0092	9.2309	14:30	117	0.0087	8.6888	14:30	N/A	0	0.0000	14:30	52	0.0067	6.6595	
14:45	80	0.0002	0.1533	14:45	117	0.0073	7.2781	14:45	N/A	0	0.0000	14:45	52	0.0085	8.4894	
15:00	80	0.0020	1.9628	15:00	117	0.0102	10.1547	15:00	N/A	0	0.0000	15:00	52	0.0115	11.5399	
15:15	80	0.0005	0.4816	15:15	117	0.0045	4.5258	15:15	N/A	0	0.0000	15:15	52	0.0093	9.2543	
15:30	80	0.0000	0.0000	15:30	117	0.0050	5.0234	15:30	N/A	0	0.0000	15:30	52	0.0111	11.0725	
15:45	80	0.0000	0.0000	15:45	117	0.0042	4.2231	15:45	N/A	0	0.0000	15:45	52	0.0126	12.5581	
16:00	80	0.0019	1.8733	16:00	117	0.0034	3.4216	16:00	N/A	0	0.0000	16:00	52	0.0136	13.6332	
16:15	80	0.0075	7.5328	16:15	117	0.0047	4.7391	16:15	N/A	0	0.0000	16:15	52	0.0155	15.5092	
16:30	80	0.0080	8.0481	16:30	117	0.0035	3.5237	16:30	N/A	0	0.0000	16:30	52	0.0151	15.1457	
16:45	80	0.0067	6.7335	16:45	117	0.0048	4.8274	16:45	N/A	0	0.0000	16:45	52	0.0157	15.7160	
17:00	80	0.0068	6.7901	17:00	117	0.0080	7.9778	17:00	N/A	0	0.0000	17:00	52	0.0182	18.2063	
17:15	80	0.0042	4.1748	17:15	117	0.0087	8.6799	17:15	N/A	0	0.0000	17:15	52	0.0186	18.5819	
17:30	80	0.0066	6.5642	17:30	117	0.0135	13.5498	17:30	N/A	0	0.0000	17:30	52	0.0228	22.7712	
17:45	80	0.0055	5.5102	17:45	117	0.0145	14.4803	17:45	N/A	0	0.0000	17:45	52	0.0246	24.5505	
18:00	80	0.0180	18.0210	18:00	117	0.0113	11.3333	18:00	N/A	0	0.0000	18:00	52	0.0224	22.3864	
18:15	80	0.0273	27.3376	18:15	117	0.0095	9.5206	18:15	N/A	0	0.0000	18:15	52	0.0170	17.0457	
18:30	80	0.0362	36.1568	18:30	117	0.0129	12.8667	18:30	N/A	0	0.0000	18:30	52	0.0115	11.5368	
18:45	80	0.0478	47.7631	18:45	117	0.0142	14.1977	18:45	N/A	0	0.0000	18:45	52	0.0073	7.3461	
19:00	80	0.0496	49.5536	19:00	117	0.0107	10.6868	19:00	N/A	0	0.0000	19:00	52	0.0042	4.2077	
19:15	80	0.0485	48.4525	19:15	117	0.0080	7.9699	19:15	N/A	0	0.0000	19:15	52	0.0021	2.0773	
19:30	80	0.0514	51.4310	19:30	117	0.0061	6.1177	19:30	N/A	0	0.0000	19:30	52	0.0009	0.9402	
19:45	80	0.0499	49.9006	19:45	117	0.0037	3.7009	19:45	N/A	0	0.0000	19:45	52	0.0001	0.0966	
20:00	80	0.0536	53.5775	20:00	117	0.0030	2.9908	20:00	N/A	0	0.0000	20:00	52	0.0000	0.0000	
20:15	80	0.0544	54.3863	20:15	117	0.0018	1.8189	20:15	N/A	0	0.0000	20:15	52	0.0001	0.0858	
20:30	80	0.0569	56.8699	20:30	117	0.0010	1.0196	20:30	N/A	0	0.0000	20:30	52	0.0006	0.6337	
20:45	80	0.0544	54.3833	20:45	117	0.0008	0.7830	20:45	N/A	0	0.0000	20:45	52	0.0002	0.2416	
21:00	80	0.0542	54.2095	21:00	117	0.0004	0.4249	21:00	N/A	0	0.0000	21:00	52	0.0002	0.1562	
21:15	80	0.0575	57.5421	21:15	117	0.0004	0.3640	21:15	N/A	0	0.0000	21:15	52	0.0001	0.0841	
21:30	80	0.0549	54.8798	21:30	117	0.0004	0.3521	21:30	N/A	0	0.0000	21:30	52	0.0001	0.0922	
21:45	80	0.0556	55.6286	21:45	117	0.0000	0.0048	21:45	N/A	0	0.0000	21:45	52	0.0001	0.1176	
22:00	80	0.0593	59.3338	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0003	0.2600	
22:15	80	0.0601	60.0605	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0107	
22:30	80	0.0652	65.1536	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
22:45	80	0.0630	62.9804	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0001	0.0714	
23:00	80	0.0632	63.1991	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0006	0.6208	
23:15	80	0.0624	62.4377	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0005	0.5492	
23:30	80	0.0617	61.7496	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0012	1.2396	
23:45	80	0.0613	61.2998	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0016	1.5595	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.27	0	0	0	0.38
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)																
10/19/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/19/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/19/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/19/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0619	61.9322	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0012	1.2086	
0:15	80	0.0610	60.9882	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0007	0.7479	
0:30	80	0.0594	59.3913	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0004	0.3530	
0:45	80	0.0610	60.9877	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0356	
1:00	80	0.0604	60.3706	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0006	0.5650	
1:15	80	0.0577	57.7217	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0007	0.7178	
1:30	80	0.0575	57.4881	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0002	0.1753	
1:45	80	0.0573	57.3464	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0571	57.0905	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0580	58.0371	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0569	56.8875	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0531	53.1484	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0527	52.6763	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0510	51.0371	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0511	51.0942	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0509	50.9185	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0517	51.6910	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0526	52.5974	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0521	52.1439	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0501	50.1305	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0479	47.8811	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0475	47.5271	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0456	45.6111	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0459	45.8962	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0437	43.7090	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0437	43.7119	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0449	44.8904	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0445	44.5355	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0447	44.6888	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0476	47.6288	7:15	117	0.0017	1.6876	7:15	N/A	0	0.0000	7:15	52	0.0004	0.4364	
7:30	80	0.0456	45.6306	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0435	43.4532	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0454	45.4471	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0415	41.4954	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0411	41.1038	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0486	48.5963	8:45	117	0.0004	0.4134	8:45	N/A	0	0.0000	8:45	52	0.0011	1.0640	

9:00	80	0.0466	46.5703	9:00	117	0.0001	0.0609	9:00	N/A	0	0.0000	9:00	52	0.0003	0.3399	
9:15	80	0.0468	46.8483	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0012	1.2345	
9:30	80	0.0557	55.7243	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0045	4.4559	
9:45	80	0.0542	54.2200	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0041	4.0908	
10:00	80	0.0582	58.1951	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0121	12.1314	
10:15	80	0.0518	51.7958	10:15	117	0.0002	0.2102	10:15	N/A	0	0.0000	10:15	52	0.0073	7.2731	
10:30	80	0.0518	51.7797	10:30	117	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	52	0.0042	4.1717	
10:45	80	0.0528	52.7931	10:45	117	0.0002	0.2082	10:45	N/A	0	0.0000	10:45	52	0.0036	3.5730	
11:00	80	0.0600	60.0166	11:00	117	0.0032	3.2373	11:00	N/A	0	0.0000	11:00	52	0.0149	14.9019	
11:15	80	0.0599	59.9016	11:15	117	0.0057	5.6698	11:15	N/A	0	0.0000	11:15	52	0.0137	13.7399	
11:30	80	0.0652	65.2148	11:30	117	0.0065	6.4665	11:30	N/A	0	0.0000	11:30	52	0.0144	14.4226	
11:45	80	0.0640	63.9805	11:45	117	0.0042	4.2246	11:45	N/A	0	0.0000	11:45	52	0.0116	11.6494	
12:00	80	0.0626	62.5568	12:00	117	0.0021	2.1093	12:00	N/A	0	0.0000	12:00	52	0.0088	8.7688	
12:15	80	0.0580	58.0214	12:15	117	0.0009	0.8911	12:15	N/A	0	0.0000	12:15	52	0.0056	5.6143	
12:30	80	0.0584	58.3904	12:30	117	0.0023	2.3412	12:30	N/A	0	0.0000	12:30	52	0.0060	6.0433	
12:45	80	0.0615	61.4589	12:45	117	0.0020	2.0390	12:45	N/A	0	0.0000	12:45	52	0.0070	7.0414	
13:00	80	0.0555	55.5405	13:00	117	0.0062	6.1651	13:00	N/A	0	0.0000	13:00	52	0.0082	8.2395	
13:15	80	0.0468	46.8439	13:15	117	0.0046	4.5677	13:15	N/A	0	0.0000	13:15	52	0.0105	10.4582	
13:30	80	0.0505	50.5386	13:30	117	0.0099	9.9480	13:30	N/A	0	0.0000	13:30	52	0.0155	15.5111	
13:45	80	0.0529	52.8840	13:45	117	0.0115	11.4679	13:45	N/A	0	0.0000	13:45	52	0.0216	21.5847	
14:00	80	0.0453	45.2518	14:00	117	0.0098	9.8165	14:00	N/A	0	0.0000	14:00	52	0.0233	23.3182	
14:15	80	0.0326	32.5630	14:15	117	0.0079	7.8627	14:15	N/A	0	0.0000	14:15	52	0.0237	23.6667	
14:30	80	0.0286	28.5930	14:30	117	0.0086	8.6122	14:30	N/A	0	0.0000	14:30	52	0.0268	26.8217	
14:45	80	0.0210	20.9919	14:45	117	0.0090	9.0173	14:45	N/A	0	0.0000	14:45	52	0.0284	28.3729	
15:00	80	0.0155	15.4590	15:00	117	0.0088	8.8023	15:00	N/A	0	0.0000	15:00	52	0.0288	28.7666	
15:15	80	0.0106	10.6080	15:15	117	0.0091	9.0697	15:15	N/A	0	0.0000	15:15	52	0.0295	29.5165	
15:30	80	0.0042	4.2429	15:30	117	0.0132	13.1568	15:30	N/A	0	0.0000	15:30	52	0.0336	33.6277	
15:45	80	0.0040	3.9777	15:45	117	0.0169	16.8622	15:45	N/A	0	0.0000	15:45	52	0.0376	37.6022	
16:00	80	0.0039	3.9036	16:00	117	0.0187	18.7427	16:00	N/A	0	0.0000	16:00	52	0.0403	40.3429	
16:15	80	0.0000	0.0000	16:15	117	0.0176	17.5565	16:15	N/A	0	0.0000	16:15	52	0.0386	38.5716	
16:30	80	0.0000	0.0000	16:30	117	0.0207	20.7461	16:30	N/A	0	0.0000	16:30	52	0.0380	37.9784	
16:45	80	0.0000	0.0000	16:45	117	0.0244	24.3854	16:45	N/A	0	0.0000	16:45	52	0.0406	40.5611	
17:00	80	0.0000	0.0000	17:00	117	0.0284	28.4213	17:00	N/A	0	0.0000	17:00	52	0.0440	44.0150	
17:15	80	0.0001	0.1190	17:15	117	0.0269	26.8583	17:15	N/A	0	0.0000	17:15	52	0.0445	44.4652	
17:30	80	0.0000	0.0000	17:30	117	0.0273	27.2999	17:30	N/A	0	0.0000	17:30	52	0.0470	46.9965	
17:45	80	0.0159	15.9238	17:45	117	0.0264	26.3955	17:45	N/A	0	0.0000	17:45	52	0.0467	46.6966	
18:00	80	0.0259	25.8747	18:00	117	0.0247	24.7455	18:00	N/A	0	0.0000	18:00	52	0.0453	45.3188	
18:15	80	0.0258	25.7510	18:15	117	0.0205	20.5496	18:15	N/A	0	0.0000	18:15	52	0.0339	33.9416	
18:30	80	0.0314	31.3646	18:30	117	0.0150	14.9766	18:30	N/A	0	0.0000	18:30	52	0.0220	21.9928	
18:45	80	0.0374	37.4165	18:45	117	0.0155	15.5178	18:45	N/A	0	0.0000	18:45	52	0.0154	15.3542	
19:00	80	0.0385	38.4971	19:00	117	0.0141	14.0914	19:00	N/A	0	0.0000	19:00	52	0.0103	10.2579	
19:15	80	0.0543	54.3117	19:15	117	0.0106	10.6082	19:15	N/A	0	0.0000	19:15	52	0.0073	7.3042	
19:30	80	0.0587	58.7255	19:30	117	0.0085	8.5346	19:30	N/A	0	0.0000	19:30	52	0.0048	4.7835	
19:45	80	0.0634	63.4302	19:45	117	0.0067	6.7238	19:45	N/A	0	0.0000	19:45	52	0.0037	3.7377	
20:00	80	0.0691	69.1053	20:00	117	0.0068	6.7522	20:00	N/A	0	0.0000	20:00	52	0.0029	2.9421	
20:15	80	0.0702	70.2416	20:15	117	0.0076	7.5870	20:15	N/A	0	0.0000	20:15	52	0.0025	2.4818	
20:30	80	0.0731	73.0631	20:30	117	0.0065	6.5362	20:30	N/A	0	0.0000	20:30	52	0.0034	3.4317	
20:45	80	0.0793	79.2731	20:45	117	0.0057	5.7089	20:45	N/A	0	0.0000	20:45	52	0.0033	3.3496	
21:00	80	0.0776	77.5699	21:00	117	0.0064	6.4293	21:00	N/A	0	0.0000	21:00	52	0.0036	3.6146	
21:05	80	0.0731	73.0994	21:15	117	0.0061	6.1494	21:15	N/A	0	0.0000	21:15	52	0.0041	4.0768	
21:10	80	0.0856	85.5665	21:30	117	0.0045	4.4530	21:30	N/A	0	0.0000	21:30	52	0.0044	4.3811	* See Field Investigation Below
21:15	80	0.0899	89.8911	21:45	117	0.0035	3.5081	21:45	N/A	0	0.0000	21:45	52	0.0035	3.4583	* See Field Investigation Below
21:20	80	0.0808	80.7746	22:00	117	0.0035	3.4781	22:00	N/A	0	0.0000	22:00	52	0.0029	2.9072	* See Field Investigation Below
21:25	80	0.0805	80.4979	22:15	117	0.0027	2.7250	22:15	N/A	0	0.0000	22:15	52	0.0022	2.1648	* See Field Investigation Below
21:30	80	0.0881	88.0550	22:30	117	0.0032	3.1586	22:30	N/A	0	0.0000	22:30	52	0.0014	1.4313	* See Field Investigation Below
21:35	80	0.0874	87.4095	22:45	117	0.0011	1.0966	22:45	N/A	0	0.0000	22:45	52	0.0005	0.5359	* See Field Investigation Below
21:40	80	0.0886	88.5695	23:00	117	0.0005	0.4583	23:00	N/A	0	0.0000	23:00	52	0.0006	0.5784	* See Field Investigation Below
21:45	80	0.0803	80.3029	23:15	117	0.0008	0.8095	23:15	N/A	0	0.0000	23:15	52	0.0008	0.8440	* See Field Investigation Below

21:50	80	0.0824	82.3679	23:30	117	0.0006	0.5619	23:30	N/A	0	0.0000	23:30	52	0.0014	1.4197	* See Field Investigation Below
21:55	80	0.0809	80.9160	23:45	117	0.0010	0.9700	23:45	N/A	0	0.0000	23:45	52	0.0018	1.8021	* See Field Investigation Below
22:00	80	0.0871	87.1479													* See Field Investigation Below
22:05	80	0.0880	88.0393													* See Field Investigation Below
22:10	80	0.0860	85.9841													* See Field Investigation Below
22:15	80	0.0873	87.2969													* See Field Investigation Below
22:20	80	0.0828	82.8281													* See Field Investigation Below
22:25	80	0.0819	81.9044													* See Field Investigation Below
22:30	80	0.0925	92.4719													* See Field Investigation Below
22:35	80	0.0952	95.1749													* See Field Investigation Below
22:40	80	0.0855	85.4590													* See Field Investigation Below
22:45	80	0.0895	89.5063													* See Field Investigation Below
22:50	80	0.0923	92.3258													* See Field Investigation Below
22:55	80	0.0947	94.7282													* See Field Investigation Below
23:00	80	0.0885	88.5229													* See Field Investigation Below
23:05	80	0.0835	83.5163													* See Field Investigation Below
23:10	80	0.0873	87.2803													* See Field Investigation Below
23:15	80	0.0899	89.9042													* See Field Investigation Below
23:20	80	0.0904	90.4136													* See Field Investigation Below
23:25	80	0.0909	90.8814													* See Field Investigation Below
23:30	80	0.0923	92.3135													* See Field Investigation Below
23:35	80	0.0945	94.4604													* See Field Investigation Below
23:40	80	0.0931	93.1132													* See Field Investigation Below
23:45	80	0.0900	89.9601													* See Field Investigation Below
23:50	80	0.0928	92.8275													* See Field Investigation Below
23:55	80	0.0935	93.5441													* 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.
-----------------------	---



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.19	0	0	0	0.17
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)																
10/20/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/20/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/20/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/20/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0941	94.1074	0:00	117	0.0006	0.6245	0:00	N/A	0	0.0000	0:00	52	0.0021	2.0801	* See Field Investigation Below
0:05	80	0.0979	97.9070	0:15	117	0.0008	0.7912	0:15	N/A	0	0.0000	0:15	52	0.0022	2.1877	* See Field Investigation Below
0:10	80	0.0929	92.9295	0:30	117	0.0008	0.8272	0:30	N/A	0	0.0000	0:30	52	0.0019	1.8551	* See Field Investigation Below
0:15	80	0.0910	91.0147	0:45	117	0.0012	1.2319	0:45	N/A	0	0.0000	0:45	52	0.0022	2.1952	* See Field Investigation Below
0:20	80	0.0909	90.8756	1:00	117	0.0016	1.6103	1:00	N/A	0	0.0000	1:00	52	0.0030	2.9919	* See Field Investigation Below
0:25	80	0.0951	95.1011	1:15	117	0.0003	0.3180	1:15	N/A	0	0.0000	1:15	52	0.0029	2.9281	* See Field Investigation Below
0:30	80	0.0951	95.0841	1:30	117	0.0005	0.4546	1:30	N/A	0	0.0000	1:30	52	0.0023	2.3116	* See Field Investigation Below
0:35	80	0.0920	91.9738	1:45	117	0.0000	0.0062	1:45	N/A	0	0.0000	1:45	52	0.0023	2.2994	* See Field Investigation Below
0:40	80	0.0910	91.0462	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0018	1.7904	* See Field Investigation Below
0:45	80	0.0916	91.5547	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0018	1.7660	* See Field Investigation Below
0:50	80	0.0922	92.2118	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0020	2.0485	* See Field Investigation Below
0:55	80	0.0923	92.3452	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0019	1.9270	* See Field Investigation Below
1:00	80	0.0915	91.4585	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0008	0.7831	* See Field Investigation Below
1:05	80	0.0909	90.8674	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0065	* See Field Investigation Below
1:10	80	0.0964	96.4112	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	* See Field Investigation Below
1:15	80	0.0932	93.2060	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	* See Field Investigation Below
1:20	80	0.0905	90.4665	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	* See Field Investigation Below
1:25	80	0.0900	89.9568	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	* See Field Investigation Below
1:30	80	0.0904	90.4310	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	* See Field Investigation Below
1:35	80	0.0923	92.2687	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0001	0.1186	* See Field Investigation Below
1:40	80	0.0923	92.3352	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0006	0.5967	* See Field Investigation Below
1:45	80	0.0902	90.2486	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	* See Field Investigation Below
1:50	80	0.0904	90.3583	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	* See Field Investigation Below
1:55	80	0.0933	93.3142	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	* See Field Investigation Below
2:00	80	0.0962	96.2359	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	* See Field Investigation Below
2:05	80	0.0930	92.9652	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	* See Field Investigation Below
2:10	80	0.0900	90.0466	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	* See Field Investigation Below
2:15	80	0.0903	90.3056	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	* See Field Investigation Below
2:20	80	0.0925	92.5209	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	* See Field Investigation Below
2:25	80	0.0926	92.5646	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	* See Field Investigation Below
2:30	80	0.0925	92.4928	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	* See Field Investigation Below
2:35	80	0.0940	93.9736	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	* See Field Investigation Below
2:40	80	0.0909	90.9180	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	* See Field Investigation Below
2:45	80	0.0920	91.9921	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	* See Field Investigation Below
2:50	80	0.0905	90.5456	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	* See Field Investigation Below
2:55	80	0.0872	87.2177	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	* See Field Investigation Below

3:00	80	0.0886	88.6188	9:00	117	0.0021	2.0540	9:00	N/A	0	0.0000	9:00	52	0.0036	3.6193	* See Field Investigation Below
3:05	80	0.0885	88.5326	9:15	117	0.0061	6.1222	9:15	N/A	0	0.0000	9:15	52	0.0111	11.0947	* See Field Investigation Below
3:10	80	0.0881	88.1443	9:30	117	0.0005	0.4712	9:30	N/A	0	0.0000	9:30	52	0.0033	3.3320	* See Field Investigation Below
3:15	80	0.0880	87.9996	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0026	2.6179	* See Field Investigation Below
3:20	80	0.0888	88.7989	10:00	117	0.0012	1.2127	10:00	N/A	0	0.0000	10:00	52	0.0073	7.2750	* See Field Investigation Below
3:25	80	0.0902	90.1714	10:15	117	0.0003	0.2917	10:15	N/A	0	0.0000	10:15	52	0.0036	3.6247	* See Field Investigation Below
3:30	80	0.0877	87.6617	10:30	117	0.0015	1.4941	10:30	N/A	0	0.0000	10:30	52	0.0069	6.9064	* See Field Investigation Below
3:35	80	0.0862	86.2472	10:45	117	0.0011	1.1093	10:45	N/A	0	0.0000	10:45	52	0.0052	5.2325	* See Field Investigation Below
3:40	80	0.0867	86.6857	11:00	117	0.0045	4.4832	11:00	N/A	0	0.0000	11:00	52	0.0136	13.6497	* See Field Investigation Below
3:45	80	0.0856	85.6482	11:15	117	0.0013	1.2888	11:15	N/A	0	0.0000	11:15	52	0.0056	5.5662	* See Field Investigation Below
3:50	80	0.0889	88.9373	11:30	117	0.0029	2.8747	11:30	N/A	0	0.0000	11:30	52	0.0165	16.5353	* See Field Investigation Below
3:55	80	0.0912	91.1562	11:45	117	0.0038	3.7561	11:45	N/A	0	0.0000	11:45	52	0.0291	29.0814	* See Field Investigation Below
4:00	80	0.0875	87.5480	12:00	117	0.0130	13.0199	12:00	N/A	0	0.0000	12:00	52	0.0164	16.3851	* See Field Investigation Below
4:05	80	0.0870	87.0033	12:15	117	0.0147	14.6957	12:15	N/A	0	0.0000	12:15	52	0.0175	17.5477	* See Field Investigation Below
4:10	80	0.0862	86.1619	12:30	117	0.0147	14.7443	12:30	N/A	0	0.0000	12:30	52	0.0237	23.6511	* See Field Investigation Below
4:15	80	0.0859	85.9145	12:45	117	0.0150	15.0325	12:45	N/A	0	0.0000	12:45	52	0.0257	25.6718	* See Field Investigation Below
4:20	80	0.0851	85.1237	13:00	117	0.0142	14.2110	13:00	N/A	0	0.0000	13:00	52	0.0271	27.0508	* See Field Investigation Below
4:25	80	0.0829	82.9298	13:15	117	0.0159	15.9300	13:15	N/A	0	0.0000	13:15	52	0.0293	29.3493	* See Field Investigation Below
4:30	80	0.0847	84.6533	13:30	117	0.0158	15.7984	13:30	N/A	0	0.0000	13:30	52	0.0303	30.3233	* See Field Investigation Below
4:35	80	0.0868	86.7715	13:45	117	0.0166	16.6236	13:45	N/A	0	0.0000	13:45	52	0.0311	31.0524	* See Field Investigation Below
4:40	80	0.0835	83.5043	14:00	117	0.0202	20.1590	14:00	N/A	0	0.0000	14:00	52	0.0317	31.7012	* See Field Investigation Below
4:45	80	0.0856	85.5878	14:15	117	0.0185	18.5121	14:15	N/A	0	0.0000	14:15	52	0.0326	32.5606	* See Field Investigation Below
4:50	80	0.0906	90.5721	14:30	117	0.0179	17.9359	14:30	N/A	0	0.0000	14:30	52	0.0329	32.9220	* See Field Investigation Below
4:55	80	0.0867	86.6636	14:45	117	0.0162	16.1670	14:45	N/A	0	0.0000	14:45	52	0.0338	33.8147	* See Field Investigation Below
5:00	80	0.0850	84.9977	15:00	117	0.0148	14.7602	15:00	N/A	0	0.0000	15:00	52	0.0349	34.8894	* See Field Investigation Below
5:05	80	0.0842	84.1533	15:15	117	0.0138	13.8261	15:15	N/A	0	0.0000	15:15	52	0.0355	35.5487	* See Field Investigation Below
5:10	80	0.0812	81.1569	15:30	117	0.0147	14.6803	15:30	N/A	0	0.0000	15:30	52	0.0371	37.0660	* See Field Investigation Below
5:15	80	0.0811	81.1455	15:45	117	0.0165	16.5162	15:45	N/A	0	0.0000	15:45	52	0.0388	38.8137	* See Field Investigation Below
5:20	80	0.0824	82.4208	16:00	117	0.0181	18.1202	16:00	N/A	0	0.0000	16:00	52	0.0405	40.5366	* See Field Investigation Below
5:25	80	0.0839	83.8951	16:15	117	0.0206	20.5740	16:15	N/A	0	0.0000	16:15	52	0.0420	42.0147	* See Field Investigation Below
5:30	80	0.0819	81.9118	16:30	117	0.0222	22.1516	16:30	N/A	0	0.0000	16:30	52	0.0453	45.2998	* See Field Investigation Below
5:35	80	0.0816	81.5609	16:45	117	0.0236	23.5829	16:45	N/A	0	0.0000	16:45	52	0.0462	46.2352	* See Field Investigation Below
5:40	80	0.0817	81.7403	17:00	117	0.0248	24.7520	17:00	N/A	0	0.0000	17:00	52	0.0499	49.9238	* See Field Investigation Below
5:45	80	0.0807	80.7070	17:15	117	0.0269	26.8681	17:15	N/A	0	0.0000	17:05	52	0.0485	48.4915	* See Field Investigation Below
5:50	80	0.0808	80.7866	17:30	117	0.0273	27.3026	17:30	N/A	0	0.0000	17:10	52	0.0500	49.9910	* See Field Investigation Below
5:55	80	0.0831	83.1030	17:45	117	0.0252	25.1723	17:45	N/A	0	0.0000	17:15	52	0.0513	51.2888	* See Field Investigation Below
6:00	80	0.0823	82.2965	18:00	117	0.0201	20.1349	18:00	N/A	0	0.0000	17:20	52	0.0529	52.9287	* See Field Investigation Below
6:05	80	0.0815	81.4660	18:15	117	0.0146	14.5685	18:15	N/A	0	0.0000	17:25	52	0.0541	54.1345	* See Field Investigation Below
6:10	80	0.0808	80.7821	18:30	117	0.0113	11.3226	18:30	N/A	0	0.0000	17:30	52	0.0552	55.1605	* See Field Investigation Below
6:15	80	0.0805	80.5083	18:45	117	0.0108	10.8386	18:45	N/A	0	0.0000	17:35	52	0.0562	56.2214	* See Field Investigation Below
6:20	80	0.0821	82.0879	19:00	117	0.0105	10.4636	19:00	N/A	0	0.0000	17:40	52	0.0570	56.9552	* See Field Investigation Below
6:25	80	0.0817	81.7422	19:15	117	0.0096	9.5562	19:15	N/A	0	0.0000	17:45	52	0.0574	57.4056	* See Field Investigation Below
6:30	80	0.0814	81.4316	19:30	117	0.0066	6.6292	19:30	N/A	0	0.0000	17:50	52	0.0581	58.0859	* See Field Investigation Below
6:35	80	0.0816	81.6064	19:45	117	0.0046	4.5734	19:45	N/A	0	0.0000	17:55	52	0.0592	59.2096	* See Field Investigation Below
6:40	80	0.0800	79.9821	20:00	117	0.0024	2.4371	20:00	N/A	0	0.0000	18:00	52	0.0526	52.5917	* See Field Investigation Below
6:45	80	0.0810	80.9725	20:15	117	0.0020	2.0283	20:15	N/A	0	0.0000	18:05	52	0.0582	58.2161	* See Field Investigation Below
6:50	80	0.0804	80.3746	20:30	117	0.0005	0.4631	20:30	N/A	0	0.0000	18:10	52	0.0499	49.8839	* See Field Investigation Below
6:55	80	0.0791	79.0690	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	18:15	52	0.0448	44.7921	
7:00	80	0.0818	81.7511	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	18:30	52	0.0352	35.1805	* See Field Investigation Below
7:05	80	0.0832	83.2298	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	18:45	52	0.0247	24.6939	* See Field Investigation Below
7:10	80	0.0855	85.4570	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	19:00	52	0.0186	18.5842	* See Field Investigation Below
7:15	80	0.0867	86.6617	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	19:15	52	0.0136	13.5595	* See Field Investigation Below
7:20	80	0.0820	82.0325	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	19:30	52	0.0090	8.9601	* See Field Investigation Below
7:25	80	0.0848	84.7863	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	19:45	52	0.0063	6.3036	* See Field Investigation Below
7:30	80	0.0857	85.6582	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	20:00	52	0.0036	3.5896	* See Field Investigation Below
7:35	80	0.0840	83.9791	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	20:15	52	0.0020	2.0415	* See Field Investigation Below
7:40	80	0.0848	84.8332	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	20:30	52	0.0007	0.6791	* See Field Investigation Below
7:45	80	0.0848	84.8004	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	20:45	52	0.0000	0.0000	* See Field Investigation Below

7:50	80	0.0847	84.6777	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	21:00	52	0.0000	0.0000	* See Field Investigation Below
7:55	80	0.0857	85.6986	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	21:15	52	0.0000	0.0000	* See Field Investigation Below
8:00	80	0.0859	85.8581									21:30	52	0.0000	0	* See Field Investigation Below
8:05	80	0.0845	84.4647									21:45	52	0.0000	0	* See Field Investigation Below
8:10	80	0.0868	86.8220									22:00	52	0.0000	0	* See Field Investigation Below
8:15	80	0.0907	90.7499									22:15	52	0.0000	0	* See Field Investigation Below
8:20	80	0.0902	90.1921									22:30	52	0.0000	0	* See Field Investigation Below
8:25	80	0.0915	91.5036									22:45	52	0.0000	0	* See Field Investigation Below
8:30	80	0.0916	91.6154									23:00	52	0.0000	0	* See Field Investigation Below
8:35	80	0.0910	90.9822									23:15	52	0.0000	0	* See Field Investigation Below
8:40	80	0.0920	92.0438									23:30	52	0.0000	0	* See Field Investigation Below
8:45	80	0.0888	88.8199									23:45	52	0.0000	0	* See Field Investigation Below
8:50	80	0.0890	89.0111													* See Field Investigation Below
8:55	80	0.0889	88.9489													* See Field Investigation Below
9:00	80	0.0891	89.1451													* See Field Investigation Below
9:05	80	0.0951	95.0973													* See Field Investigation Below
9:10	80	0.0912	91.2262													* See Field Investigation Below
9:15	80	0.0982	98.2301													* See Field Investigation Below
9:20	80	0.1003	100.2751													* See Field Investigation Below
9:25	80	0.1008	100.7762													* See Field Investigation Below
9:30	80	0.0941	94.1393													* See Field Investigation Below
9:35	80	0.0919	91.8796													* See Field Investigation Below
9:40	80	0.0931	93.1418													* See Field Investigation Below
9:45	80	0.0957	95.6745													* See Field Investigation Below
9:50	80	0.0944	94.3868													* See Field Investigation Below
9:55	80	0.0924	92.3850													* See Field Investigation Below
10:00	80	0.0921	92.0990													* See Field Investigation Below
10:05	80	0.0971	97.1256													* See Field Investigation Below
10:10	80	0.0968	96.8238													* See Field Investigation Below
10:15	80	0.0904	90.4310													* See Field Investigation Below
10:20	80	0.0902	90.1702													* See Field Investigation Below
10:25	80	0.0958	95.7731													* See Field Investigation Below
10:30	80	0.1004	100.3820													* See Field Investigation Below
10:35	80	0.0948	94.7639													* See Field Investigation Below
10:40	80	0.0958	95.7724													* See Field Investigation Below
10:45	80	0.0971	97.1363													* See Field Investigation Below
10:50	80	0.0910	90.9755													* See Field Investigation Below
10:55	80	0.0990	99.0498													* See Field Investigation Below
11:00	80	0.1020	101.9899													* See Field Investigation Below
11:05	80	0.1026	102.6263													* See Field Investigation Below
11:10	80	0.1023	102.2980													* See Field Investigation Below
11:15	80	0.0964	96.3575													* See Field Investigation Below
11:20	80	0.0911	91.0940													* See Field Investigation Below
11:25	80	0.0968	96.7979													* See Field Investigation Below
11:30	80	0.0940	93.9967													* See Field Investigation Below
11:35	80	0.1014	101.3785													* See Field Investigation Below
11:40	80	0.1001	100.0699													* See Field Investigation Below
11:45	80	0.0933	93.3237													* See Field Investigation Below
11:50	80	0.0941	94.1260													* See Field Investigation Below
11:55	80	0.1008	100.8450													* See Field Investigation Below
12:00	80	0.1042	104.1594													* See Field Investigation Below
12:05	80	0.0996	99.5539													* See Field Investigation Below
12:10	80	0.1002	100.2048													* See Field Investigation Below
12:15	80	0.0994	99.4215													* See Field Investigation Below
12:20	80	0.1003	100.2982													* See Field Investigation Below
12:25	80	0.1052	105.1843													* See Field Investigation Below
12:30	80	0.1040	103.9751													* See Field Investigation Below
12:35	80	0.1047	104.7215													* See Field Investigation Below



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.22	0	0	0	0.24
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)																
10/21/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/21/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/21/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/21/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.1097	109.7230	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	* See Field Investigation Below
0:05	80	0.1065	106.5319	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	* See Field Investigation Below
0:10	80	0.1009	100.9463	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	* See Field Investigation Below
0:15	80	0.1116	111.6132	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	* See Field Investigation Below
0:20	80	0.1134	113.4001	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	* See Field Investigation Below
0:25	80	0.1048	104.7834	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	* See Field Investigation Below
0:30	80	0.1006	100.6024	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	* See Field Investigation Below
0:35	80	0.1033	103.3378	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	* See Field Investigation Below
0:40	80	0.1104	110.3926	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	* See Field Investigation Below
0:45	80	0.1080	107.9785	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	* See Field Investigation Below
0:50	80	0.1002	100.1676	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	* See Field Investigation Below
0:55	80	0.1018	101.8080	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	* See Field Investigation Below
1:00	80	0.1086	108.6413	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	* See Field Investigation Below
1:05	80	0.1056	105.5577	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	* See Field Investigation Below
1:10	80	0.1043	104.2949	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	* See Field Investigation Below
1:15	80	0.1052	105.1637	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	* See Field Investigation Below
1:20	80	0.1027	102.7076	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	* See Field Investigation Below
1:25	80	0.1023	102.3004	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	* See Field Investigation Below
1:30	80	0.1010	100.9738	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	* See Field Investigation Below
1:35	80	0.1011	101.0737	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	* See Field Investigation Below
1:40	80	0.1033	103.2904	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	* See Field Investigation Below
1:45	80	0.1026	102.5971	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	* See Field Investigation Below
1:50	80	0.1019	101.8906	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	* See Field Investigation Below
1:55	80	0.1032	103.1756	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	* See Field Investigation Below
2:00	80	0.1032	103.2161	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	* See Field Investigation Below
2:05	80	0.1037	103.6501	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	* See Field Investigation Below
2:10	80	0.1047	104.6918	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	* See Field Investigation Below
2:15	80	0.1013	101.2622	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	* See Field Investigation Below
2:20	80	0.1025	102.5313	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	* See Field Investigation Below
2:25	80	0.1042	104.1644	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	* See Field Investigation Below
2:30	80	0.1064	106.4048	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	* See Field Investigation Below
2:35	80	0.1117	111.6998	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	* See Field Investigation Below
2:40	80	0.1123	112.2558	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	* See Field Investigation Below
2:45	80	0.1079	107.8594	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	* See Field Investigation Below
2:50	80	0.1046	104.5967	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	* See Field Investigation Below

2:55	80	0.1023	102.2814	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	* See Field Investigation Below
3:00	80	0.1005	100.5202	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	* See Field Investigation Below
3:05	80	0.1012	101.2125	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0000	0.0000	* See Field Investigation Below
3:10	80	0.1035	103.4932	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0000	0.0000	* See Field Investigation Below
3:15	80	0.1031	103.1495	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0004	0.3980	* See Field Investigation Below
3:20	80	0.1042	104.2474	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0025	2.5207	* See Field Investigation Below
3:25	80	0.1060	106.0346	10:15	117	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	52	0.0032	3.1839	* See Field Investigation Below
3:30	80	0.1053	105.2846	10:30	117	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	52	0.0025	2.5449	* See Field Investigation Below
3:35	80	0.1039	103.9115	10:45	117	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	52	0.0034	3.3974	* See Field Investigation Below
3:40	80	0.1041	104.1191	11:00	117	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	52	0.0044	4.3539	* See Field Investigation Below
3:45	80	0.1024	102.4161	11:15	117	0.0002	0.1635	11:15	N/A	0	0.0000	11:15	52	0.0057	5.7145	* See Field Investigation Below
3:50	80	0.1052	105.1857	11:30	117	0.0013	1.3180	11:30	N/A	0	0.0000	11:30	52	0.0098	9.8039	* See Field Investigation Below
3:55	80	0.1055	105.5237	11:45	117	0.0032	3.1573	11:45	N/A	0	0.0000	11:45	52	0.0124	12.3729	* See Field Investigation Below
4:00	80	0.1018	101.8244	12:00	117	0.0036	3.6472	12:00	N/A	0	0.0000	12:00	52	0.0150	14.9914	* See Field Investigation Below
4:05	80	0.1029	102.8745	12:15	117	0.0034	3.3511	12:15	N/A	0	0.0000	12:15	52	0.0154	15.3935	* See Field Investigation Below
4:10	80	0.1047	104.6765	12:30	117	0.0149	14.9066	12:30	N/A	0	0.0000	12:30	52	0.0261	26.1020	* See Field Investigation Below
4:15	80	0.1022	102.2432	12:45	117	0.0189	18.9199	12:45	N/A	0	0.0000	12:45	52	0.0328	32.7521	* See Field Investigation Below
4:20	80	0.1004	100.4104	13:00	117	0.0186	18.5724	13:00	N/A	0	0.0000	13:00	52	0.0076	7.5581	* See Field Investigation Below
4:25	80	0.1011	101.1382	13:15	117	0.0190	18.9684	13:15	N/A	0	0.0000	13:15	52	0.0023	2.3452	* See Field Investigation Below
4:30	80	0.1026	102.6324	13:30	117	0.0179	17.8908	13:30	N/A	0	0.0000	13:20	52	0.0131	13.1404	* See Field Investigation Below
4:35	80	0.1017	101.7390	13:45	117	0.0170	16.9600	13:45	N/A	0	0.0000	13:25	52	0.0317	31.7274	* See Field Investigation Below
4:40	80	0.1025	102.4773	14:00	117	0.0186	18.6235	14:00	N/A	0	0.0000	13:30	52	0.0519	51.8635	* See Field Investigation Below
4:45	80	0.1031	103.1300	14:15	117	0.0203	20.2660	14:15	N/A	0	0.0000	13:35	52	0.0721	72.1120	* See Field Investigation Below
4:50	80	0.1034	103.3809	14:30	117	0.0193	19.3448	14:30	N/A	0	0.0000	13:40	52	0.0919	91.9020	* See Field Investigation Below
4:55	80	0.1038	103.7597	14:45	117	0.0190	18.9832	14:45	N/A	0	0.0000	13:45	52	0.1070	106.9700	* See Field Investigation Below
5:00	80	0.1017	101.6852	15:00	117	0.0185	18.5289	15:00	N/A	0	0.0000	13:50	52	0.1217	121.6964	* See Field Investigation Below
5:05	80	0.0995	99.4979	15:15	117	0.0204	20.3518	15:15	N/A	0	0.0000	13:55	52	0.1398	139.7612	* See Field Investigation Below
5:10	80	0.0998	99.7531	15:30	117	0.0226	22.6202	15:30	N/A	0	0.0000	14:00	52	0.1579	157.9167	* See Field Investigation Below
5:15	80	0.1011	101.1210	15:45	117	0.0245	24.5131	15:45	N/A	0	0.0000	14:05	52	0.1681	168.0508	* See Field Investigation Below
5:20	80	0.1014	101.3542	16:00	117	0.0254	25.3998	16:00	N/A	0	0.0000	14:10	52	0.1814	181.4345	* See Field Investigation Below
5:25	80	0.1003	100.3283	16:15	117	0.0259	25.8749	16:15	N/A	0	0.0000	14:15	52	0.1944	194.4125	* See Field Investigation Below
5:30	80	0.1000	99.9907	16:30	117	0.0269	26.9069	16:30	N/A	0	0.0000	14:20	52	0.2029	202.8927	* See Field Investigation Below
5:35	80	0.1007	100.7186	16:45	117	0.0292	29.1575	16:45	N/A	0	0.0000	14:25	52	0.2093	209.2573	* See Field Investigation Below
5:40	80	0.1025	102.5479	17:00	117	0.0283	28.3483	17:00	N/A	0	0.0000	14:30	52	0.2180	217.9665	* See Field Investigation Below
5:45	80	0.1013	101.3252	17:15	117	0.0294	29.3585	17:15	N/A	0	0.0000	14:35	52	0.2262	226.1758	* See Field Investigation Below
5:50	80	0.1019	101.8836	17:30	117	0.0304	30.3971	17:30	N/A	0	0.0000	14:40	52	0.2342	234.2267	* See Field Investigation Below
5:55	80	0.1014	101.4096	17:45	117	0.0259	25.9426	17:45	N/A	0	0.0000	14:45	52	0.2379	237.8902	* See Field Investigation Below
6:00	80	0.0994	99.3707	18:00	117	0.0205	20.5112	18:00	N/A	0	0.0000	14:50	52	0.2411	241.0846	* See Field Investigation Below
6:05	80	0.0969	96.9327	18:15	117	0.0159	15.9190	18:15	N/A	0	0.0000	14:55	52	0.2443	244.3286	* See Field Investigation Below
6:10	80	0.0989	98.9085	18:30	117	0.0116	11.5678	18:30	N/A	0	0.0000	15:00	52	0.2482	248.1584	* See Field Investigation Below
6:15	80	0.0987	98.6991	18:45	117	0.0064	6.4089	18:45	N/A	0	0.0000	15:05	52	0.2503	250.3457	* See Field Investigation Below
6:20	80	0.0966	96.5774	19:00	117	0.0059	5.8826	19:00	N/A	0	0.0000	15:10	52	0.2559	255.8845	* See Field Investigation Below
6:25	80	0.0968	96.7803	19:15	117	0.0050	5.0388	19:15	N/A	0	0.0000	15:15	52	0.2608	260.8303	* See Field Investigation Below
6:30	80	0.0984	98.3676	19:30	117	0.0035	3.4944	19:30	N/A	0	0.0000	15:20	52	0.2651	265.0960	* See Field Investigation Below
6:35	80	0.0971	97.1207	19:45	117	0.0018	1.7590	19:45	N/A	0	0.0000	15:25	52	0.2686	268.5998	* See Field Investigation Below
6:40	80	0.0990	99.0451	20:00	117	0.0004	0.3698	20:00	N/A	0	0.0000	15:30	52	0.2717	271.6590	* See Field Investigation Below
6:45	80	0.0999	99.9456	20:15	117	0.0000	0.0000	20:15	N/A	0	0.0000	15:35	52	0.2749	274.9037	* See Field Investigation Below
6:50	80	0.1009	100.9335	20:30	117	0.0000	0.0000	20:30	N/A	0	0.0000	15:40	52	0.2772	277.1873	* See Field Investigation Below
6:55	80	0.1020	101.9632	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	15:45	52	0.2789	278.9458	* See Field Investigation Below
7:00	80	0.1001	100.1366	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	15:50	52	0.2785	278.4868	* See Field Investigation Below
7:05	80	0.0979	97.8822	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	15:55	52	0.2786	278.5833	* See Field Investigation Below
7:10	80	0.0969	96.9036	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	16:00	52	0.2790	278.9526	* See Field Investigation Below
7:15	80	0.0975	97.4523	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	16:05	52	0.2775	277.5000	* See Field Investigation Below
7:20	80	0.0974	97.4239	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	16:10	52	0.2754	275.3734	* See Field Investigation Below
7:25	80	0.0987	98.7154	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	16:15	52	0.2745	274.4710	* See Field Investigation Below
7:30	80	0.0990	99.0395	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	16:20	52	0.2747	274.6981	* See Field Investigation Below
7:35	80	0.1001	100.1254	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	16:25	52	0.2721	272.1393	* See Field Investigation Below
7:40	80	0.0975	97.4929	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	16:30	52	0.2694	269.4179	* See Field Investigation Below

7:45	80	0.0971	97.0569	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	16:35	52	0.2679	267.8624	* See Field Investigation Below
7:50	80	0.0990	99.0439	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	16:40	52	0.2670	267.0105	* See Field Investigation Below
7:55	80	0.0999	99.8838	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	16:45	52	0.2657	265.7334	* See Field Investigation Below
8:00	80	0.1011	101.1459									16:50	52	0.2632	263.18785	* See Field Investigation Below
8:05	80	0.1050	104.9726									16:55	52	0.2607	260.72333	* See Field Investigation Below
8:10	80	0.1055	105.5029									17:00	52	0.2586	258.63589	* See Field Investigation Below
8:15	80	0.1017	101.6846									17:05	52	0.2567	256.69085	* See Field Investigation Below
8:20	80	0.0977	97.6901									17:10	52	0.2549	254.91646	* See Field Investigation Below
8:25	80	0.0958	95.7771									17:15	52	0.2542	254.1724	* See Field Investigation Below
8:30	80	0.0970	96.9683									17:20	52	0.2528	252.75831	* See Field Investigation Below
8:35	80	0.0968	96.8090									17:25	52	0.2503	250.33721	* See Field Investigation Below
8:40	80	0.0971	97.0651									17:30	52	0.2491	249.05896	* See Field Investigation Below
8:45	80	0.0976	97.6468									17:35	52	0.2480	247.97818	* See Field Investigation Below
8:50	80	0.0990	98.9556									17:40	52	0.2454	245.40159	* See Field Investigation Below
8:55	80	0.0978	97.8338									17:45	52	0.2433	243.34119	* See Field Investigation Below
9:00	80	0.0988	98.7778									17:50	52	0.2421	242.11579	* See Field Investigation Below
9:05	80	0.0989	98.8802									17:55	52	0.2310	231.04503	* See Field Investigation Below
9:10	80	0.0981	98.0579									18:00	52	0.2356	235.63184	* See Field Investigation Below
9:15	80	0.1011	101.0768									18:05	52	0.2232	223.24148	* See Field Investigation Below
9:20	80	0.1018	101.8220									18:10	52	0.2182	218.1531	* See Field Investigation Below
9:25	80	0.0977	97.6523									18:15	52	0.2127	212.70345	* See Field Investigation Below
9:30	80	0.0972	97.2422									18:20	52	0.2067	206.65478	* See Field Investigation Below
9:35	80	0.0981	98.1488									18:25	52	0.2009	200.88826	* See Field Investigation Below
9:40	80	0.1001	100.1484									18:30	52	0.1960	196.04938	* See Field Investigation Below
9:45	80	0.0985	98.4826									18:35	52	0.1918	191.76656	* See Field Investigation Below
9:50	80	0.1059	105.9321									18:40	52	0.1886	188.57922	* See Field Investigation Below
9:55	80	0.1059	105.9074									18:45	52	0.1845	184.46152	* See Field Investigation Below
10:00	80	0.1056	105.5543									18:50	52	0.1800	180.00333	* See Field Investigation Below
10:05	80	0.1057	105.6835									18:55	52	0.1731	173.10484	* See Field Investigation Below
10:10	80	0.1050	104.9985									19:00	52	0.1658	165.75135	* See Field Investigation Below
10:15	80	0.1058	105.7951									19:05	52	0.1578	157.77328	* See Field Investigation Below
10:20	80	0.1074	107.4323									19:10	52	0.1529	152.90842	* See Field Investigation Below
10:25	80	0.1023	102.2677									19:15	52	0.1484	148.43228	* See Field Investigation Below
10:30	80	0.1050	105.0344									19:20	52	0.1443	144.3136	* See Field Investigation Below
10:35	80	0.1069	106.9089									19:25	52	0.1398	139.80684	* See Field Investigation Below
10:40	80	0.1072	107.1882									19:30	52	0.1343	134.25146	* See Field Investigation Below
10:45	80	0.1067	106.7159									19:35	52	0.1287	128.66006	* See Field Investigation Below
10:50	80	0.1060	106.0468									19:40	52	0.1227	122.74414	* See Field Investigation Below
10:55	80	0.1074	107.4253									19:45	52	0.1169	116.92799	* See Field Investigation Below
11:00	80	0.1065	106.5214									19:50	52	0.1132	113.24831	* See Field Investigation Below
11:05	80	0.1069	106.8803									19:55	52	0.1100	109.99163	* See Field Investigation Below
11:10	80	0.1076	107.6387									20:00	52	0.1075	107.51785	* See Field Investigation Below
11:15	80	0.1101	110.0867									20:05	52	0.1046	104.61352	* See Field Investigation Below
11:20	80	0.1080	107.9672									20:10	52	0.1023	102.31379	* See Field Investigation Below
11:25	80	0.1084	108.3526									20:15	52	0.1000	99.999168	* See Field Investigation Below
11:30	80	0.1095	109.4991									20:20	52	0.0981	98.118984	* See Field Investigation Below
11:35	80	0.1049	104.8718									20:25	52	0.0959	95.899376	* See Field Investigation Below
11:40	80	0.1018	101.8199									20:30	52	0.0930	93.024131	* See Field Investigation Below
11:45	80	0.1021	102.1475									20:35	52	0.0901	90.062339	* See Field Investigation Below
11:50	80	0.1011	101.1450									20:40	52	0.0875	87.520681	* See Field Investigation Below
11:55	80	0.0990	99.0132									20:45	52	0.0861	86.125264	* See Field Investigation Below
12:00	80	0.0979	97.9380									20:50	52	0.0838	83.757113	* See Field Investigation Below
12:05	80	0.0969	96.9058									20:55	52	0.0811	81.085327	* See Field Investigation Below
12:10	80	0.0953	95.3258									21:00	52	0.0784	78.404264	* See Field Investigation Below
12:15	80	0.0939	93.8535									21:05	52	0.0764	76.352429	* See Field Investigation Below
12:20	80	0.0908	90.8011									21:10	52	0.0739	73.864851	* See Field Investigation Below
12:25	80	0.0910	91.0243									21:15	52	0.0716	71.619163	* See Field Investigation Below
12:30	80	0.0902	90.1501									21:20	52	0.0698	69.75137	* See Field Investigation Below



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.28	0	0.73	0	0.39
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)																
10/22/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/22/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/22/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/22/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.1121	112.1063	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0384	38.3635	* See Field Investigation Below
0:05	80	0.1174	117.4417	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0352	35.2409	* See Field Investigation Below
0:10	80	0.1188	118.8366	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0324	32.4444	* See Field Investigation Below
0:15	80	0.1098	109.7717	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0289	28.8563	* See Field Investigation Below
0:20	80	0.1194	119.4003	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0268	26.8342	* See Field Investigation Below
0:25	80	0.1132	113.1588	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0252	25.1916	* See Field Investigation Below
0:30	80	0.1086	108.6483	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0237	23.7472	* See Field Investigation Below
0:35	80	0.1163	116.3087	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0217	21.7464	* See Field Investigation Below
0:40	80	0.1217	121.7420	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0209	20.9111	* See Field Investigation Below
0:45	80	0.1221	122.1443	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0197	19.7052	* See Field Investigation Below
0:50	80	0.1171	117.1391	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0187	18.6878	* See Field Investigation Below
0:55	80	0.1117	111.7223	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0180	17.9670	* See Field Investigation Below
1:00	80	0.1113	111.3476	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0176	17.6402	* See Field Investigation Below
1:05	80	0.1128	112.8191	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0165	16.4635	* See Field Investigation Below
1:10	80	0.1181	118.0522	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0146	14.6402	* See Field Investigation Below
1:15	80	0.1145	114.5455	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0135	13.5462	* See Field Investigation Below
1:20	80	0.1082	108.1603	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0130	13.0486	* See Field Investigation Below
1:25	80	0.1174	117.3930	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0122	12.2107	* See Field Investigation Below
1:30	80	0.1170	117.0413	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0118	11.8311	* See Field Investigation Below
1:35	80	0.1096	109.6424	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0115	11.5135	* See Field Investigation Below
1:40	80	0.1103	110.2905	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0117	11.6629	* See Field Investigation Below
1:45	80	0.1156	115.5635	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0114	11.4470	* See Field Investigation Below
1:50	80	0.1157	115.7462	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0108	10.7975	* See Field Investigation Below
1:55	80	0.1132	113.2113	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0097	9.6822	* See Field Investigation Below
2:00	80	0.1174	117.4259	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0087	8.7339	* See Field Investigation Below
2:05	80	0.1185	118.5068	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0088	8.8344	* See Field Investigation Below
2:10	80	0.1109	110.8525	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0089	8.8779	* See Field Investigation Below
2:15	80	0.1073	107.3018	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0082	8.1528	* See Field Investigation Below
2:20	80	0.1139	113.9045	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0068	6.7563	* See Field Investigation Below
2:25	80	0.1145	114.4612	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0058	5.7984	* See Field Investigation Below
2:30	80	0.1157	115.6821	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0043	4.2881	* See Field Investigation Below
2:35	80	0.1109	110.9038	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0024	2.3763	* See Field Investigation Below
2:40	80	0.1123	112.3396	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0015	1.4520	* See Field Investigation Below
2:45	80	0.1170	116.9873	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0007	0.6664	* See Field Investigation Below
2:50	80	0.1143	114.3134	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0005	0.5496	* See Field Investigation Below

2:55	80	0.1143	114.3213	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0013	1.2633	* See Field Investigation Below
3:00	80	0.1128	112.8175	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0035	3.5114	* See Field Investigation Below
3:05	80	0.1130	112.9672	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0060	5.9931	* See Field Investigation Below
3:10	80	0.1118	111.8478	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0100	9.9750	* See Field Investigation Below
3:15	80	0.1087	108.6660	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0159	15.9500	* See Field Investigation Below
3:20	80	0.1090	109.0064	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0208	20.7574	* See Field Investigation Below
3:25	80	0.1123	112.3030	10:15	117	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	52	0.0286	28.6141	* See Field Investigation Below
3:30	80	0.1143	114.3329	10:30	117	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	52	0.0380	37.9644	* See Field Investigation Below
3:35	80	0.1111	111.1371	10:45	117	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	52	0.0433	43.2821	* See Field Investigation Below
3:40	80	0.1068	106.7929	11:00	117	0.0000	0.0000	11:00	N/A	0	0.0000	10:50	52	0.0458	45.8347	* See Field Investigation Below
3:45	80	0.1119	111.8936	11:15	117	0.0000	0.0000	11:15	N/A	0	0.0000	10:55	52	0.0494	49.4204	* See Field Investigation Below
3:50	80	0.1145	114.4721	11:30	117	0.0000	0.0000	11:30	N/A	0	0.0000	11:00	52	0.0524	52.4450	* See Field Investigation Below
3:55	80	0.1106	110.5645	11:45	117	0.0000	0.0000	11:45	N/A	0	0.0000	11:05	52	0.0547	54.7436	* See Field Investigation Below
4:00	80	0.1069	106.9255	12:00	117	0.0000	0.0000	12:00	N/A	0	0.0000	11:10	52	0.0564	56.4314	* See Field Investigation Below
4:05	80	0.1086	108.5672	12:15	117	0.0000	0.0000	12:15	N/A	0	0.0000	11:15	52	0.0582	58.1599	* See Field Investigation Below
4:10	80	0.1129	112.9079	12:30	117	0.0000	0.0000	12:30	N/A	0	0.0000	11:20	52	0.0599	59.9004	* See Field Investigation Below
4:15	80	0.1159	115.8523	12:45	117	0.0000	0.0000	12:45	N/A	0	0.0000	11:25	52	0.0620	61.9661	* See Field Investigation Below
4:20	80	0.1173	117.3081	13:00	117	0.0000	0.0000	13:00	N/A	0	0.0000	11:30	52	0.0639	63.9180	* See Field Investigation Below
4:25	80	0.1155	115.4796	13:15	117	0.0000	0.0000	13:15	N/A	0	0.0000	11:35	52	0.0657	65.6960	* See Field Investigation Below
4:30	80	0.1081	108.1436	13:30	117	0.0000	0.0000	13:30	N/A	0	0.0000	11:40	52	0.0672	67.2274	* See Field Investigation Below
4:35	80	0.1132	113.1564	13:45	117	0.0000	0.0000	13:45	N/A	0	0.0000	11:45	52	0.0689	68.8939	* See Field Investigation Below
4:40	80	0.1133	113.2619	14:00	117	0.0000	0.0000	14:00	N/A	0	0.0000	11:50	52	0.0714	71.4137	* See Field Investigation Below
4:45	80	0.1121	112.1486	14:15	117	0.0000	0.0000	14:15	N/A	0	0.0000	11:55	52	0.0737	73.6739	* See Field Investigation Below
4:50	80	0.1079	107.8626	14:30	117	0.0000	0.0000	14:30	N/A	0	0.0000	12:00	52	0.0764	76.4419	* See Field Investigation Below
4:55	80	0.1105	110.4667	14:45	117	0.0000	0.0000	14:45	N/A	0	0.0000	12:05	52	0.0793	79.3085	* See Field Investigation Below
5:00	80	0.1094	109.3568	15:00	117	0.0000	0.0000	15:00	N/A	0	0.0000	12:10	52	0.0821	82.0918	* See Field Investigation Below
5:05	80	0.1072	107.1541	15:15	117	0.0000	0.0000	15:15	N/A	0	0.0000	12:15	52	0.0840	83.9999	* See Field Investigation Below
5:10	80	0.1067	106.6543	15:30	117	0.0000	0.0000	15:30	N/A	0.0014606	1.4606	12:20	52	0.0867	86.6725	* See Field Investigation Below
5:15	80	0.1092	109.1624	15:45	117	0.0021	2.0904	15:45	N/A	0.0020758	2.0758	12:25	52	0.0896	89.6209	* See Field Investigation Below
5:20	80	0.1115	111.4636	16:00	117	0.0068	6.8447	16:00	N/A	0.0016996	1.6996	12:30	52	0.0936	93.6153	* See Field Investigation Below
5:25	80	0.1117	111.6819	16:15	117	0.0103	10.2770	16:15	N/A	0.0016396	1.6396	12:35	52	0.0966	96.5678	* See Field Investigation Below
5:30	80	0.1128	112.8088	16:30	117	0.0148	14.7551	16:30	N/A	0.0018048	1.8048	12:40	52	0.0990	99.0248	* See Field Investigation Below
5:35	80	0.1068	106.8462	16:45	117	0.0200	20.0400	16:45	N/A	0.001448	1.4480	12:45	52	0.1009	100.8976	* See Field Investigation Below
5:40	80	0.1032	103.1591	17:00	117	0.0225	22.5043	17:00	N/A	0.0005264	0.5264	12:50	52	0.1026	102.5697	* See Field Investigation Below
5:45	80	0.1043	104.2981	17:15	117	0.0248	24.7698	17:15	N/A	8.215E-05	0.0822	12:55	52	0.1039	103.9266	* See Field Investigation Below
5:50	80	0.1076	107.5813	17:30	117	0.0262	26.2436	17:30	N/A	0	0.0000	13:00	52	0.0319	31.8540	* See Field Investigation Below
5:55	80	0.1120	111.9772	17:45	117	0.0249	24.8774	17:45	N/A	0	0.0000	13:15	52	0.0233	23.3003	* See Field Investigation Below
6:00	80	0.1062	106.1580	18:00	117	0.0178	17.8268	18:00	N/A	0	0.0000	13:30	52	0.0506	50.6497	* See Field Investigation Below
6:05	80	0.1043	104.2997	18:15	117	0.0076	7.6038	18:15	N/A	0	0.0000	13:35	52	0.0598	59.8022	* See Field Investigation Below
6:10	80	0.1056	105.6245	18:30	117	0.0000	0.0000	18:30	N/A	0	0.0000	13:40	52	0.0670	67.0193	* See Field Investigation Below
6:15	80	0.1053	105.2638	18:45	117	0.0000	0.0000	18:45	N/A	0	0.0000	13:45	52	0.0733	73.3420	* See Field Investigation Below
6:20	80	0.1059	105.9154	19:00	117	0.0000	0.0000	19:00	N/A	0	0.0000	13:50	52	0.0837	83.7167	* See Field Investigation Below
6:25	80	0.1040	103.9687	19:15	117	0.0000	0.0000	19:15	N/A	0	0.0000	13:55	52	0.0934	93.4110	* See Field Investigation Below
6:30	80	0.1054	105.4355	19:30	117	0.0000	0.0000	19:30	N/A	0	0.0000	14:00	52	0.0988	98.7544	* See Field Investigation Below
6:35	80	0.1028	102.7971	19:45	117	0.0000	0.0000	19:45	N/A	0	0.0000	14:05	52	0.1015	101.4782	* See Field Investigation Below
6:40	80	0.1023	102.2611	20:00	117	0.0000	0.0000	20:00	N/A	0	0.0000	14:10	52	0.1042	104.1968	* See Field Investigation Below
6:45	80	0.1001	100.0688	20:15	117	0.0000	0.0000	20:15	N/A	0	0.0000	14:15	52	0.1073	107.3062	* See Field Investigation Below
6:50	80	0.1021	102.1008	20:30	117	0.0000	0.0000	20:30	N/A	0	0.0000	14:20	52	0.1098	109.7987	* See Field Investigation Below
6:55	80	0.1068	106.7510	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	14:25	52	0.1126	112.6063	* See Field Investigation Below
7:00	80	0.1022	102.2146	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	14:30	52	0.1190	118.9706	* See Field Investigation Below
7:05	80	0.1017	101.7407	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	14:35	52	0.1227	122.7148	* See Field Investigation Below
7:10	80	0.1016	101.6487	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	14:40	52	0.1233	123.3498	* See Field Investigation Below
7:15	80	0.1020	101.9752	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	14:45	52	0.1289	128.8794	* See Field Investigation Below
7:20	80	0.1018	101.7590	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	14:50	52	0.1293	129.2912	* See Field Investigation Below
7:25	80	0.1033	103.3307	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	14:55	52	0.1341	134.1267	* See Field Investigation Below
7:30	80	0.1066	106.6043	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	15:00	52	0.1335	133.4899	* See Field Investigation Below
7:35	80	0.1027	102.6689	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	15:05	52	0.1351	135.0913	* See Field Investigation Below
7:40	80	0.1080	107.9910	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	15:10	52	0.1362	136.2393	* See Field Investigation Below

7:45	80	0.1090	109.0373	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	15:15	52	0.1375	137.4627	* See Field Investigation Below
7:50	80	0.1095	109.4644	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	15:20	52	0.1383	138.3017	* See Field Investigation Below
7:55	80	0.1102	110.2245	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	15:25	52	0.1389	138.9121	* See Field Investigation Below
8:00	80	0.1071	107.0965									15:30	52	0.1377	137.72516	* See Field Investigation Below
8:05	80	0.1027	102.6591									15:35	52	0.1379	137.94846	* See Field Investigation Below
8:10	80	0.1042	104.1628									15:40	52	0.1383	138.30028	* See Field Investigation Below
8:15	80	0.1069	106.8603									15:45	52	0.1384	138.40041	* See Field Investigation Below
8:20	80	0.1030	103.0214									15:50	52	0.1388	138.77797	* See Field Investigation Below
8:25	80	0.1019	101.8706									15:55	52	0.1390	138.95746	* See Field Investigation Below
8:30	80	0.1026	102.6104									16:00	52	0.1386	138.64475	* See Field Investigation Below
8:35	80	0.1055	105.5198									16:05	52	0.1398	139.80921	* See Field Investigation Below
8:40	80	0.1052	105.2400									16:10	52	0.1395	139.50834	* See Field Investigation Below
8:45	80	0.1055	105.5366									16:15	52	0.1387	138.72169	* See Field Investigation Below
8:50	80	0.1025	102.5459									16:20	52	0.1375	137.52891	* See Field Investigation Below
8:55	80	0.1015	101.4839									16:25	52	0.1345	134.4791	* See Field Investigation Below
9:00	80	0.1018	101.8267									16:30	52	0.1334	133.357	* See Field Investigation Below
9:05	80	0.1012	101.2394									16:35	52	0.1337	133.72413	* See Field Investigation Below
9:10	80	0.1012	101.1630									16:40	52	0.1323	132.28925	* See Field Investigation Below
9:15	80	0.1020	101.9996									16:45	52	0.1307	130.67437	* See Field Investigation Below
9:20	80	0.1012	101.1908									16:50	52	0.1292	129.21901	* See Field Investigation Below
9:25	80	0.1012	101.1894									16:55	52	0.1278	127.77451	* See Field Investigation Below
9:30	80	0.1018	101.7787									17:00	52	0.1262	126.2092	* See Field Investigation Below
9:35	80	0.1011	101.0606									17:05	52	0.1248	124.83248	* See Field Investigation Below
9:40	80	0.1012	101.1601									17:10	52	0.1239	123.87827	* See Field Investigation Below
9:45	80	0.1017	101.7461									17:15	52	0.1228	122.76904	* See Field Investigation Below
9:50	80	0.1031	103.1330									17:20	52	0.1229	122.86997	* See Field Investigation Below
9:55	80	0.1023	102.2968									17:25	52	0.1221	122.13507	* See Field Investigation Below
10:00	80	0.1027	102.6777									17:30	52	0.1202	120.23876	* See Field Investigation Below
10:05	80	0.1030	102.9943									17:35	52	0.1195	119.49923	* See Field Investigation Below
10:10	80	0.1038	103.8468									17:40	52	0.1175	117.54306	* See Field Investigation Below
10:15	80	0.0714	71.4367									17:45	52	0.1146	114.55022	* See Field Investigation Below
10:30	80	0.0408	40.8006									17:50	52	0.1131	113.10181	* See Field Investigation Below
10:45	80	0.0463	46.3468									17:55	52	0.1123	112.28313	* See Field Investigation Below
11:00	80	0.0424	42.3776									18:00	52	0.1102	110.18742	* See Field Investigation Below
11:15	80	0.0391	39.0695									18:05	52	0.1087	108.68065	* See Field Investigation Below
11:30	80	0.0360	36.0481									18:10	52	0.1065	106.45549	* See Field Investigation Below
11:45	80	0.0351	35.0822									18:15	52	0.1052	105.18225	* See Field Investigation Below
12:00	80	0.0366	36.5536									18:20	52	0.1030	103.03314	* See Field Investigation Below
12:15	80	0.0349	34.9482									18:25	52	0.0995	99.471785	* See Field Investigation Below
12:30	80	0.0324	32.4271									18:30	52	0.0963	96.309638	* See Field Investigation Below
12:45	80	0.0301	30.0864									18:35	52	0.0920	91.99181	* See Field Investigation Below
13:00	80	0.0264	26.4447									18:40	52	0.0874	87.416528	* See Field Investigation Below
13:15	80	0.0206	20.5706									18:45	52	0.0829	82.904274	* See Field Investigation Below
13:30	80	0.0165	16.4510									18:50	52	0.0793	79.33645	* See Field Investigation Below
13:45	80	0.0146	14.5525									18:55	52	0.0747	74.66565	* See Field Investigation Below
14:00	80	0.0101	10.0963									19:00	52	0.0700	69.967872	* See Field Investigation Below
14:15	80	0.0035	3.5087									19:05	52	0.0661	66.14318	* See Field Investigation Below
14:30	80	0.0026	2.5823									19:10	52	0.0629	62.914174	* See Field Investigation Below
14:45	80	0.0008	0.7938									19:15	52	0.0600	60.003444	* See Field Investigation Below
15:00	80	0.0000	0.0000									19:20	52	0.0576	57.554235	* See Field Investigation Below
15:15	80	0.0000	0.0000									19:25	52	0.0552	55.196523	* See Field Investigation Below
15:30	80	0.0000	0.0000									19:30	52	0.0527	52.684814	* See Field Investigation Below
15:45	80	0.0000	0.0000									19:35	52	0.0506	50.565381	
16:00	80	0.0000	0.0000									19:40	52	0.0473	47.280332	
16:15	80	0.0000	0.0000									19:45	52	0.0421	42.118038	
16:30	80	0.0000	0.0000									20:00	52	0.0352	35.179801	
16:45	80	0.0000	0.0000									20:15	52	0.0277	27.651682	
17:00	80	0.0000	0.0000									20:30	52	0.0218	21.790532	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.18	0	0	0	0.16
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)																
10/23/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/23/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/23/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/23/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0000	0.0000	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0000	0.0000	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0000	0.0000	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0172	17.2409	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0587	58.7026	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0569	56.8818	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0538	53.8278	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0586	58.5623	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0535	53.5214	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0585	58.5263	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0534	53.3749	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0574	57.3881	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0545	54.5372	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0541	54.0833	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0580	57.9845	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0569	56.8525	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0572	57.2085	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0542	54.2180	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0571	57.1357	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0532	53.2446	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0499	49.9390	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0513	51.3282	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0551	55.0503	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0499	49.8769	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0497	49.7492	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0507	50.7359	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0542	54.2433	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0530	53.0139	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0539	53.9051	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0502	50.1875	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0497	49.6883	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0494	49.4446	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0568	56.7916	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0532	53.1619	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0536	53.6179	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0516	51.6384	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	

9:00	80	0.0513	51.2776	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	
9:15	80	0.0529	52.8635	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0000	0.0000	
9:30	80	0.0435	43.5457	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0000	0.0000	
9:45	80	0.0470	47.0444	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0000	0.0000	
10:00	80	0.0476	47.6136	10:00	117	0.0003	0.3063	10:00	N/A	0	0.0000	10:00	52	0.0031	3.1406	
10:15	80	0.0527	52.7165	10:15	117	0.0023	2.3077	10:15	N/A	0	0.0000	10:15	52	0.0156	15.6251	
10:30	80	0.0530	52.9625	10:30	117	0.0027	2.7433	10:30	N/A	0	0.0000	10:30	52	0.0188	18.8184	
10:45	80	0.0498	49.7802	10:45	117	0.0032	3.2143	10:45	N/A	0	0.0000	10:45	52	0.0187	18.6591	
11:00	80	0.0489	48.9441	11:00	117	0.0021	2.0795	11:00	N/A	0	0.0000	11:00	52	0.0180	17.9917	
11:15	80	0.0476	47.5540	11:15	117	0.0020	2.0256	11:15	N/A	0	0.0000	11:15	52	0.0173	17.2968	
11:30	80	0.0475	47.4630	11:30	117	0.0033	3.3243	11:30	N/A	0	0.0000	11:30	52	0.0175	17.5369	
11:45	80	0.0472	47.1550	11:45	117	0.0030	2.9705	11:45	N/A	0	0.0000	11:45	52	0.0145	14.5201	
12:00	80	0.0473	47.3129	12:00	117	0.0045	4.4920	12:00	N/A	0	0.0000	12:00	52	0.0000	0.0000	
12:15	80	0.0475	47.5203	12:15	117	0.0043	4.2959	12:15	N/A	0	0.0000	12:15	52	0.0000	0.0000	
12:30	80	0.0479	47.8749	12:30	117	0.0117	11.7383	12:30	N/A	0	0.0000	12:30	52	0.0000	0.0000	
12:45	80	0.0485	48.4581	12:45	117	0.0080	8.0150	12:45	N/A	0	0.0000	12:45	52	0.0000	0.0000	
13:00	80	0.0474	47.4165	13:00	117	0.0053	5.2987	13:00	N/A	0	0.0000	13:00	52	0.0000	0.0000	
13:15	80	0.0478	47.8081	13:15	117	0.0051	5.1348	13:15	N/A	0	0.0000	13:15	52	0.0000	0.0000	
13:30	80	0.0468	46.7557	13:30	117	0.0036	3.5577	13:30	N/A	0	0.0000	13:30	52	0.0000	0.0000	
13:45	80	0.0452	45.2034	13:45	117	0.0021	2.0553	13:45	N/A	0	0.0000	13:45	52	0.0000	0.0000	
14:00	80	0.0428	42.8008	14:00	117	0.0018	1.8410	14:00	N/A	0	0.0000	14:00	52	0.0016	1.6477	
14:15	80	0.0410	41.0447	14:15	117	0.0022	2.2121	14:15	N/A	0	0.0000	14:15	52	0.0147	14.7270	
14:30	80	0.0388	38.8134	14:30	117	0.0021	2.1001	14:30	N/A	0	0.0000	14:30	52	0.0255	25.5455	
14:45	80	0.0368	36.7956	14:45	117	0.0022	2.1559	14:45	N/A	0	0.0000	14:45	52	0.0388	38.7963	
15:00	80	0.0361	36.0785	15:00	117	0.0028	2.7592	15:00	N/A	0	0.0000	15:00	52	0.0467	46.7234	
15:15	80	0.0339	33.9422	15:15	117	0.0033	3.3184	15:15	N/A	0	0.0000	15:05	52	0.0494	49.4295	
15:30	80	0.0336	33.6464	15:30	117	0.0039	3.8910	15:30	N/A	0	0.0000	15:10	52	0.0517	51.7499	
15:45	80	0.0327	32.6928	15:45	117	0.0045	4.4992	15:45	N/A	0	0.0000	15:15	52	0.0536	53.6178	* See Field Investigation Below
16:00	80	0.0309	30.8876	16:00	117	0.0046	4.6002	16:00	N/A	0.00013	0.1300	15:20	52	0.0549	54.9054	* See Field Investigation Below
16:15	80	0.0307	30.6853	16:15	117	0.0024	2.4203	16:15	N/A	0.0001805	0.1805	15:25	52	0.0559	55.8507	* See Field Investigation Below
16:30	80	0.0321	32.0521	16:30	117	0.0020	2.0296	16:30	N/A	0.0002033	0.2033	15:30	52	0.0571	57.0715	* See Field Investigation Below
16:45	80	0.0353	35.2816	16:45	117	0.0029	2.8647	16:45	N/A	0.0003083	0.3083	15:35	52	0.0585	58.5380	* See Field Investigation Below
17:00	80	0.0376	37.6350	17:00	117	0.0011	1.1159	17:00	N/A	0.0003473	0.3473	15:40	52	0.0601	60.0992	* See Field Investigation Below
17:15	80	0.0391	39.1020	17:15	117	0.0012	1.1513	17:15	N/A	0.0004638	0.4638	15:45	52	0.0611	61.0869	* See Field Investigation Below
17:30	80	0.0414	41.4258	17:30	117	0.0000	0.0000	17:30	N/A	0.0004423	0.4423	15:50	52	0.0614	61.4450	* See Field Investigation Below
17:45	80	0.0441	44.1151	17:45	117	0.0000	0.0000	17:45	N/A	0.0001738	0.1738	15:55	52	0.0615	61.4612	* See Field Investigation Below
18:00	80	0.0458	45.7824	18:00	117	0.0000	0.0099	18:00	N/A	0	0.0000	16:00	52	0.0614	61.3665	* See Field Investigation Below
18:15	80	0.0469	46.9343	18:15	117	0.0000	0.0000	18:15	N/A	0	0.0000	16:05	52	0.0621	62.0738	* See Field Investigation Below
18:30	80	0.0481	48.0682	18:30	117	0.0001	0.1079	18:30	N/A	0	0.0000	16:10	52	0.0624	62.4236	* See Field Investigation Below
18:45	80	0.0489	48.8655	18:45	117	0.0000	0.0000	18:45	N/A	0	0.0000	16:15	52	0.0623	62.3039	* See Field Investigation Below
19:00	80	0.0515	51.4646	19:00	117	0.0000	0.0000	19:00	N/A	0	0.0000	16:20	52	0.0620	62.0272	* See Field Investigation Below
19:15	80	0.0553	55.3098	19:15	117	0.0000	0.0000	19:15	N/A	0.0003544	0.3544	16:25	52	0.0623	62.2990	* See Field Investigation Below
19:30	80	0.0505	50.4974	19:30	117	0.0000	0.0000	19:30	N/A	0.0012749	1.2749	16:30	52	0.0621	62.1036	* See Field Investigation Below
19:45	80	0.0519	51.9354	19:45	117	0.0000	0.0000	19:45	N/A	0.0010097	1.0097	16:35	52	0.0619	61.9463	* See Field Investigation Below
20:00	80	0.0527	52.6548	20:00	117	0.0000	0.0000	20:00	N/A	0.0001239	0.1239	16:40	52	0.0614	61.3567	* See Field Investigation Below
20:15	80	0.0547	54.7303	20:15	117	0.0000	0.0000	20:15	N/A	0	0.0000	16:45	52	0.0613	61.3159	* See Field Investigation Below
20:30	80	0.0563	56.2512	20:30	117	0.0000	0.0000	20:30	N/A	0	0.0000	16:50	52	0.0616	61.5857	* See Field Investigation Below
20:45	80	0.0580	57.9706	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	16:55	52	0.0616	61.5967	* See Field Investigation Below
21:00	80	0.0588	58.8250	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	17:00	52	0.0617	61.6704	* See Field Investigation Below
21:15	80	0.0574	57.3915	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	17:05	52	0.0607	60.7334	* See Field Investigation Below
21:30	80	0.0563	56.3499	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	17:10	52	0.0607	60.6582	* See Field Investigation Below
21:45	80	0.0547	54.7025	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	17:15	52	0.0601	60.0912	* See Field Investigation Below
22:00	80	0.0589	58.8690	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	17:20	52	0.0604	60.4230	* See Field Investigation Below
22:15	80	0.0546	54.6472	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	17:25	52	0.0604	60.4429	* See Field Investigation Below
22:30	80	0.0592	59.2103	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	17:30	52	0.0600	59.9612	* See Field Investigation Below
22:45	80	0.0623	62.3264	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	17:35	52	0.0600	59.9909	* See Field Investigation Below
23:00	80	0.0599	59.8660	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	17:40	52	0.0600	59.9865	* See Field Investigation Below
23:15	80	0.0549	54.8663	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	17:45	52	0.0603	60.2639	* See Field Investigation Below

23:30	80	0.0554	55.3929	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	17:50	52	0.0604	60.3641	* See Field Investigation Below
23:45	80	0.0509	50.9146	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	17:55	52	0.0601	60.1063	* See Field Investigation Below
												18:00	52	0.0599	59.931144	* See Field Investigation Below
												18:05	52	0.0593	59.261704	* See Field Investigation Below
												18:10	52	0.0589	58.865507	* See Field Investigation Below
												18:15	52	0.0586	58.60359	* See Field Investigation Below
												18:20	52	0.0582	58.206103	* See Field Investigation Below
												18:25	52	0.0579	57.892049	* See Field Investigation Below
												18:30	52	0.0575	57.545121	* See Field Investigation Below
												18:35	52	0.0567	56.7476	* See Field Investigation Below
												18:40	52	0.0564	56.402093	* See Field Investigation Below
												18:45	52	0.0561	56.140022	* See Field Investigation Below
												18:50	52	0.0558	55.7782	* See Field Investigation Below
												18:55	52	0.0554	55.377112	* See Field Investigation Below
												19:00	52	0.0549	54.902802	* See Field Investigation Below
												19:05	52	0.0546	54.613228	* See Field Investigation Below
												19:10	52	0.0541	54.146057	* See Field Investigation Below
												19:15	52	0.0536	53.558305	* See Field Investigation Below
												19:20	52	0.0530	53.017855	* See Field Investigation Below
												19:25	52	0.0526	52.619228	* See Field Investigation Below
												19:30	52	0.0514	51.399036	
												19:45	52	0.0498	49.752694	
												20:00	52	0.0446	44.570126	
												20:15	52	0.0439	43.936392	
												20:30	52	0.0442	44.227238	
												20:45	52	0.0451	45.098242	
												21:00	52	0.0436	43.551616	
												21:15	52	0.0407	40.747888	
												21:30	52	0.0376	37.613266	
												21:45	52	0.0358	35.833636	
												22:00	52	0.0343	34.293596	
												22:15	52	0.0329	32.932747	
												22:30	52	0.0354	35.351729	
												22:45	52	0.0387	38.740079	
												23:00	52	0.0382	38.159109	
												23:15	52	0.0339	33.860518	
												23:30	52	0.0334	33.444368	
												23:45	52	0.0283	28.303663	

* 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.
-----------------------	---



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

10/24/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/24/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/24/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/24/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0489	48.9014	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0265	26.5434	
0:15	80	0.0523	52.2705	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0307	30.6809	
0:30	80	0.0555	55.5173	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0337	33.7136	
0:45	80	0.0531	53.0890	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0322	32.1655	
1:00	80	0.0537	53.7156	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0339	33.9316	
1:15	80	0.0581	58.0541	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0356	35.6200	
1:30	80	0.0585	58.5435	1:30	117	0.0001	0.1070	1:30	N/A	0	0.0000	1:30	52	0.0358	35.8247	
1:45	80	0.0576	57.6326	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0350	34.9851	
2:00	80	0.0576	57.6117	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0337	33.6644	
2:15	80	0.0561	56.0592	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0331	33.0623	
2:30	80	0.0569	56.8972	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0332	33.2369	
2:45	80	0.0567	56.6611	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0321	32.1310	
3:00	80	0.0590	59.0070	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0314	31.4215	
3:15	80	0.0581	58.1315	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0311	31.1422	
3:30	80	0.0582	58.1667	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0303	30.3406	
3:45	80	0.0523	52.2761	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0298	29.8443	
4:00	80	0.0521	52.0827	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0303	30.2703	
4:15	80	0.0538	53.7510	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0302	30.2430	
4:30	80	0.0559	55.8907	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0298	29.8207	
4:45	80	0.0523	52.2636	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0298	29.7639	
5:00	80	0.0512	51.1908	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0295	29.4973	
5:15	80	0.0508	50.8447	5:15	117	0.0000	0.0003	5:15	N/A	0	0.0000	5:15	52	0.0295	29.5334	
5:30	80	0.0524	52.3539	5:30	117	0.0000	0.0046	5:30	N/A	0	0.0000	5:30	52	0.0296	29.5516	
5:45	80	0.0512	51.1595	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0292	29.1762	
6:00	80	0.0510	50.9817	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0286	28.5666	
6:15	80	0.0515	51.5493	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0282	28.1547	
6:30	80	0.0499	49.9495	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0278	27.7711	
6:45	80	0.0427	42.6881	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0191	19.0731	
7:00	80	0.0379	37.8985	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0164	16.3598	
7:15	80	0.0390	38.9651	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0157	15.7284	
7:30	80	0.0360	35.9596	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0153	15.2591	
7:45	80	0.0360	36.0215	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0149	14.8700	
8:00	80	0.0374	37.3560	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0146	14.5758	
8:15	80	0.0365	36.5194	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0142	14.1845	
8:30	80	0.0376	37.5929	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0140	14.0102	
8:45	80	0.0391	39.1308	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0141	14.1398	
9:00	80	0.0346	34.6149	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0142	14.1724	
9:15	80	0.0364	36.3942	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0194	19.4459	
9:30	80	0.0394	39.3521	9:30	117	0.0000	0.0067	9:30	N/A	0	0.0000	9:30	52	0.0245	24.4637	
9:45	80	0.0303	30.2925	9:45	117	0.0001	0.0608	9:45	N/A	0	0.0000	9:45	52	0.0178	17.7836	
10:00	80	0.0286	28.5504	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0173	17.2796	
10:15	80	0.0271	27.1118	10:15	117	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	52	0.0179	17.8913	
10:30	80	0.0280	28.0308	10:30	117	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	52	0.0183	18.3019	
10:45	80	0.0256	25.6341	10:45	117	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	52	0.0190	19.0055	
11:00	80	0.0292	29.1551	11:00	117	0.0006	0.6380	11:00	N/A	0	0.0000	11:00	52	0.0244	24.4218	
11:15	80	0.0238	23.7643	11:15	117	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	52	0.0198	19.8328	
11:30	80	0.0239	23.9429	11:30	117	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	52	0.0208	20.7566	

11:45	80	0.0224	22.4408	11:45	117	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	52	0.0217	21.7293	
12:00	80	0.0250	25.0304	12:00	117	0.0011	1.0721	12:00	N/A	0	0.0000	12:00	52	0.0248	24.7871	
12:15	80	0.0242	24.2279	12:15	117	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	52	0.0225	22.4575	
12:30	80	0.0245	24.5266	12:30	117	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	52	0.0227	22.7477	
12:45	80	0.0294	29.3562	12:45	117	0.0031	3.1086	12:45	N/A	0	0.0000	12:45	52	0.0283	28.3173	
13:00	80	0.0307	30.7085	13:00	117	0.0049	4.9188	13:00	N/A	0	0.0000	13:00	52	0.0307	30.6839	
13:15	80	0.0276	27.5591	13:15	117	0.0026	2.5784	13:15	N/A	0	0.0000	13:15	52	0.0265	26.5424	
13:30	80	0.0227	22.6719	13:30	117	0.0006	0.6321	13:30	N/A	0	0.0000	13:30	52	0.0229	22.8726	
13:45	80	0.0283	28.3313	13:45	117	0.0056	5.6002	13:45	N/A	0	0.0000	13:45	52	0.0289	28.8892	
14:00	80	0.0238	23.8355	14:00	117	0.0033	3.2582	14:00	N/A	0	0.0000	14:00	52	0.0239	23.9076	
14:15	80	0.0237	23.7368	14:15	117	0.0049	4.8723	14:15	N/A	0	0.0000	14:15	52	0.0247	24.7446	
14:30	80	0.0246	24.5702	14:30	117	0.0046	4.5599	14:30	N/A	0	0.0000	14:30	52	0.0216	21.6467	
14:45	80	0.0294	29.4142	14:45	117	0.0075	7.5439	14:45	N/A	0	0.0000	14:45	52	0.0059	5.9150	
15:00	80	0.0284	28.3983	15:00	117	0.0082	8.2162	15:00	N/A	0	0.0000	15:00	52	0.0097	9.7459	
15:15	80	0.0268	26.7902	15:15	117	0.0067	6.6675	15:15	N/A	0	0.0000	15:15	52	0.0121	12.0710	
15:30	80	0.0302	30.1655	15:30	117	0.0098	9.8172	15:30	N/A	0	0.0000	15:30	52	0.0180	17.9891	
15:45	80	0.0284	28.3834	15:45	117	0.0082	8.2388	15:45	N/A	0	0.0000	15:45	52	0.0174	17.3619	
16:00	80	0.0289	28.8861	16:00	117	0.0111	11.1493	16:00	N/A	0	0.0000	16:00	52	0.0206	20.6313	
16:15	80	0.0285	28.5240	16:15	117	0.0119	11.9201	16:15	N/A	0	0.0000	16:15	52	0.0221	22.1210	
16:30	80	0.0287	28.6725	16:30	117	0.0133	13.3256	16:30	N/A	0	0.0000	16:30	52	0.0229	22.9305	
16:45	80	0.0287	28.6639	16:45	117	0.0128	12.8021	16:45	N/A	0	0.0000	16:45	52	0.0230	23.0008	
17:00	80	0.0268	26.8441	17:00	117	0.0097	9.7032	17:00	N/A	0	0.0000	17:00	52	0.0213	21.2680	
17:15	80	0.0283	28.2908	17:15	117	0.0136	13.6071	17:15	N/A	0	0.0000	17:15	52	0.0243	24.3327	
17:30	80	0.0300	30.0229	17:30	117	0.0152	15.2159	17:30	N/A	0	0.0000	17:30	52	0.0253	25.2753	
17:45	80	0.0306	30.5554	17:45	117	0.0136	13.5552	17:45	N/A	0	0.0000	17:45	52	0.0252	25.1691	
18:00	80	0.0310	30.9746	18:00	117	0.0149	14.9277	18:00	N/A	0	0.0000	18:00	52	0.0256	25.5838	
18:15	80	0.0366	36.6007	18:15	117	0.0153	15.3377	18:15	N/A	0	0.0000	18:15	52	0.0262	26.1585	
18:30	80	0.0333	33.2530	18:30	117	0.0113	11.2699	18:30	N/A	0	0.0000	18:30	52	0.0228	22.7996	
18:45	80	0.0326	32.6016	18:45	117	0.0036	3.6231	18:45	N/A	0	0.0000	18:45	52	0.0169	16.8881	
19:00	80	0.0322	32.1612	19:00	117	0.0013	1.3499	19:00	N/A	0	0.0000	19:00	52	0.0158	15.8024	
19:15	80	0.0334	33.3875	19:15	117	0.0002	0.2108	19:15	N/A	0	0.0000	19:15	52	0.0148	14.7567	
19:30	80	0.0328	32.8283	19:30	117	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	52	0.0139	13.8817	
19:45	80	0.0355	35.5365	19:45	117	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	52	0.0131	13.1262	
20:00	80	0.0332	33.2330	20:00	117	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	52	0.0124	12.4062	
20:15	80	0.0354	35.3792	20:15	117	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	52	0.0118	11.8458	
20:30	80	0.0383	38.3369	20:30	117	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	52	0.0115	11.5439	
20:45	80	0.0329	32.8758	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	52	0.0111	11.1287	
21:00	80	0.0342	34.2348	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	52	0.0108	10.7748	
21:15	80	0.0330	33.0100	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	52	0.0105	10.5088	
21:30	80	0.0347	34.6641	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	52	0.0101	10.1157	
21:45	80	0.0345	34.5151	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	52	0.0097	9.7360	
22:00	80	0.0363	36.3402	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0095	9.4907	
22:15	80	0.0333	33.2985	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0094	9.4419	
22:30	80	0.0358	35.8053	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0096	9.5629	
22:45	80	0.0336	33.5586	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0095	9.4726	
23:00	80	0.0333	33.2739	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0094	9.3640	
23:15	80	0.0322	32.1669	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0091	9.1428	
23:30	80	0.0348	34.7724	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0089	8.8899	
23:45	80	0.0335	33.5250	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0087	8.7383	



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

10/25/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/25/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/25/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/25/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0334	33.3856	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0085	8.4540	
0:15	80	0.0377	37.6983	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0084	8.3906	
0:30	80	0.0337	33.6809	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0084	8.3714	
0:45	80	0.0326	32.5548	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0084	8.3673	
1:00	80	0.0338	33.7915	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0082	8.2465	
1:15	80	0.0325	32.5040	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0082	8.1810	
1:30	80	0.0313	31.3047	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0080	7.9775	
1:45	80	0.0306	30.6126	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0079	7.8730	
2:00	80	0.0306	30.6005	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0077	7.6601	
2:15	80	0.0307	30.7153	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0077	7.6635	
2:30	80	0.0331	33.0889	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0075	7.5442	
2:45	80	0.0299	29.9382	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0075	7.4591	
3:00	80	0.0323	32.2819	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0075	7.4898	
3:15	80	0.0303	30.3489	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0075	7.5002	
3:30	80	0.0298	29.7545	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0074	7.4218	
3:45	80	0.0270	26.9981	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0073	7.3002	
4:00	80	0.0284	28.3887	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0070	7.0395	
4:15	80	0.0285	28.5428	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0066	6.5802	
4:30	80	0.0268	26.8413	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0063	6.2695	
4:45	80	0.0272	27.1549	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0060	5.9636	
5:00	80	0.0280	28.0301	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0055	5.5128	
5:15	80	0.0256	25.6272	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0054	5.4014	
5:30	80	0.0262	26.1787	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0053	5.2529	
5:45	80	0.0265	26.5241	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0049	4.9041	
6:00	80	0.0257	25.7244	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0045	4.5374	
6:15	80	0.0237	23.7314	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0049	4.9363	
6:30	80	0.0237	23.7314	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0056	5.5570	
6:45	80	0.0252	25.1855	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0058	5.8215	
7:00	80	0.0259	25.8859	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0060	6.0357	
7:15	80	0.0250	24.9890	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0062	6.1818	
7:30	80	0.0268	26.8182	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0065	6.4975	
7:45	80	0.0256	25.5605	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0057	5.7237	
8:00	80	0.0267	26.7032	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0054	5.3839	
8:15	80	0.0276	27.6262	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0051	5.1347	
8:30	80	0.0268	26.7564	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0054	5.3527	
8:45	80	0.0284	28.4104	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0059	5.8553	
9:00	80	0.0285	28.4606	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0065	6.4540	
9:15	80	0.0277	27.6737	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0069	6.8518	
9:30	80	0.0281	28.1136	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0072	7.1979	
9:45	80	0.0297	29.6972	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0076	7.5933	
10:00	80	0.0296	29.6151	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0083	8.2847	
10:15	80	0.0346	34.5896	10:15	117	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	52	0.0152	15.1956	
10:30	80	0.0338	33.8121	10:30	117	0.0001	0.1451	10:30	N/A	0	0.0000	10:30	52	0.0157	15.6527	
10:45	80	0.0373	37.2583	10:45	117	0.0015	1.5376	10:45	N/A	0	0.0000	10:45	52	0.0189	18.8892	
11:00	80	0.0347	34.6603	11:00	117	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	52	0.0126	12.6411	
11:15	80	0.0334	33.3710	11:15	117	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	52	0.0132	13.1521	
11:30	80	0.0401	40.1390	11:30	117	0.0013	1.3415	11:30	N/A	0	0.0000	11:30	52	0.0203	20.2748	

11:45	80	0.0374	37.4030	11:45	117	0.0003	0.3260	11:45	N/A	0	0.0000	11:45	52	0.0163	16.2855	
12:00	80	0.0328	32.8091	12:00	117	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	52	0.0134	13.3512	
12:15	80	0.0310	31.0218	12:15	117	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	52	0.0133	13.2903	
12:30	80	0.0328	32.7900	12:30	117	0.0020	2.0212	12:30	N/A	0	0.0000	12:30	52	0.0145	14.5153	
12:45	80	0.0335	33.4812	12:45	117	0.0014	1.4179	12:45	N/A	0	0.0000	12:45	52	0.0028	2.7790	
13:00	80	0.0337	33.6816	13:00	117	0.0020	1.9895	13:00	N/A	0	0.0000	13:00	52	0.0043	4.2929	
13:15	80	0.0358	35.7650	13:15	117	0.0034	3.3899	13:15	N/A	0	0.0000	13:15	52	0.0097	9.7466	
13:30	80	0.0359	35.9217	13:30	117	0.0066	6.6258	13:30	N/A	0	0.0000	13:30	52	0.0123	12.2918	
13:45	80	0.0341	34.1011	13:45	117	0.0064	6.3502	13:45	N/A	0	0.0000	13:45	52	0.0118	11.7725	
14:00	80	0.0363	36.2999	14:00	117	0.0069	6.8641	14:00	N/A	0	0.0000	14:00	52	0.0144	14.3641	
14:15	80	0.0365	36.5423	14:15	117	0.0078	7.7516	14:15	N/A	0	0.0000	14:15	52	0.0148	14.7965	
14:30	80	0.0365	36.4834	14:30	117	0.0072	7.1839	14:30	N/A	0	0.0000	14:30	52	0.0149	14.9233	
14:45	80	0.0381	38.0731	14:45	117	0.0048	4.7560	14:45	N/A	0	0.0000	14:45	52	0.0146	14.6143	
15:00	80	0.0376	37.5817	15:00	117	0.0033	3.2786	15:00	N/A	0	0.0000	15:00	52	0.0144	14.3946	
15:15	80	0.0389	38.9058	15:15	117	0.0036	3.6283	15:15	N/A	0	0.0000	15:15	52	0.0148	14.7910	
15:30	80	0.0401	40.1340	15:30	117	0.0037	3.6788	15:30	N/A	0	0.0000	15:30	52	0.0152	15.1596	
15:45	80	0.0400	40.0260	15:45	117	0.0027	2.7281	15:45	N/A	0	0.0000	15:45	52	0.0150	14.9525	
16:00	80	0.0405	40.5254	16:00	117	0.0024	2.4428	16:00	N/A	0	0.0000	16:00	52	0.0147	14.6815	
16:15	80	0.0404	40.4104	16:15	117	0.0052	5.2339	16:15	N/A	0	0.0000	16:15	52	0.0146	14.5732	
16:30	80	0.0416	41.5846	16:30	117	0.0067	6.7115	16:30	N/A	0	0.0000	16:30	52	0.0156	15.5642	
16:45	80	0.0417	41.7212	16:45	117	0.0081	8.1377	16:45	N/A	0	0.0000	16:45	52	0.0159	15.9136	
17:00	80	0.0423	42.2970	17:00	117	0.0090	8.9974	17:00	N/A	0	0.0000	17:00	52	0.0167	16.7033	
17:15	80	0.0424	42.4270	17:15	117	0.0104	10.4092	17:15	N/A	0	0.0000	17:15	52	0.0168	16.8411	
17:30	80	0.0425	42.5473	17:30	117	0.0105	10.5037	17:30	N/A	0	0.0000	17:30	52	0.0153	15.3214	
17:45	80	0.0402	40.2331	17:45	117	0.0089	8.9354	17:45	N/A	0	0.0000	17:45	52	0.0134	13.4226	
18:00	80	0.0418	41.8442	18:00	117	0.0088	8.7881	18:00	N/A	0	0.0000	18:00	52	0.0136	13.6131	
18:15	80	0.0405	40.5242	18:15	117	0.0065	6.5060	18:15	N/A	0	0.0000	18:15	52	0.0121	12.1033	
18:30	80	0.0422	42.2366	18:30	117	0.0034	3.3878	18:30	N/A	0	0.0000	18:30	52	0.0110	10.9505	
18:45	80	0.0432	43.1585	18:45	117	0.0027	2.7463	18:45	N/A	0	0.0000	18:45	52	0.0100	9.9788	
19:00	80	0.0438	43.8007	19:00	117	0.0010	0.9522	19:00	N/A	1.843E-06	0.0018	19:00	52	0.0094	9.3772	
19:15	80	0.0443	44.3044	19:15	117	0.0002	0.2475	19:15	N/A	3.303E-05	0.0330	19:15	52	0.0086	8.6434	
19:30	80	0.0447	44.6847	19:30	117	0.0000	0.0000	19:30	N/A	8.968E-05	0.0897	19:30	52	0.0080	8.0274	
19:45	80	0.0459	45.9380	19:45	117	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	52	0.0075	7.5467	
20:00	80	0.0449	44.8943	20:00	117	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	52	0.0072	7.2468	
20:15	80	0.0472	47.1714	20:15	117	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	52	0.0070	6.9882	
20:30	80	0.0461	46.1013	20:30	117	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	52	0.0069	6.9211	
20:45	80	0.0493	49.2720	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	52	0.0068	6.8049	
21:00	80	0.0471	47.1417	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	52	0.0066	6.5558	
21:15	80	0.0483	48.3055	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	52	0.0063	6.2886	
21:30	80	0.0478	47.8226	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	52	0.0061	6.0903	
21:45	80	0.0490	48.9575	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	52	0.0067	6.7408	
22:00	80	0.0481	48.0666	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0056	5.6293	
22:15	80	0.0488	48.7924	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0057	5.7037	
22:30	80	0.0488	48.8158	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0069	6.9346	
22:45	80	0.0487	48.7021	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0086	8.6202	
23:00	80	0.0481	48.1027	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0085	8.5103	
23:15	80	0.0469	46.8865	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0069	6.9421	
23:30	80	0.0473	47.3255	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0072	7.1519	
23:45	80	0.0504	50.4039	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0089	8.9485	



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

10/26/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/26/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/26/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/26/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0514	51.3954	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0103	10.2976	
0:15	80	0.0518	51.8277	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0104	10.3726	
0:30	80	0.0524	52.3731	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0106	10.5620	
0:45	80	0.0540	54.0368	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0104	10.3598	
1:00	80	0.0534	53.3737	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0101	10.1357	
1:15	80	0.0541	54.1164	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0094	9.4388	
1:30	80	0.0541	54.1014	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0093	9.3051	
1:45	80	0.0545	54.4534	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0087	8.7357	
2:00	80	0.0555	55.4790	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0089	8.9203	
2:15	80	0.0553	55.3083	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0090	8.9604	
2:30	80	0.0549	54.9175	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0088	8.8097	
2:45	80	0.0583	58.3376	2:45	117	0.0000	0.0266	2:45	N/A	0	0.0000	2:45	52	0.0091	9.0970	
3:00	80	0.0558	55.8234	3:00	117	0.0001	0.1250	3:00	N/A	0	0.0000	3:00	52	0.0065	6.4630	
3:15	80	0.0565	56.4855	3:15	117	0.0002	0.2091	3:15	N/A	0	0.0000	3:15	52	0.0045	4.5011	
3:30	80	0.0487	48.6648	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0007	0.6955	
3:45	80	0.0543	54.2861	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0001	0.0839	
4:00	80	0.0479	47.9392	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0491	49.1363	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0485	48.5242	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0507	50.6779	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0501	50.0517	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0528	52.8315	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0008	0.7779	
5:30	80	0.0528	52.7969	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0013	1.3418	
5:45	80	0.0549	54.8875	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0061	6.1433	
6:00	80	0.0563	56.3374	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0061	6.1431	
6:15	80	0.0546	54.5725	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0060	5.9699	
6:30	80	0.0534	53.4376	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0058	5.8052	
6:45	80	0.0539	53.8582	6:45	117	0.0000	0.0001	6:45	N/A	0	0.0000	6:45	52	0.0061	6.1379	
7:00	80	0.0528	52.7779	7:00	117	0.0002	0.1539	7:00	N/A	0	0.0000	7:00	52	0.0066	6.5861	
7:15	80	0.0535	53.5308	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0062	6.1881	
7:30	80	0.0539	53.9180	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0062	6.2362	
7:45	80	0.0532	53.2356	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0060	6.0354	
8:00	80	0.0531	53.1239	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0062	6.1570	
8:15	80	0.0538	53.8207	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0060	6.0415	
8:30	80	0.0525	52.4969	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0060	6.0112	
8:45	80	0.0518	51.8144	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0059	5.9456	
9:00	80	0.0481	48.0680	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0039	3.9338	
9:15	80	0.0416	41.6336	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0001	0.1421	
9:30	80	0.0491	49.0632	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0062	6.1924	
9:45	80	0.0447	44.7122	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0042	4.1746	
10:00	80	0.0403	40.2832	10:00	117	0.0000	0.0003	10:00	N/A	0	0.0000	10:00	52	0.0020	2.0139	
10:15	80	0.0423	42.3439	10:15	117	0.0004	0.3792	10:15	N/A	0	0.0000	10:15	52	0.0045	4.5324	
10:30	80	0.0401	40.1103	10:30	117	0.0008	0.8365	10:30	N/A	0	0.0000	10:30	52	0.0047	4.6530	
10:45	80	0.0363	36.3054	10:45	117	0.0008	0.7796	10:45	N/A	0	0.0000	10:45	52	0.0026	2.6461	
11:00	80	0.0346	34.6330	11:00	117	0.0003	0.3398	11:00	N/A	0	0.0000	11:00	52	0.0046	4.6466	
11:15	80	0.0246	24.6164	11:15	117	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	52	0.0000	0.0000	
11:30	80	0.0241	24.1092	11:30	117	0.0007	0.7159	11:30	N/A	0	0.0000	11:30	52	0.0014	1.4212	

11:45	80	0.0167	16.7387	11:45	117	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	52	0.0000	0.0000	
12:00	80	0.0156	15.5918	12:00	117	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	52	0.0000	0.0000	
12:15	80	0.0161	16.0631	12:15	117	0.0002	0.1913	12:15	N/A	0	0.0000	12:15	52	0.0010	1.0455	
12:30	80	0.0150	14.9583	12:30	117	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	52	0.0000	0.0000	
12:45	80	0.0183	18.3291	12:45	117	0.0002	0.2272	12:45	N/A	0	0.0000	12:45	52	0.0007	0.7468	
13:00	80	0.0169	16.8632	13:00	117	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	52	0.0000	0.0000	
13:15	80	0.0185	18.4865	13:15	117	0.0007	0.6593	13:15	N/A	0	0.0000	13:15	52	0.0014	1.4415	
13:30	80	0.0192	19.2435	13:30	117	0.0010	1.0020	13:30	N/A	0	0.0000	13:30	52	0.0014	1.3828	
13:45	80	0.0158	15.8390	13:45	117	0.0000	0.0000	13:45	N/A	0	0.0000	13:45	52	0.0000	0.0000	
14:00	80	0.0154	15.4045	14:00	117	0.0000	0.0000	14:00	N/A	0	0.0000	14:00	52	0.0000	0.0000	
14:15	80	0.0150	14.9673	14:15	117	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	52	0.0000	0.0000	
14:30	80	0.0179	17.8780	14:30	117	0.0011	1.1092	14:30	N/A	0	0.0000	14:30	52	0.0005	0.5151	
14:45	80	0.0184	18.3613	14:45	117	0.0022	2.1595	14:45	N/A	0	0.0000	14:45	52	0.0010	0.9666	
15:00	80	0.0165	16.4634	15:00	117	0.0016	1.5547	15:00	N/A	0	0.0000	15:00	52	0.0003	0.3492	
15:15	80	0.0147	14.6846	15:15	117	0.0016	1.5918	15:15	N/A	0	0.0000	15:15	52	0.0004	0.3784	
15:30	80	0.0164	16.4008	15:30	117	0.0033	3.2886	15:30	N/A	0	0.0000	15:30	52	0.0005	0.5027	
15:45	80	0.0188	18.7701	15:45	117	0.0034	3.3852	15:45	N/A	0	0.0000	15:45	52	0.0004	0.4265	
16:00	80	0.0171	17.0608	16:00	117	0.0014	1.3506	16:00	N/A	0	0.0000	16:00	52	0.0004	0.4204	
16:15	80	0.0158	15.7606	16:15	117	0.0005	0.4553	16:15	N/A	0	0.0000	16:15	52	0.0003	0.2806	
16:30	80	0.0152	15.2301	16:30	117	0.0009	0.9019	16:30	N/A	0	0.0000	16:30	52	0.0001	0.1304	
16:45	80	0.0207	20.7378	16:45	117	0.0037	3.6869	16:45	N/A	0	0.0000	16:45	52	0.0005	0.4623	
17:00	80	0.0206	20.5746	17:00	117	0.0034	3.3684	17:00	N/A	0	0.0000	17:00	52	0.0005	0.5337	
17:15	80	0.0171	17.1038	17:15	117	0.0035	3.5186	17:15	N/A	0	0.0000	17:15	52	0.0005	0.4772	
17:30	80	0.0148	14.7794	17:30	117	0.0001	0.0810	17:30	N/A	0	0.0000	17:30	52	0.0000	0.0000	
17:45	80	0.0186	18.5707	17:45	117	0.0028	2.7795	17:45	N/A	0	0.0000	17:45	52	0.0000	0.0000	
18:00	80	0.0160	16.0496	18:00	117	0.0010	0.9800	18:00	N/A	0	0.0000	18:00	52	0.0000	0.0000	
18:15	80	0.0156	15.6220	18:15	117	0.0012	1.2082	18:15	N/A	0	0.0000	18:15	52	0.0000	0.0000	
18:30	80	0.0139	13.9173	18:30	117	0.0006	0.5767	18:30	N/A	0	0.0000	18:30	52	0.0000	0.0000	
18:45	80	0.0122	12.1587	18:45	117	0.0000	0.0000	18:45	N/A	0	0.0000	18:45	52	0.0000	0.0000	
19:00	80	0.0119	11.8993	19:00	117	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	52	0.0000	0.0000	
19:15	80	0.0115	11.5211	19:15	117	0.0000	0.0000	19:15	N/A	0	0.0000	19:15	52	0.0000	0.0000	
19:30	80	0.0125	12.4729	19:30	117	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	52	0.0000	0.0000	
19:45	80	0.0192	19.2368	19:45	117	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	52	0.0001	0.1372	
20:00	80	0.0213	21.3216	20:00	117	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	52	0.0005	0.5103	
20:15	80	0.0195	19.4534	20:15	117	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	52	0.0003	0.2696	
20:30	80	0.0246	24.6274	20:30	117	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	52	0.0003	0.3123	
20:45	80	0.0274	27.4018	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	52	0.0001	0.0940	
21:00	80	0.0290	29.0143	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	52	0.0000	0.0076	
21:15	80	0.0303	30.2869	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	52	0.0000	0.0387	
21:30	80	0.0325	32.5243	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	52	0.0000	0.0085	
21:45	80	0.0328	32.7618	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	52	0.0008	0.7965	
22:00	80	0.0338	33.8475	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0012	1.2213	
22:15	80	0.0374	37.3503	22:15	117	0.0002	0.1526	22:15	N/A	0	0.0000	22:15	52	0.0011	1.1399	
22:30	80	0.0292	29.1694	22:30	117	0.0001	0.0530	22:30	N/A	0	0.0000	22:30	52	0.0003	0.2888	
22:45	80	0.0230	22.9701	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
23:00	80	0.0210	20.9747	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	
23:15	80	0.0227	22.6787	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	
23:30	80	0.0243	24.3138	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	
23:45	80	0.0254	25.3543	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	



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

10/27/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/27/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/27/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/27/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0244	24.4332	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0220	21.9544	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0207	20.6686	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0231	23.1123	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0246	24.5733	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0229	22.9423	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0228	22.7603	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0239	23.8553	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0249	24.9429	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0225	22.5152	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0230	22.9560	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0256	25.6099	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0240	23.9508	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0214	21.3599	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0221	22.1176	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0213	21.3070	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0216	21.5981	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0213	21.3099	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0226	22.6045	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0206	20.6035	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0203	20.3380	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0192	19.1642	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0211	21.1307	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0185	18.5312	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0180	17.9701	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0180	17.9967	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0171	17.0958	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0187	18.7152	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0186	18.5873	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0201	20.1123	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0212	21.1571	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0210	20.9938	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0201	20.1213	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0200	19.9513	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0224	22.4403	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0208	20.8423	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	
9:00	80	0.0217	21.6789	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	
9:15	80	0.0230	22.9842	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0001	0.0641	
9:30	80	0.0294	29.3675	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0020	1.9581	
9:45	80	0.0324	32.4484	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0033	3.2999	
10:00	80	0.0214	21.3663	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0012	1.1940	
10:15	80	0.0229	22.9065	10:15	117	0.0006	0.5736	10:15	N/A	0	0.0000	10:15	52	0.0025	2.4801	
10:30	80	0.0258	25.7762	10:30	117	0.0010	0.9618	10:30	N/A	0	0.0000	10:30	52	0.0042	4.1546	
10:45	80	0.0279	27.8971	10:45	117	0.0016	1.5777	10:45	N/A	0	0.0000	10:45	52	0.0066	6.5859	
11:00	80	0.0254	25.3922	11:00	117	0.0009	0.8753	11:00	N/A	0	0.0000	11:00	52	0.0043	4.3458	
11:15	80	0.0143	14.2648	11:15	117	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	52	0.0000	0.0000	
11:30	80	0.0124	12.3943	11:30	117	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	52	0.0000	0.0000	

11:45	80	0.0131	13.1350	11:45	117	0.0001	0.1383	11:45	N/A	0	0.0000	11:45	52	0.0000	0.0000	
12:00	80	0.0155	15.5329	12:00	117	0.0019	1.8775	12:00	N/A	0	0.0000	12:00	52	0.0010	1.0352	
12:15	80	0.0165	16.5420	12:15	117	0.0032	3.1677	12:15	N/A	0	0.0000	12:15	52	0.0012	1.2473	
12:30	80	0.0140	13.9591	12:30	117	0.0019	1.8851	12:30	N/A	0	0.0000	12:30	52	0.0004	0.4487	
12:45	80	0.0127	12.7163	12:45	117	0.0034	3.4290	12:45	N/A	0	0.0000	12:45	52	0.0015	1.4555	
13:00	80	0.0099	9.8831	13:00	117	0.0031	3.1198	13:00	N/A	0	0.0000	13:00	52	0.0000	0.0000	
13:15	80	0.0083	8.3340	13:15	117	0.0050	5.0049	13:15	N/A	0	0.0000	13:15	52	0.0000	0.0000	
13:30	80	0.0059	5.8825	13:30	117	0.0053	5.3123	13:30	N/A	0	0.0000	13:30	52	0.0000	0.0000	
13:45	80	0.0067	6.7423	13:45	117	0.0081	8.0949	13:45	N/A	0	0.0000	13:45	52	0.0008	0.8172	
14:00	80	0.0037	3.7359	14:00	117	0.0088	8.7815	14:00	N/A	0	0.0000	14:00	52	0.0002	0.2288	
14:15	80	0.0023	2.3347	14:15	117	0.0090	8.9650	14:15	N/A	0	0.0000	14:15	52	0.0000	0.0000	
14:30	80	0.0010	1.0229	14:30	117	0.0091	9.0501	14:30	N/A	0	0.0000	14:30	52	0.0000	0.0000	
14:45	80	0.0002	0.2457	14:45	117	0.0098	9.8495	14:45	N/A	0	0.0000	14:45	52	0.0000	0.0000	
15:00	80	0.0000	0.0000	15:00	117	0.0097	9.6910	15:00	N/A	0	0.0000	15:00	52	0.0000	0.0000	
15:15	80	0.0000	0.0000	15:15	117	0.0077	7.6811	15:15	N/A	0	0.0000	15:15	52	0.0000	0.0000	
15:30	80	0.0000	0.0000	15:30	117	0.0075	7.5061	15:30	N/A	0	0.0000	15:30	52	0.0000	0.0000	
15:45	80	0.0000	0.0000	15:45	117	0.0092	9.2355	15:45	N/A	0	0.0000	15:45	52	0.0000	0.0000	
16:00	80	0.0000	0.0000	16:00	117	0.0098	9.8366	16:00	N/A	0	0.0000	16:00	52	0.0000	0.0000	
16:15	80	0.0000	0.0000	16:15	117	0.0102	10.1550	16:15	N/A	0	0.0000	16:15	52	0.0000	0.0000	
16:30	80	0.0000	0.0000	16:30	117	0.0131	13.0807	16:30	N/A	0	0.0000	16:30	52	0.0000	0.0000	
16:45	80	0.0001	0.1212	16:45	117	0.0118	11.7927	16:45	N/A	0	0.0000	16:45	52	0.0000	0.0000	
17:00	80	0.0000	0.0000	17:00	117	0.0131	13.0602	17:00	N/A	0	0.0000	17:00	52	0.0000	0.0000	
17:15	80	0.0000	0.0000	17:15	117	0.0128	12.7849	17:15	N/A	0	0.0000	17:15	52	0.0000	0.0000	
17:30	80	0.0000	0.0000	17:30	117	0.0118	11.7948	17:30	N/A	0	0.0000	17:30	52	0.0000	0.0000	
17:45	80	0.0000	0.0103	17:45	117	0.0144	14.4104	17:45	N/A	0	0.0000	17:45	52	0.0000	0.0000	
18:00	80	0.0009	0.9212	18:00	117	0.0119	11.8791	18:00	N/A	0	0.0000	18:00	52	0.0000	0.0000	
18:15	80	0.0065	6.5145	18:15	117	0.0104	10.4149	18:15	N/A	0	0.0000	18:15	52	0.0000	0.0000	
18:30	80	0.0073	7.2848	18:30	117	0.0086	8.5533	18:30	N/A	0	0.0000	18:30	52	0.0000	0.0000	
18:45	80	0.0090	9.0115	18:45	117	0.0063	6.2815	18:45	N/A	0	0.0000	18:45	52	0.0000	0.0000	
19:00	80	0.0096	9.5979	19:00	117	0.0043	4.2532	19:00	N/A	0	0.0000	19:00	52	0.0000	0.0000	
19:15	80	0.0118	11.8316	19:15	117	0.0035	3.5188	19:15	N/A	0	0.0000	19:15	52	0.0000	0.0000	
19:30	80	0.0122	12.1609	19:30	117	0.0029	2.9191	19:30	N/A	0	0.0000	19:30	52	0.0000	0.0000	
19:45	80	0.0154	15.3638	19:45	117	0.0003	0.2981	19:45	N/A	0	0.0000	19:45	52	0.0000	0.0000	
20:00	80	0.0114	11.3972	20:00	117	0.0001	0.0839	20:00	N/A	0	0.0000	20:00	52	0.0000	0.0000	
20:15	80	0.0133	13.3499	20:15	117	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	52	0.0000	0.0000	
20:30	80	0.0150	14.9798	20:30	117	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	52	0.0000	0.0000	
20:45	80	0.0150	14.9543	20:45	117	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	52	0.0000	0.0000	
21:00	80	0.0193	19.3298	21:00	117	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	52	0.0000	0.0000	
21:15	80	0.0181	18.0578	21:15	117	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	52	0.0000	0.0000	
21:30	80	0.0199	19.9313	21:30	117	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	52	0.0000	0.0000	
21:45	80	0.0175	17.5298	21:45	117	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	52	0.0000	0.0000	
22:00	80	0.0205	20.4871	22:00	117	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	52	0.0000	0.0000	
22:15	80	0.0170	17.0151	22:15	117	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0000	
22:30	80	0.0173	17.2953	22:30	117	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
22:45	80	0.0169	16.8910	22:45	117	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
23:00	80	0.0172	17.2313	23:00	117	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	
23:15	80	0.0194	19.4217	23:15	117	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	
23:30	80	0.0202	20.1733	23:30	117	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	
23:45	80	0.0217	21.7277	23:45	117	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	



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

10/28/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/28/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/28/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/28/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0201	20.0825	0:00	117	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0201	20.1350	0:15	117	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0216	21.5723	0:30	117	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0212	21.1721	0:45	117	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0220	22.0247	1:00	117	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0225	22.5442	1:15	117	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0215	21.5380	1:30	117	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0197	19.6971	1:45	117	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0202	20.2012	2:00	117	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0201	20.0962	2:15	117	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0203	20.2874	2:30	117	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0189	18.9396	2:45	117	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0202	20.2234	3:00	117	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0198	19.7694	3:15	117	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0200	19.9717	3:30	117	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0192	19.2265	3:45	117	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0185	18.5457	4:00	117	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0190	18.9555	4:15	117	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0191	19.0958	4:30	117	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0186	18.6408	4:45	117	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0197	19.6766	5:00	117	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0191	19.1444	5:15	117	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0173	17.3252	5:30	117	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0192	19.2091	5:45	117	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0176	17.5707	6:00	117	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0183	18.2754	6:15	117	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0187	18.6657	6:30	117	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0193	19.3024	6:45	117	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0186	18.5569	7:00	117	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0189	18.8870	7:15	117	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0183	18.2974	7:30	117	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0191	19.0553	7:45	117	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0196	19.6384	8:00	117	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0200	20.0276	8:15	117	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0195	19.5112	8:30	117	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0197	19.6559	8:45	117	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	
9:00	80	0.0201	20.0646	9:00	117	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	
9:15	80	0.0207	20.7158	9:15	117	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	52	0.0000	0.0000	
9:30	80	0.0208	20.8349	9:30	117	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	52	0.0000	0.0000	
9:45	80	0.0236	23.6440	9:45	117	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	52	0.0000	0.0000	
10:00	80	0.0213	21.2877	10:00	117	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	52	0.0000	0.0000	
10:15	80	0.0246	24.6270	10:15	117	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	52	0.0004	0.4278	
10:30	80	0.0225	22.5119	10:30	117	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	52	0.0006	0.5782	
10:45	80	0.0232	23.1986	10:45	117	0.0003	0.2775	10:45	N/A	0	0.0000	10:45	52	0.0015	1.4640	
11:00	80	0.0206	20.6198	11:00	117	0.0005	0.5232	11:00	N/A	0	0.0000	11:00	52	0.0009	0.8852	
11:15	80	0.0211	21.0716	11:15	117	0.0000	0.0061	11:15	N/A	0	0.0000	11:15	52	0.0013	1.2633	
11:30	80	0.0176	17.6428	11:30	117	0.0001	0.0566	11:30	N/A	0	0.0000	11:30	52	0.0009	0.9146	

11:45	80	0.0229	22.8721	11:45	117	0.0011	1.1028	11:45	N/A	0	0.0000	11:45	52	0.0023	2.2878	
12:00	80	0.0210	21.0416	12:00	117	0.0001	0.0594	12:00	N/A	0	0.0000	12:00	52	0.0001	0.0815	
12:15	80	0.0233	23.3498	12:15	117	0.0016	1.5883	12:15	N/A	0	0.0000	12:15	52	0.0004	0.4186	
12:30	80	0.0224	22.3778	12:30	117	0.0016	1.5688	12:30	N/A	0	0.0000	12:30	52	0.0005	0.5418	
12:45	80	0.0235	23.4806	12:45	117	0.0037	3.6823	12:45	N/A	0	0.0000	12:45	52	0.0007	0.6894	
13:00	80	0.0223	22.3026	13:00	117	0.0021	2.1185	13:00	N/A	0	0.0000	13:00	52	0.0006	0.6109	
13:15	80	0.0193	19.3360	13:15	117	0.0059	5.8552	13:15	N/A	0	0.0000	13:15	52	0.0008	0.8205	
13:30	80	0.0180	18.0427	13:30	117	0.0051	5.1132	13:30	N/A	0	0.0000	13:30	52	0.0007	0.7103	
13:45	80	0.0183	18.2844	13:45	117	0.0072	7.2225	13:45	N/A	0	0.0000	13:45	52	0.0000	0.0000	
14:00	80	0.0195	19.5473	14:00	117	0.0087	8.7176	14:00	N/A	0	0.0000	14:00	52	0.0000	0.0000	
14:15	80	0.0216	21.6236	14:15	117	0.0092	9.2493	14:15	N/A	0	0.0000	14:15	52	0.0001	0.1069	
14:30	80	0.0196	19.5746	14:30	117	0.0104	10.4229	14:30	N/A	0	0.0000	14:30	52	0.0000	0.0000	
14:45	80	0.0203	20.3353	14:45	117	0.0079	7.9152	14:45	N/A	0	0.0000	14:45	52	0.0000	0.0000	
15:00	80	0.0200	20.0376	15:00	117	0.0072	7.1977	15:00	N/A	0	0.0000	15:00	52	0.0000	0.0000	
15:15	80	0.0205	20.5016	15:15	117	0.0085	8.4956	15:15	N/A	0	0.0000	15:15	52	0.0000	0.0304	
15:30	80	0.0213	21.3162	15:30	117	0.0089	8.8808	15:30	N/A	0	0.0000	15:30	52	0.0000	0.0000	
15:45	80	0.0209	20.8801	15:45	117	0.0114	11.3759	15:45	N/A	0	0.0000	15:45	52	0.0000	0.0000	
16:00	80	0.0219	21.8537	16:00	117	0.0132	13.2183	16:00	N/A	2.511E-05	0.0251	16:00	52	0.0000	0.0000	
16:15	80	0.0226	22.5820	16:15	117	0.0155	15.4634	16:15	N/A	0.0001513	0.1513	16:15	52	0.0000	0.0000	
16:30	80	0.0249	24.8621	16:30	117	0.0163	16.3024	16:30	N/A	0.0003409	0.3409	16:30	52	0.0000	0.0000	
16:45	80	0.0257	25.7158	16:45	117	0.0166	16.5968	16:45	N/A	0.0004115	0.4115	16:45	52	0.0000	0.0000	
17:00	80	0.0276	27.5897	17:00	117	0.0174	17.4065	17:00	N/A	0.0002522	0.2522	17:00	52	0.0000	0.0000	
17:15	80	0.0293	29.3173	17:15	117	0.0157	15.7305	17:15	N/A	3.379E-05	0.0338	17:15	52	0.0000	0.0000	
17:30	80	0.0308	30.7799	17:30	117	0.0169	16.9469	17:30	N/A	0	0.0000	17:30	52	0.0000	0.0000	
17:45	80	0.0359	35.8788	17:45	117	0.0176	17.6375	17:45	N/A	0	0.0000	17:45	52	0.0000	0.0000	
18:00	80	0.0397	39.7283	18:00	117	0.0171	17.1322	18:00	N/A	0	0.0000	18:00	52	0.0000	0.0000	
18:15	80	0.0399	39.8604	18:15	117	0.0160	15.9803	18:15	N/A	0	0.0000	18:15	52	0.0000	0.0000	
18:30	80	0.0397	39.7483	18:30	117	0.0138	13.7749	18:30	N/A	0	0.0000	18:30	52	0.0000	0.0000	
18:45	80	0.0425	42.5040	18:45	117	0.0125	12.4666	18:45	N/A	0	0.0000	18:45	52	0.0000	0.0000	
19:00	80	0.0394	39.4033	19:00	117	0.0105	10.5368	19:00	N/A	0	0.0000	19:00	52	0.0000	0.0000	
19:15	80	0.0427	42.7222	19:15	117	0.0089	8.9018	19:15	N/A	0	0.0000	19:15	52	0.0000	0.0000	
19:30	80	0.0483	48.3344	19:30	117	0.0088	8.7552	19:30	N/A	0	0.0000	19:30	52	0.0000	0.0000	
19:45	80	0.0435	43.5175	19:45	117	0.0077	7.7080	19:45	N/A	0	0.0000	19:45	52	0.0000	0.0000	
20:00	80	0.0446	44.6081	20:00	117	0.0073	7.2543	20:00	N/A	0	0.0000	20:00	52	0.0000	0.0000	
20:15	80	0.0471	47.1342	20:15	117	0.0063	6.2504	20:15	N/A	0	0.0000	20:15	52	0.0000	0.0000	
20:30	80	0.0444	44.3859	20:30	117	0.0059	5.9315	20:30	N/A	0	0.0000	20:30	52	0.0000	0.0000	
20:45	80	0.0488	48.8167	20:45	117	0.0053	5.2899	20:45	N/A	0	0.0000	20:45	52	0.0000	0.0000	
21:00	80	0.0465	46.4943	21:00	117	0.0054	5.3714	21:00	N/A	0	0.0000	21:00	52	0.0000	0.0000	
21:15	80	0.0448	44.7940	21:15	117	0.0056	5.6444	21:15	N/A	0	0.0000	21:15	52	0.0000	0.0000	
21:30	80	0.0470	46.9921	21:30	117	0.0059	5.8740	21:30	N/A	0	0.0000	21:30	52	0.0000	0.0000	
21:45	80	0.0479	47.9474	21:45	117	0.0062	6.2411	21:45	N/A	0	0.0000	21:45	52	0.0000	0.0000	
22:00	80	0.0450	44.9582	22:00	117	0.0053	5.3485	22:00	N/A	0	0.0000	22:00	52	0.0000	0.0000	
22:15	80	0.0481	48.1457	22:15	117	0.0045	4.4874	22:15	N/A	0	0.0000	22:15	52	0.0000	0.0000	
22:30	80	0.0515	51.4520	22:30	117	0.0050	4.9760	22:30	N/A	0	0.0000	22:30	52	0.0000	0.0000	
22:45	80	0.0472	47.1544	22:45	117	0.0051	5.0978	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
23:00	80	0.0484	48.3846	23:00	117	0.0052	5.1801	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	
23:15	80	0.0431	43.1339	23:15	117	0.0058	5.8059	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	
23:30	80	0.0440	43.9561	23:30	117	0.0051	5.0697	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	
23:45	80	0.0457	45.6822	23:45	117	0.0046	4.5972	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	



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

10/29/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/29/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/29/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/29/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	80	0.0475	47.5287	0:00	117	0.0043	4.2634	0:00	N/A	0	0.0000	0:00	52	0.0000	0.0000	
0:15	80	0.0455	45.5208	0:15	117	0.0045	4.5471	0:15	N/A	0	0.0000	0:15	52	0.0000	0.0000	
0:30	80	0.0434	43.3571	0:30	117	0.0049	4.8742	0:30	N/A	0	0.0000	0:30	52	0.0000	0.0000	
0:45	80	0.0434	43.4496	0:45	117	0.0046	4.6069	0:45	N/A	0	0.0000	0:45	52	0.0000	0.0000	
1:00	80	0.0426	42.6086	1:00	117	0.0044	4.4251	1:00	N/A	0	0.0000	1:00	52	0.0000	0.0000	
1:15	80	0.0430	43.0050	1:15	117	0.0044	4.4015	1:15	N/A	0	0.0000	1:15	52	0.0000	0.0000	
1:30	80	0.0435	43.5167	1:30	117	0.0040	3.9574	1:30	N/A	0	0.0000	1:30	52	0.0000	0.0000	
1:45	80	0.0436	43.5831	1:45	117	0.0034	3.3983	1:45	N/A	0	0.0000	1:45	52	0.0000	0.0000	
2:00	80	0.0436	43.5835	2:00	117	0.0039	3.8875	2:00	N/A	0	0.0000	2:00	52	0.0000	0.0000	
2:15	80	0.0438	43.8049	2:15	117	0.0039	3.8524	2:15	N/A	0	0.0000	2:15	52	0.0000	0.0000	
2:30	80	0.0439	43.9223	2:30	117	0.0033	3.3174	2:30	N/A	0	0.0000	2:30	52	0.0000	0.0000	
2:45	80	0.0441	44.0629	2:45	117	0.0034	3.4124	2:45	N/A	0	0.0000	2:45	52	0.0000	0.0000	
3:00	80	0.0453	45.2833	3:00	117	0.0038	3.8389	3:00	N/A	0	0.0000	3:00	52	0.0000	0.0000	
3:15	80	0.0454	45.3729	3:15	117	0.0038	3.7557	3:15	N/A	0	0.0000	3:15	52	0.0000	0.0000	
3:30	80	0.0456	45.6417	3:30	117	0.0047	4.7294	3:30	N/A	0	0.0000	3:30	52	0.0000	0.0000	
3:45	80	0.0449	44.8895	3:45	117	0.0042	4.1766	3:45	N/A	0	0.0000	3:45	52	0.0000	0.0000	
4:00	80	0.0450	45.0260	4:00	117	0.0029	2.8871	4:00	N/A	0	0.0000	4:00	52	0.0000	0.0000	
4:15	80	0.0467	46.6576	4:15	117	0.0028	2.8042	4:15	N/A	0	0.0000	4:15	52	0.0000	0.0000	
4:30	80	0.0469	46.8879	4:30	117	0.0031	3.1206	4:30	N/A	0	0.0000	4:30	52	0.0000	0.0000	
4:45	80	0.0477	47.7433	4:45	117	0.0029	2.8922	4:45	N/A	0	0.0000	4:45	52	0.0000	0.0000	
5:00	80	0.0476	47.5885	5:00	117	0.0028	2.7858	5:00	N/A	0	0.0000	5:00	52	0.0000	0.0000	
5:15	80	0.0485	48.5267	5:15	117	0.0032	3.1759	5:15	N/A	0	0.0000	5:15	52	0.0000	0.0000	
5:30	80	0.0478	47.8259	5:30	117	0.0024	2.3910	5:30	N/A	0	0.0000	5:30	52	0.0000	0.0000	
5:45	80	0.0497	49.6904	5:45	117	0.0027	2.6895	5:45	N/A	0	0.0000	5:45	52	0.0000	0.0000	
6:00	80	0.0499	49.9457	6:00	117	0.0024	2.4073	6:00	N/A	0	0.0000	6:00	52	0.0000	0.0000	
6:15	80	0.0517	51.7446	6:15	117	0.0023	2.2773	6:15	N/A	0	0.0000	6:15	52	0.0000	0.0000	
6:30	80	0.0520	51.9631	6:30	117	0.0010	1.0050	6:30	N/A	0	0.0000	6:30	52	0.0000	0.0000	
6:45	80	0.0508	50.8365	6:45	117	0.0018	1.7829	6:45	N/A	0	0.0000	6:45	52	0.0000	0.0000	
7:00	80	0.0532	53.2354	7:00	117	0.0018	1.8290	7:00	N/A	0	0.0000	7:00	52	0.0000	0.0000	
7:15	80	0.0518	51.8333	7:15	117	0.0019	1.8526	7:15	N/A	0	0.0000	7:15	52	0.0000	0.0000	
7:30	80	0.0530	53.0413	7:30	117	0.0022	2.1963	7:30	N/A	0	0.0000	7:30	52	0.0000	0.0000	
7:45	80	0.0538	53.7891	7:45	117	0.0017	1.7461	7:45	N/A	0	0.0000	7:45	52	0.0000	0.0000	
8:00	80	0.0546	54.5904	8:00	117	0.0013	1.3487	8:00	N/A	0	0.0000	8:00	52	0.0000	0.0000	
8:15	80	0.0555	55.4666	8:15	117	0.0019	1.8796	8:15	N/A	0	0.0000	8:15	52	0.0000	0.0000	
8:30	80	0.0560	56.0060	8:30	117	0.0025	2.4693	8:30	N/A	0	0.0000	8:30	52	0.0000	0.0000	
8:45	80	0.0572	57.2160	8:45	117	0.0024	2.4332	8:45	N/A	0	0.0000	8:45	52	0.0000	0.0000	
9:00	80	0.0593	59.2784	9:00	117	0.0031	3.0736	9:00	N/A	0	0.0000	9:00	52	0.0000	0.0000	
9:15	80	0.0597	59.6551	9:15	117	0.0042	4.1994	9:15	N/A	0	0.0000	9:15	52	0.0000	0.0000	
9:30	80	0.0609	60.9411	9:30	117	0.0042	4.2318	9:30	N/A	0	0.0000	9:30	52	0.0000	0.0000	
9:45	80	0.0610	60.9639	9:45	117	0.0068	6.8452	9:45	N/A	0	0.0000	9:45	52	0.0000	0.0000	
10:00	80	0.0607	60.6651	10:00	117	0.0061	6.1218	10:00	N/A	0	0.0000	10:00	52	0.0000	0.0000	
10:15	80	0.0600	59.9901	10:15	117	0.0052	5.2298	10:15	N/A	0	0.0000	10:15	52	0.0000	0.0000	
10:30	80	0.0596	59.5649	10:30	117	0.0040	3.9760	10:30	N/A	0	0.0000	10:30	52	0.0000	0.0000	
10:45	80	0.0612	61.1573	10:45	117	0.0015	1.4841	10:45	N/A	0	0.0000	10:45	52	0.0000	0.0000	
11:00	80	0.0572	57.2142	11:00	117	0.0000	0.0266	11:00	N/A	0	0.0000	11:00	52	0.0000	0.0000	
11:15	80	0.0525	52.4857	11:15	117	0.0044	4.4347	11:15	N/A	0	0.0000	11:15	52	0.0000	0.0000	
11:30	80	0.0523	52.2727	11:30	117	0.0120	12.0184	11:30	N/A	0	0.0000	11:30	52	0.0000	0.0000	

11:45	80	0.0517	51.7141	11:45	117	0.0121	12.0642	11:45	N/A	0	0.0000	11:45	52	0.0000	0.0000	
12:00	80	0.0512	51.1813	12:00	117	0.0116	11.5873	12:00	N/A	0	0.0000	12:00	52	0.0002	0.2311	
12:15	80	0.0507	50.7020	12:15	117	0.0124	12.4079	12:15	N/A	0	0.0000	12:15	52	0.0000	0.0000	
12:30	80	0.0497	49.7238	12:30	117	0.0141	14.1256	12:30	N/A	0	0.0000	12:30	52	0.0000	0.0000	
12:45	80	0.0478	47.8251	12:45	117	0.0123	12.3404	12:45	N/A	0	0.0000	12:45	52	0.0000	0.0000	
13:00	80	0.0476	47.5706	13:00	117	0.0115	11.4878	13:00	N/A	0	0.0000	13:00	52	0.0000	0.0000	
13:15	80	0.0504	50.4480	13:15	117	0.0122	12.1925	13:15	N/A	0	0.0000	13:15	52	0.0000	0.0000	
13:30	80	0.0469	46.8906	13:30	117	0.0129	12.8955	13:30	N/A	0	0.0000	13:30	52	0.0000	0.0000	
13:45	80	0.0459	45.8599	13:45	117	0.0163	16.3361	13:45	N/A	0	0.0000	13:45	52	0.0000	0.0000	
14:00	80	0.0452	45.2237	14:00	117	0.0200	19.9978	14:00	N/A	0	0.0000	14:00	52	0.0000	0.0000	
14:15	80	0.0429	42.8973	14:15	117	0.0193	19.3369	14:15	N/A	5.728E-05	0.0573	14:15	52	0.0000	0.0000	
14:30	80	0.0424	42.4431	14:30	117	0.0209	20.9168	14:30	N/A	0.0002345	0.2345	14:30	52	0.0000	0.0000	
14:45	80	0.0405	40.4856	14:45	117	0.0216	21.6319	14:45	N/A	0.0003572	0.3572	14:45	52	0.0000	0.0000	
15:00	80	0.0401	40.0911	15:00	117	0.0211	21.1259	15:00	N/A	0.0004926	0.4926	15:00	52	0.0000	0.0000	
15:15	80	0.0409	40.8875	15:15	117	0.0223	22.3336	15:15	N/A	0.0004655	0.4655	15:15	52	0.0000	0.0000	
15:30	80	0.0387	38.6730	15:30	117	0.0209	20.9013	15:30	N/A	0.0002303	0.2303	15:30	52	0.0000	0.0000	
15:45	80	0.0373	37.3058	15:45	117	0.0187	18.7483	15:45	N/A	0.0006476	0.6476	15:45	52	0.0000	0.0000	
16:00	80	0.0381	38.0792	16:00	117	0.0195	19.5269	16:00	N/A	0.001513	1.5130	16:00	52	0.0000	0.0000	
16:15	80	0.0384	38.4272	16:15	117	0.0196	19.5828	16:15	N/A	0.0016402	1.6402	16:15	52	0.0000	0.0000	
16:30	80	0.0404	40.4338	16:30	117	0.0210	21.0406	16:30	N/A	0.001898	1.8980	16:30	52	0.0000	0.0000	
16:45	80	0.0415	41.5329	16:45	117	0.0223	22.2747	16:45	N/A	0.0013598	1.3598	16:45	52	0.0000	0.0000	
17:00	80	0.0409	40.9319	17:00	117	0.0215	21.4774	17:00	N/A	0.0011686	1.1686	17:00	52	0.0000	0.0000	
17:15	80	0.0410	41.0277	17:15	117	0.0205	20.5334	17:15	N/A	0.0017105	1.7105	17:15	52	0.0000	0.0000	
17:30	80	0.0412	41.2275	17:30	117	0.0197	19.7214	17:30	N/A	0.001697	1.6970	17:30	52	0.0000	0.0000	
17:45	80	0.0423	42.3069	17:45	117	0.0190	18.9868	17:45	N/A	0.0018368	1.8368	17:45	52	0.0000	0.0000	
18:00	80	0.0445	44.4826	18:00	117	0.0178	17.8256	18:00	N/A	0.0018196	1.8196	18:00	52	0.0000	0.0000	
18:15	80	0.0464	46.4219	18:15	117	0.0144	14.4495	18:15	N/A	0.001579	1.5790	18:15	52	0.0000	0.0000	
18:30	80	0.0471	47.1180	18:30	117	0.0138	13.7794	18:30	N/A	0.00174	1.7400	18:30	52	0.0000	0.0000	
18:45	80	0.0491	49.0743	18:45	117	0.0137	13.7455	18:45	N/A	0.0022697	2.2697	18:45	52	0.0000	0.0000	
19:00	80	0.0520	51.9594	19:00	117	0.0142	14.2222	19:00	N/A	0.0027938	2.7938	19:00	52	0.0000	0.0000	
19:15	80	0.0547	54.6978	19:15	117	0.0134	13.3935	19:15	N/A	0.0024308	2.4308	19:15	52	0.0000	0.0000	
19:30	80	0.0567	56.6642	19:30	117	0.0126	12.5574	19:30	N/A	0.0020278	2.0278	19:30	52	0.0000	0.0000	
19:45	80	0.0585	58.5136	19:45	117	0.0115	11.5316	19:45	N/A	0.0019139	1.9139	19:45	52	0.0000	0.0000	
20:00	80	0.0600	60.0314	20:00	117	0.0103	10.2651	20:00	N/A	0.0012426	1.2426	20:00	52	0.0000	0.0000	
20:15	80	0.0614	61.4306	20:15	117	0.0098	9.7591	20:15	N/A	0.0008606	0.8606	20:15	52	0.0000	0.0000	
20:30	80	0.0616	61.6055	20:30	117	0.0092	9.1855	20:30	N/A	0.0010636	1.0636	20:30	52	0.0000	0.0000	
20:45	80	0.0638	63.7562	20:45	117	0.0089	8.9301	20:45	N/A	0.0010368	1.0368	20:45	52	0.0000	0.0000	
21:00	80	0.0631	63.1195	21:00	117	0.0089	8.8565	21:00	N/A	0.0005864	0.5864	21:00	52	0.0000	0.0000	
21:15	80	0.0647	64.7295	21:15	117	0.0076	7.6473	21:15	N/A	0.0007982	0.7982	21:15	52	0.0000	0.0000	
21:30	80	0.0639	63.9278	21:30	117	0.0085	8.4848	21:30	N/A	0.001522	1.5220	21:30	52	0.0000	0.0000	
21:45	80	0.0651	65.1276	21:45	117	0.0083	8.2856	21:45	N/A	0.0010767	1.0767	21:45	52	0.0000	0.0000	
22:00	80	0.0649	64.9192	22:00	117	0.0082	8.2060	22:00	N/A	0.0002085	0.2085	22:00	52	0.0000	0.0000	
22:15	80	0.0654	65.3699	22:15	117	0.0088	8.8172	22:15	N/A	4.548E-05	0.0455	22:15	52	0.0000	0.0000	
22:30	80	0.0688	68.8086	22:30	117	0.0076	7.5526	22:30	N/A	0.0001406	0.1406	22:30	52	0.0000	0.0000	
22:45	80	0.0672	67.2032	22:45	117	0.0071	7.1014	22:45	N/A	0	0.0000	22:45	52	0.0000	0.0000	
23:00	80	0.0675	67.4711	23:00	117	0.0083	8.2662	23:00	N/A	0	0.0000	23:00	52	0.0000	0.0000	
23:15	80	0.0693	69.3384	23:15	117	0.0079	7.8508	23:15	N/A	0	0.0000	23:15	52	0.0000	0.0000	
23:30	80	0.0762	76.1675	23:30	117	0.0066	6.5807	23:30	N/A	0	0.0000	23:30	52	0.0000	0.0000	
23:45	80	0.0691	69.0977	23:45	117	0.0063	6.3430	23:45	N/A	0	0.0000	23:45	52	0.0000	0.0000	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.26	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)																
10/30/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/30/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/30/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/30/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0711	71.1419	0:00	105	0.0060	6.0011	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0723	72.2961	0:15	105	0.0055	5.4869	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0697	69.7284	0:30	105	0.0054	5.4022	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0720	71.9820	0:45	105	0.0051	5.1368	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0711	71.1461	1:00	105	0.0043	4.2627	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0720	71.9661	1:15	105	0.0043	4.3243	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0709	70.8964	1:30	105	0.0045	4.4638	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0717	71.6905	1:45	105	0.0039	3.8654	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0695	69.5008	2:00	105	0.0038	3.7987	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0707	70.6963	2:15	105	0.0032	3.1540	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:20	88	0.0691	69.0948	2:30	105	0.0029	2.8830	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:25	88	0.0699	69.8653	2:45	105	0.0033	3.3149	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
2:30	88	0.0977	97.7145	3:00	105	0.0035	3.5304	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	* See Field Investigation Below
2:35	88	0.1999	199.8993	3:15	105	0.0028	2.8302	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	* See Field Investigation Below
2:40	88	0.1921	192.1397	3:30	105	0.0030	3.0257	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	* See Field Investigation Below
2:45	88	0.0000	0.0000	3:45	105	0.0039	3.9383	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
3:00	88	0.0118	11.8090	4:00	105	0.0039	3.8987	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
3:15	88	0.0774	77.4471	4:15	105	0.0036	3.6243	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
3:30	88	0.0697	69.6789	4:30	105	0.0025	2.5211	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
3:45	88	0.0711	71.1058	4:45	105	0.0027	2.6777	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
4:00	88	0.0697	69.6891	5:00	105	0.0024	2.3858	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
4:15	88	0.0712	71.1770	5:15	105	0.0048	4.7648	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
4:30	88	0.0714	71.3531	5:30	105	0.0033	3.3426	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
4:45	88	0.0745	74.4666	5:45	105	0.0037	3.7196	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
5:00	88	0.0751	75.1356	6:00	105	0.0034	3.3679	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
5:15	88	0.0738	73.7575	6:15	105	0.0027	2.7309	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
5:30	88	0.0719	71.8970	6:30	105	0.0029	2.9067	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
5:45	88	0.0727	72.7488	6:45	105	0.0024	2.3634	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
6:00	88	0.0714	71.4428	7:00	105	0.0015	1.4689	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
6:15	88	0.0737	73.7129	7:15	105	0.0005	0.5000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
6:30	88	0.0725	72.5028	7:30	105	0.0004	0.3689	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
6:45	88	0.0717	71.6922	7:45	105	0.0005	0.4926	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
7:00	88	0.0728	72.8405	8:00	105	0.0002	0.1912	8:00	N/A	2.814E-08	0.0000	8:00	57	0.0000	0.0000	
7:15	88	0.0736	73.6247	8:15	105	0.0006	0.6146	8:15	N/A	0.0004278	0.4278	8:15	57	0.0000	0.0000	
7:30	88	0.0729	72.9003	8:30	105	0.0016	1.6004	8:30	N/A	0.0023471	2.3471	8:30	57	0.0000	0.0000	
7:45	88	0.0732	73.1697	8:45	105	0.0001	0.1383	8:45	N/A	0.0015559	1.5559	8:45	57	0.0000	0.0000	
8:00	88	0.0730	72.9526	9:00	105	0.0000	0.0000	9:00	N/A	5.94E-05	0.0594	9:00	57	0.0000	0.0000	

8:15	88	0.0730	73.0309	9:15	105	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	57	0.0000	0.0000	
8:30	88	0.0748	74.8200	9:30	105	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	57	0.0000	0.0000	
8:45	88	0.0776	77.6086	9:45	105	0.0007	0.6878	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
9:00	88	0.0775	77.5281	10:00	105	0.0041	4.1339	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
9:15	88	0.0732	73.1760	10:15	105	0.0064	6.3546	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0000	
9:30	88	0.0668	66.8492	10:30	105	0.0089	8.8689	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0000	
9:45	88	0.0628	62.8092	10:45	105	0.0133	13.2603	10:45	N/A	0	0.0000	10:45	57	0.0000	0.0000	
10:00	88	0.0650	65.0466	11:00	105	0.0112	11.2471	11:00	N/A	0	0.0000	11:00	57	0.0000	0.0000	
10:15	88	0.0666	66.5631	11:15	105	0.0119	11.9418	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	
10:30	88	0.0675	67.4678	11:30	105	0.0118	11.7587	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	
10:45	88	0.0673	67.3059	11:45	105	0.0109	10.8735	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	
11:00	88	0.0653	65.3182	12:00	105	0.0115	11.5407	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
11:15	88	0.0627	62.6935	12:15	105	0.0113	11.3122	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
11:30	88	0.0628	62.7916	12:30	105	0.0109	10.9482	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0000	
11:45	88	0.0608	60.8485	12:45	105	0.0110	10.9874	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
12:00	88	0.0598	59.7746	13:00	105	0.0116	11.6409	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
12:15	88	0.0572	57.1603	13:15	105	0.0120	12.0363	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
12:30	88	0.0550	54.9885	13:30	105	0.0135	13.4549	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
12:45	88	0.0534	53.3710	13:45	105	0.0158	15.8467	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
13:00	88	0.0556	55.6335	14:00	105	0.0148	14.8451	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
13:15	88	0.0550	54.9722	14:15	105	0.0147	14.7257	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
13:30	88	0.0515	51.5052	14:30	105	0.0138	13.8078	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
13:45	88	0.0498	49.8378	14:45	105	0.0130	12.9712	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
14:00	88	0.0471	47.1356	15:00	105	0.0129	12.8627	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
14:15	88	0.0472	47.1692	15:15	105	0.0145	14.4997	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
14:30	88	0.0456	45.5809	15:30	105	0.0122	12.2019	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
14:45	88	0.0439	43.9387	15:45	105	0.0121	12.1153	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
15:00	88	0.0428	42.7522	16:00	105	0.0123	12.3039	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
15:15	88	0.0445	44.5274	16:15	105	0.0115	11.5314	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
15:30	88	0.0429	42.9010	16:30	105	0.0110	10.9888	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
15:45	88	0.0435	43.5083	16:45	105	0.0090	9.0224	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
16:00	88	0.0426	42.5921	17:00	105	0.0097	9.7397	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
16:15	88	0.0425	42.5391	17:15	105	0.0096	9.5624	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
16:30	88	0.0426	42.5908	17:30	105	0.0091	9.0773	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
16:45	88	0.0435	43.4835	17:45	105	0.0117	11.6729	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
17:00	88	0.0426	42.5983	18:00	105	0.0104	10.3942	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
17:15	88	0.0438	43.8267	18:15	105	0.0098	9.7681	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
17:30	88	0.0445	44.4566	18:30	105	0.0084	8.3797	18:30	N/A	1.088E-05	0.0109	18:30	57	0.0000	0.0000	
17:45	88	0.0463	46.2882	18:45	105	0.0077	7.7299	18:45	N/A	8.71E-05	0.0871	18:45	57	0.0000	0.0000	
18:00	88	0.0469	46.9474	19:00	105	0.0076	7.6274	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
18:15	88	0.0480	48.0394	19:15	105	0.0066	6.5756	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
18:30	88	0.0485	48.5370	19:30	105	0.0051	5.1402	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
18:45	88	0.0504	50.4307	19:45	105	0.0063	6.3290	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
19:00	88	0.0521	52.1371	20:00	105	0.0055	5.4920	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
19:15	88	0.0545	54.5082	20:15	105	0.0043	4.3122	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
19:30	88	0.0570	57.0489	20:30	105	0.0035	3.5259	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
19:45	88	0.0582	58.2102	20:45	105	0.0027	2.6680	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
20:00	88	0.0585	58.4598	21:00	105	0.0022	2.1859	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
20:15	88	0.0599	59.9177	21:15	105	0.0015	1.5132	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
20:30	88	0.0584	58.4129	21:30	105	0.0005	0.5149	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
20:45	88	0.0680	68.0426	21:45	105	0.0006	0.5613	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
21:00	88	0.0626	62.6052	22:00	105	0.0006	0.6303	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
21:15	88	0.0628	62.8180	22:15	105	0.0006	0.5819	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
21:30	88	0.0876	87.6313	22:30	105	0.0008	0.8212	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
21:45	88	0.0000	0.0000	22:45	105	0.0003	0.2616	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
22:00	88	0.0000	0.0000	23:00	105	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
22:15	88	0.0000	0.0000	23:15	105	0.0004	0.4208	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
22:30	88	0.0451	45.0965	23:30	105	0.0004	0.4088	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	

22:45	88	0.0659	65.8940	23:45	105	0.0000	0.0364	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	
23:00	88	0.0629	62.8928													
23:15	88	0.0651	65.1381													
23:30	88	0.0707	70.7176													
23:45	88	0.0692	69.1548													

* 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.
-----------------------	---

Continuous Air Monitoring System Action Level Revision History				
CAMS ID	Initial Action Level	Date	Reason for Revision.	
CAMS 01	56 ppbv	Original	NA	
CAMS 02	63 ppbv	Original	NA	
CAMS 03	NA	NA	NA	
CAMS 04	46 ppbv	Original	NA	
CAMS ID	Revised Action Level	Date	Reason for Revision.	
CAMS 01	62 ppbv	9/29/2023	Revision for August Actuations As Per Settlement Agreement	
CAMS 02	69 ppbv	9/29/2023	Revision for August Actuations As Per Settlement Agreement	
CAMS 04	53 ppbv	9/29/2023	Revision for August Actuations As Per Settlement Agreement	
CAMS 01	68 ppbv	10/26/2023	Revision for September Actuations As Per Settlement Agreement	
CAMS 02	76 ppbv	10/26/2023	Revision for September Actuations As Per Settlement Agreement	
CAMS 01	75 ppbv	11/28/2023	Revision for October Actuations As Per Settlement Agreement	
CAMS 02	84 ppbv	11/28/2023	Revision for October Actuations As Per Settlement Agreement	
CAMS 04	58 ppbv	11/28/2023	Revision for October Actuations As Per Settlement Agreement	
CAMS 01	83 ppbv	12/22/2023	Revision for November Actuations As Per Settlement Agreement	
CAMS 02	92 ppbv	1/30/2024	Revision for December Actuations As Per Settlement Agreement	
CAMS 04	52 ppbv	1/30/2024	Revision for December Actuations As Per Settlement Agreement	
CAMS 01	75 ppbv	2/29/2024	Revision for JanuaryActuations As Per Settlement Agreement	
CAMS 02	99 ppbv	2/29/2024	Revision for JanuaryActuations As Per Settlement Agreement	
CAMS 04	48 ppbv	2/29/2024	Revision for JanuaryActuations As Per Settlement Agreement	
CAMS 01	67 ppbv	3/27/2024	Revision for February Actuations As Per Settlement Agreement	
CAMS 02	108 ppbv	3/27/2024	Revision for February Actuations As Per Settlement Agreement	
CAMS 04	43 ppbv	3/27/2024	Revision for February Actuations As Per Settlement Agreement	
CAMS 01	60 ppbv	4/24/2024	Revision for March Actuations As Per Settlement Agreement	
CAMS 02	119 ppbv	4/24/2024	Revision for March Actuations As Per Settlement Agreement	
CAMS 04	39 ppbv	4/24/2024	Revision for March Actuations As Per Settlement Agreement	
CAMS 01	54 ppbv	5/24/2024	Revision for April Actuations As Per Settlement Agreement	
CAMS 02	131 ppbv	5/24/2024	Revision for April Actuations As Per Settlement Agreement	
CAMS 04	35 ppbv	5/24/2024	Revision for April Actuations As Per Settlement Agreement	
CAMS 01	60 ppbv	6/26/2024	Revision for May Actuations As Per Settlement Agreement	
CAMS 02	144 ppbv	6/26/2024	Revision for May Actuations As Per Settlement Agreement	
CAMS 04	39 ppbv	6/26/2024	Revision for May Actuations As Per Settlement Agreement	
CAMS 01	66 ppbv	7/30/2024	Revision for June Actuations As Per Settlement Agreement	
CAMS 04	43 ppbv	7/30/2024	Revision for June Actuations As Per Settlement Agreement	
CAMS 01	73 ppbv	8/27/2024	Revision for July Actuations As Per Settlement Agreement	
CAMS 02	130 ppbv	8/27/2024	Revision for July Actuations As Per Settlement Agreement	
CAMS 04	47 ppbv	8/27/2024	Revision for July Actuations As Per Settlement Agreement	
CAMS 01	80 ppbv	9/30/2024	Revision for August Actuations As Per Settlement Agreement	
CAMS 02	117 ppbv	9/30/2024	Revision for August Actuations As Per Settlement Agreement	
CAMS 04	52 ppbv	9/30/2024	Revision for August Actuations As Per Settlement Agreement	
CAMS 01	88 ppbv	10/30/2024	Revision for September Actuations As Per Settlement Agreement	

CAMS 02	105 ppbv	10/30/2024	Revision for September Actuations As Per Settlement Agreement
CAMS 04	57 ppbv	10/30/2024	Revision for September Actuations As Per Settlement Agreement



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

10/31/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	10/31/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	10/31/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	10/31/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0693	69.3483	0:00	105	0.0000	0.0226	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0643	64.3134	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0628	62.7656	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0639	63.9438	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0665	66.4735	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0684	68.4028	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0635	63.5177	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0646	64.6099	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0653	65.2702	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0630	62.9919	2:15	105	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0672	67.1780	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0649	64.8896	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0681	68.0551	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0683	68.3308	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0673	67.2957	3:30	105	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0681	68.1128	3:45	105	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0662	66.1924	4:00	105	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0655	65.4909	4:15	105	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0652	65.2251	4:30	105	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0666	66.5536	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0653	65.3350	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0642	64.1995	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0654	65.4276	5:30	105	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0657	65.6522	5:45	105	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0645	64.5028	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0669	66.8906	6:15	105	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0663	66.2995	6:30	105	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0656	65.5931	6:45	105	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0663	66.3050	7:00	105	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0673	67.2599	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0676	67.6106	7:30	105	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0679	67.9341	7:45	105	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0692	69.2389	8:00	105	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0698	69.7816	8:15	105	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0713	71.2979	8:30	105	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0703	70.2713	8:45	105	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	
9:00	88	0.0704	70.3863	9:00	105	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	57	0.0000	0.0000	
9:15	88	0.0682	68.1780	9:15	105	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	57	0.0000	0.0000	
9:30	88	0.0678	67.7843	9:30	105	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	57	0.0000	0.0000	
9:45	88	0.0703	70.2611	9:45	105	0.0000	0.0227	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0654	65.3911	10:00	105	0.0005	0.5027	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
10:15	88	0.0639	63.8762	10:15	105	0.0009	0.9030	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0000	
10:30	88	0.0648	64.7774	10:30	105	0.0047	4.6874	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0000	
10:45	88	0.0642	64.2304	10:45	105	0.0056	5.6428	10:45	N/A	0	0.0000	10:45	57	0.0000	0.0000	
11:00	88	0.0636	63.5738	11:00	105	0.0066	6.5578	11:00	N/A	5.235E-05	0.0524	11:00	57	0.0000	0.0000	
11:15	88	0.0628	62.7768	11:15	105	0.0059	5.8581	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	
11:30	88	0.0605	60.4550	11:30	105	0.0069	6.8560	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	

11:45	88	0.0597	59.6720	11:45	105	0.0073	7.2930	11:45	N/A	0.0001028	0.1028	11:45	57	0.0000	0.0000	
12:00	88	0.0572	57.1843	12:00	105	0.0071	7.1229	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0546	54.6265	12:15	105	0.0067	6.7173	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0526	52.5983	12:30	105	0.0063	6.2808	12:30	N/A	5.979E-05	0.0598	12:30	57	0.0000	0.0000	
12:45	88	0.0521	52.0551	12:45	105	0.0083	8.3034	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
13:00	88	0.0513	51.2833	13:00	105	0.0075	7.4738	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0500	50.0129	13:15	105	0.0070	7.0092	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0504	50.4364	13:30	105	0.0067	6.6795	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0500	49.9818	13:45	105	0.0076	7.5582	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0491	49.0943	14:00	105	0.0076	7.5852	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0481	48.0788	14:15	105	0.0069	6.9366	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0471	47.1373	14:30	105	0.0071	7.0630	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0477	47.7484	14:45	105	0.0065	6.5442	14:45	N/A	3.639E-05	0.0364	14:45	57	0.0000	0.0000	
15:00	88	0.0479	47.9378	15:00	105	0.0061	6.1372	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0466	46.6024	15:15	105	0.0071	7.0872	15:15	N/A	9.895E-05	0.0990	15:15	57	0.0000	0.0000	
15:30	88	0.0470	47.0086	15:30	105	0.0069	6.9080	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0468	46.8361	15:45	105	0.0076	7.5971	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0464	46.4475	16:00	105	0.0084	8.3593	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0459	45.8893	16:15	105	0.0092	9.2070	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0446	44.6000	16:30	105	0.0092	9.1959	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0448	44.8427	16:45	105	0.0084	8.3969	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0453	45.2871	17:00	105	0.0074	7.4272	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0454	45.3886	17:15	105	0.0063	6.3289	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0457	45.7432	17:30	105	0.0054	5.3942	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0471	47.0645	17:45	105	0.0048	4.7531	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0481	48.1121	18:00	105	0.0043	4.2948	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0495	49.4708	18:15	105	0.0045	4.4640	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0514	51.4063	18:30	105	0.0045	4.4861	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0533	53.3253	18:45	105	0.0034	3.4379	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0547	54.6829	19:00	105	0.0036	3.6431	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0564	56.3950	19:15	105	0.0032	3.2010	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0580	57.9665	19:30	105	0.0036	3.5567	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0592	59.1574	19:45	105	0.0036	3.5517	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0605	60.5471	20:00	105	0.0027	2.7417	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0616	61.6017	20:15	105	0.0031	3.0770	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0625	62.5275	20:30	105	0.0029	2.8864	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0631	63.1189	20:45	105	0.0030	2.9592	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0639	63.8714	21:00	105	0.0030	2.9738	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0646	64.6101	21:15	105	0.0027	2.6516	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0654	65.3612	21:30	105	0.0025	2.4983	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0661	66.1207	21:45	105	0.0026	2.5542	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0675	67.5165	22:00	105	0.0030	3.0309	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0676	67.6076	22:15	105	0.0038	3.7899	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0645	64.4888	22:30	105	0.0025	2.5124	22:30	N/A	9.291E-05	0.0929	22:30	57	0.0000	0.0000	
22:45	88	0.0623	62.2601	22:45	105	0.0007	0.6538	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0618	61.8445	23:00	105	0.0001	0.0847	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0602	60.2306	23:15	105	0.0000	0.0000	23:15	N/A	2.901E-05	0.0290	23:15	57	0.0000	0.0000	
23:30	88	0.0601	60.1462	23:30	105	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0626	62.6239	23:45	105	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	