



Shell Chemical Appalachia LLC
300 Frankfort Rd
Monaca, PA 15061

December 12, 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 December 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 November 2024 (see COA Exhibit A).
- Emission factors, assumptions, and calculation protocol.
- Malfunctions through November 2024.
- Fence Line Monitoring data for November 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
Operations 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 December 11, 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: $\text{FUEL GAS MASS} - \text{H}_2 (\text{WT}\%) / 100] * \text{S CONTENT} (\text{WT}\%) / 100 * \text{MW SO}_2 / \text{MW S}$. - 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. - 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: $\text{FUEL GAS MASS} * \text{C CONTENT} (\text{WT}\%) / 100 * \text{MW CO}_2 / \text{MW C}$. - 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: $\text{NG FUEL MASS} * \text{S CONTENT NG} (\text{WT}\%) / 100 * \text{MW SO}_2 / \text{MW S}$. - 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: $\text{NG FUEL MASS} * \text{C CONTENT} (\text{WT}\%) / 100 * \text{MW CO}_2 / \text{MW C}$. - 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> - 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)	- NOx, CO, PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. - n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf - SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $\text{NG FUEL MASS} * \text{S CONTENT NG (WT\%)} / 100 * \text{MW SO}_2 / \text{MW S}$. - H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, “Fuel Oil Combustion”, 5/2010. - CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $\text{NG FUEL MASS} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C}$. - CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. - N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas.	PI Inputs - Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density - Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) - Natural Gas Composition C1 – C6+ (%mol) - Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf Calculated/Miscellaneous Inputs - Pilot Heat Rate: Constant at 0.5023 MMBtu/hr based on design specifications - Natural Gas Mass: Calculated using Pilot Heat Input, HHV of Natural Gas - Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition
204: Low Pressure (LP) Header System Multipoint Ground Flare (MPGF) PE 1/PE 2 Episodic Header (Supplemental gas added with vent gas if needed)	- 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: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf - CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C} * \text{DRE}$. - 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 atoms, Texas Commission on Environmental Quality Air Permits Division, “New Source Review (NSR) Emission Calculations” (APD-ID 6v1, Revised March 2021).	PI Inputs - Vent Gas Mass to Flare – MPGF PE1/PE2 Header (kg/hr) - Supplemental Natural Gas Flow to Flare (Nm3/hr). - Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) - Total Vent Gas to Flare Composition (% mol), includes supplemental natural gas - Total Vent Gas to Flare Sulfur Content (% wt), includes supplemental natural gas Calculated/Miscellaneous Inputs - Molecular Weight of Total Vent Gas to Flare: Total Vent Gas to Flare Composition and Standard Molecular Weight of Constituents - HHV of Total Vent Gas to Flare: Total Vent Gas to Flare Composition and Standard Heat of Combustion for Constituents - Supplemental Natural Gas Mass: Supplemental Natural Gas to Flare (Nm3/hr) and natural gas density derived from specific gravity of natural gas - Total Vent Gas Mass to Flare: Vent Gas Mass to Flare + Supplemental Natural Gas Mass. Note that starting on 4/22/2024 at 10:00, the supplemental natural gas is included in the Vent Gas Mass to Flare PI Tag. % Carbon by weight: Total Vent Gas to Flare Composition - Heat Input of Total Vent Gas to Flare: Total Vent Gas Mass to Flare and HHV of Vent Gas to Flare
204: Low Pressure (LP) Header System Multipoint Ground Flare (MPGF) Ethylene Storage Tank Header	- 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: No Sulfur in Vent Gas. - PM-filt, PM-cond, PM10, PM2.5, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. - n-Hexane: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf - CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C} * \text{DRE}$. - CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. - N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. - Flare DRE: 99% DRE for compounds containing three (3) or fewer carbon atoms and 98% for compounds with greater than three (3) carbon atoms, Texas Commission on Environmental Quality Air Permits Division, “New Source Review (NSR) Emission Calculations” (APD-ID 6v1, Revised March 2021).	PI Inputs - Vent Gas Mass to Flare – MPGF Ethylene Tank Header (kg/hr) Calculated/Miscellaneous Inputs - Up through September 17, 2024 22:00, waste gas 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. Starting September 17, 2024 23:00, BOG compressor emissions re-routed to HP Flare System, and therefore, waste gas composition to MPGF header now 100% ethylene. - Natural gas supplementation started at 3/20/2024 at 9:36 – assume 10:00 for calculations. The continuous rate of natural gas addition is estimated at 160 kg/hr. Natural gas supplementation removed on October 2, 2024 0:00.

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	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: 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. 6. Waste Gas HAPS from LGO/PFO Storage Tank Releases: ProMax derived emission factor. 7. CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C} * \text{DRE}$. 8. CH4: Material balance based on quantity of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{CH}_4 \text{ CONTENT (WT\%)} / 100 * (1 - \text{DRE})$. 9. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. 10. 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> 1. Vent Gas Mass to Flare – MPGF CVTO Trip Header (kg/hr) 2. CVTO/MPGF CVTO Trip Header Vent Gas to Flare Composition (% mol) 3. CVTO/MPGF CVTO Trip Header Vent Gas Sulfur Content (% wt) 4. PE 1 and PE 2 VGR Mass Flow (kg/hr) 5. PE 1 and PE 2 VGR C6 inert composition (% mol) 6. LGO/PFO Blower Run Status <u>Calculated/Miscellaneous Inputs</u> 1. Molecular Weight of CVTO/MPGF CVTO Trip Header Vent Gas: CVTO/MPGF Header 3 Vent Gas Composition and Standard Molecular Weight of Constituents. 2. HHV of CVTO/MPGF CVTO Trip Header Vent Gas: CVTO/MPGF Header 3 Vent Gas Composition and Standard Heat of Combustion for Constituents. 3. % Carbon by weight: CVTO/MPGF CVTO Trip Header Vent Gas Composition 4. 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)	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 2.47 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

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	- NOx: 0.068 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. - CO: 0.0824 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. - 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. - 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. - VOC: 0.0463 lb/MMBtu based on 3.2 g/Nm3 VOC and 99.9% DRE, design basis. [Feb. 2020 Update Plan Approval Application] - HAPS: Assumed to be equal to VOC [Feb. 2020 Update Plan Approval Application] - 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. - SO2: 0.0879 lb/MMBtu based on 0.05 g/Nm3 H2S, design basis. [Feb. 2020 Update Plan Approval Application] - 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: 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] - 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. - Thermal Oxidizer DRE: 99.9% John Zink Design Specification, 7/12/2017.	<u>Calculated/Miscellaneous Inputs</u> - Heat Rate: 0.7 MMBtu/hr [Design Basis Heat Input from VOC for Process Vents excluding WEMCO/EC-15 Units] - 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)	- NOx: 0.068 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. - CO: 0.0824 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. - 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. - 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, - 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 Flow Rate (Nm3/hr) - Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density - Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) - Natural Gas Composition C1 – C6+ (%mol) - Natural Gas Sulfur (S) Content (ppmv), converted to wt %by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <u>Calculated/Miscellaneous Inputs</u> - Natural Gas Mass: Calculated using Natural Gas Flow Rate and Density of Natural Gas - Heat Rate (MMBtu/hr): Natural Gas Mass and Natural Gas HHV - Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
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 or ProMax Simulation software. 2. Diesel VOC: VOC and HAP: AP-42 Chapter 7.1, “Organic Liquid Storage Tanks”, 6/2020. Insignificant emissions.	<u>Calculated/Miscellaneous Inputs</u> 1. Diesel fuel throughput
501: Equipment Components	1. VOC, CH4, HAP (unmonitored): EPA Protocol for Equipment Leak Emission Estimates Chapter 2.3 November 1995. SOCM I Average Emission Factors (lb/hr/src) * Equipment Type Count (src) * Chemical Composition (wt%VOC/CH4/HAP) * Operating Hours (hr). 2. VOC, CH4, HAP (monitored): EPA Protocol for Equipment Leak Emission Estimates Chapter 2.3 November 1995. SOCM I Leak Rate/Screening Value Correlation Equations, Leak Rate (lb) = Correlation Factor (lb/hr/src/ppm) * Screening Value Factor (ppm) * Equipment Type Count (src) * Chemical Composition (wt%VOC/CH4/HAP) * Operating Hours (hr).	<u>Calculated/Miscellaneous Inputs</u> 1. Monitored leak rates into Skybridge (ppm) 2. Stream composition data from engineering heat and material balance (wt% VOC, HAP, CH4)
502: Wastewater Treatment Plant	USEPA Water9, Version 3 (or similar)	<u>PI Inputs</u> 1. Wastewater flow rate to Biotreaters A/B <u>Calculated/Miscellaneous Inputs</u> 1. Wastewater composition data from laboratories. 2. Various Water 9 Inputs on stream characteristics and unit dimensions/data provided by Operations.
503: Plant Roadways	PM-filt, PM10, PM2.5: AP-42, Chapter 13.2.1, “Paved Roads”, 1/2011 using the following Equation: Emission Factor (lb/VMT) = $k (sL)^{0.91} (W)^{1.02} (1 - P/(4*N))$. - 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: December 10, 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

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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
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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
MAL86	ECU/UGF	PFO Tank Odor detected Offsite	11/6/2024	02:49	11/6/2024	04:05	11/6/2024	12/5/2024
MAL87	ECU/UGF	ECU AC Reactor Upset- Furnace NOx Exceedances, Flaring Excess Emissions, and HPEF/TEGF A/B VE	11/8/2024	14:30	11/12/2024	16:00	11/8/2024	12/9/2024



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
1	11/6/2024	0.07	µg/m3	Naphthalene	
1	11/6/2024	0.14	µg/m3	1,3-Butadiene	
1	11/6/2024	0.48	µg/m3	Benzene	
1	11/6/2024	0.69	µg/m3	Toluene	
1	11/6/2024	0.52	µg/m3	n-Hexane	
1BLK	11/6/2024	0.07	µg/m3	Naphthalene	
1BLK	11/6/2024	0.14	µg/m3	1,3-Butadiene	
1BLK	11/6/2024	0.19	µg/m3	Benzene	
1BLK	11/6/2024	0.24	µg/m3	Toluene	
1BLK	11/6/2024	0.22	µg/m3	n-Hexane	
2	11/6/2024	0.07	µg/m3	Naphthalene	
2	11/6/2024	0.14	µg/m3	1,3-Butadiene	
2	11/6/2024	0.53	µg/m3	Benzene	
2	11/6/2024	0.60	µg/m3	Toluene	
2	11/6/2024	0.40	µg/m3	n-Hexane	
3	11/6/2024	0.07	µg/m3	Naphthalene	
3	11/6/2024	0.14	µg/m3	1,3-Butadiene	
3	11/6/2024	0.46	µg/m3	Benzene	
3	11/6/2024	0.56	µg/m3	Toluene	
3	11/6/2024	0.41	µg/m3	n-Hexane	
4	11/6/2024	0.07	µg/m3	Naphthalene	
4	11/6/2024	0.14	µg/m3	1,3-Butadiene	
4	11/6/2024	0.54	µg/m3	Benzene	
4	11/6/2024	0.61	µg/m3	Toluene	
4	11/6/2024	0.39	µg/m3	n-Hexane	
5	11/6/2024	0.07	µg/m3	Naphthalene	
5	11/6/2024	0.14	µg/m3	1,3-Butadiene	
5	11/6/2024	0.53	µg/m3	Benzene	
5	11/6/2024	0.63	µg/m3	Toluene	
5	11/6/2024	0.40	µg/m3	n-Hexane	
6	11/6/2024	0.07	µg/m3	Naphthalene	
6	11/6/2024	0.14	µg/m3	1,3-Butadiene	
6	11/6/2024	0.53	µg/m3	Benzene	
6	11/6/2024	0.57	µg/m3	Toluene	
6	11/6/2024	0.40	µg/m3	n-Hexane	
7	11/6/2024	0.07	µg/m3	Naphthalene	
7	11/6/2024	0.14	µg/m3	1,3-Butadiene	
7	11/6/2024	0.70	µg/m3	Benzene	
7	11/6/2024	0.71	µg/m3	Toluene	
7	11/6/2024	0.40	µg/m3	n-Hexane	
8	11/6/2024	0.07	µg/m3	Naphthalene	
8	11/6/2024	0.14	µg/m3	1,3-Butadiene	
8	11/6/2024	0.57	µg/m3	Benzene	
8	11/6/2024	0.74	µg/m3	Toluene	
8	11/6/2024	0.45	µg/m3	n-Hexane	
9	11/6/2024	0.1	µg/m3	Naphthalene	
9	11/6/2024	0.14	µg/m3	1,3-Butadiene	
9	11/6/2024	0.54	µg/m3	Benzene	
9	11/6/2024	0.55	µg/m3	Toluene	
9	11/6/2024	0.44	µg/m3	n-Hexane	
10	11/6/2024	0.08	µg/m3	Naphthalene	
10	11/6/2024	0.14	µg/m3	1,3-Butadiene	
10	11/6/2024	0.72	µg/m3	Benzene	
10	11/6/2024	1.5	µg/m3	Toluene	
10	11/6/2024	0.90	µg/m3	n-Hexane	
11	11/6/2024	0.08	µg/m3	Naphthalene	
11	11/6/2024	0.14	µg/m3	1,3-Butadiene	
11	11/6/2024	0.45	µg/m3	Benzene	
11	11/6/2024	0.57	µg/m3	Toluene	
11	11/6/2024	0.42	µg/m3	n-Hexane	
11DUP	11/6/2024	0.07	µg/m3	Naphthalene	
11DUP	11/6/2024	0.14	µg/m3	1,3-Butadiene	
11DUP	11/6/2024	0.46	µg/m3	Benzene	
11DUP	11/6/2024	0.54	µg/m3	Toluene	
11DUP	11/6/2024	0.40	µg/m3	n-Hexane	
12	11/6/2024	0.07	µg/m3	Naphthalene	
12	11/6/2024	0.14	µg/m3	1,3-Butadiene	
12	11/6/2024	0.54	µg/m3	Benzene	



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
12	11/6/2024	0.52	µg/m3	Toluene	
12	11/6/2024	0.37	µg/m3	n-Hexane	
12BLK	11/6/2024	0.07	µg/m3	Naphthalene	
12BLK	11/6/2024	0.14	µg/m3	1,3-Butadiene	
12BLK	11/6/2024	0.19	µg/m3	Benzene	
12BLK	11/6/2024	0.24	µg/m3	Toluene	
12BLK	11/6/2024	0.22	µg/m3	n-Hexane	
13	11/6/2024	0.08	µg/m3	Naphthalene	
13	11/6/2024	0.14	µg/m3	1,3-Butadiene	
13	11/6/2024	0.49	µg/m3	Benzene	
13	11/6/2024	0.54	µg/m3	Toluene	
13	11/6/2024	0.36	µg/m3	n-Hexane	
14	11/6/2024	0.09	µg/m3	Naphthalene	
14	11/6/2024	0.14	µg/m3	1,3-Butadiene	
14	11/6/2024	0.62	µg/m3	Benzene	
14	11/6/2024	0.75	µg/m3	Toluene	
14	11/6/2024	0.38	µg/m3	n-Hexane	
14DUP	11/6/2024	0.08	µg/m3	Naphthalene	
14DUP	11/6/2024	0.14	µg/m3	1,3-Butadiene	
14DUP	11/6/2024	0.67	µg/m3	Benzene	
14DUP	11/6/2024	0.77	µg/m3	Toluene	
14DUP	11/6/2024	0.39	µg/m3	n-Hexane	
15	11/6/2024	0.09	µg/m3	Naphthalene	
15	11/6/2024	0.14	µg/m3	1,3-Butadiene	
15	11/6/2024	0.61	µg/m3	Benzene	
15	11/6/2024	0.68	µg/m3	Toluene	
15	11/6/2024	0.39	µg/m3	n-Hexane	
16	11/6/2024	0.07	µg/m3	Naphthalene	
16	11/6/2024	0.14	µg/m3	1,3-Butadiene	
16	11/6/2024	0.51	µg/m3	Benzene	
16	11/6/2024	0.63	µg/m3	Toluene	
16	11/6/2024	0.37	µg/m3	n-Hexane	
17	11/6/2024	0.07	µg/m3	Naphthalene	
17	11/6/2024	0.14	µg/m3	1,3-Butadiene	
17	11/6/2024	0.53	µg/m3	Benzene	
17	11/6/2024	0.75	µg/m3	Toluene	
17	11/6/2024	0.42	µg/m3	n-Hexane	
18	11/6/2024	0.08	µg/m3	Naphthalene	
18	11/6/2024	0.14	µg/m3	1,3-Butadiene	
18	11/6/2024	0.59	µg/m3	Benzene	
18	11/6/2024	0.81	µg/m3	Toluene	
18	11/6/2024	0.46	µg/m3	n-Hexane	
19	11/6/2024	0.08	µg/m3	Naphthalene	
19	11/6/2024	0.14	µg/m3	1,3-Butadiene	
19	11/6/2024	0.56	µg/m3	Benzene	
19	11/6/2024	0.81	µg/m3	Toluene	
19	11/6/2024	0.50	µg/m3	n-Hexane	
20	11/6/2024	0.07	µg/m3	Naphthalene	
20	11/6/2024	0.14	µg/m3	1,3-Butadiene	
20	11/6/2024	0.60	µg/m3	Benzene	
20	11/6/2024	0.94	µg/m3	Toluene	
20	11/6/2024	0.58	µg/m3	n-Hexane	
		High Benzene Reading µg/m3:	0.72		
		Low Benzene Reading µg/m3:	0.45		
		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	11/20/2024	0.07	µg/m3	Naphthalene	
1	11/20/2024	0.14	µg/m3	1,3-Butadiene	
1	11/20/2024	0.70	µg/m3	Benzene	
1	11/20/2024	0.66	µg/m3	Toluene	
1	11/20/2024	0.43	µg/m3	n-Hexane	
1BLK	11/20/2024	0.07	µg/m3	Naphthalene	
1BLK	11/20/2024	0.14	µg/m3	1,3-Butadiene	
1BLK	11/20/2024	0.19	µg/m3	Benzene	
1BLK	11/20/2024	0.24	µg/m3	Toluene	
1BLK	11/20/2024	0.23	µg/m3	n-Hexane	
2	11/20/2024	0.07	µg/m3	Naphthalene	
2	11/20/2024	0.14	µg/m3	1,3-Butadiene	
2	11/20/2024	0.64	µg/m3	Benzene	
2	11/20/2024	0.64	µg/m3	Toluene	
2	11/20/2024	0.36	µg/m3	n-Hexane	
3	11/20/2024	0.07	µg/m3	Naphthalene	
3	11/20/2024	0.14	µg/m3	1,3-Butadiene	
3	11/20/2024	0.63	µg/m3	Benzene	
3	11/20/2024	0.54	µg/m3	Toluene	
3	11/20/2024	0.43	µg/m3	n-Hexane	
4	11/20/2024	0.07	µg/m3	Naphthalene	
4	11/20/2024	0.14	µg/m3	1,3-Butadiene	
4	11/20/2024	0.84	µg/m3	Benzene	
4	11/20/2024	0.74	µg/m3	Toluene	
4	11/20/2024	0.39	µg/m3	n-Hexane	
5	11/20/2024	0.07	µg/m3	Naphthalene	
5	11/20/2024	0.14	µg/m3	1,3-Butadiene	
5	11/20/2024	0.56	µg/m3	Benzene	
5	11/20/2024	0.58	µg/m3	Toluene	
5	11/20/2024	0.41	µg/m3	n-Hexane	
6	11/20/2024	0.07	µg/m3	Naphthalene	
6	11/20/2024	0.14	µg/m3	1,3-Butadiene	
6	11/20/2024	0.58	µg/m3	Benzene	
6	11/20/2024	0.53	µg/m3	Toluene	
6	11/20/2024	0.42	µg/m3	n-Hexane	
7	11/20/2024	0.07	µg/m3	Naphthalene	
7	11/20/2024	0.14	µg/m3	1,3-Butadiene	
7	11/20/2024	0.64	µg/m3	Benzene	
7	11/20/2024	0.62	µg/m3	Toluene	
7	11/20/2024	0.40	µg/m3	n-Hexane	
8	11/20/2024	0.07	µg/m3	Naphthalene	
8	11/20/2024	0.14	µg/m3	1,3-Butadiene	
8	11/20/2024	0.73	µg/m3	Benzene	
8	11/20/2024	0.93	µg/m3	Toluene	
8	11/20/2024	0.48	µg/m3	n-Hexane	
9	11/20/2024	0.07	µg/m3	Naphthalene	
9	11/20/2024	0.14	µg/m3	1,3-Butadiene	
9	11/20/2024	0.56	µg/m3	Benzene	
9	11/20/2024	0.52	µg/m3	Toluene	
9	11/20/2024	0.39	µg/m3	n-Hexane	
10	11/20/2024	0.09	µg/m3	Naphthalene	
10	11/20/2024	0.14	µg/m3	1,3-Butadiene	
10	11/20/2024	0.70	µg/m3	Benzene	
10	11/20/2024	0.82	µg/m3	Toluene	
10	11/20/2024	0.57	µg/m3	n-Hexane	
11	11/20/2024	0.07	µg/m3	Naphthalene	
11	11/20/2024	0.14	µg/m3	1,3-Butadiene	
11	11/20/2024	0.55	µg/m3	Benzene	
11	11/20/2024	0.47	µg/m3	Toluene	
11	11/20/2024	0.34	µg/m3	n-Hexane	
11DUP	11/20/2024	0.07	µg/m3	Naphthalene	
11DUP	11/20/2024	0.14	µg/m3	1,3-Butadiene	
11DUP	11/20/2024	0.54	µg/m3	Benzene	
11DUP	11/20/2024	0.43	µg/m3	Toluene	
11DUP	11/20/2024	0.32	µg/m3	n-Hexane	
12	11/20/2024	0.07	µg/m3	Naphthalene	
12	11/20/2024	0.14	µg/m3	1,3-Butadiene	
12	11/20/2024	0.81	µg/m3	Benzene	



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
12	11/20/2024	0.64	µg/m3	Toluene	
12	11/20/2024	0.36	µg/m3	n-Hexane	
12BLK	11/20/2024	0.07	µg/m3	Naphthalene	
12BLK	11/20/2024	0.14	µg/m3	1,3-Butadiene	
12BLK	11/20/2024	0.19	µg/m3	Benzene	
12BLK	11/20/2024	0.24	µg/m3	Toluene	
12BLK	11/20/2024	0.23	µg/m3	n-Hexane	
13	11/20/2024	0.07	µg/m3	Naphthalene	
13	11/20/2024	0.14	µg/m3	1,3-Butadiene	
13	11/20/2024	0.59	µg/m3	Benzene	
13	11/20/2024	0.47	µg/m3	Toluene	
13	11/20/2024	0.32	µg/m3	n-Hexane	
14	11/20/2024	0.07	µg/m3	Naphthalene	
14	11/20/2024	0.14	µg/m3	1,3-Butadiene	
14	11/20/2024	0.58	µg/m3	Benzene	
14	11/20/2024	0.56	µg/m3	Toluene	
14	11/20/2024	0.34	µg/m3	n-Hexane	
14DUP	11/20/2024	0.07	µg/m3	Naphthalene	
14DUP	11/20/2024	0.14	µg/m3	1,3-Butadiene	
14DUP	11/20/2024	0.56	µg/m3	Benzene	
14DUP	11/20/2024	0.55	µg/m3	Toluene	
14DUP	11/20/2024	0.35	µg/m3	n-Hexane	
15	11/20/2024	0.07	µg/m3	Naphthalene	
15	11/20/2024	0.14	µg/m3	1,3-Butadiene	
15	11/20/2024	0.59	µg/m3	Benzene	
15	11/20/2024	0.52	µg/m3	Toluene	
15	11/20/2024	0.36	µg/m3	n-Hexane	
16	11/20/2024	0.07	µg/m3	Naphthalene	
16	11/20/2024	0.14	µg/m3	1,3-Butadiene	
16	11/20/2024	0.56	µg/m3	Benzene	
16	11/20/2024	0.55	µg/m3	Toluene	
16	11/20/2024	0.40	µg/m3	n-Hexane	
17	11/20/2024	0.07	µg/m3	Naphthalene	
17	11/20/2024	0.14	µg/m3	1,3-Butadiene	
17	11/20/2024	0.66	µg/m3	Benzene	
17	11/20/2024	0.66	µg/m3	Toluene	
17	11/20/2024	0.40	µg/m3	n-Hexane	
18	11/20/2024	0.08	µg/m3	Naphthalene	
18	11/20/2024	0.14	µg/m3	1,3-Butadiene	
18	11/20/2024	0.63	µg/m3	Benzene	
18	11/20/2024	0.66	µg/m3	Toluene	
18	11/20/2024	0.44	µg/m3	n-Hexane	
19	11/20/2024	0.07	µg/m3	Naphthalene	
19	11/20/2024	0.14	µg/m3	1,3-Butadiene	
19	11/20/2024	0.62	µg/m3	Benzene	
19	11/20/2024	0.57	µg/m3	Toluene	
19	11/20/2024	0.38	µg/m3	n-Hexane	
20	11/20/2024	0.07	µg/m3	Naphthalene	
20	11/20/2024	0.14	µg/m3	1,3-Butadiene	
20	11/20/2024	0.77	µg/m3	Benzene	
20	11/20/2024	0.69	µg/m3	Toluene	
20	11/20/2024	0.46	µg/m3	n-Hexane	
		High Benzene Reading µg/m3:	0.84		
		Low Benzene Reading µg/m3:	0.54		
		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)

11/01/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/01/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/01/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/01/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0637	63.7019	0:00	105	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0645	64.5145	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0658	65.7984	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0652	65.2163	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0654	65.3807	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0655	65.4731	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0662	66.2162	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0672	67.1729	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0680	67.9623	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0682	68.2201	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	67.1623	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0662	66.1602	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0673	67.3425	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0684	68.3872	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0678	67.7871	3:30	105	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0674	67.3710	3:45	105	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0678	67.7703	4:00	105	0.0000	0.0195	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0689	68.8658	4:15	105	0.0005	0.4523	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0699	69.9352	4:30	105	0.0009	0.9121	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0697	69.7349	4:45	105	0.0010	1.0331	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0701	70.1437	5:00	105	0.0019	1.9276	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0704	70.3678	5:15	105	0.0022	2.2154	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0697	69.6903	5:30	105	0.0023	2.3328	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0696	69.6187	5:45	105	0.0019	1.9210	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0680	67.9624	6:00	105	0.0016	1.6092	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0674	67.3967	6:15	105	0.0017	1.7184	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0673	67.3201	6:30	105	0.0039	3.9295	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0665	66.5147	6:45	105	0.0045	4.4972	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0637	63.6651	7:00	105	0.0034	3.3841	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0623	62.3120	7:15	105	0.0034	3.3515	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0616	61.5546	7:30	105	0.0031	3.1478	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0597	59.6703	7:45	105	0.0036	3.6378	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0589	58.9013	8:00	105	0.0037	3.6937	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0578	57.7833	8:15	105	0.0035	3.5455	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0563	56.3013	8:30	105	0.0034	3.3688	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0546	54.5747	8:45	105	0.0023	2.3483	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	
9:00	88	0.0535	53.4986	9:00	105	0.0013	1.2673	9:00	N/A	0	0.0000	9:00	57	0.0000	0.0000	
9:15	88	0.0526	52.6378	9:15	105	0.0013	1.2926	9:15	N/A	0	0.0000	9:15	57	0.0000	0.0047	
9:30	88	0.0515	51.5322	9:30	105	0.0018	1.8223	9:30	N/A	0	0.0000	9:30	57	0.0002	0.1565	
9:45	88	0.0496	49.6372	9:45	105	0.0017	1.6528	9:45	N/A	0	0.0000	9:45	57	0.0002	0.2248	
10:00	88	0.0494	49.4448	10:00	105	0.0016	1.6276	10:00	N/A	0	0.0000	10:00	57	0.0002	0.2214	
10:15	88	0.0468	46.7672	10:15	105	0.0011	1.1275	10:15	N/A	0	0.0000	10:15	57	0.0004	0.3645	
10:30	88	0.0439	43.9131	10:30	105	0.0015	1.4826	10:30	N/A	0	0.0000	10:30	57	0.0004	0.3508	
10:45	88	0.0409	40.8640	10:45	105	0.0014	1.3672	10:45	N/A	0	0.0000	10:45	57	0.0000	0.0007	
11:00	88	0.0403	40.3479	11:00	105	0.0013	1.3102	11:00	N/A	0	0.0000	11:00	57	0.0000	0.0000	
11:15	88	0.0396	39.5751	11:15	105	0.0009	0.8557	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	
11:30	88	0.0371	37.0646	11:30	105	0.0015	1.5090	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	

11:45	88	0.0398	39.8150	11:45	105	0.0022	2.2389	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	
12:00	88	0.0377	37.6571	12:00	105	0.0017	1.7266	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0358	35.8046	12:15	105	0.0019	1.9086	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0361	36.0961	12:30	105	0.0017	1.7099	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0000	
12:45	88	0.0342	34.1590	12:45	105	0.0014	1.4354	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
13:00	88	0.0330	33.0050	13:00	105	0.0006	0.5796	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0349	34.8725	13:15	105	0.0011	1.1079	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0337	33.6635	13:30	105	0.0018	1.7636	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0347	34.7363	13:45	105	0.0017	1.6588	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0336	33.6206	14:00	105	0.0027	2.7199	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0336	33.5573	14:15	105	0.0022	2.2121	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0341	34.0965	14:30	105	0.0018	1.8287	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0354	35.3673	14:45	105	0.0029	2.8879	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0350	34.9590	15:00	105	0.0029	2.9465	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0338	33.7908	15:15	105	0.0027	2.7492	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0338	33.8230	15:30	105	0.0018	1.8250	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0336	33.6494	15:45	105	0.0018	1.7616	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0305	30.5215	16:00	105	0.0010	0.9591	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0333	33.3192	16:15	105	0.0012	1.1841	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0351	35.0686	16:30	105	0.0006	0.6446	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0350	35.0353	16:45	105	0.0007	0.7239	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0348	34.8482	17:00	105	0.0005	0.5123	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0360	35.9783	17:15	105	0.0001	0.1072	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0326	32.5954	17:30	105	0.0001	0.0690	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0331	33.0837	17:45	105	0.0002	0.1637	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0339	33.8876	18:00	105	0.0000	0.0083	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0352	35.1623	18:15	105	0.0002	0.1641	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0359	35.9055	18:30	105	0.0002	0.1634	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0359	35.8725	18:45	105	0.0003	0.3395	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0367	36.6589	19:00	105	0.0002	0.1663	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0360	35.9541	19:15	105	0.0003	0.3456	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0327	32.7399	19:30	105	0.0003	0.2702	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0178	
19:45	88	0.0315	31.4726	19:45	105	0.0001	0.0935	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0055	
20:00	88	0.0307	30.7375	20:00	105	0.0001	0.1491	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0001	
20:15	88	0.0304	30.4374	20:15	105	0.0004	0.3719	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0097	
20:30	88	0.0337	33.7435	20:30	105	0.0002	0.1552	20:30	N/A	0	0.0000	20:30	57	0.0002	0.2153	
20:45	88	0.0256	25.6495	20:45	105	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0319	31.8737	21:00	105	0.0010	0.9568	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0374	37.3545	21:15	105	0.0015	1.4914	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0295	29.4643	21:30	105	0.0005	0.4653	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0201	
21:45	88	0.0332	33.2496	21:45	105	0.0013	1.2702	21:45	N/A	0	0.0000	21:45	57	0.0001	0.1347	
22:00	88	0.0316	31.5806	22:00	105	0.0004	0.4490	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0301	30.0821	22:15	105	0.0005	0.5467	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0336	33.6013	22:30	105	0.0014	1.3654	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0132	
22:45	88	0.0276	27.5672	22:45	105	0.0005	0.5115	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0294	29.3900	23:00	105	0.0011	1.0904	23:00	N/A	0	0.0000	23:00	57	0.0001	0.0598	
23:15	88	0.0284	28.4237	23:15	105	0.0009	0.9159	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0171	
23:30	88	0.0248	24.8154	23:30	105	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0262	26.2061	23:45	105	0.0005	0.5196	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/02/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/02/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/02/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/02/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0256	25.6183	0:00	105	0.0002	0.2223	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0271	27.1345	0:15	105	0.0009	0.9360	0:15	N/A	0	0.0000	0:15	57	0.0001	0.0636	
0:30	88	0.0287	28.7124	0:30	105	0.0009	0.9272	0:30	N/A	0	0.0000	0:30	57	0.0001	0.0954	
0:45	88	0.0336	33.5984	0:45	105	0.0020	1.9984	0:45	N/A	0	0.0000	0:45	57	0.0001	0.1346	
1:00	88	0.0341	34.1126	1:00	105	0.0018	1.7947	1:00	N/A	0	0.0000	1:00	57	0.0003	0.2564	
1:15	88	0.0343	34.2537	1:15	105	0.0018	1.7616	1:15	N/A	0	0.0000	1:15	57	0.0002	0.2428	
1:30	88	0.0343	34.3184	1:30	105	0.0020	1.9982	1:30	N/A	0	0.0000	1:30	57	0.0001	0.1454	
1:45	88	0.0334	33.4225	1:45	105	0.0017	1.6667	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0339	33.8569	2:00	105	0.0017	1.7174	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0050	
2:15	88	0.0339	33.9165	2:15	105	0.0022	2.2176	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0344	34.4418	2:30	105	0.0023	2.3196	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0349	34.8799	2:45	105	0.0023	2.2765	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0357	35.6794	3:00	105	0.0021	2.1186	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0001	
3:15	88	0.0368	36.8285	3:15	105	0.0021	2.0864	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0077	
3:30	88	0.0363	36.2983	3:30	105	0.0016	1.5559	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0370	37.0445	3:45	105	0.0018	1.7624	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0392	39.2448	4:00	105	0.0018	1.7625	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0346	34.5562	4:15	105	0.0009	0.8792	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0321	32.1148	4:30	105	0.0004	0.3893	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0285	28.4760	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0290	28.9681	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0279	27.8926	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0284	28.3899	5:30	105	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0285	28.5451	5:45	105	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0283	28.3127	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0315	31.5046	6:15	105	0.0006	0.6059	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0289	28.9476	6:30	105	0.0000	0.0500	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0339	33.8722	6:45	105	0.0008	0.8361	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0328	32.7814	7:00	105	0.0006	0.6249	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0323	32.3495	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0297	29.7241	7:30	105	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0329	32.9046	7:45	105	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0294	29.3659	8:00	105	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0295	29.4990	8:15	105	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0310	30.9947	8:30	105	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0305	30.4981	8:45	105	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	
9:00	88	0.0327	32.7005	9:00	105	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	57	0.0000	0.0000	
9:15	88	0.0346	34.5982	9:15	105	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	57	0.0000	0.0000	
9:30	88	0.0302	30.1578	9:30	105	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	57	0.0000	0.0000	
9:45	88	0.0362	36.1814	9:45	105	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	57	0.0002	0.2279	
10:00	88	0.0372	37.2222	10:00	105	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	57	0.0003	0.3261	
10:15	88	0.0369	36.9010	10:15	105	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	57	0.0008	0.7561	
10:30	88	0.0354	35.4254	10:30	105	0.0000	0.0306	10:30	N/A	0	0.0000	10:30	57	0.0005	0.5319	
10:45	88	0.0348	34.8177	10:45	105	0.0014	1.4090	10:45	N/A	0	0.0000	10:45	57	0.0003	0.3357	
11:00	88	0.0283	28.2796	11:00	105	0.0001	0.0512	11:00	N/A	0	0.0000	11:00	57	0.0000	0.0108	
11:15	88	0.0251	25.0850	11:15	105	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	
11:30	88	0.0259	25.8741	11:30	105	0.0003	0.2724	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	

11:45	88	0.0212	21.2439	11:45	105	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	
12:00	88	0.0229	22.8698	12:00	105	0.0001	0.0804	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0284	28.3931	12:15	105	0.0019	1.8810	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0275	27.4557	12:30	105	0.0019	1.8780	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0000	
12:45	88	0.0207	20.7196	12:45	105	0.0006	0.5865	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
13:00	88	0.0215	21.5235	13:00	105	0.0004	0.3796	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0257	25.7344	13:15	105	0.0012	1.2285	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0256	25.5629	13:30	105	0.0022	2.1839	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0260	26.0245	13:45	105	0.0033	3.3475	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0257	25.7488	14:00	105	0.0030	3.0171	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0211	21.0784	14:15	105	0.0009	0.9475	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0218	21.7920	14:30	105	0.0015	1.5085	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0210	21.0238	14:45	105	0.0029	2.9485	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0201	20.0850	15:00	105	0.0033	3.2809	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0176	17.5828	15:15	105	0.0015	1.4515	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0183	18.3072	15:30	105	0.0020	1.9577	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0181	18.1233	15:45	105	0.0010	1.0303	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0187	18.6898	16:00	105	0.0012	1.1885	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0217	21.6664	16:15	105	0.0028	2.7718	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0197	19.6832	16:30	105	0.0021	2.0906	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0193	19.2567	16:45	105	0.0018	1.8448	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0182	18.2121	17:00	105	0.0019	1.9266	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0216	21.6015	17:15	105	0.0051	5.1226	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0217	21.6826	17:30	105	0.0043	4.3308	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0244	24.3645	17:45	105	0.0054	5.3914	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0253	25.3312	18:00	105	0.0044	4.3700	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0225	22.5236	18:15	105	0.0000	0.0048	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0250	24.9793	18:30	105	0.0015	1.5403	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0236	23.6015	18:45	105	0.0000	0.0000	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0239	23.8797	19:00	105	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0239	23.9499	19:15	105	0.0000	0.0000	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0245	24.4766	19:30	105	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0302	30.2468	19:45	105	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0258	25.7640	20:00	105	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0289	28.8627	20:15	105	0.0000	0.0056	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0312	31.2000	20:30	105	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0322	32.1995	20:45	105	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0287	28.7346	21:00	105	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0276	27.6253	21:15	105	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0255	25.5475	21:30	105	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0315	31.5422	21:45	105	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0308	30.8359	22:00	105	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0270	26.9915	22:15	105	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0273	27.3424	22:30	105	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0266	26.6159	22:45	105	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0278	27.8329	23:00	105	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0282	28.1700	23:15	105	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0273	27.3013	23:30	105	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0290	28.9561	23:45	105	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/03/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/03/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/03/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/03/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0278	27.8150	0:00	105	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0253	25.2930	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0251	25.1206	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0263	26.3221	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0287	28.6916	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0282	28.2469	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0266	26.5972	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0269	26.9050	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0239	23.9191	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0226	22.6017	2:15	105	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0225	22.4929	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0209	20.8534	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0220	22.0101	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0195	19.4946	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0194	19.4199	3:30	105	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0212	21.1703	3:45	105	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0207	20.7407	4:00	105	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0210	20.9625	4:15	105	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0196	19.5506	4:30	105	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0205	20.4971	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0192	19.2092	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0181	18.1104	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0189	18.8718	5:30	105	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0167	16.6983	5:45	105	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0169	16.9084	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0164	16.3982	6:15	105	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0159	15.9493	6:30	105	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0164	16.4472	6:45	105	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0175	17.5454	7:00	105	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0159	15.8749	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0150	14.9775	7:30	105	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0156	15.6035	7:45	105	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0149	14.9124	8:00	105	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0162	16.1760	8:15	105	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0154	15.4439	8:30	105	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0157	15.6779	8:45	105	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	
9:00	88	0.0166	16.6084	9:00	105	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	57	0.0000	0.0000	
9:15	88	0.0168	16.7720	9:15	105	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	57	0.0000	0.0000	
9:30	88	0.0163	16.3232	9:30	105	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	57	0.0000	0.0000	
9:45	88	0.0150	14.9784	9:45	105	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0141	14.1248	10:00	105	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
10:15	88	0.0140	13.9893	10:15	105	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0000	
10:30	88	0.0131	13.0921	10:30	105	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0000	
10:45	88	0.0144	14.4059	10:45	105	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	57	0.0000	0.0000	
11:00	88	0.0130	12.9828	11:00	105	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	57	0.0000	0.0000	
11:15	88	0.0133	13.3448	11:15	105	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	
11:30	88	0.0137	13.7439	11:30	105	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	

11:45	88	0.0137	13.7028	11:45	105	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	
12:00	88	0.0141	14.0677	12:00	105	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0143	14.3196	12:15	105	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0148	14.8074	12:30	105	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0000	
12:45	88	0.0144	14.3626	12:45	105	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
13:00	88	0.0141	14.1494	13:00	105	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0152	15.2229	13:15	105	0.0000	0.0000	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0160	15.9521	13:30	105	0.0000	0.0000	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0166	16.5897	13:45	105	0.0000	0.0000	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0171	17.0622	14:00	105	0.0000	0.0000	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0170	16.9823	14:15	105	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0156	15.6101	14:30	105	0.0000	0.0000	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0138	13.7861	14:45	105	0.0000	0.0000	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0138	13.7983	15:00	105	0.0000	0.0000	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0142	14.1913	15:15	105	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0155	15.5276	15:30	105	0.0000	0.0000	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0156	15.6219	15:45	105	0.0000	0.0000	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0153	15.3408	16:00	105	0.0000	0.0000	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0143	14.2956	16:15	105	0.0000	0.0000	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0148	14.8141	16:30	105	0.0003	0.3202	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0153	15.2806	16:45	105	0.0014	1.3702	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0155	15.5268	17:00	105	0.0019	1.8532	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0167	16.6527	17:15	105	0.0011	1.1432	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0175	17.5064	17:30	105	0.0016	1.6138	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0182	18.2298	17:45	105	0.0019	1.9190	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0189	18.8561	18:00	105	0.0017	1.7180	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0197	19.6790	18:15	105	0.0016	1.5631	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0203	20.3345	18:30	105	0.0008	0.7807	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0217	21.7093	18:45	105	0.0000	0.0000	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0226	22.6377	19:00	105	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0228	22.7764	19:15	105	0.0000	0.0000	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0247	24.6874	19:30	105	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0234	23.4397	19:45	105	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0228	22.8123	20:00	105	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0236	23.5724	20:15	105	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0230	22.9664	20:30	105	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0231	23.0626	20:45	105	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0229	22.8761	21:00	105	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0226	22.5928	21:15	105	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0236	23.6333	21:30	105	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0241	24.0636	21:45	105	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0240	24.0495	22:00	105	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0258	25.8408	22:15	105	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0249	24.8820	22:30	105	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0255	25.4939	22:45	105	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0252	25.1885	23:00	105	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0250	25.0073	23:15	105	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0264	26.4027	23:30	105	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0290	28.9561	23:45	105	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/04/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/04/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/04/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/04/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0282	28.1904	0:00	105	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0286	28.6186	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0281	28.0589	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0287	28.6975	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0294	29.3672	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0289	28.8746	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0306	30.5968	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0277	27.6529	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0295	29.4924	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0295	29.5405	2:15	105	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0294	29.3798	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0305	30.4926	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0288	28.8199	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0301	30.1306	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0301	30.1056	3:30	105	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0311	31.0829	3:45	105	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0341	34.0753	4:00	105	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0312	31.2272	4:15	105	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0327	32.7265	4:30	105	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0317	31.7273	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0320	31.9803	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0316	31.5851	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0316	31.5543	5:30	105	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0317	31.7365	5:45	105	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0321	32.0755	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0330	33.0042	6:15	105	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0329	32.8645	6:30	105	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0332	33.1517	6:45	105	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0332	33.2085	7:00	105	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0337	33.7405	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0341	34.0547	7:30	105	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0342	34.2204	7:45	105	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0336	33.5671	8:00	105	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0341	34.0744	8:15	105	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0341	34.0638	8:30	105	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0360	36.0458	8:45	105	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	
9:00	88	0.0345	34.4877	9:00	105	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	57	0.0000	0.0000	
9:15	88	0.0350	35.0282	9:15	105	0.0001	0.1299	9:15	N/A	0	0.0000	9:15	57	0.0000	0.0368	
9:30	88	0.0401	40.0521	9:30	105	0.0016	1.6390	9:30	N/A	0	0.0000	9:30	57	0.0009	0.8821	
9:45	88	0.0329	32.9337	9:45	105	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0327	32.6668	10:00	105	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
10:15	88	0.0340	34.0190	10:15	105	0.0002	0.2108	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0000	
10:30	88	0.0347	34.6888	10:30	105	0.0003	0.3133	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0000	
10:45	88	0.0342	34.2047	10:45	105	0.0000	0.0000	10:45	N/A	0.0023704	2.3704	10:45	57	0.0000	0.0000	
11:00	88	0.0340	34.0306	11:00	105	0.0000	0.0000	11:00	N/A	0.0198007	19.8007	11:00	57	0.0000	0.0000	
11:15	88	0.0350	34.9741	11:15	105	0.0000	0.0000	11:15	N/A	0.0077753	7.7753	11:15	57	0.0000	0.0000	
11:30	88	0.0349	34.9429	11:30	105	0.0000	0.0000	11:30	N/A	0.0136628	13.6628	11:30	57	0.0000	0.0000	

11:45	88	0.0347	34.7381	11:45	105	0.0000	0.0000	11:45	N/A	0.0003493	0.3493	11:45	57	0.0000	0.0000	
12:00	88	0.0361	36.0741	12:00	105	0.0000	0.0492	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0346	34.6442	12:15	105	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0361	36.0801	12:30	105	0.0006	0.6317	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0000	
12:45	88	0.0358	35.7792	12:45	105	0.0006	0.5868	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
13:00	88	0.0394	39.4260	13:00	105	0.0018	1.8313	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0380	37.9750	13:15	105	0.0002	0.1629	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0380	38.0163	13:30	105	0.0000	0.0000	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0396	39.5749	13:45	105	0.0014	1.3691	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0414	41.4495	14:00	105	0.0065	6.4906	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0423	42.3362	14:15	105	0.0055	5.5378	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0416	41.6384	14:30	105	0.0010	1.0092	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0430	43.0239	14:45	105	0.0035	3.5483	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0415	41.5350	15:00	105	0.0008	0.8389	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0388	38.7880	15:15	105	0.0004	0.3521	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0397	39.7231	15:30	105	0.0010	1.0239	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0435	43.4983	15:45	105	0.0060	5.9518	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0441	44.0881	16:00	105	0.0051	5.1276	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0423	42.3337	16:15	105	0.0012	1.2395	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0431	43.1494	16:30	105	0.0002	0.1783	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0453	45.3490	16:45	105	0.0000	0.0000	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0468	46.7687	17:00	105	0.0001	0.0764	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0464	46.3688	17:15	105	0.0000	0.0000	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0480	47.9666	17:30	105	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0487	48.6548	17:45	105	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0536	53.6095	18:00	105	0.0000	0.0000	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0500	50.0375	18:15	105	0.0000	0.0000	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0514	51.4352	18:30	105	0.0000	0.0000	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0527	52.7054	18:45	105	0.0001	0.1115	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0511	51.0896	19:00	105	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0585	58.4511	19:15	105	0.0000	0.0142	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0510	50.9867	19:30	105	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0514	51.4331	19:45	105	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0535	53.4980	20:00	105	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0519	51.9030	20:15	105	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0515	51.5017	20:30	105	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0505	50.5188	20:45	105	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0530	52.9659	21:00	105	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0515	51.4584	21:15	105	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0552	55.1695	21:30	105	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0506	50.6187	21:45	105	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0569	56.8660	22:00	105	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0527	52.6752	22:15	105	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0524	52.3850	22:30	105	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0532	53.2051	22:45	105	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0553	55.3368	23:00	105	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0523	52.3362	23:15	105	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0526	52.5536	23:30	105	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0523	52.3336	23:45	105	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/05/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/05/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/05/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/05/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0532	53.2167	0:00	105	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0504	50.4152	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0554	55.3913	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0506	50.6301	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0577	57.7248	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0551	55.1466	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0516	51.5802	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0539	53.9172	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0545	54.5474	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0546	54.6007	2:15	105	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0544	54.4366	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0531	53.1255	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0531	53.0843	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0544	54.4332	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0585	58.5308	3:30	105	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0575	57.5442	3:45	105	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0571	57.1166	4:00	105	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0564	56.4426	4:15	105	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0572	57.2151	4:30	105	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0563	56.3003	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0557	55.7158	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0558	55.8305	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0571	57.0719	5:30	105	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0562	56.1617	5:45	105	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0569	56.9382	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0575	57.4671	6:15	105	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0572	57.1938	6:30	105	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0579	57.9098	6:45	105	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0594	59.3900	7:00	105	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0647	64.7276	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0612	61.2293	7:30	105	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0615	61.4555	7:45	105	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0624	62.3904	8:00	105	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0638	63.7707	8:15	105	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0654	65.3942	8:30	105	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0663	66.2632	8:45	105	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	
9:00	88	0.0697	69.7243	9:00	105	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	57	0.0000	0.0000	
9:15	88	0.0666	66.6405	9:15	105	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	57	0.0000	0.0000	
9:30	88	0.0665	66.5446	9:30	105	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	57	0.0000	0.0000	
9:45	88	0.0630	63.0042	9:45	105	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0582	58.2148	10:00	105	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	57	0.0009	0.9248	
10:15	88	0.0549	54.9190	10:15	105	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	57	0.0005	0.4680	
10:30	88	0.0537	53.6680	10:30	105	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	57	0.0003	0.3162	
10:45	88	0.0525	52.5249	10:45	105	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	57	0.0001	0.0697	
11:00	88	0.0515	51.4596	11:00	105	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	57	0.0001	0.1261	
11:15	88	0.0509	50.8590	11:15	105	0.0002	0.2024	11:15	N/A	0	0.0000	11:15	57	0.0002	0.1525	
11:30	88	0.0500	49.9542	11:30	105	0.0008	0.7923	11:30	N/A	0	0.0000	11:30	57	0.0002	0.1558	

11:45	88	0.0477	47.7495	11:45	105	0.0004	0.4063	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	
12:00	88	0.0472	47.2007	12:00	105	0.0002	0.2278	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0475	47.5402	12:15	105	0.0004	0.4345	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0182	
12:30	88	0.0463	46.2907	12:30	105	0.0006	0.5596	12:30	N/A	0	0.0000	12:30	57	0.0001	0.1032	
12:45	88	0.0471	47.0871	12:45	105	0.0003	0.3496	12:45	N/A	0	0.0000	12:45	57	0.0002	0.2224	
13:00	88	0.0456	45.5927	13:00	105	0.0000	0.0156	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0450	45.0016	13:15	105	0.0002	0.1992	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0432	43.1902	13:30	105	0.0000	0.0066	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0417	41.6832	13:45	105	0.0000	0.0000	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0415	41.4979	14:00	105	0.0000	0.0000	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0421	42.0516	14:15	105	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0411	41.0887	14:30	105	0.0000	0.0000	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0410	40.9960	14:45	105	0.0000	0.0000	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0403	40.2754	15:00	105	0.0006	0.6129	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0402	40.2264	15:15	105	0.0028	2.8257	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0410	41.0478	15:30	105	0.0056	5.6457	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0422	42.1644	15:45	105	0.0053	5.3163	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0422	42.2018	16:00	105	0.0033	3.2816	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0462	46.1871	16:15	105	0.0053	5.3062	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0465	46.4725	16:30	105	0.0052	5.1834	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0470	47.0159	16:45	105	0.0031	3.1422	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0483	48.2657	17:00	105	0.0012	1.1796	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0467	46.6860	17:15	105	0.0000	0.0000	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0476	47.6320	17:30	105	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0523	52.2985	17:45	105	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0528	52.8286	18:00	105	0.0000	0.0000	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0540	54.0380	18:15	105	0.0000	0.0000	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0555	55.4913	18:30	105	0.0000	0.0000	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0569	56.8863	18:45	105	0.0000	0.0000	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0588	58.7561	19:00	105	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0613	61.2602	19:15	105	0.0000	0.0000	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0646	64.5593	19:30	105	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0619	61.9018	19:45	105	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0637	63.7346	20:00	105	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0628	62.7977	20:15	105	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0631	63.0971	20:30	105	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0624	62.3979	20:45	105	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0644	64.4360	21:00	105	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0640	63.9684	21:15	105	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0640	64.0312	21:30	105	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0673	67.3196	21:45	105	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0654	65.4220	22:00	105	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0672	67.2114	22:15	105	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0697	69.7069	22:30	105	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0698	69.8251	22:45	105	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0691	69.0679	23:00	105	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0697	69.6682	23:15	105	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0667	66.7202	23:30	105	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0693	69.2601	23:45	105	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/06/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/06/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/06/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/06/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0682	68.1596	0:00	105	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0682	68.1634	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0663	66.3266	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0647	64.7299	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0646	64.6325	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0657	65.7421	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0682	68.1870	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0663	66.3257	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0634	63.4069	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0668	66.7890	2:15	105	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0686	68.6484	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0690	69.0338	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0684	68.3766	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0681	68.0825	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0682	68.1652	3:30	105	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0683	68.3156	3:45	105	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0687	68.7077	4:00	105	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0697	69.6853	4:15	105	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0689	68.9290	4:30	105	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0693	69.2665	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0688	68.8079	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0679	67.8755	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0681	68.1281	5:30	105	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0684	68.4133	5:45	105	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0681	68.0695	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0674	67.3975	6:15	105	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0662	66.2441	6:30	105	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0659	65.8547	6:45	105	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0658	65.8420	7:00	105	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0669	66.9169	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0655	65.5325	7:30	105	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0644	64.4291	7:45	105	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0639	63.8828	8:00	105	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0618	61.7623	8:15	105	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0614	61.4302	8:30	105	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0612	61.2054	8:45	105	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	
9:00	88	0.0616	61.6439	9:00	105	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	57	0.0000	0.0000	
9:15	88	0.0614	61.3512	9:15	105	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	57	0.0000	0.0000	
9:30	88	0.0600	59.9719	9:30	105	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	57	0.0000	0.0000	
9:45	88	0.0604	60.3792	9:45	105	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0605	60.4950	10:00	105	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
10:15	88	0.0604	60.4277	10:15	105	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0000	
10:30	88	0.0608	60.8231	10:30	105	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0000	
10:45	88	0.0609	60.9287	10:45	105	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	57	0.0000	0.0000	
11:00	88	0.0622	62.1894	11:00	105	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	57	0.0000	0.0000	
11:15	88	0.0611	61.0911	11:15	105	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	
11:30	88	0.0627	62.7170	11:30	105	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	

11:45	88	0.0621	62.0783	11:45	105	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	
12:00	88	0.0644	64.4129	12:00	105	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0634	63.4178	12:15	105	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0634	63.4137	12:30	105	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0000	
12:45	88	0.0632	63.2186	12:45	105	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
13:00	88	0.0624	62.4473	13:00	105	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0624	62.4156	13:15	105	0.0000	0.0000	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0619	61.9271	13:30	105	0.0000	0.0000	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0617	61.6694	13:45	105	0.0000	0.0000	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0606	60.5924	14:00	105	0.0000	0.0000	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0609	60.9046	14:15	105	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0617	61.6648	14:30	105	0.0000	0.0000	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0605	60.4832	14:45	105	0.0000	0.0000	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0602	60.2346	15:00	105	0.0000	0.0000	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0598	59.7996	15:15	105	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0580	57.9820	15:30	105	0.0000	0.0000	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0589	58.9141	15:45	105	0.0000	0.0000	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0611	61.0513	16:00	105	0.0000	0.0000	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0611	61.1436	16:15	105	0.0000	0.0000	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0602	60.1642	16:30	105	0.0000	0.0000	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0592	59.1531	16:45	105	0.0000	0.0000	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0598	59.8267	17:00	105	0.0000	0.0000	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0593	59.2529	17:15	105	0.0000	0.0000	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0597	59.7099	17:30	105	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0595	59.4744	17:45	105	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0598	59.7812	18:00	105	0.0000	0.0000	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0582	58.1710	18:15	105	0.0000	0.0000	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0567	56.7211	18:30	105	0.0000	0.0000	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0570	56.9641	18:45	105	0.0000	0.0000	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0569	56.9234	19:00	105	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0618	61.7717	19:15	105	0.0000	0.0000	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0608	60.7849	19:30	105	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0617	61.7434	19:45	105	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0610	60.9924	20:00	105	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0627	62.6677	20:15	105	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0595	59.5178	20:30	105	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0607	60.6764	20:45	105	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0586	58.5834	21:00	105	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0605	60.4975	21:15	105	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0609	60.9269	21:30	105	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0598	59.8484	21:45	105	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0572	57.1638	22:00	105	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0578	57.8446	22:15	105	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0586	58.6444	22:30	105	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0614	61.4021	22:45	105	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0614	61.3701	23:00	105	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0615	61.4791	23:15	105	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0651	65.1386	23:30	105	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0668	66.8206	23:45	105	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/07/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/07/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/07/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/07/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0682	68.1728	0:00	105	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0617	61.7465	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0674	67.4160	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0650	64.9910	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0681	68.0827	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0706	70.5625	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0670	67.0336	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0674	67.3799	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0675	67.5255	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0003	0.2548	
2:15	88	0.0659	65.9303	2:15	105	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	57	0.0005	0.5038	
2:30	88	0.0661	66.1422	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0004	0.3587	
2:45	88	0.0703	70.2953	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0012	1.1591	
3:00	88	0.0651	65.0617	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0008	0.7905	
3:15	88	0.0555	55.5435	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0566	56.5838	3:30	105	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0582	58.1881	3:45	105	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0598	59.8065	4:00	105	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0562	56.2440	4:15	105	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0559	55.9374	4:30	105	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0580	58.0086	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0001	0.1290	
5:00	88	0.0554	55.3633	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0565	56.4873	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0001	0.1457	
5:30	88	0.0611	61.1188	5:30	105	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	57	0.0006	0.6360	
5:45	88	0.0613	61.2882	5:45	105	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0572	57.1546	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0001	0.1198	
6:15	88	0.0668	66.8323	6:15	105	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	57	0.0009	0.9375	
6:30	88	0.0630	62.9915	6:30	105	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	57	0.0013	1.3073	
6:45	88	0.0631	63.1421	6:45	105	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	57	0.0012	1.1678	
7:00	88	0.0618	61.7830	7:00	105	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	57	0.0006	0.6267	
7:15	88	0.0650	65.0041	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0006	0.6136	
7:30	88	0.0616	61.6266	7:30	105	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	57	0.0008	0.8218	
7:45	88	0.0602	60.1971	7:45	105	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	57	0.0008	0.7568	
8:00	88	0.0600	59.9970	8:00	105	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	57	0.0008	0.8414	
8:15	88	0.0611	61.1269	8:15	105	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	57	0.0011	1.0928	
8:30	88	0.0565	56.5297	8:30	105	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	57	0.0007	0.7207	
8:45	88	0.0517	51.6730	8:45	105	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	57	0.0002	0.1910	
9:00	88	0.0547	54.6965	9:00	105	0.0002	0.1803	9:00	N/A	0	0.0000	9:00	57	0.0007	0.7364	
9:15	88	0.0509	50.9094	9:15	105	0.0003	0.2612	9:15	N/A	0	0.0000	9:15	57	0.0004	0.4060	
9:30	88	0.0541	54.0690	9:30	105	0.0007	0.7428	9:30	N/A	0	0.0000	9:30	57	0.0008	0.7956	
9:45	88	0.0457	45.7158	9:45	105	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0477	47.7171	10:00	105	0.0006	0.5822	10:00	N/A	0	0.0000	10:00	57	0.0002	0.2301	
10:15	88	0.0500	50.0336	10:15	105	0.0011	1.0672	10:15	N/A	0	0.0000	10:15	57	0.0005	0.5222	
10:30	88	0.0443	44.3258	10:30	105	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0000	
10:45	88	0.0489	48.8839	10:45	105	0.0017	1.6745	10:45	N/A	0	0.0000	10:45	57	0.0008	0.8083	
11:00	88	0.0530	52.9976	11:00	105	0.0025	2.4795	11:00	N/A	0	0.0000	11:00	57	0.0017	1.7435	
11:15	88	0.0512	51.2269	11:15	105	0.0023	2.2844	11:15	N/A	0	0.0000	11:15	57	0.0012	1.2288	
11:30	88	0.0506	50.6398	11:30	105	0.0028	2.7750	11:30	N/A	0	0.0000	11:30	57	0.0014	1.4385	

11:45	88	0.0428	42.7815	11:45	105	0.0011	1.0529	11:45	N/A	0	0.0000	11:45	57	0.0005	0.5018	
12:00	88	0.0431	43.0572	12:00	105	0.0007	0.6641	12:00	N/A	0	0.0000	12:00	57	0.0004	0.4351	
12:15	88	0.0439	43.8661	12:15	105	0.0014	1.4113	12:15	N/A	0	0.0000	12:15	57	0.0007	0.7369	
12:30	88	0.0470	47.0096	12:30	105	0.0023	2.2958	12:30	N/A	0	0.0000	12:30	57	0.0011	1.1325	
12:45	88	0.0384	38.3826	12:45	105	0.0002	0.2419	12:45	N/A	0	0.0000	12:45	57	0.0001	0.1176	
13:00	88	0.0454	45.4202	13:00	105	0.0021	2.0776	13:00	N/A	0	0.0000	13:00	57	0.0010	0.9850	
13:15	88	0.0383	38.3114	13:15	105	0.0009	0.8506	13:15	N/A	0	0.0000	13:15	57	0.0003	0.3293	
13:30	88	0.0440	43.9748	13:30	105	0.0017	1.6541	13:30	N/A	0	0.0000	13:30	57	0.0005	0.5463	
13:45	88	0.0405	40.5425	13:45	105	0.0018	1.8105	13:45	N/A	0	0.0000	13:45	57	0.0008	0.7603	
14:00	88	0.0380	37.9972	14:00	105	0.0011	1.1122	14:00	N/A	0	0.0000	14:00	57	0.0005	0.5300	
14:15	88	0.0331	33.1110	14:15	105	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0439	43.8825	14:30	105	0.0020	2.0187	14:30	N/A	0	0.0000	14:30	57	0.0007	0.6904	
14:45	88	0.0405	40.4880	14:45	105	0.0016	1.6154	14:45	N/A	0	0.0000	14:45	57	0.0004	0.3683	
15:00	88	0.0418	41.7605	15:00	105	0.0022	2.1521	15:00	N/A	0	0.0000	15:00	57	0.0007	0.6534	
15:15	88	0.0335	33.5497	15:15	105	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0329	32.9244	15:30	105	0.0000	0.0000	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0338	33.7763	15:45	105	0.0000	0.0000	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0362	36.1695	16:00	105	0.0000	0.0000	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0353	35.3416	16:15	105	0.0000	0.0000	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0345	34.4945	16:30	105	0.0000	0.0000	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0355	35.5282	16:45	105	0.0000	0.0000	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0358	35.7627	17:00	105	0.0000	0.0000	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0411	41.1372	17:15	105	0.0020	1.9990	17:15	N/A	0	0.0000	17:15	57	0.0006	0.5567	
17:30	88	0.0489	48.8872	17:30	105	0.0043	4.2724	17:30	N/A	0	0.0000	17:30	57	0.0014	1.3725	
17:45	88	0.0562	56.2181	17:45	105	0.0043	4.3462	17:45	N/A	0	0.0000	17:45	57	0.0013	1.2813	
18:00	88	0.0575	57.4762	18:00	105	0.0041	4.1061	18:00	N/A	0	0.0000	18:00	57	0.0008	0.7719	
18:15	88	0.0551	55.0582	18:15	105	0.0049	4.9073	18:15	N/A	0	0.0000	18:15	57	0.0015	1.5114	
18:30	88	0.0499	49.8791	18:30	105	0.0007	0.7186	18:30	N/A	0	0.0000	18:30	57	0.0002	0.1959	
18:45	88	0.0435	43.4519	18:45	105	0.0000	0.0000	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0402	40.1985	19:00	105	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0474	47.4280	19:15	105	0.0000	0.0000	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0416	41.5547	19:30	105	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0395	39.5420	19:45	105	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0412	41.2056	20:00	105	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0437	43.6899	20:15	105	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0411	41.1465	20:30	105	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0381	38.0589	20:45	105	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0428	42.7595	21:00	105	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0422	42.1732	21:15	105	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0450	44.9557	21:30	105	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0432	43.1663	21:45	105	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0418	41.8359	22:00	105	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0410	40.9524	22:15	105	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0411	41.1382	22:30	105	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0419	41.9038	22:45	105	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0413	41.3141	23:00	105	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0414	41.3741	23:15	105	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0388	38.7610	23:30	105	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0411	41.1257	23:45	105	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/08/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/08/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/08/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/08/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0393	39.2701	0:00	105	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0365	36.4718	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0381	38.0766	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0367	36.7374	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0349	34.8682	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0375	37.5352	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0338	33.7808	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0364	36.4084	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0336	33.6017	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0336	33.6262	2:15	105	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0333	33.2535	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0343	34.2747	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0328	32.8112	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0321	32.1112	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0319	31.8941	3:30	105	0.0000	0.0059	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0005	
3:45	88	0.0363	36.3317	3:45	105	0.0028	2.8407	3:45	N/A	0	0.0000	3:45	57	0.0002	0.1987	
4:00	88	0.0364	36.4257	4:00	105	0.0018	1.7612	4:00	N/A	0	0.0000	4:00	57	0.0002	0.1662	
4:15	88	0.0318	31.7666	4:15	105	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0308	30.7549	4:30	105	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0304	30.4177	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0309	30.8717	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0329	32.8552	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0331	33.0774	5:30	105	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0327	32.6646	5:45	105	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0325	32.4555	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0332	33.1960	6:15	105	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0369	36.9277	6:30	105	0.0015	1.4521	6:30	N/A	0	0.0000	6:30	57	0.0002	0.1580	
6:45	88	0.0334	33.3921	6:45	105	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0353	35.2506	7:00	105	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0337	33.6741	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0329	32.8755	7:30	105	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0330	33.0500	7:45	105	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0342	34.1823	8:00	105	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0371	37.1372	8:15	105	0.0001	0.0836	8:15	N/A	0	0.0000	8:15	57	0.0001	0.1314	
8:30	88	0.0371	37.1315	8:30	105	0.0003	0.2515	8:30	N/A	0	0.0000	8:30	57	0.0002	0.1639	
8:45	88	0.0355	35.4610	8:45	105	0.0000	0.0201	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0423	
9:00	88	0.0407	40.7333	9:00	105	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	57	0.0004	0.3752	
9:15	88	0.0430	42.9679	9:15	105	0.0003	0.2690	9:15	N/A	0	0.0000	9:15	57	0.0007	0.6554	
9:30	88	0.0461	46.0975	9:30	105	0.0011	1.0550	9:30	N/A	0	0.0000	9:30	57	0.0015	1.4931	
9:45	88	0.0455	45.4517	9:45	105	0.0012	1.2268	9:45	N/A	0	0.0000	9:45	57	0.0017	1.7469	
10:00	88	0.0441	44.1171	10:00	105	0.0011	1.1365	10:00	N/A	0	0.0000	10:00	57	0.0019	1.9141	
10:15	88	0.0441	44.0943	10:15	105	0.0009	0.8970	10:15	N/A	0	0.0000	10:15	57	0.0013	1.3361	
10:30	88	0.0423	42.2837	10:30	105	0.0009	0.9308	10:30	N/A	0	0.0000	10:30	57	0.0009	0.8792	
10:45	88	0.0419	41.9324	10:45	105	0.0010	1.0183	10:45	N/A	0	0.0000	10:45	57	0.0006	0.6337	
11:00	88	0.0413	41.2525	11:00	105	0.0010	1.0114	11:00	N/A	0	0.0000	11:00	57	0.0004	0.3875	
11:15	88	0.0423	42.2505	11:15	105	0.0015	1.5294	11:15	N/A	0	0.0000	11:15	57	0.0004	0.4095	
11:30	88	0.0416	41.6052	11:30	105	0.0008	0.8425	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0155	

11:45	88	0.0404	40.4286	11:45	105	0.0007	0.6893	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	
12:00	88	0.0389	38.9316	12:00	105	0.0013	1.2583	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0371	37.1011	12:15	105	0.0011	1.0682	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0356	35.5717	12:30	105	0.0012	1.1772	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0000	
12:45	88	0.0325	32.5417	12:45	105	0.0011	1.0937	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
13:00	88	0.0278	27.7550	13:00	105	0.0012	1.1601	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0282	28.2354	13:15	105	0.0014	1.3612	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0276	27.6168	13:30	105	0.0009	0.8977	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0285	28.5311	13:45	105	0.0011	1.0896	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0300	30.0445	14:00	105	0.0018	1.7774	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0318	31.8047	14:15	105	0.0020	1.9574	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0286	28.5759	14:30	105	0.0020	1.9631	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0242	24.1792	14:45	105	0.0011	1.1464	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0251	25.1036	15:00	105	0.0006	0.6499	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0262	26.1909	15:15	105	0.0012	1.2319	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0246	24.5706	15:30	105	0.0015	1.5014	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0240	23.9954	15:45	105	0.0015	1.5428	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0223	22.3259	16:00	105	0.0018	1.8288	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0214	21.3722	16:15	105	0.0018	1.8198	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0201	20.1196	16:30	105	0.0022	2.2218	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0175	17.4888	16:45	105	0.0018	1.8482	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0182	18.1861	17:00	105	0.0018	1.7578	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0180	17.9810	17:15	105	0.0010	1.0298	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0183	18.2916	17:30	105	0.0001	0.1375	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0192	19.2030	17:45	105	0.0000	0.0408	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0228	22.7504	18:00	105	0.0016	1.5534	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0222	22.2080	18:15	105	0.0019	1.8709	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0227	22.6891	18:30	105	0.0010	1.0466	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0227	22.6689	18:45	105	0.0000	0.0000	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0244	24.4176	19:00	105	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0257	25.6701	19:15	105	0.0000	0.0000	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0276	27.6295	19:30	105	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0293	29.2961	19:45	105	0.0001	0.0724	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0348	34.8291	20:00	105	0.0007	0.7457	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0359	35.8508	20:15	105	0.0011	1.1251	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0389	38.8564	20:30	105	0.0017	1.7432	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0389	38.8753	20:45	105	0.0021	2.1013	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0001	
21:00	88	0.0425	42.5217	21:00	105	0.0034	3.3560	21:00	N/A	0	0.0000	21:00	57	0.0002	0.1586	
21:15	88	0.0435	43.4613	21:15	105	0.0042	4.2318	21:15	N/A	0	0.0000	21:15	57	0.0003	0.3342	
21:30	88	0.0430	42.9646	21:30	105	0.0052	5.1602	21:30	N/A	0	0.0000	21:30	57	0.0007	0.7197	
21:45	88	0.0443	44.3149	21:45	105	0.0057	5.7184	21:45	N/A	0	0.0000	21:45	57	0.0012	1.2323	
22:00	88	0.0440	43.9808	22:00	105	0.0055	5.5354	22:00	N/A	0	0.0000	22:00	57	0.0010	1.0320	
22:15	88	0.0453	45.2857	22:15	105	0.0058	5.7890	22:15	N/A	0	0.0000	22:15	57	0.0012	1.2401	
22:30	88	0.0482	48.2156	22:30	105	0.0062	6.1744	22:30	N/A	0	0.0000	22:30	57	0.0013	1.2669	
22:45	88	0.0482	48.2079	22:45	105	0.0062	6.1758	22:45	N/A	0	0.0000	22:45	57	0.0013	1.3333	
23:00	88	0.0458	45.7542	23:00	105	0.0036	3.5854	23:00	N/A	0	0.0000	23:00	57	0.0007	0.6915	
23:15	88	0.0453	45.3129	23:15	105	0.0041	4.1078	23:15	N/A	0	0.0000	23:15	57	0.0006	0.6304	
23:30	88	0.0466	46.6082	23:30	105	0.0048	4.7992	23:30	N/A	0	0.0000	23:30	57	0.0008	0.7552	
23:45	88	0.0434	43.3779	23:45	105	0.0035	3.4776	23:45	N/A	0	0.0000	23:45	57	0.0003	0.3165	



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

11/09/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/09/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/09/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/09/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0382	38.1614	0:00	105	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0363	36.3096	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0351	35.0719	0:30	105	0.0002	0.1689	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0379	37.8852	0:45	105	0.0011	1.1390	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0150	
1:00	88	0.0360	35.9848	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0358	35.7547	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0353	35.2705	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0333	33.2507	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0310	30.9510	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0330	32.9599	2:15	105	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0292	29.2290	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0316	31.5685	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0282	28.1890	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0289	28.8680	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0302	30.1704	3:30	105	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0309	30.8551	3:45	105	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0281	28.0881	4:00	105	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0312	31.1887	4:15	105	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0266	26.5884	4:30	105	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0292	29.2189	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0271	27.0502	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0286	28.6234	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0257	25.7459	5:30	105	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0253	25.2686	5:45	105	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0278	27.8419	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0250	25.0493	6:15	105	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0264	26.4199	6:30	105	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0238	23.7624	6:45	105	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0253	25.2790	7:00	105	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0234	23.3721	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0239	23.9430	7:30	105	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0260	25.9927	7:45	105	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0255	25.4741	8:00	105	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0254	25.3514	8:15	105	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0243	24.3293	8:30	105	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0247	24.6562	8:45	105	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	
9:00	88	0.0227	22.7442	9:00	105	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	57	0.0000	0.0000	
9:15	88	0.0158	15.7828	9:15	105	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	57	0.0000	0.0000	
9:30	88	0.0101	10.0956	9:30	105	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	57	0.0000	0.0000	
9:45	88	0.0045	4.4627	9:45	105	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0010	0.9822	10:00	105	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
10:15	88	0.0000	0.0073	10:15	105	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0000	
10:30	88	0.0000	0.0000	10:30	105	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0000	
10:45	88	0.0000	0.0000	10:45	105	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	57	0.0000	0.0000	
11:00	88	0.0000	0.0000	11:00	105	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	57	0.0000	0.0000	
11:15	88	0.0000	0.0000	11:15	105	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	
11:30	88	0.0000	0.0000	11:30	105	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	

11:45	88	0.0000	0.0000	11:45	105	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	
12:00	88	0.0000	0.0000	12:00	105	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0000	0.0000	12:15	105	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0000	0.0000	12:30	105	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0000	
12:45	88	0.0000	0.0000	12:45	105	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
13:00	88	0.0000	0.0000	13:00	105	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0000	0.0000	13:15	105	0.0000	0.0000	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0000	0.0000	13:30	105	0.0000	0.0000	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0000	0.0000	13:45	105	0.0000	0.0000	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0000	0.0000	14:00	105	0.0000	0.0000	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0000	0.0000	14:15	105	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0000	0.0000	14:30	105	0.0000	0.0000	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0000	0.0000	14:45	105	0.0000	0.0000	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0000	0.0000	15:00	105	0.0000	0.0000	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0000	0.0000	15:15	105	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0000	0.0000	15:30	105	0.0000	0.0000	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0000	0.0000	15:45	105	0.0000	0.0000	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0000	0.0000	16:00	105	0.0000	0.0000	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0000	0.0000	16:15	105	0.0000	0.0000	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0018	1.7747	16:30	105	0.0000	0.0000	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0028	2.8439	16:45	105	0.0000	0.0000	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0002	0.2127	17:00	105	0.0000	0.0000	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0066	6.5891	17:15	105	0.0000	0.0000	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0019	1.8873	17:30	105	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0055	5.5411	17:45	105	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0097	9.6517	18:00	105	0.0000	0.0000	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0160	16.0392	18:15	105	0.0000	0.0000	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0177	17.7041	18:30	105	0.0000	0.0000	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0162	16.2175	18:45	105	0.0000	0.0000	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0173	17.3005	19:00	105	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0180	17.9548	19:15	105	0.0000	0.0000	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0155	15.4965	19:30	105	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0216	21.5770	19:45	105	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0250	24.9787	20:00	105	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0241	24.0605	20:15	105	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0199	19.8925	20:30	105	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0221	22.1363	20:45	105	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0212	21.1848	21:00	105	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0193	19.2669	21:15	105	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0197	19.6762	21:30	105	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0185	18.5199	21:45	105	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0230	23.0006	22:00	105	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0231	23.1166	22:15	105	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0214	21.4373	22:30	105	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0212	21.2179	22:45	105	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0207	20.6520	23:00	105	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0240	23.9675	23:15	105	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0258	25.7762	23:30	105	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0281	28.1398	23:45	105	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.18	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)																
11/10/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/10/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/10/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/10/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0297	29.7077	0:00	105	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0280	27.9640	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0277	27.6916	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0287	28.6854	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0324	32.4425	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0313	31.2780	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0304	30.4177	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0274	27.3938	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0291	29.0979	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0318	31.8023	2:15	105	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0324	32.3545	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0360	36.0228	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0346	34.5916	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0347	34.6996	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0349	34.9464	3:30	105	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0342	34.2094	3:45	105	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0324	32.4417	4:00	105	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0323	32.3477	4:15	105	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0310	31.0317	4:30	105	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0327	32.7216	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0411	41.1397	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0433	43.2729	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0448	44.8380	5:30	105	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0420	41.9614	5:45	105	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0443	44.3281	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0440	44.0432	6:15	105	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0434	43.4078	6:30	105	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0444	44.3560	6:45	105	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0453	45.3369	7:00	105	0.0002	0.2479	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0453	45.2573	7:15	105	0.0015	1.4613	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0475	47.4608	7:30	105	0.0032	3.1878	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0499	49.9050	7:45	105	0.0019	1.8969	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0516	51.6161	8:00	105	0.0015	1.4630	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0541	54.1470	8:15	105	0.0011	1.0535	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0555	55.4516	8:30	105	0.0011	1.1144	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0563	56.2738	8:45	105	0.0012	1.2113	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	

9:00	88	0.0606	60.6449	9:00	105	0.0030	2.9824	9:00	N/A	0	0.0000	9:00	57	0.0000	0.0000	
9:15	88	0.0606	60.6197	9:15	105	0.0003	0.3473	9:15	N/A	0	0.0000	9:15	57	0.0000	0.0000	
9:30	88	0.0612	61.1637	9:30	105	0.0004	0.3742	9:30	N/A	0	0.0000	9:30	57	0.0000	0.0000	
9:45	88	0.0627	62.6567	9:45	105	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0660	66.0121	10:00	105	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
10:15	88	0.0643	64.2631	10:15	105	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0000	
10:30	88	0.0648	64.8453	10:30	105	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0000	
10:45	88	0.0677	67.6667	10:45	105	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	57	0.0000	0.0000	
11:00	88	0.0671	67.0586	11:00	105	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	57	0.0000	0.0000	
11:15	88	0.0677	67.6782	11:15	105	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	
11:30	88	0.0718	71.8186	11:30	105	0.0019	1.8870	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	
11:45	88	0.0698	69.7647	11:45	105	0.0006	0.6000	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	
12:00	88	0.0727	72.6763	12:00	105	0.0029	2.8911	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0688	68.7541	12:15	105	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0717	71.6538	12:30	105	0.0010	0.9843	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0000	
12:45	88	0.0769	76.9467	12:45	105	0.0035	3.4886	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
13:00	88	0.0793	79.2905	13:00	105	0.0045	4.4892	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0759	75.8776	13:15	105	0.0028	2.7571	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0707	70.7063	13:30	105	0.0000	0.0000	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0712	71.2343	13:45	105	0.0000	0.0000	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0721	72.1161	14:00	105	0.0001	0.1478	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0751	75.1234	14:15	105	0.0012	1.1747	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0757	75.7321	14:30	105	0.0008	0.8392	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0804	80.4196	14:45	105	0.0020	1.9548	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0802	80.2084	15:00	105	0.0018	1.8445	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0834	83.4000	15:15	105	0.0026	2.6028	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0821	82.0606	15:30	105	0.0018	1.7868	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0846	84.6303	15:45	105	0.0023	2.3402	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0854	85.4326	16:00	105	0.0026	2.6374	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0853	85.3153	16:15	105	0.0028	2.7627	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0865	86.5162	16:30	105	0.0028	2.7831	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0871	87.1141	16:45	105	0.0024	2.4266	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0873	87.3315	17:00	105	0.0017	1.7053	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0865	86.4804	17:15	105	0.0012	1.1617	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0869	86.9467	17:30	105	0.0012	1.1920	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0873	87.2826	17:45	105	0.0011	1.1379	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0875	87.4729	18:00	105	0.0015	1.4814	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0877	87.7057	18:15	105	0.0016	1.5887	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0875	87.4826	18:30	105	0.0011	1.0589	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0876	87.6272	18:45	105	0.0009	0.8608	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0875	87.5134	19:00	105	0.0007	0.7311	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0865	86.4707	19:15	105	0.0001	0.0699	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0868	86.7667	19:30	105	0.0000	0.0342	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0867	86.7448	19:45	105	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0879	87.8657	20:00	105	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0880	87.9540	20:15	105	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:20	88	0.0875	87.5228	20:30	105	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:25	88	0.0880	88.0396	20:45	105	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	*See Field Investigation Below
20:30	88	0.0882	88.2490	21:00	105	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	*See Field Investigation Below
20:35	88	0.0888	88.7953	21:15	105	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	*See Field Investigation Below
20:40	88	0.0887	88.6678	21:30	105	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	*See Field Investigation Below
20:45	88	0.0887	88.7454	21:45	105	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	*See Field Investigation Below
20:50	88	0.0887	88.7064	22:00	105	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	*See Field Investigation Below
20:55	88	0.0897	89.7241	22:15	105	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	*See Field Investigation Below
21:00	88	0.0890	88.9853	22:30	105	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	*See Field Investigation Below
21:05	88	0.0883	88.3043	22:45	105	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	*See Field Investigation Below
21:10	88	0.0890	88.9722	23:00	105	0.0000	0.0293	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	*See Field Investigation Below
21:15	88	0.0883	88.2620	23:15	105	0.0004	0.3563	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	*See Field Investigation Below

21:20	88	0.0885	88.4782	23:30	105	0.0001	0.0514	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	*See Field Investigation Below
21:25	88	0.0879	87.8715	23:45	105	0.0000	0.0112	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	
21:30	88	0.0849	84.8514													
21:45	88	0.0843	84.2909													
22:00	88	0.0852	85.2418													
22:15	88	0.0876	87.6481													
22:30	88	0.0876	87.6218													
22:35	88	0.0878	87.7951													
22:40	88	0.0878	87.8328													
22:45	88	0.0885	88.4944													*See Field Investigation Below
22:50	88	0.0885	88.4868													*See Field Investigation Below
22:55	88	0.0882	88.2089													*See Field Investigation Below
23:00	88	0.0884	88.3664													*See Field Investigation Below
23:05	88	0.0888	88.8048													*See Field Investigation Below
23:10	88	0.0895	89.5018													*See Field Investigation Below
23:15	88	0.0894	89.3567													*See Field Investigation Below
23:20	88	0.0891	89.0688													*See Field Investigation Below
23:25	88	0.0896	89.6390													*See Field Investigation Below
23:30	88	0.0904	90.4090													*See Field Investigation Below
23:35	88	0.0902	90.1809													*See Field Investigation Below
23:40	88	0.0895	89.4710													*See Field Investigation Below
23:45	88	0.0895	89.5337													*See Field Investigation Below
23:50	88	0.0896	89.5864													*See Field Investigation Below
23:55	88	0.0897	89.6510													*See Field Investigation Below

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

11/11/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/11/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/11/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/11/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0898	89.8477	0:00	105	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	*See Field Investigation Below
0:05	88	0.0899	89.9322	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	*See Field Investigation Below
0:10	88	0.0899	89.8722	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	*See Field Investigation Below
0:15	88	0.0899	89.9236	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	*See Field Investigation Below
0:20	88	0.0897	89.7205	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	*See Field Investigation Below
0:25	88	0.0896	89.5727	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	*See Field Investigation Below
0:30	88	0.0896	89.5845	1:30	105	0.0002	0.2025	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	*See Field Investigation Below
0:35	88	0.0895	89.5455	1:45	105	0.0008	0.8224	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	*See Field Investigation Below
0:40	88	0.0896	89.6488	2:00	105	0.0019	1.9437	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	*See Field Investigation Below
0:45	88	0.0897	89.6653	2:15	105	0.0023	2.2738	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	*See Field Investigation Below
0:50	88	0.0894	89.4463	2:30	105	0.0026	2.5567	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	*See Field Investigation Below
0:55	88	0.0897	89.7057	2:45	105	0.0019	1.9083	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	*See Field Investigation Below
1:00	88	0.0896	89.6125	3:00	105	0.0033	3.2638	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	*See Field Investigation Below
1:05	88	0.0896	89.5902	3:15	105	0.0036	3.6220	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	*See Field Investigation Below
1:10	88	0.0897	89.7102	3:30	105	0.0036	3.6090	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0086	*See Field Investigation Below
1:15	88	0.0898	89.7695	3:45	105	0.0038	3.8419	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0046	*See Field Investigation Below
1:20	88	0.0897	89.6977	4:00	105	0.0037	3.6951	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	*See Field Investigation Below
1:25	88	0.0896	89.5755	4:15	105	0.0037	3.6898	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0166	*See Field Investigation Below
1:30	88	0.0898	89.8239	4:30	105	0.0022	2.1990	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	*See Field Investigation Below
1:35	88	0.0901	90.0593	4:45	105	0.0020	2.0098	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	*See Field Investigation Below
1:40	88	0.0903	90.2677	5:00	105	0.0029	2.8724	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	*See Field Investigation Below
1:45	88	0.0909	90.9107	5:15	105	0.0024	2.4498	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	*See Field Investigation Below
1:50	88	0.0916	91.6216	5:30	105	0.0030	2.9530	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	*See Field Investigation Below
1:55	88	0.0922	92.1511	5:45	105	0.0024	2.4312	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	*See Field Investigation Below
2:00	88	0.0929	92.8567	6:00	105	0.0024	2.3706	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	*See Field Investigation Below
2:05	88	0.0934	93.3696	6:15	105	0.0016	1.6465	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	*See Field Investigation Below
2:10	88	0.0931	93.0601	6:30	105	0.0009	0.8731	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	*See Field Investigation Below
2:15	88	0.0931	93.0836	6:45	105	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	*See Field Investigation Below
2:20	88	0.0926	92.5930	7:00	105	0.0008	0.8039	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	*See Field Investigation Below
2:25	88	0.0923	92.3027	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	*See Field Investigation Below
2:30	88	0.0926	92.6222	7:30	105	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	*See Field Investigation Below
2:35	88	0.0935	93.4890	7:45	105	0.0007	0.6970	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	*See Field Investigation Below
2:40	88	0.0918	91.8212	8:00	105	0.0018	1.8369	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	*See Field Investigation Below
2:45	88	0.0858	85.8074	8:15	105	0.0017	1.7352	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0021	*See Field Investigation Below
2:50	88	0.0893	89.2531	8:30	105	0.0019	1.9202	8:30	N/A	0	0.0000	8:30	57	0.0002	0.2094	*See Field Investigation Below
2:55	88	0.0911	91.0984	8:45	105	0.0022	2.2110	8:45	N/A	0	0.0000	8:45	57	0.0006	0.5799	*See Field Investigation Below
3:00	88	0.0903	90.2922	9:00	105	0.0034	3.4468	9:00	N/A	0	0.0000	9:00	57	0.0013	1.3154	*See Field Investigation Below
3:05	88	0.0897	89.7104	9:15	105	0.0042	4.1687	9:15	N/A	0	0.0000	9:15	57	0.0015	1.5345	*See Field Investigation Below
3:10	88	0.0894	89.4023	9:30	105	0.0041	4.0588	9:30	N/A	0	0.0000	9:30	57	0.0013	1.3318	*See Field Investigation Below
3:15	88	0.0892	89.2034	9:45	105	0.0040	3.9863	9:45	N/A	0	0.0000	9:45	57	0.0011	1.0781	*See Field Investigation Below
3:20	88	0.0888	88.7788	10:00	105	0.0034	3.4429	10:00	N/A	0	0.0000	10:00	57	0.0005	0.5246	*See Field Investigation Below
3:25	88	0.0888	88.8177	10:15	105	0.0032	3.2125	10:15	N/A	0	0.0000	10:15	57	0.0001	0.1342	*See Field Investigation Below
3:30	88	0.0888	88.7778	10:30	105	0.0031	3.0918	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0266	*See Field Investigation Below
3:35	88	0.0882	88.1987	10:45	105	0.0031	3.0943	10:45	N/A	0	0.0000	10:45	57	0.0000	0.0000	*See Field Investigation Below
3:40	88	0.0888	88.8371	11:00	105	0.0033	3.2587	11:00	N/A	0	0.0000	11:00	57	0.0000	0.0000	*See Field Investigation Below
3:45	88	0.0890	88.9632	11:15	105	0.0032	3.1839	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	*See Field Investigation Below
3:50	88	0.0888	88.8020	11:30	105	0.0032	3.2065	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	*See Field Investigation Below

3:55	88	0.0887	88.7202	11:45	105	0.0029	2.9201	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	*See Field Investigation Below
4:00	88	0.0879	87.8928	12:00	105	0.0026	2.6172	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
4:15	88	0.0870	87.0412	12:15	105	0.0026	2.5980	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
4:30	88	0.0832	83.1731	12:30	105	0.0023	2.3414	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0000	
4:45	88	0.0822	82.1540	12:45	105	0.0027	2.6997	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
5:00	88	0.0843	84.2550	13:00	105	0.0029	2.8802	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
5:15	88	0.0827	82.7491	13:15	105	0.0028	2.8324	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
5:30	88	0.0815	81.4581	13:30	105	0.0026	2.5687	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
5:45	88	0.0815	81.4578	13:45	105	0.0028	2.8111	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
6:00	88	0.0807	80.6955	14:00	105	0.0028	2.8053	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
6:15	88	0.0780	77.9801	14:15	105	0.0026	2.6430	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
6:30	88	0.0749	74.9202	14:30	105	0.0021	2.1074	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
6:45	88	0.0719	71.8638	14:45	105	0.0018	1.7573	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
7:00	88	0.0742	74.1746	15:00	105	0.0018	1.7970	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
7:15	88	0.0718	71.8312	15:15	105	0.0020	1.9997	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
7:30	88	0.0708	70.8467	15:30	105	0.0025	2.5494	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
7:45	88	0.0746	74.6118	15:45	105	0.0023	2.3452	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
8:00	88	0.0794	79.4450	16:00	105	0.0023	2.2802	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
8:15	88	0.0798	79.7810	16:15	105	0.0022	2.2412	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
8:30	88	0.0790	79.0014	16:30	105	0.0020	1.9643	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
8:45	88	0.0792	79.1733	16:45	105	0.0018	1.7607	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
9:00	88	0.0790	79.0171	17:00	105	0.0014	1.3919	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
9:15	88	0.0783	78.3418	17:15	105	0.0015	1.4712	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
9:30	88	0.0774	77.4339	17:30	105	0.0019	1.8920	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
9:45	88	0.0775	77.5131	17:45	105	0.0021	2.1389	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
10:00	88	0.0748	74.8021	18:00	105	0.0017	1.6801	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
10:15	88	0.0712	71.1988	18:15	105	0.0019	1.9117	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
10:30	88	0.0720	71.9963	18:30	105	0.0020	1.9626	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
10:45	88	0.0727	72.7491	18:45	105	0.0020	2.0179	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
11:00	88	0.0727	72.6523	19:00	105	0.0024	2.3876	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
11:15	88	0.0724	72.4245	19:15	105	0.0031	3.1292	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
11:30	88	0.0723	72.3350	19:30	105	0.0056	5.6175	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
11:45	88	0.0725	72.4668	19:45	105	0.0137	13.7068	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
12:00	88	0.0728	72.7600	20:00	105	0.0155	15.4686	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
12:15	88	0.0723	72.3409	20:15	105	0.0163	16.3179	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
12:30	88	0.0722	72.1857	20:30	105	0.0081	8.0704	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
12:45	88	0.0728	72.7513	20:45	105	0.0146	14.6053	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
13:00	88	0.0724	72.4192	21:00	105	0.0153	15.3251	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
13:15	88	0.0740	73.9826	21:15	105	0.0145	14.5295	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
13:30	88	0.0735	73.4904	21:30	105	0.0139	13.8744	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
13:45	88	0.0737	73.7415	21:45	105	0.0134	13.4148	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
14:00	88	0.0744	74.4470	22:00	105	0.0139	13.8512	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
14:15	88	0.0745	74.5308	22:15	105	0.0142	14.1874	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
14:30	88	0.0757	75.6931	22:30	105	0.0140	14.0257	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
14:45	88	0.0753	75.3260	22:45	105	0.0108	10.8168	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
15:00	88	0.0758	75.8156	23:00	105	0.0081	8.0801	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
15:15	88	0.0774	77.3577	23:15	105	0.0079	7.9208	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
15:30	88	0.0772	77.1854	23:30	105	0.0075	7.5208	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
15:45	88	0.0766	76.5517	23:45	105	0.0055	5.5432	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	
16:00	88	0.0768	76.8430													
16:15	88	0.0766	76.6015													
16:30	88	0.0768	76.7743													
16:45	88	0.0761	76.1244													
17:00	88	0.0756	75.6377													
17:15	88	0.0753	75.3466													
17:30	88	0.0761	76.1406													
17:45	88	0.0761	76.1275													
18:00	88	0.0752	75.1806													



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

11/12/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/12/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/12/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/12/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0612	61.1897	0:00	105	0.0067	6.6609	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0640	64.0288	0:15	105	0.0108	10.8475	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0657	65.6768	0:30	105	0.0122	12.1542	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0649	64.9255	0:45	105	0.0119	11.8574	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0635	63.4606	1:00	105	0.0115	11.5066	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0635	63.4855	1:15	105	0.0095	9.5207	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0641	64.1171	1:30	105	0.0113	11.3309	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0612	61.1986	1:45	105	0.0097	9.6682	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0583	58.2614	2:00	105	0.0039	3.9050	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0562	56.1544	2:15	105	0.0052	5.1827	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0540	54.0391	2:30	105	0.0032	3.1812	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0564	56.3958	2:45	105	0.0055	5.5403	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0601	60.0572	3:00	105	0.0097	9.6705	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0599	59.8594	3:15	105	0.0096	9.5736	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0600	59.9965	3:30	105	0.0093	9.2635	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0599	59.8812	3:45	105	0.0097	9.6785	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0595	59.5463	4:00	105	0.0097	9.7105	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0600	60.0224	4:15	105	0.0098	9.7691	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0604	60.3830	4:30	105	0.0098	9.8413	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0610	60.9601	4:45	105	0.0095	9.5456	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0585	58.5210	5:00	105	0.0067	6.7204	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0542	54.2154	5:15	105	0.0008	0.7978	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0559	55.8906	5:30	105	0.0013	1.3303	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0600	60.0004	5:45	105	0.0062	6.1931	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0599	59.8645	6:00	105	0.0055	5.5474	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0530	53.0284	6:15	105	0.0002	0.1647	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0523	52.2558	6:30	105	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0545	54.4770	6:45	105	0.0003	0.2977	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0562	56.1713	7:00	105	0.0064	6.3963	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0521	52.0572	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0517	51.6723	7:30	105	0.0000	0.0023	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0529	52.8708	7:45	105	0.0024	2.4053	7:45	N/A	0	0.0000	7:45	57	0.0001	0.0911	
8:00	88	0.0537	53.6924	8:00	105	0.0021	2.1447	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0285	
8:15	88	0.0485	48.5005	8:15	105	0.0000	0.0020	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0494	49.4138	8:30	105	0.0021	2.1359	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0487	48.7032	8:45	105	0.0040	3.9898	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	
9:00	88	0.0443	44.2897	9:00	105	0.0001	0.0965	9:00	N/A	0	0.0000	9:00	57	0.0006	0.6446	
9:15	88	0.0432	43.2110	9:15	105	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	57	0.0002	0.2394	
9:30	88	0.0420	41.9794	9:30	105	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	57	0.0000	0.0000	
9:45	88	0.0405	40.5076	9:45	105	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0363	36.2838	10:00	105	0.0000	0.0102	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
10:15	88	0.0200	20.0487	10:15	105	0.0109	10.8502	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0000	
10:30	88	0.0000	0.0000	10:30	105	0.0017	1.7275	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0000	
10:45	88	0.0000	0.0000	10:45	105	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	57	0.0000	0.0000	
11:00	88	0.0000	0.0000	11:00	105	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	57	0.0000	0.0000	
11:15	88	0.0002	0.1573	11:15	105	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	
11:30	88	0.0005	0.4863	11:30	105	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	
11:45	88	0.0000	0.0000	11:45	105	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	

12:00	88	0.0000	0.0000	12:00	105	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0000	0.0000	12:15	105	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0000	0.0000	12:30	105	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0000	
12:45	88	0.0000	0.0000	12:45	105	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
13:00	88	0.0000	0.0000	13:00	105	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0000	0.0000	13:15	105	0.0000	0.0000	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0000	0.0000	13:30	105	0.0000	0.0000	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0000	0.0000	13:45	105	0.0000	0.0000	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0000	0.0000	14:00	105	0.0000	0.0000	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0000	0.0480	14:15	105	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0002	0.1616	14:30	105	0.0000	0.0000	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0000	0.0000	14:45	105	0.0000	0.0000	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0000	0.0000	15:00	105	0.0000	0.0000	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0000	0.0000	15:15	105	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0000	0.0000	15:30	105	0.0000	0.0000	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0000	0.0000	15:45	105	0.0000	0.0000	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0000	0.0000	16:00	105	0.0000	0.0000	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0000	0.0000	16:15	105	0.0000	0.0000	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0000	0.0474	16:30	105	0.0000	0.0000	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0004	0.3790	16:45	105	0.0000	0.0000	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0002	0.1921	17:00	105	0.0000	0.0000	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0017	1.7171	17:15	105	0.0000	0.0000	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0017	1.6828	17:30	105	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0032	3.2437	17:45	105	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0044	4.4223	18:00	105	0.0000	0.0000	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0000	0.0000	18:15	105	0.0000	0.0000	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0000	0.0000	18:30	105	0.0000	0.0000	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0000	0.0000	18:45	105	0.0000	0.0000	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0001	0.0709	19:00	105	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0016	1.5708	19:15	105	0.0002	0.2021	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0010	1.0286	19:30	105	0.0001	0.1324	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0000	0.0000	19:45	105	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0000	0.0000	20:00	105	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0000	0.0000	20:15	105	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0000	0.0000	20:30	105	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0000	0.0000	20:45	105	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0000	0.0000	21:00	105	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0000	0.0000	21:15	105	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0000	0.0000	21:30	105	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0000	0.0000	21:45	105	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0000	0.0000	22:00	105	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0000	0.0008	22:15	105	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0009	0.8772	22:30	105	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0002	0.2372	22:45	105	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0000	0.0154	23:00	105	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0000	0.0000	23:15	105	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0000	0.0000	23:30	105	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0000	0.0000	23:45	105	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/13/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/13/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/13/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/13/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0000	0.0000	0:00	105	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0000	0.0000	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0000	0.0000	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0000	0.0000	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0000	0.0000	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0000	0.0000	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0000	0.0000	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0000	0.0000	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0000	0.0000	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0000	0.0000	2:15	105	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0000	0.0000	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0000	0.0000	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0000	0.0000	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0000	0.0000	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0000	0.0000	3:30	105	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0000	0.0000	3:45	105	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0000	0.0000	4:00	105	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0000	0.0000	4:15	105	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0000	0.0000	4:30	105	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0000	0.0000	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0000	0.0000	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0000	0.0000	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0000	0.0000	5:30	105	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0000	0.0000	5:45	105	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0000	0.0000	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0000	0.0000	6:15	105	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0000	0.0000	6:30	105	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0000	0.0000	6:45	105	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0000	0.0000	7:00	105	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0000	0.0000	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0000	0.0000	7:30	105	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0000	0.0000	7:45	105	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0000	0.0000	8:00	105	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0000	0.0000	8:15	105	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0000	0.0000	8:30	105	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0000	0.0000	8:45	105	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	
9:00	88	0.0000	0.0000	9:00	105	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	57	0.0000	0.0000	
9:15	88	0.0000	0.0000	9:15	105	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	57	0.0000	0.0000	
9:30	88	0.0000	0.0000	9:30	105	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	57	0.0000	0.0000	
9:45	88	0.0000	0.0000	9:45	105	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	57	0.0004	0.4425	
10:00	88	0.0000	0.0000	10:00	105	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	57	0.0034	3.4488	
10:15	88	0.0000	0.0000	10:15	105	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	57	0.0062	6.1748	
10:30	88	0.0000	0.0000	10:30	105	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	57	0.0074	7.3996	
10:45	88	0.0000	0.0000	10:45	105	0.0000	0.0000	10:45	N/A	4.432E-05	0.0443	10:45	57	0.0079	7.9422	
11:00	88	0.0000	0.0000	11:00	105	0.0000	0.0000	11:00	N/A	0.0003547	0.3547	11:00	57	0.0087	8.6714	
11:15	88	0.0000	0.0000	11:15	105	0.0000	0.0000	11:15	N/A	0.0003282	0.3282	11:15	57	0.0097	9.6583	
11:30	88	0.0000	0.0000	11:30	105	0.0000	0.0000	11:30	N/A	0.0018925	1.8925	11:30	57	0.0104	10.4408	
11:45	88	0.0000	0.0000	11:45	105	0.0000	0.0000	11:45	N/A	0.002316	2.3160	11:45	57	0.0113	11.2958	

12:00	88	0.0000	0.0000	12:00	105	0.0000	0.0000	12:00	N/A	0.0026949	2.6949	12:00	57	0.0123	12.3276	
12:15	88	0.0000	0.0000	12:15	105	0.0000	0.0000	12:15	N/A	0.0024013	2.4013	12:15	57	0.0130	13.0050	
12:30	88	0.0000	0.0000	12:30	105	0.0000	0.0000	12:30	N/A	0.003308	3.3080	12:30	57	0.0134	13.3569	
12:45	88	0.0000	0.0000	12:45	105	0.0000	0.0000	12:45	N/A	0.0034915	3.4915	12:45	57	0.0138	13.8489	
13:00	88	0.0000	0.0000	13:00	105	0.0001	0.0756	13:00	N/A	0.0046884	4.6884	13:00	57	0.0143	14.3090	
13:15	88	0.0000	0.0000	13:15	105	0.0010	0.9796	13:15	N/A	0.0065297	6.5297	13:15	57	0.0146	14.5991	
13:30	88	0.0000	0.0000	13:30	105	0.0012	1.1825	13:30	N/A	0.0088485	8.8485	13:30	57	0.0144	14.4200	
13:45	88	0.0000	0.0000	13:45	105	0.0031	3.1275	13:45	N/A	0.0073456	7.3456	13:45	57	0.0143	14.3469	
14:00	88	0.0000	0.0000	14:00	105	0.0023	2.3489	14:00	N/A	0.00681	6.8100	14:00	57	0.0142	14.1570	
14:15	88	0.0000	0.0000	14:15	105	0.0017	1.7058	14:15	N/A	0.0069407	6.9407	14:15	57	0.0137	13.7026	
14:30	88	0.0000	0.0000	14:30	105	0.0016	1.5773	14:30	N/A	0.0072916	7.2916	14:30	57	0.0134	13.3784	
14:45	88	0.0000	0.0000	14:45	105	0.0018	1.7671	14:45	N/A	0.0079115	7.9115	14:45	57	0.0135	13.4801	
15:00	88	0.0000	0.0000	15:00	105	0.0007	0.7269	15:00	N/A	0.0074361	7.4361	15:00	57	0.0137	13.7057	
15:15	88	0.0000	0.0000	15:15	105	0.0031	3.0511	15:15	N/A	0.0073177	7.3177	15:15	57	0.0142	14.1533	
15:30	88	0.0000	0.0000	15:30	105	0.0020	2.0133	15:30	N/A	0.0074605	7.4605	15:30	57	0.0142	14.1902	
15:45	88	0.0000	0.0000	15:45	105	0.0025	2.5406	15:45	N/A	0.0079139	7.9139	15:45	57	0.0140	13.9899	
16:00	88	0.0000	0.0000	16:00	105	0.0031	3.1477	16:00	N/A	0.0075134	7.5134	16:00	57	0.0138	13.7503	
16:15	88	0.0000	0.0000	16:15	105	0.0021	2.0614	16:15	N/A	0.0072784	7.2784	16:15	57	0.0135	13.5338	
16:30	88	0.0000	0.0000	16:30	105	0.0015	1.4878	16:30	N/A	0.0066797	6.6797	16:30	57	0.0135	13.4680	
16:45	88	0.0000	0.0000	16:45	105	0.0024	2.3850	16:45	N/A	0.0068366	6.8366	16:45	57	0.0131	13.1226	
17:00	88	0.0000	0.0000	17:00	105	0.0017	1.7035	17:00	N/A	0.0067029	6.7029	17:00	57	0.0126	12.6426	
17:15	88	0.0000	0.0000	17:15	105	0.0011	1.0678	17:15	N/A	0.0069623	6.9623	17:15	57	0.0127	12.6577	
17:30	88	0.0000	0.0000	17:30	105	0.0008	0.8450	17:30	N/A	0.006712	6.7120	17:30	57	0.0126	12.5758	
17:45	88	0.0000	0.0000	17:45	105	0.0005	0.5276	17:45	N/A	0.0078115	7.8115	17:45	57	0.0123	12.2608	
18:00	88	0.0000	0.0000	18:00	105	0.0005	0.5360	18:00	N/A	0.0071147	7.1147	18:00	57	0.0121	12.1134	
18:15	88	0.0000	0.0000	18:15	105	0.0004	0.4099	18:15	N/A	0.0064574	6.4574	18:15	57	0.0121	12.0794	
18:30	88	0.0000	0.0000	18:30	105	0.0001	0.0594	18:30	N/A	0.0064092	6.4092	18:30	57	0.0119	11.8633	
18:45	88	0.0000	0.0000	18:45	105	0.0000	0.0000	18:45	N/A	0.0060364	6.0364	18:45	57	0.0117	11.6560	
19:00	88	0.0000	0.0000	19:00	105	0.0000	0.0000	19:00	N/A	0.0057068	5.7068	19:00	57	0.0115	11.4670	
19:15	88	0.0000	0.0000	19:15	105	0.0000	0.0000	19:15	N/A	0.0051227	5.1227	19:15	57	0.0111	11.0539	
19:30	88	0.0000	0.0000	19:30	105	0.0000	0.0000	19:30	N/A	0.0050597	5.0597	19:30	57	0.0106	10.6422	
19:45	88	0.0000	0.0000	19:45	105	0.0000	0.0000	19:45	N/A	0.0051367	5.1367	19:45	57	0.0104	10.4348	
20:00	88	0.0000	0.0000	20:00	105	0.0000	0.0000	20:00	N/A	0.00499	4.9900	20:00	57	0.0105	10.5239	
20:15	88	0.0000	0.0000	20:15	105	0.0000	0.0000	20:15	N/A	0.0055086	5.5086	20:15	57	0.0111	11.1037	
20:30	88	0.0000	0.0000	20:30	105	0.0000	0.0000	20:30	N/A	0.0055168	5.5168	20:30	57	0.0116	11.6441	
20:45	88	0.0000	0.0000	20:45	105	0.0000	0.0000	20:45	N/A	0.0057129	5.7129	20:45	57	0.0116	11.6249	
21:00	88	0.0000	0.0000	21:00	105	0.0000	0.0000	21:00	N/A	0.0057699	5.7699	21:00	57	0.0115	11.4668	
21:15	88	0.0000	0.0000	21:15	105	0.0000	0.0000	21:15	N/A	0.0064187	6.4187	21:15	57	0.0114	11.3869	
21:30	88	0.0000	0.0000	21:30	105	0.0000	0.0000	21:30	N/A	0.0065291	6.5291	21:30	57	0.0113	11.3052	
21:45	88	0.0000	0.0000	21:45	105	0.0000	0.0000	21:45	N/A	0.0067575	6.7575	21:45	57	0.0112	11.2435	
22:00	88	0.0000	0.0000	22:00	105	0.0000	0.0000	22:00	N/A	0.0064945	6.4945	22:00	57	0.0113	11.3458	
22:15	88	0.0000	0.0000	22:15	105	0.0000	0.0000	22:15	N/A	0.0059452	5.9452	22:15	57	0.0116	11.5685	
22:30	88	0.0000	0.0000	22:30	105	0.0000	0.0000	22:30	N/A	0.0059696	5.9696	22:30	57	0.0118	11.7942	
22:45	88	0.0000	0.0000	22:45	105	0.0000	0.0000	22:45	N/A	0.0051479	5.1479	22:45	57	0.0120	12.0497	
23:00	88	0.0000	0.0000	23:00	105	0.0000	0.0000	23:00	N/A	0.0053845	5.3845	23:00	57	0.0120	12.0269	
23:15	88	0.0000	0.0000	23:15	105	0.0000	0.0000	23:15	N/A	0.0064545	6.4545	23:15	57	0.0118	11.7607	
23:30	88	0.0000	0.0000	23:30	105	0.0000	0.0000	23:30	N/A	0.0074367	7.4367	23:30	57	0.0115	11.4602	
23:45	88	0.0000	0.0000	23:45	105	0.0000	0.0000	23:45	N/A	0.0074913	7.4913	23:45	57	0.0111	11.1489	



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

11/14/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/14/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/14/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/14/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0000	0.0000	0:00	105	0.0000	0.0000	0:00	N/A	0.0073271	7.3271	0:00	57	0.0109	10.8905	
0:15	88	0.0000	0.0000	0:15	105	0.0000	0.0000	0:15	N/A	0.0059278	5.9278	0:15	57	0.0105	10.5077	
0:30	88	0.0000	0.0000	0:30	105	0.0000	0.0000	0:30	N/A	0.0056665	5.6665	0:30	57	0.0101	10.1457	
0:45	88	0.0000	0.0000	0:45	105	0.0000	0.0000	0:45	N/A	0.0056067	5.6067	0:45	57	0.0099	9.9304	
1:00	88	0.0000	0.0000	1:00	105	0.0000	0.0000	1:00	N/A	0.0048449	4.8449	1:00	57	0.0097	9.6669	
1:15	88	0.0000	0.0000	1:15	105	0.0000	0.0000	1:15	N/A	0.0048591	4.8591	1:15	57	0.0094	9.4121	
1:30	88	0.0002	0.1626	1:30	105	0.0000	0.0000	1:30	N/A	0.0041782	4.1782	1:30	57	0.0092	9.1693	
1:45	88	0.0010	1.0090	1:45	105	0.0000	0.0000	1:45	N/A	0.0035312	3.5312	1:45	57	0.0089	8.9175	
2:00	88	0.0023	2.3350	2:00	105	0.0000	0.0000	2:00	N/A	0.0033907	3.3907	2:00	57	0.0088	8.7944	
2:15	88	0.0034	3.4368	2:15	105	0.0000	0.0000	2:15	N/A	0.002669	2.6690	2:15	57	0.0087	8.7470	
2:30	88	0.0050	4.9941	2:30	105	0.0000	0.0000	2:30	N/A	0.0020459	2.0459	2:30	57	0.0085	8.5427	
2:45	88	0.0061	6.1339	2:45	105	0.0000	0.0000	2:45	N/A	0.0008826	0.8826	2:45	57	0.0082	8.2353	
3:00	88	0.0063	6.3437	3:00	105	0.0000	0.0000	3:00	N/A	0.0014966	1.4966	3:00	57	0.0080	8.0053	
3:15	88	0.0060	5.9714	3:15	105	0.0000	0.0000	3:15	N/A	0.0010177	1.0177	3:15	57	0.0079	7.9079	
3:30	88	0.0058	5.7904	3:30	105	0.0000	0.0000	3:30	N/A	0.0010587	1.0587	3:30	57	0.0080	8.0001	
3:45	88	0.0060	6.0108	3:45	105	0.0000	0.0000	3:45	N/A	0.0005138	0.5138	3:45	57	0.0081	8.1057	
4:00	88	0.0061	6.0657	4:00	105	0.0000	0.0000	4:00	N/A	0.0011629	1.1629	4:00	57	0.0082	8.1677	
4:15	88	0.0067	6.7487	4:15	105	0.0000	0.0000	4:15	N/A	0.0004999	0.4999	4:15	57	0.0081	8.1229	
4:30	88	0.0062	6.2077	4:30	105	0.0000	0.0000	4:30	N/A	0.0012115	1.2115	4:30	57	0.0082	8.1573	
4:45	88	0.0061	6.0758	4:45	105	0.0000	0.0000	4:45	N/A	0.0009615	0.9615	4:45	57	0.0081	8.0711	
5:00	88	0.0061	6.1177	5:00	105	0.0000	0.0000	5:00	N/A	0.0009604	0.9604	5:00	57	0.0081	8.0861	
5:15	88	0.0066	6.5892	5:15	105	0.0000	0.0000	5:15	N/A	0.0012159	1.2159	5:15	57	0.0081	8.0978	
5:30	88	0.0064	6.4211	5:30	105	0.0000	0.0000	5:30	N/A	0.0006411	0.6411	5:30	57	0.0081	8.1369	
5:45	88	0.0059	5.9232	5:45	105	0.0000	0.0000	5:45	N/A	0.0009227	0.9227	5:45	57	0.0081	8.1261	
6:00	88	0.0063	6.2574	6:00	105	0.0000	0.0000	6:00	N/A	0.0016433	1.6433	6:00	57	0.0081	8.0931	
6:15	88	0.0068	6.7667	6:15	105	0.0000	0.0000	6:15	N/A	0.0014922	1.4922	6:15	57	0.0081	8.1378	
6:30	88	0.0068	6.7878	6:30	105	0.0000	0.0000	6:30	N/A	0.0008525	0.8525	6:30	57	0.0081	8.1041	
6:45	88	0.0078	7.7997	6:45	105	0.0000	0.0000	6:45	N/A	0.0004549	0.4549	6:45	57	0.0081	8.0667	
7:00	88	0.0082	8.1715	7:00	105	0.0000	0.0000	7:00	N/A	0.001143	1.1430	7:00	57	0.0079	7.8661	
7:15	88	0.0071	7.0968	7:15	105	0.0000	0.0000	7:15	N/A	0.0012132	1.2132	7:15	57	0.0078	7.8284	
7:30	88	0.0080	7.9839	7:30	105	0.0000	0.0000	7:30	N/A	0.0009313	0.9313	7:30	57	0.0078	7.8443	
7:45	88	0.0148	14.7543	7:45	105	0.0000	0.0000	7:45	N/A	8.033E-05	0.0803	7:45	57	0.0074	7.3922	
8:00	88	0.0237	23.7207	8:00	105	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	57	0.0058	5.8462	
8:15	88	0.0306	30.6065	8:15	105	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	57	0.0044	4.3942	
8:30	88	0.0342	34.2189	8:30	105	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	57	0.0029	2.9052	
8:45	88	0.0371	37.1468	8:45	105	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	57	0.0014	1.3986	
9:00	88	0.0401	40.1430	9:00	105	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	57	0.0006	0.5667	
9:15	88	0.0425	42.4530	9:15	105	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	57	0.0002	0.2108	
9:30	88	0.0450	45.0153	9:30	105	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	57	0.0000	0.0047	
9:45	88	0.0467	46.7044	9:45	105	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0480	48.0027	10:00	105	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
10:15	88	0.0484	48.4138	10:15	105	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0000	
10:30	88	0.0487	48.7036	10:30	105	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0000	
10:45	88	0.0490	48.9530	10:45	105	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	57	0.0000	0.0000	
11:00	88	0.0508	50.7667	11:00	105	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	57	0.0000	0.0000	
11:15	88	0.0515	51.4948	11:15	105	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	
11:30	88	0.0520	51.9883	11:30	105	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	
11:45	88	0.0521	52.1448	11:45	105	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	

12:00	88	0.0526	52.5886	12:00	105	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0535	53.5217	12:15	105	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0538	53.8063	12:30	105	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	57	0.0002	0.1619	
12:45	88	0.0541	54.0549	12:45	105	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	57	0.0004	0.4403	
13:00	88	0.0546	54.6370	13:00	105	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0413	
13:15	88	0.0557	55.7037	13:15	105	0.0000	0.0000	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0553	55.2695	13:30	105	0.0000	0.0000	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0560	56.0360	13:45	105	0.0000	0.0000	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0565	56.5062	14:00	105	0.0000	0.0000	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0573	57.2521	14:15	105	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0573	57.3366	14:30	105	0.0000	0.0000	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0574	57.4115	14:45	105	0.0000	0.0000	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0577	57.6818	15:00	105	0.0000	0.0000	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0578	57.8494	15:15	105	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0578	57.8183	15:30	105	0.0000	0.0000	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0578	57.8432	15:45	105	0.0000	0.0000	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0579	57.8804	16:00	105	0.0000	0.0000	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0582	58.2210	16:15	105	0.0000	0.0000	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0581	58.1090	16:30	105	0.0000	0.0000	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0580	58.0360	16:45	105	0.0000	0.0000	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0587	58.7421	17:00	105	0.0000	0.0000	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0585	58.4933	17:15	105	0.0000	0.0000	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0586	58.5561	17:30	105	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0585	58.5394	17:45	105	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	57	0.0001	0.0559	
18:00	88	0.0585	58.4974	18:00	105	0.0000	0.0000	18:00	N/A	0	0.0000	18:00	57	0.0002	0.2355	
18:15	88	0.0587	58.7090	18:15	105	0.0000	0.0000	18:15	N/A	0	0.0000	18:15	57	0.0001	0.1004	
18:30	88	0.0588	58.8318	18:30	105	0.0000	0.0000	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0590	59.0300	18:45	105	0.0000	0.0000	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0591	59.1236	19:00	105	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0593	59.2853	19:15	105	0.0000	0.0000	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0594	59.3851	19:30	105	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0587	58.6877	19:45	105	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	57	0.0023	2.2904	
20:00	88	0.0584	58.4016	20:00	105	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	57	0.0009	0.9311	
20:15	88	0.0585	58.5293	20:15	105	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0003	
20:30	88	0.0589	58.9196	20:30	105	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0588	58.7970	20:45	105	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0581	58.1353	21:00	105	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0583	58.3151	21:15	105	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0584	58.3973	21:30	105	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0584	58.4164	21:45	105	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0585	58.5452	22:00	105	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0582	58.2334	22:15	105	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	57	0.0012	1.1816	
22:30	88	0.0599	59.8662	22:30	105	0.0011	1.1147	22:30	N/A	0	0.0000	22:30	57	0.0010	0.9763	
22:45	88	0.0589	58.9424	22:45	105	0.0002	0.2230	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0576	57.6477	23:00	105	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0575	57.4603	23:15	105	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0572	57.1719	23:30	105	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0569	56.9183	23:45	105	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/15/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/15/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/15/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/15/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0589	58.9461	0:00	105	0.0004	0.3617	0:00	N/A	0	0.0000	0:00	57	0.0009	0.8760	
0:15	88	0.0585	58.4833	0:15	105	0.0001	0.1344	0:15	N/A	0	0.0000	0:15	57	0.0011	1.0952	
0:30	88	0.0568	56.8475	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0003	0.2756	
0:45	88	0.0568	56.8071	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0015	1.4880	
1:00	88	0.0570	57.0427	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0023	2.2514	
1:15	88	0.0568	56.7752	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0021	2.0873	
1:30	88	0.0559	55.9309	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0019	1.8928	
1:45	88	0.0557	55.6845	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0017	1.7114	
2:00	88	0.0566	56.6006	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0015	1.4553	
2:15	88	0.0565	56.5440	2:15	105	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	57	0.0007	0.6908	
2:30	88	0.0561	56.0560	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0001	0.1156	
2:45	88	0.0558	55.8070	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0001	0.1276	
3:00	88	0.0558	55.8380	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0004	0.3770	
3:15	88	0.0562	56.1800	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0004	0.3948	
3:30	88	0.0564	56.3774	3:30	105	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	57	0.0001	0.1105	
3:45	88	0.0558	55.8338	3:45	105	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0145	
4:00	88	0.0554	55.4193	4:00	105	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0554	55.3789	4:15	105	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0545	54.4941	4:30	105	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0538	53.7783	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0543	54.2734	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0546	54.5550	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0543	54.2945	5:30	105	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0542	54.2480	5:45	105	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0543	54.2998	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0555	55.4814	6:15	105	0.0006	0.5607	6:15	N/A	0	0.0000	6:15	57	0.0008	0.8343	
6:30	88	0.0556	55.6317	6:30	105	0.0005	0.4745	6:30	N/A	0	0.0000	6:30	57	0.0018	1.8478	
6:45	88	0.0542	54.1830	6:45	105	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0543	54.2750	7:00	105	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0543	54.2896	7:15	105	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0573	57.3200	7:30	105	0.0009	0.8926	7:30	N/A	0	0.0000	7:30	57	0.0012	1.2305	
7:45	88	0.0585	58.4766	7:45	105	0.0010	0.9704	7:45	N/A	0	0.0000	7:45	57	0.0041	4.1399	
8:00	88	0.0559	55.8704	8:00	105	0.0009	0.9368	8:00	N/A	0	0.0000	8:00	57	0.0005	0.4854	
8:15	88	0.0553	55.2647	8:15	105	0.0010	1.0307	8:15	N/A	0	0.0000	8:15	57	0.0021	2.0636	
8:30	88	0.0535	53.5051	8:30	105	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0545	54.4946	8:45	105	0.0006	0.5777	8:45	N/A	0	0.0000	8:45	57	0.0011	1.0933	
9:00	88	0.0594	59.4214	9:00	105	0.0029	2.8930	9:00	N/A	0	0.0000	9:00	57	0.0067	6.6855	
9:15	88	0.0635	63.5182	9:15	105	0.0049	4.8952	9:15	N/A	0	0.0000	9:15	57	0.0090	9.0363	
9:30	88	0.0633	63.2683	9:30	105	0.0043	4.3046	9:30	N/A	0	0.0000	9:30	57	0.0085	8.4822	
9:45	88	0.0631	63.0932	9:45	105	0.0038	3.7773	9:45	N/A	0	0.0000	9:45	57	0.0086	8.6186	
10:00	88	0.0626	62.5955	10:00	105	0.0033	3.2639	10:00	N/A	0	0.0000	10:00	57	0.0088	8.7683	
10:15	88	0.0620	61.9699	10:15	105	0.0027	2.7475	10:15	N/A	0	0.0000	10:15	57	0.0080	7.9879	
10:30	88	0.0594	59.3839	10:30	105	0.0018	1.8442	10:30	N/A	0	0.0000	10:30	57	0.0071	7.0689	
10:45	88	0.0580	57.9759	10:45	105	0.0011	1.0932	10:45	N/A	0	0.0000	10:45	57	0.0056	5.6191	
11:00	88	0.0621	62.0839	11:00	105	0.0020	2.0377	11:00	N/A	0	0.0000	11:00	57	0.0084	8.4374	
11:15	88	0.0621	62.0845	11:15	105	0.0020	1.9620	11:15	N/A	0	0.0000	11:15	57	0.0087	8.6945	
11:30	88	0.0620	62.0402	11:30	105	0.0019	1.8568	11:30	N/A	0	0.0000	11:30	57	0.0092	9.1731	
11:45	88	0.0620	61.9845	11:45	105	0.0018	1.8203	11:45	N/A	0	0.0000	11:45	57	0.0092	9.1815	

12:00	88	0.0617	61.7129	12:00	105	0.0015	1.5383	12:00	N/A	0	0.0000	12:00	57	0.0085	8.4916	
12:15	88	0.0618	61.7560	12:15	105	0.0015	1.5462	12:15	N/A	0	0.0000	12:15	57	0.0081	8.1398	
12:30	88	0.0617	61.6908	12:30	105	0.0017	1.7233	12:30	N/A	0	0.0000	12:30	57	0.0087	8.7392	
12:45	88	0.0614	61.4442	12:45	105	0.0012	1.2484	12:45	N/A	0	0.0000	12:45	57	0.0082	8.2352	
13:00	88	0.0611	61.1481	13:00	105	0.0015	1.4526	13:00	N/A	0	0.0000	13:00	57	0.0076	7.5547	
13:15	88	0.0610	61.0088	13:15	105	0.0017	1.7353	13:15	N/A	0	0.0000	13:15	57	0.0069	6.8704	
13:30	88	0.0608	60.8207	13:30	105	0.0021	2.0819	13:30	N/A	0	0.0000	13:30	57	0.0068	6.8122	
13:45	88	0.0611	61.0525	13:45	105	0.0022	2.2015	13:45	N/A	0	0.0000	13:45	57	0.0071	7.1097	
14:00	88	0.0620	61.9550	14:00	105	0.0026	2.6110	14:00	N/A	0	0.0000	14:00	57	0.0077	7.7103	
14:15	88	0.0620	61.9838	14:15	105	0.0028	2.7751	14:15	N/A	0	0.0000	14:15	57	0.0074	7.4377	
14:30	88	0.0613	61.3183	14:30	105	0.0025	2.4508	14:30	N/A	0	0.0000	14:30	57	0.0077	7.6882	
14:45	88	0.0608	60.7541	14:45	105	0.0027	2.7066	14:45	N/A	0	0.0000	14:45	57	0.0083	8.2610	
15:00	88	0.0609	60.9305	15:00	105	0.0036	3.6393	15:00	N/A	0	0.0000	15:00	57	0.0084	8.4458	
15:15	88	0.0602	60.1537	15:15	105	0.0035	3.5451	15:15	N/A	0	0.0000	15:15	57	0.0083	8.3482	
15:30	88	0.0597	59.7129	15:30	105	0.0035	3.4535	15:30	N/A	0	0.0000	15:30	57	0.0077	7.7372	
15:45	88	0.0590	59.0424	15:45	105	0.0033	3.2960	15:45	N/A	0	0.0000	15:45	57	0.0076	7.5639	
16:00	88	0.0555	55.5036	16:00	105	0.0031	3.0767	16:00	N/A	0	0.0000	16:00	57	0.0027	2.7266	
16:15	88	0.0505	50.4687	16:15	105	0.0010	0.9790	16:15	N/A	0	0.0000	16:15	57	0.0025	2.5453	
16:30	88	0.0586	58.5748	16:30	105	0.0081	8.1265	16:30	N/A	0	0.0000	16:30	57	0.0077	7.7145	
16:45	88	0.0521	52.1416	16:45	105	0.0025	2.5097	16:45	N/A	0	0.0000	16:45	57	0.0007	0.7309	
17:00	88	0.0522	52.2431	17:00	105	0.0026	2.5606	17:00	N/A	0	0.0000	17:00	57	0.0039	3.9494	
17:15	88	0.0571	57.1028	17:15	105	0.0053	5.3153	17:15	N/A	0	0.0000	17:15	57	0.0063	6.3032	
17:30	88	0.0581	58.0995	17:30	105	0.0052	5.1557	17:30	N/A	0	0.0000	17:30	57	0.0069	6.8861	
17:45	88	0.0599	59.9171	17:45	105	0.0067	6.6823	17:45	N/A	0	0.0000	17:45	57	0.0071	7.0869	
18:00	88	0.0592	59.2203	18:00	105	0.0047	4.7463	18:00	N/A	0	0.0000	18:00	57	0.0073	7.3064	
18:15	88	0.0567	56.7287	18:15	105	0.0039	3.8647	18:15	N/A	0	0.0000	18:15	57	0.0073	7.3378	
18:30	88	0.0564	56.4304	18:30	105	0.0035	3.4575	18:30	N/A	0	0.0000	18:30	57	0.0070	6.9668	
18:45	88	0.0563	56.2975	18:45	105	0.0032	3.2250	18:45	N/A	0	0.0000	18:45	57	0.0062	6.2477	
19:00	88	0.0560	56.0415	19:00	105	0.0028	2.8481	19:00	N/A	0	0.0000	19:00	57	0.0059	5.8535	
19:15	88	0.0566	56.6466	19:15	105	0.0032	3.1753	19:15	N/A	0	0.0000	19:15	57	0.0057	5.6978	
19:30	88	0.0564	56.4100	19:30	105	0.0031	3.1317	19:30	N/A	0	0.0000	19:30	57	0.0055	5.5068	
19:45	88	0.0560	55.9628	19:45	105	0.0031	3.0682	19:45	N/A	0	0.0000	19:45	57	0.0052	5.1801	
20:00	88	0.0565	56.5349	20:00	105	0.0039	3.8510	20:00	N/A	0	0.0000	20:00	57	0.0048	4.8282	
20:15	88	0.0560	55.9773	20:15	105	0.0038	3.8441	20:15	N/A	0	0.0000	20:15	57	0.0040	3.9544	
20:30	88	0.0555	55.5062	20:30	105	0.0036	3.6242	20:30	N/A	0	0.0000	20:30	57	0.0036	3.5681	
20:45	88	0.0557	55.7002	20:45	105	0.0044	4.3567	20:45	N/A	0	0.0000	20:45	57	0.0037	3.6884	
21:00	88	0.0556	55.6090	21:00	105	0.0032	3.1936	21:00	N/A	0	0.0000	21:00	57	0.0031	3.0665	
21:15	88	0.0551	55.1147	21:15	105	0.0029	2.9374	21:15	N/A	0	0.0000	21:15	57	0.0036	3.5916	
21:30	88	0.0553	55.3114	21:30	105	0.0034	3.3897	21:30	N/A	0	0.0000	21:30	57	0.0044	4.3998	
21:45	88	0.0514	51.4489	21:45	105	0.0020	2.0342	21:45	N/A	0	0.0000	21:45	57	0.0036	3.5697	
22:00	88	0.0547	54.6809	22:00	105	0.0032	3.2439	22:00	N/A	0	0.0000	22:00	57	0.0045	4.5381	
22:15	88	0.0539	53.8949	22:15	105	0.0025	2.5376	22:15	N/A	0	0.0000	22:15	57	0.0044	4.3564	
22:30	88	0.0533	53.3340	22:30	105	0.0024	2.4500	22:30	N/A	0	0.0000	22:30	57	0.0040	4.0383	
22:45	88	0.0537	53.7355	22:45	105	0.0030	3.0070	22:45	N/A	0	0.0000	22:45	57	0.0044	4.3576	
23:00	88	0.0534	53.4143	23:00	105	0.0033	3.3374	23:00	N/A	0	0.0000	23:00	57	0.0051	5.0803	
23:15	88	0.0535	53.4655	23:15	105	0.0033	3.3377	23:15	N/A	0	0.0000	23:15	57	0.0058	5.8269	
23:30	88	0.0534	53.3594	23:30	105	0.0035	3.5376	23:30	N/A	0	0.0000	23:30	57	0.0061	6.0872	
23:45	88	0.0540	54.0262	23:45	105	0.0038	3.7726	23:45	N/A	0	0.0000	23:45	57	0.0063	6.3121	



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

11/16/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/16/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/16/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/16/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0536	53.6499	0:00	105	0.0040	3.9615	0:00	N/A	0	0.0000	0:00	57	0.0066	6.5651	
0:15	88	0.0535	53.5429	0:15	105	0.0038	3.7864	0:15	N/A	0	0.0000	0:15	57	0.0059	5.8593	
0:30	88	0.0531	53.0630	0:30	105	0.0036	3.6092	0:30	N/A	0	0.0000	0:30	57	0.0056	5.6325	
0:45	88	0.0532	53.1728	0:45	105	0.0060	5.9794	0:45	N/A	0	0.0000	0:45	57	0.0055	5.5202	
1:00	88	0.0532	53.2069	1:00	105	0.0070	6.9662	1:00	N/A	0	0.0000	1:00	57	0.0055	5.5143	
1:15	88	0.0532	53.2094	1:15	105	0.0071	7.0779	1:15	N/A	0	0.0000	1:15	57	0.0059	5.8868	
1:30	88	0.0534	53.3797	1:30	105	0.0067	6.6841	1:30	N/A	0	0.0000	1:30	57	0.0053	5.2653	
1:45	88	0.0519	51.8728	1:45	105	0.0062	6.2468	1:45	N/A	0	0.0000	1:45	57	0.0054	5.3998	
2:00	88	0.0484	48.3732	2:00	105	0.0041	4.1025	2:00	N/A	0	0.0000	2:00	57	0.0051	5.0870	
2:15	88	0.0511	51.0690	2:15	105	0.0046	4.6431	2:15	N/A	0	0.0000	2:15	57	0.0059	5.9413	
2:30	88	0.0514	51.4238	2:30	105	0.0051	5.1461	2:30	N/A	0	0.0000	2:30	57	0.0069	6.8896	
2:45	88	0.0510	51.0344	2:45	105	0.0049	4.8837	2:45	N/A	0	0.0000	2:45	57	0.0068	6.7756	
3:00	88	0.0515	51.4889	3:00	105	0.0051	5.1195	3:00	N/A	0	0.0000	3:00	57	0.0067	6.7183	
3:15	88	0.0509	50.8547	3:15	105	0.0048	4.8366	3:15	N/A	0	0.0000	3:15	57	0.0074	7.3791	
3:30	88	0.0508	50.8160	3:30	105	0.0048	4.7737	3:30	N/A	0	0.0000	3:30	57	0.0073	7.3256	
3:45	88	0.0477	47.6826	3:45	105	0.0031	3.1276	3:45	N/A	0	0.0000	3:45	57	0.0059	5.8803	
4:00	88	0.0494	49.3603	4:00	105	0.0031	3.1033	4:00	N/A	0	0.0000	4:00	57	0.0057	5.7274	
4:15	88	0.0488	48.8034	4:15	105	0.0028	2.7701	4:15	N/A	0	0.0000	4:15	57	0.0059	5.8702	
4:30	88	0.0458	45.8272	4:30	105	0.0020	1.9974	4:30	N/A	0	0.0000	4:30	57	0.0037	3.6964	
4:45	88	0.0393	39.3329	4:45	105	0.0005	0.5064	4:45	N/A	0	0.0000	4:45	57	0.0010	1.0480	
5:00	88	0.0380	37.9800	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0376	37.5989	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0005	0.4646	
5:30	88	0.0447	44.7097	5:30	105	0.0008	0.8053	5:30	N/A	0	0.0000	5:30	57	0.0014	1.3570	
5:45	88	0.0377	37.7130	5:45	105	0.0004	0.4444	5:45	N/A	0	0.0000	5:45	57	0.0009	0.9372	
6:00	88	0.0361	36.1296	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0385	38.4606	6:15	105	0.0003	0.3388	6:15	N/A	0	0.0000	6:15	57	0.0003	0.3406	
6:30	88	0.0365	36.4762	6:30	105	0.0002	0.1694	6:30	N/A	0	0.0000	6:30	57	0.0011	1.0517	
6:45	88	0.0437	43.6873	6:45	105	0.0011	1.1087	6:45	N/A	0	0.0000	6:45	57	0.0024	2.3976	
7:00	88	0.0455	45.5043	7:00	105	0.0025	2.4548	7:00	N/A	0	0.0000	7:00	57	0.0037	3.6962	
7:15	88	0.0464	46.3720	7:15	105	0.0028	2.7973	7:15	N/A	0	0.0000	7:15	57	0.0036	3.5786	
7:30	88	0.0452	45.2041	7:30	105	0.0026	2.6090	7:30	N/A	0	0.0000	7:30	57	0.0033	3.3498	
7:45	88	0.0417	41.7449	7:45	105	0.0019	1.9338	7:45	N/A	0	0.0000	7:45	57	0.0027	2.7075	
8:00	88	0.0433	43.3277	8:00	105	0.0015	1.4647	8:00	N/A	0	0.0000	8:00	57	0.0024	2.3862	
8:15	88	0.0413	41.2855	8:15	105	0.0021	2.1173	8:15	N/A	0	0.0000	8:15	57	0.0029	2.9123	
8:30	88	0.0429	42.9048	8:30	105	0.0022	2.2279	8:30	N/A	0	0.0000	8:30	57	0.0040	3.9695	
8:45	88	0.0440	44.0277	8:45	105	0.0023	2.2556	8:45	N/A	0	0.0000	8:45	57	0.0046	4.6042	
9:00	88	0.0446	44.6009	9:00	105	0.0029	2.8532	9:00	N/A	0	0.0000	9:00	57	0.0049	4.8859	
9:15	88	0.0416	41.5520	9:15	105	0.0025	2.4661	9:15	N/A	0	0.0000	9:15	57	0.0035	3.5058	
9:30	88	0.0352	35.2122	9:30	105	0.0009	0.8761	9:30	N/A	0	0.0000	9:30	57	0.0009	0.8700	
9:45	88	0.0337	33.6815	9:45	105	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0332	33.2281	10:00	105	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
10:15	88	0.0333	33.2979	10:15	105	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0000	
10:30	88	0.0333	33.2834	10:30	105	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0000	
10:45	88	0.0330	33.0376	10:45	105	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	57	0.0000	0.0000	
11:00	88	0.0373	37.3106	11:00	105	0.0016	1.5779	11:00	N/A	0	0.0000	11:00	57	0.0009	0.8751	
11:15	88	0.0366	36.5540	11:15	105	0.0029	2.9431	11:15	N/A	0	0.0000	11:15	57	0.0029	2.8566	
11:30	88	0.0373	37.2540	11:30	105	0.0027	2.7238	11:30	N/A	0	0.0000	11:30	57	0.0030	3.0375	
11:45	88	0.0378	37.8140	11:45	105	0.0025	2.5062	11:45	N/A	0	0.0000	11:45	57	0.0029	2.9245	

12:00	88	0.0352	35.1849	12:00	105	0.0011	1.1462	12:00	N/A	0	0.0000	12:00	57	0.0018	1.7815	
12:15	88	0.0331	33.0989	12:15	105	0.0005	0.5214	12:15	N/A	0	0.0000	12:15	57	0.0002	0.1805	
12:30	88	0.0307	30.7246	12:30	105	0.0007	0.6518	12:30	N/A	0	0.0000	12:30	57	0.0008	0.8348	
12:45	88	0.0312	31.1933	12:45	105	0.0002	0.2336	12:45	N/A	0	0.0000	12:45	57	0.0002	0.1749	
13:00	88	0.0296	29.5985	13:00	105	0.0005	0.4777	13:00	N/A	0	0.0000	13:00	57	0.0007	0.6574	
13:15	88	0.0297	29.6907	13:15	105	0.0003	0.2599	13:15	N/A	0	0.0000	13:15	57	0.0004	0.3924	
13:30	88	0.0303	30.3288	13:30	105	0.0004	0.4048	13:30	N/A	0	0.0000	13:30	57	0.0003	0.2967	
13:45	88	0.0319	31.8654	13:45	105	0.0010	1.0203	13:45	N/A	0	0.0000	13:45	57	0.0016	1.5707	
14:00	88	0.0328	32.7761	14:00	105	0.0015	1.5415	14:00	N/A	0	0.0000	14:00	57	0.0015	1.4827	
14:15	88	0.0294	29.3995	14:15	105	0.0014	1.4147	14:15	N/A	0	0.0000	14:15	57	0.0022	2.2099	
14:30	88	0.0272	27.2203	14:30	105	0.0004	0.3880	14:30	N/A	0	0.0000	14:30	57	0.0002	0.1509	
14:45	88	0.0288	28.7843	14:45	105	0.0008	0.7761	14:45	N/A	0	0.0000	14:45	57	0.0011	1.1171	
15:00	88	0.0281	28.1204	15:00	105	0.0000	0.0000	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0286	28.5992	15:15	105	0.0003	0.3250	15:15	N/A	0	0.0000	15:15	57	0.0001	0.1074	
15:30	88	0.0296	29.6261	15:30	105	0.0013	1.2864	15:30	N/A	0	0.0000	15:30	57	0.0011	1.0779	
15:45	88	0.0308	30.8388	15:45	105	0.0015	1.5070	15:45	N/A	0	0.0000	15:45	57	0.0018	1.7690	
16:00	88	0.0291	29.0792	16:00	105	0.0006	0.6155	16:00	N/A	0	0.0000	16:00	57	0.0008	0.7789	
16:15	88	0.0283	28.2718	16:15	105	0.0002	0.2059	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0298	
16:30	88	0.0295	29.5257	16:30	105	0.0011	1.0862	16:30	N/A	0	0.0000	16:30	57	0.0007	0.6931	
16:45	88	0.0331	33.0893	16:45	105	0.0023	2.2943	16:45	N/A	0	0.0000	16:45	57	0.0012	1.2185	
17:00	88	0.0308	30.7625	17:00	105	0.0014	1.4230	17:00	N/A	0	0.0000	17:00	57	0.0014	1.3739	
17:15	88	0.0284	28.4349	17:15	105	0.0007	0.6646	17:15	N/A	0	0.0000	17:15	57	0.0001	0.0559	
17:30	88	0.0318	31.7776	17:30	105	0.0034	3.4082	17:30	N/A	0	0.0000	17:30	57	0.0013	1.3307	
17:45	88	0.0345	34.5418	17:45	105	0.0058	5.7674	17:45	N/A	0	0.0000	17:45	57	0.0029	2.8943	
18:00	88	0.0349	34.8991	18:00	105	0.0064	6.3821	18:00	N/A	0	0.0000	18:00	57	0.0031	3.0731	
18:15	88	0.0352	35.1849	18:15	105	0.0068	6.8086	18:15	N/A	0	0.0000	18:15	57	0.0035	3.4713	
18:30	88	0.0366	36.5806	18:30	105	0.0077	7.6514	18:30	N/A	0	0.0000	18:30	57	0.0043	4.2673	
18:45	88	0.0390	39.0069	18:45	105	0.0090	8.9972	18:45	N/A	0	0.0000	18:45	57	0.0051	5.0527	
19:00	88	0.0389	38.8724	19:00	105	0.0089	8.9215	19:00	N/A	0	0.0000	19:00	57	0.0047	4.6804	
19:15	88	0.0371	37.0911	19:15	105	0.0073	7.3463	19:15	N/A	0	0.0000	19:15	57	0.0050	4.9803	
19:30	88	0.0336	33.5759	19:30	105	0.0057	5.7137	19:30	N/A	0	0.0000	19:30	57	0.0035	3.5293	
19:45	88	0.0293	29.2548	19:45	105	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	57	0.0001	0.0828	
20:00	88	0.0294	29.3807	20:00	105	0.0005	0.5465	20:00	N/A	0	0.0000	20:00	57	0.0018	1.8365	
20:15	88	0.0307	30.7473	20:15	105	0.0024	2.3634	20:15	N/A	0	0.0000	20:15	57	0.0002	0.1672	
20:30	88	0.0301	30.1171	20:30	105	0.0030	3.0080	20:30	N/A	0	0.0000	20:30	57	0.0028	2.8297	
20:45	88	0.0288	28.8212	20:45	105	0.0003	0.2919	20:45	N/A	0	0.0000	20:45	57	0.0001	0.0739	
21:00	88	0.0310	30.9636	21:00	105	0.0019	1.8669	21:00	N/A	0	0.0000	21:00	57	0.0020	1.9902	
21:15	88	0.0318	31.7882	21:15	105	0.0034	3.4224	21:15	N/A	0	0.0000	21:15	57	0.0012	1.2335	
21:30	88	0.0303	30.3183	21:30	105	0.0019	1.9176	21:30	N/A	0	0.0000	21:30	57	0.0016	1.6455	
21:45	88	0.0316	31.5637	21:45	105	0.0032	3.2350	21:45	N/A	0	0.0000	21:45	57	0.0011	1.0757	
22:00	88	0.0276	27.5955	22:00	105	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	57	0.0001	0.0903	
22:15	88	0.0278	27.8272	22:15	105	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0272	27.1992	22:30	105	0.0002	0.2334	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0299	29.9176	22:45	105	0.0026	2.5588	22:45	N/A	0	0.0000	22:45	57	0.0020	1.9910	
23:00	88	0.0329	32.8991	23:00	105	0.0059	5.9408	23:00	N/A	0	0.0000	23:00	57	0.0018	1.7859	
23:15	88	0.0286	28.6264	23:15	105	0.0001	0.1128	23:15	N/A	0	0.0000	23:15	57	0.0008	0.8283	
23:30	88	0.0274	27.4177	23:30	105	0.0023	2.2657	23:30	N/A	0	0.0000	23:30	57	0.0001	0.1026	
23:45	88	0.0253	25.2920	23:45	105	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/17/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/17/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/17/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/17/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0252	25.1898	0:00	105	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0248	24.7927	0:15	105	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0249	24.8513	0:30	105	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0252	25.2321	0:45	105	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0247	24.6641	1:00	105	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0246	24.5516	1:15	105	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0247	24.6730	1:30	105	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0245	24.5145	1:45	105	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0245	24.4773	2:00	105	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0239	23.8890	2:15	105	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0237	23.6685	2:30	105	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0230	22.9555	2:45	105	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0230	22.9715	3:00	105	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0228	22.8469	3:15	105	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0224	22.3646	3:30	105	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0220	22.0125	3:45	105	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0227	22.7238	4:00	105	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0222	22.1526	4:15	105	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0218	21.8345	4:30	105	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0219	21.9340	4:45	105	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0215	21.4540	5:00	105	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0222	22.2295	5:15	105	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	57	0.0002	0.2062	
5:30	88	0.0236	23.6333	5:30	105	0.0022	2.2321	5:30	N/A	0	0.0000	5:30	57	0.0001	0.1031	
5:45	88	0.0209	20.9203	5:45	105	0.0004	0.3812	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0208	20.8128	6:00	105	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0207	20.7105	6:15	105	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0221	22.1476	6:30	105	0.0017	1.6637	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0284	28.4150	6:45	105	0.0041	4.0931	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0221	22.1060	7:00	105	0.0027	2.7205	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0206	20.5562	7:15	105	0.0003	0.3353	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0236	23.5966	7:30	105	0.0018	1.8353	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0239	23.8805	7:45	105	0.0022	2.2254	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0235	23.4829	8:00	105	0.0016	1.6168	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0272	27.1758	8:15	105	0.0060	6.0017	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0289	28.9203	8:30	105	0.0047	4.7335	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0212	21.1895	8:45	105	0.0027	2.7388	8:45	N/A	0	0.0000	8:45	57	0.0001	0.0584	
9:00	88	0.0234	23.3984	9:00	105	0.0006	0.6279	9:00	N/A	0	0.0000	9:00	57	0.0001	0.0559	
9:15	88	0.0209	20.9375	9:15	105	0.0024	2.4290	9:15	N/A	0	0.0000	9:15	57	0.0012	1.1705	
9:30	88	0.0236	23.5981	9:30	105	0.0007	0.6941	9:30	N/A	0	0.0000	9:30	57	0.0013	1.2725	
9:45	88	0.0216	21.5899	9:45	105	0.0000	0.0074	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0206	20.6270	10:00	105	0.0000	0.0030	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
10:15	88	0.0200	19.9570	10:15	105	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0058	
10:30	88	0.0204	20.4284	10:30	105	0.0006	0.6032	10:30	N/A	0	0.0000	10:30	57	0.0023	2.2837	
10:45	88	0.0233	23.3092	10:45	105	0.0077	7.6891	10:45	N/A	0	0.0000	10:45	57	0.0058	5.8322	
11:00	88	0.0257	25.7018	11:00	105	0.0121	12.0555	11:00	N/A	0	0.0000	11:00	57	0.0082	8.1510	
11:15	88	0.0255	25.4962	11:15	105	0.0129	12.8669	11:15	N/A	0	0.0000	11:15	57	0.0082	8.1869	
11:30	88	0.0222	22.1843	11:30	105	0.0112	11.2114	11:30	N/A	0	0.0000	11:30	57	0.0050	5.0376	
11:45	88	0.0224	22.3883	11:45	105	0.0082	8.1708	11:45	N/A	0	0.0000	11:45	57	0.0048	4.8279	

12:00	88	0.0171	17.0554	12:00	105	0.0075	7.4616	12:00	N/A	0	0.0000	12:00	57	0.0064	6.3542	
12:15	88	0.0261	26.1247	12:15	105	0.0109	10.9436	12:15	N/A	0	0.0000	12:15	57	0.0090	8.9724	
12:30	88	0.0261	26.0807	12:30	105	0.0145	14.5024	12:30	N/A	0	0.0000	12:30	57	0.0106	10.5869	
12:45	88	0.0235	23.4819	12:45	105	0.0115	11.5102	12:45	N/A	0	0.0000	12:45	57	0.0064	6.4466	
13:00	88	0.0177	17.6592	13:00	105	0.0081	8.1466	13:00	N/A	0	0.0000	13:00	57	0.0014	1.4249	
13:15	88	0.0180	17.9862	13:15	105	0.0078	7.8202	13:15	N/A	0	0.0000	13:15	57	0.0012	1.2329	
13:30	88	0.0187	18.6628	13:30	105	0.0080	7.9791	13:30	N/A	0	0.0000	13:30	57	0.0009	0.9016	
13:45	88	0.0184	18.4284	13:45	105	0.0080	8.0004	13:45	N/A	0	0.0000	13:45	57	0.0007	0.7258	
14:00	88	0.0210	20.9587	14:00	105	0.0092	9.2091	14:00	N/A	0	0.0000	14:00	57	0.0013	1.2822	
14:15	88	0.0193	19.2976	14:15	105	0.0092	9.2480	14:15	N/A	0	0.0000	14:15	57	0.0018	1.7797	
14:30	88	0.0197	19.7276	14:30	105	0.0088	8.8458	14:30	N/A	0	0.0000	14:30	57	0.0004	0.3932	
14:45	88	0.0195	19.5067	14:45	105	0.0105	10.5407	14:45	N/A	0	0.0000	14:45	57	0.0017	1.7358	
15:00	88	0.0233	23.3095	15:00	105	0.0112	11.2342	15:00	N/A	0	0.0000	15:00	57	0.0030	2.9997	
15:15	88	0.0202	20.2473	15:15	105	0.0103	10.3368	15:15	N/A	0	0.0000	15:15	57	0.0007	0.7261	
15:30	88	0.0206	20.5552	15:30	105	0.0095	9.4502	15:30	N/A	0	0.0000	15:30	57	0.0006	0.6324	
15:45	88	0.0207	20.7411	15:45	105	0.0098	9.8217	15:45	N/A	0	0.0000	15:45	57	0.0007	0.7432	
16:00	88	0.0229	22.9069	16:00	105	0.0119	11.9306	16:00	N/A	0	0.0000	16:00	57	0.0020	2.0182	
16:15	88	0.0226	22.5935	16:15	105	0.0120	12.0418	16:15	N/A	0	0.0000	16:15	57	0.0027	2.6955	
16:30	88	0.0221	22.0759	16:30	105	0.0104	10.4234	16:30	N/A	0	0.0000	16:30	57	0.0005	0.5306	
16:45	88	0.0212	21.1538	16:45	105	0.0102	10.1700	16:45	N/A	0	0.0000	16:45	57	0.0001	0.0910	
17:00	88	0.0230	22.9849	17:00	105	0.0115	11.4985	17:00	N/A	0	0.0000	17:00	57	0.0006	0.6437	
17:15	88	0.0232	23.2204	17:15	105	0.0116	11.5799	17:15	N/A	0	0.0000	17:15	57	0.0030	3.0198	
17:30	88	0.0217	21.7198	17:30	105	0.0103	10.3339	17:30	N/A	0	0.0000	17:30	57	0.0002	0.1933	
17:45	88	0.0221	22.0538	17:45	105	0.0115	11.5149	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0216	21.5650	18:00	105	0.0119	11.9493	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0229	22.8564	18:15	105	0.0127	12.7178	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0223	22.2539	18:30	105	0.0138	13.8111	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0222	22.1582	18:45	105	0.0133	13.2781	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0219	21.8782	19:00	105	0.0126	12.6298	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0221	22.0605	19:15	105	0.0115	11.5008	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0226	22.6082	19:30	105	0.0104	10.3730	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0237	23.7324	19:45	105	0.0105	10.4826	19:45	N/A	0	0.0000	19:45	57	0.0001	0.0930	
20:00	88	0.0246	24.6171	20:00	105	0.0111	11.0641	20:00	N/A	0	0.0000	20:00	57	0.0005	0.4650	
20:15	88	0.0233	23.2993	20:15	105	0.0103	10.2916	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0243	24.3184	20:30	105	0.0097	9.6744	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0256	25.5968	20:45	105	0.0104	10.4205	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0254	25.4315	21:00	105	0.0097	9.7433	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0223	22.3434	21:15	105	0.0090	8.9947	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0229	22.9120	21:30	105	0.0090	8.9951	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0225	22.5029	21:45	105	0.0088	8.8284	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0219	21.8595	22:00	105	0.0092	9.1990	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0142	
22:15	88	0.0239	23.9215	22:15	105	0.0101	10.0966	22:15	N/A	0	0.0000	22:15	57	0.0003	0.2842	
22:30	88	0.0237	23.7155	22:30	105	0.0093	9.3461	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0234	23.4465	22:45	105	0.0110	11.0497	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0223	22.3194	23:00	105	0.0147	14.6909	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0013	
23:15	88	0.0247	24.7419	23:15	105	0.0152	15.2107	23:15	N/A	0	0.0000	23:15	57	0.0013	1.3370	
23:30	88	0.0233	23.2790	23:30	105	0.0131	13.1469	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0222	22.2141	23:45	105	0.0131	13.0883	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0014	



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

11/18/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/18/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/18/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/18/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0238	23.7840	0:00	105	0.0123	12.3114	0:00	N/A	0	0.0000	0:00	57	0.0014	1.4387	
0:15	88	0.0226	22.5980	0:15	105	0.0112	11.1540	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0342	
0:30	88	0.0212	21.2480	0:30	105	0.0104	10.4481	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0211	21.0687	0:45	105	0.0093	9.2704	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0207	20.6783	1:00	105	0.0083	8.2611	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0210	21.0070	1:15	105	0.0075	7.4744	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0210	20.9809	1:30	105	0.0077	7.6836	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0202	20.2009	1:45	105	0.0090	9.0327	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0193	19.3057	2:00	105	0.0101	10.0778	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0195	19.4600	2:15	105	0.0093	9.3238	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0201	20.0841	2:30	105	0.0093	9.2762	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0206	20.6266	2:45	105	0.0107	10.7473	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0207	20.7042	3:00	105	0.0118	11.7756	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0203	20.3480	3:15	105	0.0114	11.3864	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0206	20.5819	3:30	105	0.0109	10.8744	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0202	20.1828	3:45	105	0.0115	11.4730	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0199	19.9477	4:00	105	0.0134	13.3960	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0216	21.5754	4:15	105	0.0214	21.4109	4:15	N/A	0	0.0000	4:15	57	0.0023	2.3124	
4:30	88	0.0209	20.8955	4:30	105	0.0199	19.8765	4:30	N/A	0	0.0000	4:30	57	0.0004	0.4021	
4:45	88	0.0198	19.8469	4:45	105	0.0183	18.3145	4:45	N/A	0	0.0000	4:45	57	0.0018	1.7514	
5:00	88	0.0205	20.5286	5:00	105	0.0185	18.5438	5:00	N/A	0	0.0000	5:00	57	0.0013	1.2866	
5:15	88	0.0204	20.3768	5:15	105	0.0185	18.4691	5:15	N/A	0	0.0000	5:15	57	0.0006	0.5912	
5:30	88	0.0204	20.3953	5:30	105	0.0175	17.4895	5:30	N/A	0	0.0000	5:30	57	0.0015	1.5406	
5:45	88	0.0208	20.7838	5:45	105	0.0168	16.8397	5:45	N/A	0	0.0000	5:45	57	0.0005	0.5373	
6:00	88	0.0211	21.1431	6:00	105	0.0170	16.9868	6:00	N/A	0	0.0000	6:00	57	0.0001	0.0701	
6:15	88	0.0213	21.3230	6:15	105	0.0163	16.3483	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0218	21.7899	6:30	105	0.0185	18.4793	6:30	N/A	0	0.0000	6:30	57	0.0022	2.2017	
6:45	88	0.0216	21.5663	6:45	105	0.0199	19.9367	6:45	N/A	0	0.0000	6:45	57	0.0026	2.5752	
7:00	88	0.0200	19.9738	7:00	105	0.0163	16.2634	7:00	N/A	0	0.0000	7:00	57	0.0007	0.7403	
7:15	88	0.0190	18.9969	7:15	105	0.0163	16.3071	7:15	N/A	0	0.0000	7:15	57	0.0003	0.3049	
7:30	88	0.0189	18.9154	7:30	105	0.0153	15.2718	7:30	N/A	0	0.0000	7:30	57	0.0015	1.4920	
7:45	88	0.0185	18.5337	7:45	105	0.0160	16.0366	7:45	N/A	0	0.0000	7:45	57	0.0006	0.5659	
8:00	88	0.0212	21.1882	8:00	105	0.0184	18.3651	8:00	N/A	0	0.0000	8:00	57	0.0030	3.0480	
8:15	88	0.0248	24.7899	8:15	105	0.0205	20.5086	8:15	N/A	0	0.0000	8:15	57	0.0048	4.7933	
8:30	88	0.0263	26.2947	8:30	105	0.0238	23.7901	8:30	N/A	0	0.0000	8:30	57	0.0068	6.8146	
8:45	88	0.0275	27.4635	8:45	105	0.0255	25.4863	8:45	N/A	0	0.0000	8:45	57	0.0088	8.8369	
9:00	88	0.0278	27.8006	9:00	105	0.0274	27.4024	9:00	N/A	0	0.0000	9:00	57	0.0100	9.9606	
9:15	88	0.0274	27.4123	9:15	105	0.0266	26.5865	9:15	N/A	0	0.0000	9:15	57	0.0089	8.8620	
9:30	88	0.0263	26.3010	9:30	105	0.0264	26.3975	9:30	N/A	0	0.0000	9:30	57	0.0064	6.4459	
9:45	88	0.0264	26.3600	9:45	105	0.0230	22.9861	9:45	N/A	0	0.0000	9:45	57	0.0076	7.5710	
10:00	88	0.0286	28.6272	10:00	105	0.0257	25.6751	10:00	N/A	0	0.0000	10:00	57	0.0088	8.7868	
10:15	88	0.0300	30.0021	10:15	105	0.0286	28.6148	10:15	N/A	0	0.0000	10:15	57	0.0095	9.4982	
10:30	88	0.0300	29.9605	10:30	105	0.0300	30.0336	10:30	N/A	0	0.0000	10:30	57	0.0102	10.1645	
10:45	88	0.0288	28.8199	10:45	105	0.0289	28.8613	10:45	N/A	0	0.0000	10:45	57	0.0099	9.8933	
11:00	88	0.0282	28.2108	11:00	105	0.0283	28.2654	11:00	N/A	0	0.0000	11:00	57	0.0104	10.3724	
11:15	88	0.0278	27.8483	11:15	105	0.0301	30.0961	11:15	N/A	0	0.0000	11:15	57	0.0121	12.0989	
11:30	88	0.0273	27.2588	11:30	105	0.0289	28.8816	11:30	N/A	0	0.0000	11:30	57	0.0119	11.9292	
11:45	88	0.0270	26.9965	11:45	105	0.0279	27.8543	11:45	N/A	0	0.0000	11:45	57	0.0110	10.9523	

12:00	88	0.0270	26.9846	12:00	105	0.0275	27.5297	12:00	N/A	0	0.0000	12:00	57	0.0103	10.3083	
12:15	88	0.0268	26.8349	12:15	105	0.0270	27.0337	12:15	N/A	0	0.0000	12:15	57	0.0101	10.0626	
12:30	88	0.0267	26.6848	12:30	105	0.0261	26.1317	12:30	N/A	0	0.0000	12:30	57	0.0098	9.7581	
12:45	88	0.0266	26.6197	12:45	105	0.0262	26.2239	12:45	N/A	0	0.0000	12:45	57	0.0097	9.7016	
13:00	88	0.0252	25.1820	13:00	105	0.0257	25.7409	13:00	N/A	0	0.0000	13:00	57	0.0080	8.0111	
13:15	88	0.0222	22.2365	13:15	105	0.0190	19.0054	13:15	N/A	0	0.0000	13:15	57	0.0050	5.0372	
13:30	88	0.0218	21.7867	13:30	105	0.0209	20.8955	13:30	N/A	0	0.0000	13:30	57	0.0057	5.7495	
13:45	88	0.0238	23.8463	13:45	105	0.0254	25.3642	13:45	N/A	0	0.0000	13:45	57	0.0090	8.9530	
14:00	88	0.0244	24.4291	14:00	105	0.0271	27.1090	14:00	N/A	0	0.0000	14:00	57	0.0107	10.7061	
14:15	88	0.0233	23.3201	14:15	105	0.0284	28.4383	14:15	N/A	0	0.0000	14:15	57	0.0119	11.8695	
14:30	88	0.0225	22.4779	14:30	105	0.0272	27.1523	14:30	N/A	0	0.0000	14:30	57	0.0121	12.1297	
14:45	88	0.0219	21.9236	14:45	105	0.0259	25.9138	14:45	N/A	0	0.0000	14:45	57	0.0114	11.4277	
15:00	88	0.0179	17.8581	15:00	105	0.0235	23.4567	15:00	N/A	0	0.0000	15:00	57	0.0094	9.3759	
15:15	88	0.0162	16.1922	15:15	105	0.0236	23.5760	15:15	N/A	0	0.0000	15:15	57	0.0068	6.8221	
15:30	88	0.0159	15.9123	15:30	105	0.0237	23.7141	15:30	N/A	0	0.0000	15:30	57	0.0059	5.8551	
15:45	88	0.0160	16.0187	15:45	105	0.0235	23.4579	15:45	N/A	0	0.0000	15:45	57	0.0044	4.4406	
16:00	88	0.0164	16.4091	16:00	105	0.0221	22.0910	16:00	N/A	0	0.0000	16:00	57	0.0036	3.6307	
16:15	88	0.0164	16.4312	16:15	105	0.0210	21.0164	16:15	N/A	0	0.0000	16:15	57	0.0033	3.2741	
16:30	88	0.0164	16.4486	16:30	105	0.0197	19.6666	16:30	N/A	0	0.0000	16:30	57	0.0026	2.5937	
16:45	88	0.0170	16.9623	16:45	105	0.0191	19.0895	16:45	N/A	0	0.0000	16:45	57	0.0021	2.0505	
17:00	88	0.0168	16.8072	17:00	105	0.0190	18.9856	17:00	N/A	0	0.0000	17:00	57	0.0022	2.1623	
17:15	88	0.0172	17.1610	17:15	105	0.0192	19.2467	17:15	N/A	0	0.0000	17:15	57	0.0020	2.0065	
17:30	88	0.0174	17.3973	17:30	105	0.0200	19.9514	17:30	N/A	0	0.0000	17:30	57	0.0015	1.4670	
17:45	88	0.0177	17.6758	17:45	105	0.0207	20.7484	17:45	N/A	0	0.0000	17:45	57	0.0020	2.0387	
18:00	88	0.0185	18.4754	18:00	105	0.0226	22.6289	18:00	N/A	0	0.0000	18:00	57	0.0027	2.7487	
18:15	88	0.0183	18.2901	18:15	105	0.0223	22.2581	18:15	N/A	0	0.0000	18:15	57	0.0015	1.5278	
18:30	88	0.0170	17.0151	18:30	105	0.0206	20.6282	18:30	N/A	0	0.0000	18:30	57	0.0002	0.1705	
18:45	88	0.0169	16.8517	18:45	105	0.0205	20.4929	18:45	N/A	0	0.0000	18:45	57	0.0008	0.7511	
19:00	88	0.0178	17.7539	19:00	105	0.0205	20.5143	19:00	N/A	0	0.0000	19:00	57	0.0014	1.3692	
19:15	88	0.0170	17.0243	19:15	105	0.0202	20.1909	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0489	
19:30	88	0.0173	17.2676	19:30	105	0.0207	20.6634	19:30	N/A	0	0.0000	19:30	57	0.0002	0.1699	
19:45	88	0.0163	16.3006	19:45	105	0.0209	20.8765	19:45	N/A	0	0.0000	19:45	57	0.0006	0.5936	
20:00	88	0.0180	18.0269	20:00	105	0.0228	22.7601	20:00	N/A	0	0.0000	20:00	57	0.0017	1.6939	
20:15	88	0.0204	20.4037	20:15	105	0.0236	23.6419	20:15	N/A	0	0.0000	20:15	57	0.0032	3.2184	
20:30	88	0.0193	19.3145	20:30	105	0.0213	21.3232	20:30	N/A	0	0.0000	20:30	57	0.0027	2.7153	
20:45	88	0.0186	18.5535	20:45	105	0.0203	20.3260	20:45	N/A	0	0.0000	20:45	57	0.0011	1.1333	
21:00	88	0.0169	16.9348	21:00	105	0.0211	21.0520	21:00	N/A	0	0.0000	21:00	57	0.0016	1.5846	
21:15	88	0.0177	17.6906	21:15	105	0.0226	22.6442	21:15	N/A	0	0.0000	21:15	57	0.0029	2.9274	
21:30	88	0.0178	17.7669	21:30	105	0.0231	23.1221	21:30	N/A	0	0.0000	21:30	57	0.0022	2.2202	
21:45	88	0.0158	15.7603	21:45	105	0.0220	21.9596	21:45	N/A	0	0.0000	21:45	57	0.0012	1.2139	
22:00	88	0.0166	16.5695	22:00	105	0.0216	21.6452	22:00	N/A	0	0.0000	22:00	57	0.0013	1.2733	
22:15	88	0.0162	16.1512	22:15	105	0.0217	21.7018	22:15	N/A	0	0.0000	22:15	57	0.0019	1.8854	
22:30	88	0.0160	16.0312	22:30	105	0.0216	21.5880	22:30	N/A	0	0.0000	22:30	57	0.0019	1.8631	
22:45	88	0.0165	16.4764	22:45	105	0.0217	21.6765	22:45	N/A	0	0.0000	22:45	57	0.0015	1.5091	
23:00	88	0.0184	18.3570	23:00	105	0.0213	21.2957	23:00	N/A	0	0.0000	23:00	57	0.0022	2.2359	
23:15	88	0.0168	16.7612	23:15	105	0.0205	20.5435	23:15	N/A	0	0.0000	23:15	57	0.0008	0.8083	
23:30	88	0.0164	16.3851	23:30	105	0.0203	20.3217	23:30	N/A	0	0.0000	23:30	57	0.0008	0.8334	
23:45	88	0.0165	16.5467	23:45	105	0.0203	20.3071	23:45	N/A	0	0.0000	23:45	57	0.0008	0.7945	



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

11/19/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/19/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/19/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/19/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0161	16.0859	0:00	105	0.0218	21.7939	0:00	N/A	0	0.0000	0:00	57	0.0014	1.3645	
0:15	88	0.0159	15.8640	0:15	105	0.0222	22.2214	0:15	N/A	0	0.0000	0:15	57	0.0026	2.6232	
0:30	88	0.0157	15.7485	0:30	105	0.0218	21.7848	0:30	N/A	0	0.0000	0:30	57	0.0033	3.2602	
0:45	88	0.0157	15.6966	0:45	105	0.0212	21.2169	0:45	N/A	0	0.0000	0:45	57	0.0032	3.2217	
1:00	88	0.0157	15.7213	1:00	105	0.0220	22.0498	1:00	N/A	0	0.0000	1:00	57	0.0034	3.4398	
1:15	88	0.0163	16.3216	1:15	105	0.0217	21.7030	1:15	N/A	0	0.0000	1:15	57	0.0027	2.6949	
1:30	88	0.0159	15.9358	1:30	105	0.0218	21.8428	1:30	N/A	0	0.0000	1:30	57	0.0020	1.9651	
1:45	88	0.0161	16.0981	1:45	105	0.0238	23.8354	1:45	N/A	0	0.0000	1:45	57	0.0014	1.4044	
2:00	88	0.0160	16.0080	2:00	105	0.0235	23.4855	2:00	N/A	0	0.0000	2:00	57	0.0017	1.6509	
2:15	88	0.0159	15.8676	2:15	105	0.0229	22.9266	2:15	N/A	0	0.0000	2:15	57	0.0014	1.4334	
2:30	88	0.0161	16.0837	2:30	105	0.0223	22.2636	2:30	N/A	0	0.0000	2:30	57	0.0012	1.1651	
2:45	88	0.0160	15.9650	2:45	105	0.0213	21.3479	2:45	N/A	0	0.0000	2:45	57	0.0010	1.0234	
3:00	88	0.0148	14.8281	3:00	105	0.0202	20.1504	3:00	N/A	0	0.0000	3:00	57	0.0008	0.7749	
3:15	88	0.0153	15.2881	3:15	105	0.0207	20.6636	3:15	N/A	0	0.0000	3:15	57	0.0008	0.8285	
3:30	88	0.0148	14.7790	3:30	105	0.0200	19.9970	3:30	N/A	0	0.0000	3:30	57	0.0006	0.6258	
3:45	88	0.0147	14.7282	3:45	105	0.0197	19.7026	3:45	N/A	0	0.0000	3:45	57	0.0007	0.6699	
4:00	88	0.0144	14.3807	4:00	105	0.0195	19.4556	4:00	N/A	0	0.0000	4:00	57	0.0006	0.5752	
4:15	88	0.0145	14.4554	4:15	105	0.0186	18.5623	4:15	N/A	0	0.0000	4:15	57	0.0005	0.4889	
4:30	88	0.0134	13.3647	4:30	105	0.0182	18.1856	4:30	N/A	0	0.0000	4:30	57	0.0004	0.3928	
4:45	88	0.0130	13.0059	4:45	105	0.0177	17.6572	4:45	N/A	0	0.0000	4:45	57	0.0002	0.1875	
5:00	88	0.0122	12.2470	5:00	105	0.0174	17.4373	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0130	13.0199	5:15	105	0.0172	17.1814	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0133	13.2916	5:30	105	0.0172	17.1712	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0127	12.7329	5:45	105	0.0176	17.6181	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0126	12.5823	6:00	105	0.0173	17.3316	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0123	12.3067	6:15	105	0.0169	16.9406	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0122	12.2273	6:30	105	0.0168	16.8205	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0122	12.2044	6:45	105	0.0179	17.8850	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0125	12.4727	7:00	105	0.0172	17.2473	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0121	12.0752	7:15	105	0.0173	17.2651	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0120	11.9900	7:30	105	0.0170	16.9990	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0122	12.1776	7:45	105	0.0170	16.9613	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0123	12.2542	8:00	105	0.0167	16.7450	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0120	11.9627	8:15	105	0.0164	16.3743	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0102	10.1751	8:30	105	0.0154	15.3843	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0105	10.4650	8:45	105	0.0155	15.5284	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	
9:00	88	0.0096	9.5715	9:00	105	0.0158	15.7918	9:00	N/A	0	0.0000	9:00	57	0.0000	0.0000	
9:15	88	0.0096	9.5704	9:15	105	0.0158	15.8466	9:15	N/A	0	0.0000	9:15	57	0.0000	0.0000	
9:30	88	0.0102	10.1840	9:30	105	0.0163	16.2724	9:30	N/A	0	0.0000	9:30	57	0.0000	0.0048	
9:45	88	0.0103	10.2838	9:45	105	0.0179	17.8886	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0107	10.6936	10:00	105	0.0171	17.1427	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
10:15	88	0.0109	10.8550	10:15	105	0.0185	18.5282	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0000	
10:30	88	0.0108	10.8364	10:30	105	0.0169	16.8945	10:30	N/A	0	0.0000	10:30	57	0.0000	0.0116	
10:45	88	0.0107	10.6530	10:45	105	0.0180	17.9953	10:45	N/A	0	0.0000	10:45	57	0.0003	0.3304	

11:00	88	0.0126	12.6089	11:00	105	0.0208	20.8059	11:00	N/A	0	0.0000	11:00	57	0.0037	3.7007	
11:15	88	0.0109	10.8612	11:15	105	0.0212	21.1768	11:15	N/A	0	0.0000	11:15	57	0.0032	3.1933	
11:30	88	0.0101	10.1206	11:30	105	0.0217	21.6798	11:30	N/A	0	0.0000	11:30	57	0.0031	3.1206	
11:45	88	0.0105	10.5124	11:45	105	0.0216	21.5897	11:45	N/A	0	0.0000	11:45	57	0.0033	3.2937	
12:00	88	0.0123	12.3228	12:00	105	0.0237	23.6801	12:00	N/A	0	0.0000	12:00	57	0.0060	6.0497	
12:15	88	0.0111	11.1003	12:15	105	0.0220	22.0460	12:15	N/A	0	0.0000	12:15	57	0.0041	4.0810	
12:30	88	0.0125	12.5382	12:30	105	0.0226	22.5962	12:30	N/A	0	0.0000	12:30	57	0.0042	4.2453	
12:45	88	0.0155	15.4632	12:45	105	0.0254	25.3614	12:45	N/A	0	0.0000	12:45	57	0.0070	6.9727	
13:00	88	0.0161	16.1318	13:00	105	0.0258	25.7594	13:00	N/A	0	0.0000	13:00	57	0.0058	5.8478	
13:15	88	0.0134	13.3644	13:15	105	0.0219	21.9497	13:15	N/A	0	0.0000	13:15	57	0.0029	2.9249	
13:30	88	0.0152	15.2275	13:30	105	0.0223	22.2560	13:30	N/A	0	0.0000	13:30	57	0.0026	2.5830	
13:45	88	0.0148	14.8369	13:45	105	0.0228	22.7777	13:45	N/A	0	0.0000	13:45	57	0.0027	2.6940	
14:00	88	0.0151	15.1133	14:00	105	0.0229	22.9215	14:00	N/A	0	0.0000	14:00	57	0.0026	2.6004	
14:15	88	0.0153	15.2993	14:15	105	0.0238	23.8067	14:15	N/A	0	0.0000	14:15	57	0.0032	3.1652	
14:30	88	0.0152	15.2070	14:30	105	0.0246	24.6002	14:30	N/A	0	0.0000	14:30	57	0.0039	3.8734	
14:45	88	0.0154	15.3876	14:45	105	0.0252	25.1699	14:45	N/A	0	0.0000	14:45	57	0.0051	5.1279	
15:00	88	0.0143	14.3012	15:00	105	0.0242	24.1997	15:00	N/A	0	0.0000	15:00	57	0.0047	4.7067	
15:15	88	0.0139	13.8722	15:15	105	0.0241	24.1197	15:15	N/A	0	0.0000	15:15	57	0.0045	4.4682	
15:30	88	0.0156	15.6277	15:30	105	0.0259	25.9308	15:30	N/A	0	0.0000	15:30	57	0.0062	6.1840	
15:45	88	0.0165	16.5108	15:45	105	0.0240	23.9803	15:45	N/A	0	0.0000	15:45	57	0.0066	6.5809	
16:00	88	0.0173	17.2741	16:00	105	0.0254	25.4342	16:00	N/A	0	0.0000	16:00	57	0.0054	5.3988	
16:15	88	0.0136	13.5699	16:15	105	0.0232	23.1703	16:15	N/A	0	0.0000	16:15	57	0.0018	1.8196	
16:30	88	0.0131	13.1178	16:30	105	0.0221	22.1343	16:30	N/A	0	0.0000	16:30	57	0.0006	0.6070	
16:45	88	0.0133	13.2882	16:45	105	0.0221	22.1279	16:45	N/A	0	0.0000	16:45	57	0.0001	0.1384	
17:00	88	0.0131	13.1149	17:00	105	0.0218	21.8106	17:00	N/A	0	0.0000	17:00	57	0.0001	0.1074	
17:15	88	0.0125	12.5081	17:15	105	0.0222	22.1687	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0137	13.7332	17:30	105	0.0220	21.9875	17:30	N/A	0	0.0000	17:30	57	0.0004	0.3522	
17:45	88	0.0139	13.9309	17:45	105	0.0230	23.0167	17:45	N/A	0	0.0000	17:45	57	0.0013	1.2589	
18:00	88	0.0126	12.6032	18:00	105	0.0215	21.4930	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0121	12.0909	18:15	105	0.0212	21.1788	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0121	12.1190	18:30	105	0.0206	20.6394	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0115	11.4860	18:45	105	0.0211	21.0989	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0115	11.5039	19:00	105	0.0209	20.9046	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0116	11.6172	19:15	105	0.0207	20.6875	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0126	12.6232	19:30	105	0.0215	21.5490	19:30	N/A	0	0.0000	19:30	57	0.0003	0.3336	
19:45	88	0.0128	12.8137	19:45	105	0.0227	22.6672	19:45	N/A	0	0.0000	19:45	57	0.0008	0.7861	
20:00	88	0.0120	11.9588	20:00	105	0.0214	21.4406	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0115	11.4698	20:15	105	0.0216	21.5877	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0116	11.6297	20:30	105	0.0215	21.4747	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0117	11.6671	20:45	105	0.0239	23.8666	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0116	11.5647	21:00	105	0.0247	24.7350	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0117	11.6719	21:15	105	0.0243	24.2768	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0115	11.5094	21:30	105	0.0243	24.3401	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0096	9.5945	21:45	105	0.0243	24.3132	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0092	9.1836	22:00	105	0.0243	24.3334	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0094	9.4039	22:15	105	0.0238	23.7532	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0150	14.9653	22:30	105	0.0282	28.2146	22:30	N/A	0	0.0000	22:30	57	0.0030	3.0143	
22:45	88	0.0152	15.2442	22:45	105	0.0295	29.4816	22:45	N/A	0	0.0000	22:45	57	0.0039	3.9217	
23:00	88	0.0122	12.2412	23:00	105	0.0266	26.6114	23:00	N/A	0	0.0000	23:00	57	0.0018	1.8187	
23:15	88	0.0115	11.4545	23:15	105	0.0256	25.6311	23:15	N/A	0	0.0000	23:15	57	0.0015	1.4889	
23:30	88	0.0092	9.2116	23:30	105	0.0233	23.2989	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0092	9.1682	23:45	105	0.0238	23.7600	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/20/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/20/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/20/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/20/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0092	9.2046	0:00	105	0.0245	24.5075	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0098	9.7867	0:15	105	0.0245	24.5053	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0094	9.4440	0:30	105	0.0243	24.3247	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0092	9.1829	0:45	105	0.0239	23.8551	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0089	8.9234	1:00	105	0.0241	24.1169	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0090	9.0470	1:15	105	0.0244	24.3570	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0111	11.0963	1:30	105	0.0277	27.7424	1:30	N/A	0	0.0000	1:30	57	0.0023	2.2854	
1:45	88	0.0087	8.6983	1:45	105	0.0252	25.2180	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0080	7.9789	2:00	105	0.0276	27.6190	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0087	8.7075	2:15	105	0.0285	28.5058	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0078	7.7997	2:30	105	0.0283	28.2927	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0078	7.7560	2:45	105	0.0273	27.2736	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0066	6.5770	3:00	105	0.0295	29.5215	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0064	6.3939	3:15	105	0.0305	30.4613	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0071	
3:30	88	0.0162	16.1862	3:30	105	0.0416	41.6401	3:30	N/A	0	0.0000	3:30	57	0.0089	8.9000	
3:45	88	0.0167	16.7118	3:45	105	0.0410	40.9856	3:45	N/A	0	0.0000	3:45	57	0.0083	8.2855	
4:00	88	0.0163	16.3422	4:00	105	0.0425	42.5141	4:00	N/A	0	0.0000	4:00	57	0.0077	7.7379	
4:15	88	0.0135	13.5295	4:15	105	0.0394	39.4475	4:15	N/A	0	0.0000	4:15	57	0.0051	5.0707	
4:30	88	0.0091	9.0580	4:30	105	0.0336	33.6099	4:30	N/A	0	0.0000	4:30	57	0.0018	1.7719	
4:45	88	0.0049	4.8631	4:45	105	0.0302	30.1744	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0052	5.1590	5:00	105	0.0308	30.8157	5:00	N/A	0	0.0000	5:00	57	0.0012	1.2311	
5:15	88	0.0133	13.2525	5:15	105	0.0386	38.5880	5:15	N/A	0	0.0000	5:15	57	0.0066	6.6410	
5:30	88	0.0121	12.0796	5:30	105	0.0353	35.3122	5:30	N/A	0	0.0000	5:30	57	0.0055	5.4899	
5:45	88	0.0076	7.5830	5:45	105	0.0292	29.2229	5:45	N/A	0	0.0000	5:45	57	0.0022	2.1777	
6:00	88	0.0092	9.1849	6:00	105	0.0312	31.2230	6:00	N/A	0	0.0000	6:00	57	0.0036	3.5518	
6:15	88	0.0031	3.0646	6:15	105	0.0241	24.0865	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0019	1.8746	6:30	105	0.0235	23.4953	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0025	2.4899	6:45	105	0.0237	23.7096	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0015	1.4853	7:00	105	0.0229	22.8517	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0013	1.2667	7:15	105	0.0221	22.1053	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0005	0.4596	7:30	105	0.0216	21.5832	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0014	1.3835	7:45	105	0.0210	21.0164	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0022	2.1771	8:00	105	0.0195	19.4547	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0025	2.4902	8:15	105	0.0185	18.5135	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0017	1.6843	8:30	105	0.0161	16.1051	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0005	0.4831	8:45	105	0.0165	16.5241	8:45	N/A	0	0.0000	8:45	57	0.0003	0.3240	
9:00	88	0.0041	4.0582	9:00	105	0.0206	20.5972	9:00	N/A	0	0.0000	9:00	57	0.0043	4.2808	
9:15	88	0.0005	0.5430	9:15	105	0.0184	18.4214	9:15	N/A	0	0.0000	9:15	57	0.0016	1.5545	
9:30	88	0.0001	0.0564	9:30	105	0.0179	17.9264	9:30	N/A	0	0.0000	9:30	57	0.0005	0.5476	
9:45	88	0.0001	0.0836	9:45	105	0.0200	20.0145	9:45	N/A	0	0.0000	9:45	57	0.0009	0.9313	
10:00	88	0.0046	4.6406	10:00	105	0.0263	26.2569	10:00	N/A	0	0.0000	10:00	57	0.0080	7.9952	
10:15	88	0.0000	0.0000	10:15	105	0.0215	21.5263	10:15	N/A	0	0.0000	10:15	57	0.0031	3.1207	
10:30	88	0.0017	1.7391	10:30	105	0.0243	24.2875	10:30	N/A	0	0.0000	10:30	57	0.0054	5.4414	
10:45	88	0.0009	0.9226	10:45	105	0.0252	25.2176	10:45	N/A	0	0.0000	10:45	57	0.0036	3.5635	

11:00	88	0.0030	3.0307	11:00	105	0.0277	27.6588	11:00	N/A	0	0.0000	11:00	57	0.0047	4.7442	
11:15	88	0.0023	2.3416	11:15	105	0.0274	27.4118	11:15	N/A	0	0.0000	11:15	57	0.0033	3.2536	
11:30	88	0.0001	0.1420	11:30	105	0.0255	25.4894	11:30	N/A	0	0.0000	11:30	57	0.0008	0.8264	
11:45	88	0.0000	0.0000	11:45	105	0.0253	25.3188	11:45	N/A	0	0.0000	11:45	57	0.0009	0.9489	
12:00	88	0.0000	0.0000	12:00	105	0.0264	26.3645	12:00	N/A	0	0.0000	12:00	57	0.0020	1.9679	
12:15	88	0.0000	0.0000	12:15	105	0.0274	27.4022	12:15	N/A	0	0.0000	12:15	57	0.0032	3.2348	
12:30	88	0.0000	0.0000	12:30	105	0.0280	27.9951	12:30	N/A	0	0.0000	12:30	57	0.0028	2.8237	
12:45	88	0.0000	0.0000	12:45	105	0.0284	28.3573	12:45	N/A	0	0.0000	12:45	57	0.0019	1.9191	
13:00	88	0.0000	0.0000	13:00	105	0.0282	28.2215	13:00	N/A	0	0.0000	13:00	57	0.0012	1.1987	
13:15	88	0.0015	1.5093	13:15	105	0.0299	29.9039	13:15	N/A	0	0.0000	13:15	57	0.0016	1.6349	
13:30	88	0.0063	6.2678	13:30	105	0.0366	36.6498	13:30	N/A	0	0.0000	13:30	57	0.0083	8.2622	
13:45	88	0.0006	0.6028	13:45	105	0.0287	28.7167	13:45	N/A	0	0.0000	13:45	57	0.0013	1.3227	
14:00	88	0.0000	0.0000	14:00	105	0.0275	27.4762	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0000	0.0000	14:15	105	0.0273	27.2958	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0000	0.0000	14:30	105	0.0278	27.8104	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0000	0.0000	14:45	105	0.0291	29.1366	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0024	2.3998	15:00	105	0.0328	32.8229	15:00	N/A	0	0.0000	15:00	57	0.0030	2.9728	
15:15	88	0.0023	2.2786	15:15	105	0.0325	32.5031	15:15	N/A	0	0.0000	15:15	57	0.0029	2.8982	
15:30	88	0.0019	1.9371	15:30	105	0.0324	32.4176	15:30	N/A	0	0.0000	15:30	57	0.0027	2.7379	
15:45	88	0.0023	2.3419	15:45	105	0.0319	31.8700	15:45	N/A	0	0.0000	15:45	57	0.0026	2.5658	
16:00	88	0.0015	1.4902	16:00	105	0.0299	29.9377	16:00	N/A	0	0.0000	16:00	57	0.0015	1.4768	
16:15	88	0.0097	9.7170	16:15	105	0.0383	38.3445	16:15	N/A	0	0.0000	16:15	57	0.0085	8.5273	
16:30	88	0.0046	4.6378	16:30	105	0.0385	38.4934	16:30	N/A	0	0.0000	16:30	57	0.0061	6.0638	
16:45	88	0.0049	4.8650	16:45	105	0.0372	37.1546	16:45	N/A	0	0.0000	16:45	57	0.0026	2.5861	
17:00	88	0.0040	4.0197	17:00	105	0.0363	36.2675	17:00	N/A	0	0.0000	17:00	57	0.0011	1.1050	
17:15	88	0.0025	2.4798	17:15	105	0.0355	35.5412	17:15	N/A	0	0.0000	17:15	57	0.0001	0.0845	
17:30	88	0.0026	2.6102	17:30	105	0.0356	35.6313	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0075	
17:45	88	0.0018	1.8215	17:45	105	0.0348	34.8491	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0010	0.9712	18:00	105	0.0340	34.0028	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0001	0.1311	18:15	105	0.0314	31.4307	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0002	0.2107	18:30	105	0.0304	30.4411	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0002	0.1725	18:45	105	0.0287	28.7116	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0005	0.4756	19:00	105	0.0286	28.6486	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0004	0.4133	19:15	105	0.0287	28.6939	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0005	0.5405	19:30	105	0.0293	29.2687	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0000	0.0132	19:45	105	0.0281	28.0991	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0000	0.0168	20:00	105	0.0279	27.8748	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0001	0.1272	20:15	105	0.0265	26.5238	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0001	0.0722	20:30	105	0.0259	25.8725	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0003	0.3191	20:45	105	0.0255	25.5008	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0003	0.2526	21:00	105	0.0259	25.9149	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0002	0.2205	21:15	105	0.0246	24.6394	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0004	0.4102	21:30	105	0.0195	19.5316	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0000	0.0000	21:45	105	0.0191	19.0646	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0071	
22:00	88	0.0000	0.0000	22:00	105	0.0152	15.1694	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0000	0.0000	22:15	105	0.0141	14.0572	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0000	0.0000	22:30	105	0.0146	14.6460	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0000	0.0000	22:45	105	0.0212	21.2149	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0000	0.0000	23:00	105	0.0212	21.1664	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0008	0.7508	23:15	105	0.0181	18.1471	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0025	2.4791	23:30	105	0.0241	24.0532	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0012	1.1606	23:45	105	0.0235	23.5301	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/21/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/21/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/21/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/21/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0000	0.0000	0:00	105	0.0138	13.8394	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0000	0.0000	0:15	105	0.0144	14.3871	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0000	0.0000	0:30	105	0.0147	14.6684	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0005	0.4996	0:45	105	0.0182	18.2104	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0000	0.0000	1:00	105	0.0149	14.9452	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0000	0.0000	1:15	105	0.0151	15.0641	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0000	0.0000	1:30	105	0.0144	14.3619	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0000	0.0000	1:45	105	0.0139	13.9196	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0000	0.0000	2:00	105	0.0138	13.7635	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0000	0.0000	2:15	105	0.0150	14.9753	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0000	0.0000	2:30	105	0.0139	13.9206	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0000	0.0000	2:45	105	0.0133	13.2999	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0014	1.4332	3:00	105	0.0218	21.8036	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0117	
3:15	88	0.0013	1.3228	3:15	105	0.0205	20.4937	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0012	1.1772	3:30	105	0.0229	22.9449	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0001	0.0858	3:45	105	0.0143	14.2805	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0000	0.0000	4:00	105	0.0134	13.3544	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0000	0.0000	4:15	105	0.0132	13.1940	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0004	0.4409	4:30	105	0.0162	16.2434	4:30	N/A	0	0.0000	4:30	57	0.0003	0.3071	
4:45	88	0.0012	1.2065	4:45	105	0.0239	23.9139	4:45	N/A	0	0.0000	4:45	57	0.0020	1.9691	
5:00	88	0.0017	1.7234	5:00	105	0.0245	24.4690	5:00	N/A	0	0.0000	5:00	57	0.0029	2.9173	
5:15	88	0.0013	1.3432	5:15	105	0.0259	25.9334	5:15	N/A	0	0.0000	5:15	57	0.0027	2.6795	
5:30	88	0.0008	0.7926	5:30	105	0.0256	25.6289	5:30	N/A	0	0.0000	5:30	57	0.0025	2.4866	
5:45	88	0.0004	0.3592	5:45	105	0.0252	25.1594	5:45	N/A	0	0.0000	5:45	57	0.0024	2.4344	
6:00	88	0.0004	0.4017	6:00	105	0.0245	24.5441	6:00	N/A	0	0.0000	6:00	57	0.0026	2.5601	
6:15	88	0.0000	0.0000	6:15	105	0.0240	23.9996	6:15	N/A	0	0.0000	6:15	57	0.0022	2.1762	
6:30	88	0.0000	0.0000	6:30	105	0.0237	23.7430	6:30	N/A	0	0.0000	6:30	57	0.0011	1.1104	
6:45	88	0.0000	0.0019	6:45	105	0.0236	23.6227	6:45	N/A	0	0.0000	6:45	57	0.0009	0.9284	
7:00	88	0.0002	0.1897	7:00	105	0.0247	24.7260	7:00	N/A	0	0.0000	7:00	57	0.0018	1.7559	
7:15	88	0.0000	0.0000	7:15	105	0.0207	20.7304	7:15	N/A	0	0.0000	7:15	57	0.0014	1.3518	
7:30	88	0.0001	0.1444	7:30	105	0.0192	19.2206	7:30	N/A	0	0.0000	7:30	57	0.0017	1.7202	
7:45	88	0.0004	0.4083	7:45	105	0.0258	25.7847	7:45	N/A	0	0.0000	7:45	57	0.0037	3.7220	
8:00	88	0.0000	0.0019	8:00	105	0.0243	24.3329	8:00	N/A	0	0.0000	8:00	57	0.0028	2.7608	
8:15	88	0.0047	4.6602	8:15	105	0.0226	22.6093	8:15	N/A	0	0.0000	8:15	57	0.0019	1.8713	
8:30	88	0.0000	0.0000	8:30	105	0.0219	21.9424	8:30	N/A	0	0.0000	8:30	57	0.0011	1.1002	
8:45	88	0.0000	0.0000	8:45	105	0.0225	22.4662	8:45	N/A	0	0.0000	8:45	57	0.0017	1.6732	
9:00	88	0.0000	0.0000	9:00	105	0.0226	22.5557	9:00	N/A	0	0.0000	9:00	57	0.0017	1.6697	
9:15	88	0.0008	0.8079	9:15	105	0.0223	22.3458	9:15	N/A	0	0.0000	9:15	57	0.0014	1.4364	
9:30	88	0.0010	0.9601	9:30	105	0.0223	22.3275	9:30	N/A	0	0.0000	9:30	57	0.0007	0.7050	
9:45	88	0.0011	1.0821	9:45	105	0.0215	21.4927	9:45	N/A	0	0.0000	9:45	57	0.0005	0.5136	
10:00	88	0.0007	0.7484	10:00	105	0.0230	23.0255	10:00	N/A	0	0.0000	10:00	57	0.0009	0.8550	
10:15	88	0.0013	1.2793	10:15	105	0.0224	22.3683	10:15	N/A	0	0.0000	10:15	57	0.0011	1.0710	
10:30	88	0.0009	0.8889	10:30	105	0.0209	20.8599	10:30	N/A	0	0.0000	10:30	57	0.0002	0.2477	
10:45	88	0.0000	0.0068	10:45	105	0.0123	12.3120	10:45	N/A	0	0.0000	10:45	57	0.0000	0.0000	
11:00	88	0.0003	0.2872	11:00	105	0.0231	23.0971	11:00	N/A	0	0.0000	11:00	57	0.0000	0.0000	
11:15	88	0.0004	0.3801	11:15	105	0.0229	22.8853	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	
11:30	88	0.0017	1.6521	11:30	105	0.0238	23.7596	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	

11:45	88	0.0010	1.0017	11:45	105	0.0223	22.3486	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	
12:00	88	0.0000	0.0408	12:00	105	0.0223	22.2590	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0000	0.0000	12:15	105	0.0227	22.7106	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0001	0.1162	12:30	105	0.0228	22.7774	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0004	
12:45	88	0.0001	0.0975	12:45	105	0.0221	22.0650	12:45	N/A	0	0.0000	12:45	57	0.0001	0.0616	
13:00	88	0.0000	0.0000	13:00	105	0.0215	21.4897	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0000	0.0000	13:15	105	0.0212	21.1830	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0198	
13:30	88	0.0001	0.0687	13:30	105	0.0223	22.3168	13:30	N/A	0	0.0000	13:30	57	0.0004	0.4484	
13:45	88	0.0005	0.5236	13:45	105	0.0219	21.9034	13:45	N/A	0	0.0000	13:45	57	0.0014	1.4282	
14:00	88	0.0006	0.5944	14:00	105	0.0225	22.4848	14:00	N/A	0	0.0000	14:00	57	0.0022	2.2067	
14:15	88	0.0000	0.0000	14:15	105	0.0226	22.5789	14:15	N/A	0	0.0000	14:15	57	0.0019	1.8812	
14:30	88	0.0000	0.0000	14:30	105	0.0220	21.9994	14:30	N/A	0	0.0000	14:30	57	0.0022	2.2254	
14:45	88	0.0000	0.0000	14:45	105	0.0243	24.2779	14:45	N/A	0	0.0000	14:45	57	0.0023	2.3019	
15:00	88	0.0000	0.0205	15:00	105	0.0234	23.3647	15:00	N/A	0	0.0000	15:00	57	0.0020	2.0354	
15:15	88	0.0000	0.0410	15:15	105	0.0229	22.8904	15:15	N/A	0	0.0000	15:15	57	0.0026	2.6383	
15:30	88	0.0000	0.0000	15:30	105	0.0223	22.3387	15:30	N/A	0	0.0000	15:30	57	0.0031	3.1143	
15:45	88	0.0000	0.0000	15:45	105	0.0225	22.4954	15:45	N/A	0	0.0000	15:45	57	0.0033	3.2644	
16:00	88	0.0001	0.0584	16:00	105	0.0239	23.8767	16:00	N/A	0	0.0000	16:00	57	0.0017	1.6586	
16:15	88	0.0007	0.6731	16:15	105	0.0237	23.7356	16:15	N/A	0	0.0000	16:15	57	0.0002	0.2073	
16:30	88	0.0002	0.1866	16:30	105	0.0216	21.6466	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0007	0.6564	16:45	105	0.0222	22.1830	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0002	0.1549	17:00	105	0.0228	22.8018	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0000	0.0000	17:15	105	0.0217	21.6926	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0000	0.0000	17:30	105	0.0218	21.8170	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0000	0.0000	17:45	105	0.0213	21.2977	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0000	0.0000	18:00	105	0.0218	21.8210	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0000	0.0000	18:15	105	0.0220	21.9862	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0000	0.0000	18:30	105	0.0217	21.7076	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0000	0.0000	18:45	105	0.0228	22.8308	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0003	0.2754	19:00	105	0.0236	23.5633	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0004	0.3967	19:15	105	0.0226	22.5566	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0005	0.4784	19:30	105	0.0224	22.4142	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0005	0.5116	19:45	105	0.0224	22.4242	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0007	0.7341	20:00	105	0.0218	21.8460	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0006	0.6308	20:15	105	0.0215	21.4605	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0002	0.1909	20:30	105	0.0222	22.2323	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0001	0.0822	20:45	105	0.0206	20.5709	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0083	
21:00	88	0.0001	0.1433	21:00	105	0.0208	20.8134	21:00	N/A	0	0.0000	21:00	57	0.0002	0.1826	
21:15	88	0.0001	0.1415	21:15	105	0.0208	20.7558	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0000	0.0298	21:30	105	0.0214	21.3851	21:30	N/A	0	0.0000	21:30	57	0.0001	0.0730	
21:45	88	0.0000	0.0000	21:45	105	0.0214	21.4071	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0029	
22:00	88	0.0000	0.0000	22:00	105	0.0216	21.5739	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0000	0.0000	22:15	105	0.0198	19.7600	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0000	0.0000	22:30	105	0.0235	23.5483	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0000	0.0000	22:45	105	0.0266	26.6095	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0000	0.0000	23:00	105	0.0287	28.7024	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0116	
23:15	88	0.0000	0.0000	23:15	105	0.0261	26.0510	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0000	0.0000	23:30	105	0.0235	23.4545	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0000	0.0000	23:45	105	0.0218	21.7754	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/22/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/22/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/22/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/22/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0000	0.0000	0:00	105	0.0219	21.8822	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0000	0.0000	0:15	105	0.0207	20.7231	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0001	0.1158	0:30	105	0.0198	19.7834	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0008	0.7598	0:45	105	0.0195	19.4640	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0012	1.1794	1:00	105	0.0201	20.1425	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0010	1.0150	1:15	105	0.0205	20.5223	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0006	0.5777	1:30	105	0.0206	20.6068	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0000	0.0000	1:45	105	0.0196	19.5987	1:45	N/A	0	0.0000	1:45	57	0.0001	0.0929	
2:00	88	0.0000	0.0000	2:00	105	0.0184	18.4288	2:00	N/A	0	0.0000	2:00	57	0.0001	0.0768	
2:15	88	0.0000	0.0000	2:15	105	0.0180	18.0082	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0000	
2:30	88	0.0000	0.0000	2:30	105	0.0179	17.9091	2:30	N/A	0	0.0000	2:30	57	0.0000	0.0000	
2:45	88	0.0000	0.0436	2:45	105	0.0178	17.7702	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0004	0.3524	3:00	105	0.0181	18.1134	3:00	N/A	0	0.0000	3:00	57	0.0001	0.0833	
3:15	88	0.0000	0.0267	3:15	105	0.0189	18.9412	3:15	N/A	0	0.0000	3:15	57	0.0001	0.0609	
3:30	88	0.0000	0.0000	3:30	105	0.0178	17.8273	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0000	0.0051	3:45	105	0.0175	17.4807	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0000	0.0480	4:00	105	0.0178	17.8315	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0001	0.0981	4:15	105	0.0175	17.5479	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0000	0.0104	4:30	105	0.0169	16.9111	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0002	0.2082	4:45	105	0.0168	16.8479	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0008	0.7592	5:00	105	0.0174	17.3829	5:00	N/A	0	0.0000	5:00	57	0.0001	0.0769	
5:15	88	0.0012	1.1815	5:15	105	0.0184	18.3923	5:15	N/A	0	0.0000	5:15	57	0.0001	0.0736	
5:30	88	0.0017	1.7167	5:30	105	0.0181	18.0555	5:30	N/A	0	0.0000	5:30	57	0.0003	0.2722	
5:45	88	0.0016	1.6316	5:45	105	0.0174	17.3667	5:45	N/A	0	0.0000	5:45	57	0.0005	0.4882	
6:00	88	0.0018	1.7622	6:00	105	0.0169	16.9259	6:00	N/A	0	0.0000	6:00	57	0.0001	0.1119	
6:15	88	0.0019	1.9049	6:15	105	0.0169	16.8610	6:15	N/A	0	0.0000	6:15	57	0.0003	0.3162	
6:30	88	0.0020	1.9723	6:30	105	0.0171	17.0698	6:30	N/A	0	0.0000	6:30	57	0.0004	0.3879	
6:45	88	0.0028	2.8085	6:45	105	0.0175	17.4616	6:45	N/A	0	0.0000	6:45	57	0.0001	0.0634	
7:00	88	0.0030	3.0364	7:00	105	0.0177	17.7283	7:00	N/A	0	0.0000	7:00	57	0.0001	0.0527	
7:15	88	0.0031	3.0662	7:15	105	0.0176	17.5537	7:15	N/A	0	0.0000	7:15	57	0.0001	0.0658	
7:30	88	0.0038	3.8209	7:30	105	0.0175	17.5204	7:30	N/A	0	0.0000	7:30	57	0.0002	0.2461	
7:45	88	0.0046	4.6339	7:45	105	0.0175	17.4905	7:45	N/A	0	0.0000	7:45	57	0.0006	0.5671	
8:00	88	0.0053	5.2955	8:00	105	0.0173	17.2777	8:00	N/A	0	0.0000	8:00	57	0.0002	0.1829	
8:15	88	0.0053	5.2818	8:15	105	0.0173	17.2838	8:15	N/A	0	0.0000	8:15	57	0.0003	0.3497	
8:30	88	0.0052	5.1604	8:30	105	0.0182	18.1943	8:30	N/A	0	0.0000	8:30	57	0.0004	0.4068	
8:45	88	0.0058	5.8236	8:45	105	0.0198	19.7805	8:45	N/A	0	0.0000	8:45	57	0.0005	0.4615	
9:00	88	0.0058	5.8134	9:00	105	0.0195	19.4643	9:00	N/A	0	0.0000	9:00	57	0.0002	0.1812	
9:15	88	0.0064	6.3958	9:15	105	0.0192	19.1574	9:15	N/A	0	0.0000	9:15	57	0.0003	0.3367	
9:30	88	0.0064	6.4144	9:30	105	0.0190	19.0023	9:30	N/A	0	0.0000	9:30	57	0.0005	0.5403	
9:45	88	0.0063	6.2973	9:45	105	0.0188	18.7750	9:45	N/A	0	0.0000	9:45	57	0.0000	0.0000	
10:00	88	0.0064	6.3945	10:00	105	0.0193	19.2750	10:00	N/A	0	0.0000	10:00	57	0.0000	0.0000	
10:15	88	0.0069	6.9277	10:15	105	0.0186	18.6279	10:15	N/A	0	0.0000	10:15	57	0.0000	0.0000	
10:30	88	0.0072	7.1810	10:30	105	0.0183	18.3416	10:30	N/A	0	0.0000	10:30	57	0.0001	0.0624	
10:45	88	0.0080	8.0060	10:45	105	0.0185	18.5212	10:45	N/A	0	0.0000	10:45	57	0.0002	0.2100	
11:00	88	0.0078	7.8497	11:00	105	0.0185	18.4807	11:00	N/A	0	0.0000	11:00	57	0.0001	0.0905	
11:15	88	0.0077	7.6985	11:15	105	0.0188	18.7870	11:15	N/A	0	0.0000	11:15	57	0.0000	0.0000	
11:30	88	0.0075	7.4612	11:30	105	0.0190	19.0312	11:30	N/A	0	0.0000	11:30	57	0.0000	0.0000	
11:45	88	0.0072	7.1563	11:45	105	0.0181	18.0972	11:45	N/A	0	0.0000	11:45	57	0.0000	0.0000	

12:00	88	0.0069	6.9147	12:00	105	0.0177	17.7275	12:00	N/A	0	0.0000	12:00	57	0.0000	0.0000	
12:15	88	0.0068	6.8442	12:15	105	0.0186	18.6212	12:15	N/A	0	0.0000	12:15	57	0.0000	0.0000	
12:30	88	0.0074	7.4019	12:30	105	0.0189	18.8922	12:30	N/A	0	0.0000	12:30	57	0.0000	0.0000	
12:45	88	0.0082	8.1846	12:45	105	0.0190	19.0435	12:45	N/A	0	0.0000	12:45	57	0.0000	0.0000	
13:00	88	0.0078	7.7567	13:00	105	0.0192	19.2192	13:00	N/A	0	0.0000	13:00	57	0.0000	0.0000	
13:15	88	0.0079	7.8584	13:15	105	0.0193	19.2829	13:15	N/A	0	0.0000	13:15	57	0.0000	0.0000	
13:30	88	0.0079	7.8766	13:30	105	0.0193	19.2769	13:30	N/A	0	0.0000	13:30	57	0.0000	0.0000	
13:45	88	0.0084	8.3820	13:45	105	0.0187	18.6983	13:45	N/A	0	0.0000	13:45	57	0.0000	0.0000	
14:00	88	0.0084	8.3610	14:00	105	0.0179	17.9087	14:00	N/A	0	0.0000	14:00	57	0.0000	0.0000	
14:15	88	0.0085	8.5149	14:15	105	0.0176	17.5832	14:15	N/A	0	0.0000	14:15	57	0.0000	0.0000	
14:30	88	0.0087	8.6876	14:30	105	0.0178	17.7776	14:30	N/A	0	0.0000	14:30	57	0.0000	0.0000	
14:45	88	0.0091	9.0874	14:45	105	0.0179	17.9401	14:45	N/A	0	0.0000	14:45	57	0.0000	0.0000	
15:00	88	0.0088	8.7784	15:00	105	0.0183	18.3426	15:00	N/A	0	0.0000	15:00	57	0.0000	0.0000	
15:15	88	0.0084	8.3845	15:15	105	0.0177	17.6513	15:15	N/A	0	0.0000	15:15	57	0.0000	0.0000	
15:30	88	0.0085	8.5320	15:30	105	0.0178	17.7725	15:30	N/A	0	0.0000	15:30	57	0.0000	0.0000	
15:45	88	0.0080	8.0115	15:45	105	0.0174	17.3606	15:45	N/A	0	0.0000	15:45	57	0.0000	0.0000	
16:00	88	0.0079	7.8534	16:00	105	0.0171	17.0856	16:00	N/A	0	0.0000	16:00	57	0.0000	0.0000	
16:15	88	0.0083	8.2524	16:15	105	0.0168	16.8189	16:15	N/A	0	0.0000	16:15	57	0.0000	0.0000	
16:30	88	0.0090	8.9664	16:30	105	0.0169	16.8693	16:30	N/A	0	0.0000	16:30	57	0.0000	0.0000	
16:45	88	0.0094	9.3689	16:45	105	0.0169	16.9328	16:45	N/A	0	0.0000	16:45	57	0.0000	0.0000	
17:00	88	0.0097	9.6859	17:00	105	0.0168	16.7665	17:00	N/A	0	0.0000	17:00	57	0.0000	0.0000	
17:15	88	0.0099	9.8876	17:15	105	0.0171	17.0912	17:15	N/A	0	0.0000	17:15	57	0.0000	0.0000	
17:30	88	0.0097	9.6769	17:30	105	0.0177	17.6949	17:30	N/A	0	0.0000	17:30	57	0.0000	0.0000	
17:45	88	0.0093	9.3296	17:45	105	0.0177	17.7486	17:45	N/A	0	0.0000	17:45	57	0.0000	0.0000	
18:00	88	0.0089	8.8926	18:00	105	0.0169	16.8671	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0093	9.3282	18:15	105	0.0167	16.6901	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0095	9.5500	18:30	105	0.0168	16.8438	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0052	5.2173	18:45	105	0.0160	15.9778	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0069	
19:00	88	0.0074	7.3903	19:00	105	0.0110	10.9660	19:00	N/A	0	0.0000	19:00	57	0.0012	1.1986	
19:15	88	0.0092	9.1752	19:15	105	0.0159	15.8966	19:15	N/A	0	0.0000	19:15	57	0.0016	1.6398	
19:30	88	0.0092	9.1898	19:30	105	0.0164	16.3755	19:30	N/A	0	0.0000	19:30	57	0.0019	1.9104	
19:45	88	0.0092	9.2022	19:45	105	0.0160	15.9798	19:45	N/A	0	0.0000	19:45	57	0.0022	2.1873	
20:00	88	0.0095	9.4606	20:00	105	0.0159	15.9153	20:00	N/A	0	0.0000	20:00	57	0.0024	2.3685	
20:15	88	0.0093	9.3479	20:15	105	0.0168	16.8004	20:15	N/A	0	0.0000	20:15	57	0.0022	2.2089	
20:30	88	0.0097	9.6823	20:30	105	0.0172	17.1696	20:30	N/A	0	0.0000	20:30	57	0.0026	2.6294	
20:45	88	0.0095	9.4903	20:45	105	0.0166	16.6010	20:45	N/A	0	0.0000	20:45	57	0.0023	2.3138	
21:00	88	0.0091	9.1040	21:00	105	0.0169	16.8761	21:00	N/A	0	0.0000	21:00	57	0.0026	2.6204	
21:15	88	0.0088	8.8028	21:15	105	0.0163	16.3419	21:15	N/A	0	0.0000	21:15	57	0.0027	2.6807	
21:30	88	0.0093	9.3128	21:30	105	0.0162	16.2099	21:30	N/A	0	0.0000	21:30	57	0.0030	3.0420	
21:45	88	0.0099	9.8854	21:45	105	0.0167	16.7346	21:45	N/A	0	0.0000	21:45	57	0.0034	3.4260	
22:00	88	0.0102	10.2394	22:00	105	0.0170	16.9801	22:00	N/A	0	0.0000	22:00	57	0.0039	3.8976	
22:15	88	0.0082	8.1571	22:15	105	0.0173	17.2866	22:15	N/A	0	0.0000	22:15	57	0.0042	4.1952	
22:30	88	0.0084	8.3790	22:30	105	0.0133	13.2786	22:30	N/A	0	0.0000	22:30	57	0.0033	3.2789	
22:45	88	0.0097	9.6751	22:45	105	0.0173	17.2660	22:45	N/A	0	0.0000	22:45	57	0.0046	4.5669	
23:00	88	0.0099	9.8540	23:00	105	0.0172	17.2461	23:00	N/A	0	0.0000	23:00	57	0.0049	4.8914	
23:15	88	0.0094	9.4105	23:15	105	0.0174	17.4048	23:15	N/A	0	0.0000	23:15	57	0.0049	4.9121	
23:30	88	0.0092	9.2196	23:30	105	0.0165	16.5095	23:30	N/A	0	0.0000	23:30	57	0.0045	4.5183	
23:45	88	0.0089	8.9213	23:45	105	0.0170	16.9576	23:45	N/A	0	0.0000	23:45	57	0.0045	4.4629	



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

11/23/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/23/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/23/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/23/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0086	8.5785	0:00	105	0.0162	16.1863	0:00	N/A	0	0.0000	0:00	57	0.0043	4.2848	
0:15	88	0.0086	8.5587	0:15	105	0.0164	16.3826	0:15	N/A	0	0.0000	0:15	57	0.0045	4.5043	
0:30	88	0.0088	8.7675	0:30	105	0.0165	16.4918	0:30	N/A	0	0.0000	0:30	57	0.0046	4.6346	
0:45	88	0.0092	9.1672	0:45	105	0.0161	16.0952	0:45	N/A	0	0.0000	0:45	57	0.0050	5.0490	
1:00	88	0.0061	6.0926	1:00	105	0.0127	12.6618	1:00	N/A	0	0.0000	1:00	57	0.0027	2.6895	
1:15	88	0.0065	6.5268	1:15	105	0.0126	12.6451	1:15	N/A	0	0.0000	1:15	57	0.0042	4.1554	
1:30	88	0.0099	9.8981	1:30	105	0.0168	16.8159	1:30	N/A	0	0.0000	1:30	57	0.0065	6.5061	
1:45	88	0.0097	9.7311	1:45	105	0.0163	16.3451	1:45	N/A	0	0.0000	1:45	57	0.0069	6.9094	
2:00	88	0.0092	9.1777	2:00	105	0.0170	16.9870	2:00	N/A	0	0.0000	2:00	57	0.0064	6.3844	
2:15	88	0.0089	8.9263	2:15	105	0.0166	16.5566	2:15	N/A	0	0.0000	2:15	57	0.0061	6.0900	
2:30	88	0.0091	9.0760	2:30	105	0.0173	17.3361	2:30	N/A	0	0.0000	2:30	57	0.0059	5.8963	
2:45	88	0.0090	9.0084	2:45	105	0.0178	17.8422	2:45	N/A	0	0.0000	2:45	57	0.0056	5.5901	
3:00	88	0.0088	8.7764	3:00	105	0.0170	17.0085	3:00	N/A	0	0.0000	3:00	57	0.0054	5.4071	
3:15	88	0.0086	8.6305	3:15	105	0.0175	17.4771	3:15	N/A	0	0.0000	3:15	57	0.0057	5.6738	
3:30	88	0.0086	8.6336	3:30	105	0.0171	17.1189	3:30	N/A	0	0.0000	3:30	57	0.0058	5.8027	
3:45	88	0.0088	8.8249	3:45	105	0.0172	17.1686	3:45	N/A	0	0.0000	3:45	57	0.0060	5.9845	
4:00	88	0.0092	9.1638	4:00	105	0.0169	16.8529	4:00	N/A	0	0.0000	4:00	57	0.0060	6.0079	
4:15	88	0.0090	8.9584	4:15	105	0.0171	17.1242	4:15	N/A	0	0.0000	4:15	57	0.0057	5.7336	
4:30	88	0.0083	8.3211	4:30	105	0.0168	16.7744	4:30	N/A	0	0.0000	4:30	57	0.0052	5.1767	
4:45	88	0.0068	6.8125	4:45	105	0.0147	14.6864	4:45	N/A	0	0.0000	4:45	57	0.0039	3.8688	
5:00	88	0.0068	6.7809	5:00	105	0.0169	16.8798	5:00	N/A	0	0.0000	5:00	57	0.0052	5.2193	
5:15	88	0.0090	9.0049	5:15	105	0.0171	17.1451	5:15	N/A	0	0.0000	5:15	57	0.0060	6.0029	
5:30	88	0.0091	9.0972	5:30	105	0.0165	16.5101	5:30	N/A	0	0.0000	5:30	57	0.0055	5.5157	
5:45	88	0.0065	6.4667	5:45	105	0.0118	11.7967	5:45	N/A	0	0.0000	5:45	57	0.0036	3.6178	
6:00	88	0.0049	4.9402	6:00	105	0.0148	14.8042	6:00	N/A	0	0.0000	6:00	57	0.0045	4.4992	
6:15	88	0.0085	8.5435	6:15	105	0.0164	16.4285	6:15	N/A	0	0.0000	6:15	57	0.0059	5.8990	
6:30	88	0.0089	8.8626	6:30	105	0.0164	16.4496	6:30	N/A	0	0.0000	6:30	57	0.0057	5.6993	
6:45	88	0.0091	9.1350	6:45	105	0.0164	16.4000	6:45	N/A	0	0.0000	6:45	57	0.0061	6.1028	
7:00	88	0.0093	9.2723	7:00	105	0.0161	16.1378	7:00	N/A	0	0.0000	7:00	57	0.0064	6.4105	
7:15	88	0.0088	8.8121	7:15	105	0.0157	15.7256	7:15	N/A	0	0.0000	7:15	57	0.0068	6.8098	
7:30	88	0.0072	7.1899	7:30	105	0.0134	13.4021	7:30	N/A	0	0.0000	7:30	57	0.0060	5.9754	
7:45	88	0.0060	5.9826	7:45	105	0.0141	14.1084	7:45	N/A	0	0.0000	7:45	57	0.0050	4.9850	
8:00	88	0.0078	7.8110	8:00	105	0.0150	14.9909	8:00	N/A	0	0.0000	8:00	57	0.0057	5.7285	
8:15	88	0.0077	7.7171	8:15	105	0.0156	15.5714	8:15	N/A	0	0.0000	8:15	57	0.0059	5.8791	
8:30	88	0.0078	7.8042	8:30	105	0.0159	15.9230	8:30	N/A	0	0.0000	8:30	57	0.0059	5.8529	
8:45	88	0.0080	7.9792	8:45	105	0.0169	16.8537	8:45	N/A	0	0.0000	8:45	57	0.0060	6.0357	
9:00	88	0.0086	8.6237	9:00	105	0.0170	16.9780	9:00	N/A	0	0.0000	9:00	57	0.0064	6.3826	
9:15	88	0.0087	8.7161	9:15	105	0.0169	16.8926	9:15	N/A	0	0.0000	9:15	57	0.0066	6.6398	
9:30	88	0.0088	8.7676	9:30	105	0.0169	16.8611	9:30	N/A	0	0.0000	9:30	57	0.0068	6.8047	
9:45	88	0.0086	8.6499	9:45	105	0.0166	16.5955	9:45	N/A	0	0.0000	9:45	57	0.0068	6.7653	
10:00	88	0.0084	8.3577	10:00	105	0.0159	15.8879	10:00	N/A	0	0.0000	10:00	57	0.0065	6.4580	
10:15	88	0.0085	8.5322	10:15	105	0.0160	16.0177	10:15	N/A	0	0.0000	10:15	57	0.0061	6.0630	
10:30	88	0.0085	8.5384	10:30	105	0.0166	16.5840	10:30	N/A	0	0.0000	10:30	57	0.0060	6.0468	
10:45	88	0.0080	7.9547	10:45	105	0.0171	17.0748	10:45	N/A	0	0.0000	10:45	57	0.0060	5.9718	
11:00	88	0.0082	8.2500	11:00	105	0.0174	17.4450	11:00	N/A	0	0.0000	11:00	57	0.0060	5.9854	
11:15	88	0.0080	8.0043	11:15	105	0.0172	17.1654	11:15	N/A	0	0.0000	11:15	57	0.0058	5.7605	
11:30	88	0.0076	7.5826	11:30	105	0.0171	17.1110	11:30	N/A	0	0.0000	11:30	57	0.0057	5.7204	
11:45	88	0.0075	7.5335	11:45	105	0.0173	17.3140	11:45	N/A	0	0.0000	11:45	57	0.0060	5.9785	

12:00	88	0.0074	7.3730	12:00	105	0.0173	17.2744	12:00	N/A	0	0.0000	12:00	57	0.0062	6.1920	
12:15	88	0.0074	7.3653	12:15	105	0.0172	17.2264	12:15	N/A	0	0.0000	12:15	57	0.0062	6.2462	
12:30	88	0.0075	7.4980	12:30	105	0.0172	17.1751	12:30	N/A	0	0.0000	12:30	57	0.0061	6.0622	
12:45	88	0.0073	7.3144	12:45	105	0.0168	16.7809	12:45	N/A	0	0.0000	12:45	57	0.0057	5.7028	
13:00	88	0.0073	7.3230	13:00	105	0.0164	16.3900	13:00	N/A	0	0.0000	13:00	57	0.0057	5.6504	
13:15	88	0.0076	7.6219	13:15	105	0.0166	16.6202	13:15	N/A	0	0.0000	13:15	57	0.0060	5.9968	
13:30	88	0.0073	7.3279	13:30	105	0.0167	16.7411	13:30	N/A	0	0.0000	13:30	57	0.0058	5.8200	
13:45	88	0.0071	7.1240	13:45	105	0.0169	16.9387	13:45	N/A	0	0.0000	13:45	57	0.0058	5.8422	
14:00	88	0.0072	7.2473	14:00	105	0.0170	17.0143	14:00	N/A	0	0.0000	14:00	57	0.0061	6.0636	
14:15	88	0.0071	7.1247	14:15	105	0.0168	16.8403	14:15	N/A	0	0.0000	14:15	57	0.0061	6.0957	
14:30	88	0.0072	7.2008	14:30	105	0.0171	17.0538	14:30	N/A	0	0.0000	14:30	57	0.0061	6.0962	
14:45	88	0.0071	7.0629	14:45	105	0.0168	16.7964	14:45	N/A	0	0.0000	14:45	57	0.0059	5.8830	
15:00	88	0.0061	6.0538	15:00	105	0.0163	16.2834	15:00	N/A	0	0.0000	15:00	57	0.0057	5.6997	
15:15	88	0.0062	6.2296	15:15	105	0.0163	16.2566	15:15	N/A	0	0.0000	15:15	57	0.0057	5.6555	
15:30	88	0.0069	6.9454	15:30	105	0.0167	16.6634	15:30	N/A	0	0.0000	15:30	57	0.0061	6.0895	
15:45	88	0.0068	6.7809	15:45	105	0.0167	16.6930	15:45	N/A	0	0.0000	15:45	57	0.0060	5.9769	
16:00	88	0.0067	6.7125	16:00	105	0.0169	16.9233	16:00	N/A	0	0.0000	16:00	57	0.0057	5.7066	
16:15	88	0.0064	6.4473	16:15	105	0.0168	16.8079	16:15	N/A	0	0.0000	16:15	57	0.0057	5.7129	
16:30	88	0.0072	7.1606	16:30	105	0.0169	16.8870	16:30	N/A	0	0.0000	16:30	57	0.0061	6.1360	
16:45	88	0.0068	6.7690	16:45	105	0.0167	16.6998	16:45	N/A	0	0.0000	16:45	57	0.0061	6.0536	
17:00	88	0.0057	5.6709	17:00	105	0.0146	14.6286	17:00	N/A	0	0.0000	17:00	57	0.0049	4.9093	
17:15	88	0.0007	0.7046	17:15	105	0.0112	11.1646	17:15	N/A	0	0.0000	17:15	57	0.0007	0.7268	
17:30	88	0.0063	6.2867	17:30	105	0.0147	14.7402	17:30	N/A	0	0.0000	17:30	57	0.0065	6.5003	
17:45	88	0.0058	5.8342	17:45	105	0.0164	16.4249	17:45	N/A	0	0.0000	17:45	57	0.0063	6.2806	
18:00	88	0.0060	5.9671	18:00	105	0.0167	16.6777	18:00	N/A	0	0.0000	18:00	57	0.0061	6.1057	
18:15	88	0.0053	5.3052	18:15	105	0.0157	15.7480	18:15	N/A	0	0.0000	18:15	57	0.0055	5.4563	
18:30	88	0.0040	3.9528	18:30	105	0.0152	15.1991	18:30	N/A	0	0.0000	18:30	57	0.0044	4.3727	
18:45	88	0.0051	5.0971	18:45	105	0.0171	17.1060	18:45	N/A	0	0.0000	18:45	57	0.0063	6.3354	
19:00	88	0.0055	5.5222	19:00	105	0.0174	17.3563	19:00	N/A	0	0.0000	19:00	57	0.0061	6.0523	
19:15	88	0.0051	5.0565	19:15	105	0.0176	17.5793	19:15	N/A	0	0.0000	19:15	57	0.0059	5.8681	
19:30	88	0.0046	4.6045	19:30	105	0.0174	17.3952	19:30	N/A	0	0.0000	19:30	57	0.0053	5.3494	
19:45	88	0.0045	4.5194	19:45	105	0.0175	17.5472	19:45	N/A	0	0.0000	19:45	57	0.0053	5.3067	
20:00	88	0.0049	4.8879	20:00	105	0.0170	16.9848	20:00	N/A	0	0.0000	20:00	57	0.0054	5.4383	
20:15	88	0.0052	5.1916	20:15	105	0.0170	17.0320	20:15	N/A	0	0.0000	20:15	57	0.0060	6.0456	
20:30	88	0.0057	5.6514	20:30	105	0.0174	17.3855	20:30	N/A	0	0.0000	20:30	57	0.0060	6.0066	
20:45	88	0.0054	5.4261	20:45	105	0.0173	17.2842	20:45	N/A	0	0.0000	20:45	57	0.0062	6.2182	
21:00	88	0.0053	5.3061	21:00	105	0.0178	17.7856	21:00	N/A	0	0.0000	21:00	57	0.0063	6.3232	
21:15	88	0.0058	5.7708	21:15	105	0.0178	17.8125	21:15	N/A	0	0.0000	21:15	57	0.0066	6.5768	
21:30	88	0.0057	5.7038	21:30	105	0.0173	17.3158	21:30	N/A	0	0.0000	21:30	57	0.0068	6.7694	
21:45	88	0.0042	4.1532	21:45	105	0.0155	15.5120	21:45	N/A	0	0.0000	21:45	57	0.0049	4.8710	
22:00	88	0.0062	6.1705	22:00	105	0.0171	17.1230	22:00	N/A	0	0.0000	22:00	57	0.0078	7.7652	
22:15	88	0.0055	5.5457	22:15	105	0.0152	15.1863	22:15	N/A	0	0.0000	22:15	57	0.0067	6.6567	
22:30	88	0.0019	1.9193	22:30	105	0.0111	11.0953	22:30	N/A	0	0.0000	22:30	57	0.0024	2.4009	
22:45	88	0.0055	5.5232	22:45	105	0.0156	15.5628	22:45	N/A	0	0.0000	22:45	57	0.0064	6.3721	
23:00	88	0.0036	3.6311	23:00	105	0.0131	13.1239	23:00	N/A	0	0.0000	23:00	57	0.0039	3.9494	
23:15	88	0.0048	4.8244	23:15	105	0.0172	17.1703	23:15	N/A	0	0.0000	23:15	57	0.0059	5.8597	
23:30	88	0.0048	4.8304	23:30	105	0.0168	16.7558	23:30	N/A	0	0.0000	23:30	57	0.0062	6.1712	
23:45	88	0.0047	4.7302	23:45	105	0.0166	16.5587	23:45	N/A	0	0.0000	23:45	57	0.0063	6.3421	



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

11/24/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/24/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/24/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/24/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0051	5.1386	0:00	105	0.0169	16.8898	0:00	N/A	0	0.0000	0:00	57	0.0068	6.8401	
0:15	88	0.0052	5.1718	0:15	105	0.0183	18.2750	0:15	N/A	0	0.0000	0:15	57	0.0072	7.1504	
0:30	88	0.0045	4.5491	0:30	105	0.0178	17.7856	0:30	N/A	0	0.0000	0:30	57	0.0071	7.0785	
0:45	88	0.0041	4.1360	0:45	105	0.0181	18.0645	0:45	N/A	0	0.0000	0:45	57	0.0067	6.6710	
1:00	88	0.0046	4.6119	1:00	105	0.0169	16.8868	1:00	N/A	0	0.0000	1:00	57	0.0069	6.8912	
1:15	88	0.0048	4.7636	1:15	105	0.0174	17.3933	1:15	N/A	0	0.0000	1:15	57	0.0068	6.8396	
1:30	88	0.0048	4.7746	1:30	105	0.0167	16.7152	1:30	N/A	0	0.0000	1:30	57	0.0067	6.6535	
1:45	88	0.0046	4.5505	1:45	105	0.0164	16.4477	1:45	N/A	0	0.0000	1:45	57	0.0069	6.8807	
2:00	88	0.0046	4.5525	2:00	105	0.0171	17.1482	2:00	N/A	0	0.0000	2:00	57	0.0071	7.0989	
2:15	88	0.0047	4.6906	2:15	105	0.0178	17.7559	2:15	N/A	0	0.0000	2:15	57	0.0074	7.4146	
2:30	88	0.0045	4.5363	2:30	105	0.0182	18.2100	2:30	N/A	0	0.0000	2:30	57	0.0074	7.3954	
2:45	88	0.0040	3.9630	2:45	105	0.0183	18.3209	2:45	N/A	0	0.0000	2:45	57	0.0077	7.7439	
3:00	88	0.0043	4.3053	3:00	105	0.0184	18.4427	3:00	N/A	0	0.0000	3:00	57	0.0080	7.9763	
3:15	88	0.0047	4.6529	3:15	105	0.0180	17.9709	3:15	N/A	0	0.0000	3:15	57	0.0079	7.8609	
3:30	88	0.0053	5.2705	3:30	105	0.0176	17.5622	3:30	N/A	0	0.0000	3:30	57	0.0081	8.1049	
3:45	88	0.0057	5.6760	3:45	105	0.0188	18.8499	3:45	N/A	0	0.0000	3:45	57	0.0084	8.4046	
4:00	88	0.0055	5.5114	4:00	105	0.0194	19.3685	4:00	N/A	0	0.0000	4:00	57	0.0079	7.8620	
4:15	88	0.0056	5.5506	4:15	105	0.0189	18.8850	4:15	N/A	0	0.0000	4:15	57	0.0084	8.4473	
4:30	88	0.0052	5.2452	4:30	105	0.0186	18.6228	4:30	N/A	0	0.0000	4:30	57	0.0087	8.6959	
4:45	88	0.0049	4.9327	4:45	105	0.0168	16.7618	4:45	N/A	0	0.0000	4:45	57	0.0083	8.2716	
5:00	88	0.0045	4.5133	5:00	105	0.0174	17.3620	5:00	N/A	0	0.0000	5:00	57	0.0076	7.6021	
5:15	88	0.0042	4.1717	5:15	105	0.0170	17.0218	5:15	N/A	0	0.0000	5:15	57	0.0071	7.1143	
5:30	88	0.0041	4.0517	5:30	105	0.0170	17.0488	5:30	N/A	0	0.0000	5:30	57	0.0069	6.9151	
5:45	88	0.0046	4.6292	5:45	105	0.0166	16.6461	5:45	N/A	0	0.0000	5:45	57	0.0071	7.1456	
6:00	88	0.0045	4.5212	6:00	105	0.0172	17.1937	6:00	N/A	0	0.0000	6:00	57	0.0076	7.5545	
6:15	88	0.0044	4.3645	6:15	105	0.0169	16.8790	6:15	N/A	0	0.0000	6:15	57	0.0072	7.1684	
6:30	88	0.0041	4.0749	6:30	105	0.0163	16.3188	6:30	N/A	0	0.0000	6:30	57	0.0072	7.2337	
6:45	88	0.0037	3.7461	6:45	105	0.0162	16.2313	6:45	N/A	0	0.0000	6:45	57	0.0073	7.2870	
7:00	88	0.0028	2.8402	7:00	105	0.0159	15.8915	7:00	N/A	0	0.0000	7:00	57	0.0070	7.0495	
7:15	88	0.0025	2.5240	7:15	105	0.0149	14.9030	7:15	N/A	0	0.0000	7:15	57	0.0069	6.8931	
7:30	88	0.0024	2.3516	7:30	105	0.0148	14.7884	7:30	N/A	0	0.0000	7:30	57	0.0066	6.6330	
7:45	88	0.0025	2.4740	7:45	105	0.0154	15.4370	7:45	N/A	0	0.0000	7:45	57	0.0068	6.7866	
8:00	88	0.0028	2.7688	8:00	105	0.0155	15.5234	8:00	N/A	0	0.0000	8:00	57	0.0067	6.6575	
8:15	88	0.0028	2.8175	8:15	105	0.0157	15.7212	8:15	N/A	0	0.0000	8:15	57	0.0060	6.0456	
8:30	88	0.0023	2.2641	8:30	105	0.0160	15.9825	8:30	N/A	0	0.0000	8:30	57	0.0057	5.7298	
8:45	88	0.0016	1.5668	8:45	105	0.0153	15.2741	8:45	N/A	0	0.0000	8:45	57	0.0055	5.4630	
9:00	88	0.0018	1.7569	9:00	105	0.0154	15.3919	9:00	N/A	0	0.0000	9:00	57	0.0057	5.6719	
9:15	88	0.0024	2.4172	9:15	105	0.0157	15.7368	9:15	N/A	0	0.0000	9:15	57	0.0065	6.4646	
9:30	88	0.0024	2.4199	9:30	105	0.0164	16.3698	9:30	N/A	0	0.0000	9:30	57	0.0070	6.9715	
9:45	88	0.0014	1.3645	9:45	105	0.0155	15.5058	9:45	N/A	0	0.0000	9:45	57	0.0070	6.9721	
10:00	88	0.0010	1.0453	10:00	105	0.0152	15.2322	10:00	N/A	0	0.0000	10:00	57	0.0069	6.9295	
10:15	88	0.0014	1.3837	10:15	105	0.0156	15.5648	10:15	N/A	0	0.0000	10:15	57	0.0076	7.5805	
10:30	88	0.0016	1.5672	10:30	105	0.0157	15.6919	10:30	N/A	0	0.0000	10:30	57	0.0077	7.7350	
10:45	88	0.0013	1.2577	10:45	105	0.0157	15.6886	10:45	N/A	0	0.0000	10:45	57	0.0073	7.2838	
11:00	88	0.0015	1.5111	11:00	105	0.0155	15.4950	11:00	N/A	0	0.0000	11:00	57	0.0071	7.1320	
11:15	88	0.0021	2.0806	11:15	105	0.0160	15.9696	11:15	N/A	0	0.0000	11:15	57	0.0069	6.9373	
11:30	88	0.0027	2.6966	11:30	105	0.0162	16.2141	11:30	N/A	0	0.0000	11:30	57	0.0071	7.0899	
11:45	88	0.0030	2.9651	11:45	105	0.0160	15.9759	11:45	N/A	0	0.0000	11:45	57	0.0078	7.7542	

12:00	88	0.0025	2.5296	12:00	105	0.0155	15.4963	12:00	N/A	0	0.0000	12:00	57	0.0077	7.6561	
12:15	88	0.0022	2.2197	12:15	105	0.0162	16.2069	12:15	N/A	0	0.0000	12:15	57	0.0077	7.7374	
12:30	88	0.0019	1.8635	12:30	105	0.0160	16.0065	12:30	N/A	0	0.0000	12:30	57	0.0076	7.6160	
12:45	88	0.0015	1.4822	12:45	105	0.0152	15.1514	12:45	N/A	0	0.0000	12:45	57	0.0070	6.9577	
13:00	88	0.0013	1.2692	13:00	105	0.0147	14.6749	13:00	N/A	0	0.0000	13:00	57	0.0066	6.6167	
13:15	88	0.0017	1.6675	13:15	105	0.0149	14.9341	13:15	N/A	0	0.0000	13:15	57	0.0068	6.8485	
13:30	88	0.0016	1.6132	13:30	105	0.0152	15.1780	13:30	N/A	0	0.0000	13:30	57	0.0069	6.8970	
13:45	88	0.0013	1.3315	13:45	105	0.0154	15.3856	13:45	N/A	0	0.0000	13:45	57	0.0066	6.5976	
14:00	88	0.0009	0.9021	14:00	105	0.0159	15.8539	14:00	N/A	0	0.0000	14:00	57	0.0066	6.5878	
14:15	88	0.0002	0.2328	14:15	105	0.0156	15.6268	14:15	N/A	0	0.0000	14:15	57	0.0063	6.3217	
14:30	88	0.0000	0.0000	14:30	105	0.0153	15.2718	14:30	N/A	0	0.0000	14:30	57	0.0060	5.9580	
14:45	88	0.0000	0.0000	14:45	105	0.0151	15.0774	14:45	N/A	0	0.0000	14:45	57	0.0059	5.8643	
15:00	88	0.0000	0.0000	15:00	105	0.0151	15.1039	15:00	N/A	0	0.0000	15:00	57	0.0061	6.0646	
15:15	88	0.0001	0.1091	15:15	105	0.0151	15.1268	15:15	N/A	0	0.0000	15:15	57	0.0063	6.2722	
15:30	88	0.0001	0.1044	15:30	105	0.0148	14.7544	15:30	N/A	0	0.0000	15:30	57	0.0062	6.1819	
15:45	88	0.0000	0.0000	15:45	105	0.0141	14.1429	15:45	N/A	0	0.0000	15:45	57	0.0059	5.9284	
16:00	88	0.0000	0.0000	16:00	105	0.0142	14.1542	16:00	N/A	0	0.0000	16:00	57	0.0071	7.0841	
16:15	88	0.0000	0.0000	16:15	105	0.0146	14.6326	16:15	N/A	0	0.0000	16:15	57	0.0076	7.6001	
16:30	88	0.0000	0.0000	16:30	105	0.0128	12.8468	16:30	N/A	0	0.0000	16:30	57	0.0058	5.8048	
16:45	88	0.0000	0.0000	16:45	105	0.0110	11.0296	16:45	N/A	0	0.0000	16:45	57	0.0044	4.4220	
17:00	88	0.0002	0.1543	17:00	105	0.0129	12.8961	17:00	N/A	0	0.0000	17:00	57	0.0050	4.9698	
17:15	88	0.0002	0.2160	17:15	105	0.0089	8.9308	17:15	N/A	0	0.0000	17:15	57	0.0044	4.3641	
17:30	88	0.0000	0.0000	17:30	105	0.0078	7.7690	17:30	N/A	0	0.0000	17:30	57	0.0024	2.3820	
17:45	88	0.0000	0.0000	17:45	105	0.0089	8.8894	17:45	N/A	0	0.0000	17:45	57	0.0017	1.7418	
18:00	88	0.0000	0.0000	18:00	105	0.0061	6.1260	18:00	N/A	0	0.0000	18:00	57	0.0000	0.0000	
18:15	88	0.0000	0.0000	18:15	105	0.0063	6.2776	18:15	N/A	0	0.0000	18:15	57	0.0000	0.0000	
18:30	88	0.0000	0.0000	18:30	105	0.0073	7.3438	18:30	N/A	0	0.0000	18:30	57	0.0000	0.0000	
18:45	88	0.0000	0.0000	18:45	105	0.0083	8.2847	18:45	N/A	0	0.0000	18:45	57	0.0000	0.0000	
19:00	88	0.0000	0.0000	19:00	105	0.0081	8.1241	19:00	N/A	0	0.0000	19:00	57	0.0000	0.0000	
19:15	88	0.0000	0.0000	19:15	105	0.0088	8.7783	19:15	N/A	0	0.0000	19:15	57	0.0000	0.0000	
19:30	88	0.0000	0.0000	19:30	105	0.0092	9.1551	19:30	N/A	0	0.0000	19:30	57	0.0000	0.0000	
19:45	88	0.0000	0.0000	19:45	105	0.0086	8.6235	19:45	N/A	0	0.0000	19:45	57	0.0000	0.0000	
20:00	88	0.0000	0.0000	20:00	105	0.0093	9.2505	20:00	N/A	0	0.0000	20:00	57	0.0000	0.0000	
20:15	88	0.0000	0.0000	20:15	105	0.0093	9.2950	20:15	N/A	0	0.0000	20:15	57	0.0000	0.0000	
20:30	88	0.0000	0.0000	20:30	105	0.0090	9.0153	20:30	N/A	0	0.0000	20:30	57	0.0000	0.0000	
20:45	88	0.0000	0.0000	20:45	105	0.0087	8.7205	20:45	N/A	0	0.0000	20:45	57	0.0000	0.0000	
21:00	88	0.0000	0.0000	21:00	105	0.0086	8.6000	21:00	N/A	0	0.0000	21:00	57	0.0000	0.0000	
21:15	88	0.0000	0.0000	21:15	105	0.0081	8.0861	21:15	N/A	0	0.0000	21:15	57	0.0000	0.0000	
21:30	88	0.0000	0.0000	21:30	105	0.0083	8.2899	21:30	N/A	0	0.0000	21:30	57	0.0000	0.0000	
21:45	88	0.0000	0.0000	21:45	105	0.0084	8.3552	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0000	0.0000	22:00	105	0.0083	8.3081	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0000	0.0000	22:15	105	0.0092	9.2177	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0000	0.0000	22:30	105	0.0101	10.0711	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0000	0.0000	22:45	105	0.0103	10.3224	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0000	0.0000	23:00	105	0.0098	9.7557	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0000	0.0000	23:15	105	0.0099	9.8968	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0000	0.0000	23:30	105	0.0095	9.4814	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0000	0.0000	23:45	105	0.0097	9.6964	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/25/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/25/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/25/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/25/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0000	0.0000	0:00	105	0.0103	10.3404	0:00	N/A	0	0.0000	0:00	57	0.0000	0.0000	
0:15	88	0.0000	0.0000	0:15	105	0.0100	9.9621	0:15	N/A	0	0.0000	0:15	57	0.0000	0.0000	
0:30	88	0.0000	0.0000	0:30	105	0.0086	8.5766	0:30	N/A	0	0.0000	0:30	57	0.0000	0.0000	
0:45	88	0.0000	0.0000	0:45	105	0.0084	8.3675	0:45	N/A	0	0.0000	0:45	57	0.0000	0.0000	
1:00	88	0.0000	0.0000	1:00	105	0.0083	8.2845	1:00	N/A	0	0.0000	1:00	57	0.0000	0.0000	
1:15	88	0.0000	0.0000	1:15	105	0.0085	8.5457	1:15	N/A	0	0.0000	1:15	57	0.0000	0.0000	
1:30	88	0.0000	0.0000	1:30	105	0.0084	8.3932	1:30	N/A	0	0.0000	1:30	57	0.0000	0.0000	
1:45	88	0.0000	0.0000	1:45	105	0.0081	8.0886	1:45	N/A	0	0.0000	1:45	57	0.0000	0.0000	
2:00	88	0.0000	0.0000	2:00	105	0.0084	8.4004	2:00	N/A	0	0.0000	2:00	57	0.0000	0.0000	
2:15	88	0.0000	0.0000	2:15	105	0.0082	8.1771	2:15	N/A	0	0.0000	2:15	57	0.0000	0.0002	
2:30	88	0.0000	0.0000	2:30	105	0.0079	7.9198	2:30	N/A	0	0.0000	2:30	57	0.0002	0.2036	
2:45	88	0.0000	0.0000	2:45	105	0.0081	8.1319	2:45	N/A	0	0.0000	2:45	57	0.0000	0.0000	
3:00	88	0.0000	0.0000	3:00	105	0.0080	7.9811	3:00	N/A	0	0.0000	3:00	57	0.0000	0.0000	
3:15	88	0.0000	0.0000	3:15	105	0.0059	5.9353	3:15	N/A	0	0.0000	3:15	57	0.0000	0.0000	
3:30	88	0.0000	0.0000	3:30	105	0.0060	5.9597	3:30	N/A	0	0.0000	3:30	57	0.0000	0.0000	
3:45	88	0.0000	0.0000	3:45	105	0.0064	6.4328	3:45	N/A	0	0.0000	3:45	57	0.0000	0.0000	
4:00	88	0.0000	0.0000	4:00	105	0.0059	5.8980	4:00	N/A	0	0.0000	4:00	57	0.0000	0.0000	
4:15	88	0.0000	0.0000	4:15	105	0.0061	6.0741	4:15	N/A	0	0.0000	4:15	57	0.0000	0.0000	
4:30	88	0.0000	0.0000	4:30	105	0.0052	5.2208	4:30	N/A	0	0.0000	4:30	57	0.0000	0.0000	
4:45	88	0.0000	0.0000	4:45	105	0.0050	4.9887	4:45	N/A	0	0.0000	4:45	57	0.0000	0.0000	
5:00	88	0.0000	0.0000	5:00	105	0.0052	5.2194	5:00	N/A	0	0.0000	5:00	57	0.0000	0.0000	
5:15	88	0.0000	0.0000	5:15	105	0.0056	5.5782	5:15	N/A	0	0.0000	5:15	57	0.0000	0.0000	
5:30	88	0.0000	0.0000	5:30	105	0.0056	5.5711	5:30	N/A	0	0.0000	5:30	57	0.0000	0.0000	
5:45	88	0.0000	0.0000	5:45	105	0.0059	5.9186	5:45	N/A	0	0.0000	5:45	57	0.0000	0.0000	
6:00	88	0.0000	0.0000	6:00	105	0.0060	5.9600	6:00	N/A	0	0.0000	6:00	57	0.0000	0.0000	
6:15	88	0.0000	0.0000	6:15	105	0.0052	5.1556	6:15	N/A	0	0.0000	6:15	57	0.0000	0.0000	
6:30	88	0.0000	0.0000	6:30	105	0.0048	4.8094	6:30	N/A	0	0.0000	6:30	57	0.0000	0.0000	
6:45	88	0.0000	0.0000	6:45	105	0.0047	4.6532	6:45	N/A	0	0.0000	6:45	57	0.0000	0.0000	
7:00	88	0.0000	0.0000	7:00	105	0.0053	5.2606	7:00	N/A	0	0.0000	7:00	57	0.0000	0.0000	
7:15	88	0.0000	0.0000	7:15	105	0.0051	5.1149	7:15	N/A	0	0.0000	7:15	57	0.0000	0.0000	
7:30	88	0.0000	0.0000	7:30	105	0.0051	5.0767	7:30	N/A	0	0.0000	7:30	57	0.0000	0.0000	
7:45	88	0.0000	0.0000	7:45	105	0.0050	5.0405	7:45	N/A	0	0.0000	7:45	57	0.0000	0.0000	
8:00	88	0.0000	0.0000	8:00	105	0.0051	5.0694	8:00	N/A	0	0.0000	8:00	57	0.0000	0.0000	
8:15	88	0.0000	0.0000	8:15	105	0.0045	4.4995	8:15	N/A	0	0.0000	8:15	57	0.0000	0.0000	
8:30	88	0.0000	0.0000	8:30	105	0.0047	4.6718	8:30	N/A	0	0.0000	8:30	57	0.0000	0.0000	
8:45	88	0.0000	0.0000	8:45	105	0.0054	5.3533	8:45	N/A	0	0.0000	8:45	57	0.0000	0.0000	
9:00	88	0.0000	0.0000	9:00	105	0.0051	5.1471	9:00	N/A	0	0.0000	9:00	57	0.0000	0.0000	
9:15	88	0.0000	0.0000	9:15	105	0.0077	7.6941	9:15	N/A	0	0.0000	9:15	57	0.0013	1.2570	
9:30	88	0.0000	0.0000	9:30	105	0.0054	5.3995	9:30	N/A	0	0.0000	9:30	57	0.0018	1.8050	
9:45	88	0.0000	0.0000	9:45	105	0.0063	6.3351	9:45	N/A	0	0.0000	9:45	57	0.0012	1.1595	
10:00	88	0.0000	0.0000	10:00	105	0.0071	7.1475	10:00	N/A	0	0.0000	10:00	57	0.0017	1.7318	
10:15	88	0.0000	0.0000	10:15	105	0.0102	10.2273	10:15	N/A	0	0.0000	10:15	57	0.0024	2.4223	
10:30	88	0.0000	0.0000	10:30	105	0.0074	7.4226	10:30	N/A	0	0.0000	10:30	57	0.0040	4.0444	
10:45	88	0.0000	0.0000	10:45	105	0.0070	7.0109	10:45	N/A	0	0.0000	10:45	57	0.0048	4.7900	
11:00	88	0.0000	0.0000	11:00	105	0.0065	6.4757	11:00	N/A	0	0.0000	11:00	57	0.0060	5.9943	
11:15	88	0.0000	0.0000	11:15	105	0.0068	6.7680	11:15	N/A	0	0.0000	11:15	57	0.0060	5.9874	
11:30	88	0.0000	0.0000	11:30	105	0.0073	7.2529	11:30	N/A	0	0.0000	11:30	57	0.0048	4.8273	
11:45	88	0.0000	0.0000	11:45	105	0.0067	6.7263	11:45	N/A	0	0.0000	11:45	57	0.0046	4.5557	

12:00	88	0.0000	0.0000	12:00	105	0.0065	6.5254	12:00	N/A	0	0.0000	12:00	57	0.0054	5.3813	
12:15	88	0.0000	0.0000	12:15	105	0.0067	6.6649	12:15	N/A	0	0.0000	12:15	57	0.0064	6.3686	
12:30	88	0.0000	0.0000	12:30	105	0.0074	7.3893	12:30	N/A	0	0.0000	12:30	57	0.0071	7.1488	
12:45	88	0.0000	0.0000	12:45	105	0.0077	7.7059	12:45	N/A	0	0.0000	12:45	57	0.0070	6.9602	
13:00	88	0.0000	0.0000	13:00	105	0.0089	8.9306	13:00	N/A	0	0.0000	13:00	57	0.0062	6.1697	
13:15	88	0.0000	0.0000	13:15	105	0.0089	8.8837	13:15	N/A	0	0.0000	13:15	57	0.0064	6.3801	
13:30	88	0.0000	0.0000	13:30	105	0.0085	8.4695	13:30	N/A	0	0.0000	13:30	57	0.0061	6.1212	
13:45	88	0.0000	0.0000	13:45	105	0.0076	7.6414	13:45	N/A	0	0.0000	13:45	57	0.0057	5.6567	
14:00	88	0.0000	0.0000	14:00	105	0.0086	8.6336	14:00	N/A	0	0.0000	14:00	57	0.0055	5.5384	
14:15	88	0.0000	0.0000	14:15	105	0.0102	10.2399	14:15	N/A	0	0.0000	14:15	57	0.0059	5.8661	
14:30	88	0.0000	0.0000	14:30	105	0.0102	10.1695	14:30	N/A	0	0.0000	14:30	57	0.0064	6.3925	
14:45	88	0.0000	0.0000	14:45	105	0.0109	10.9267	14:45	N/A	0	0.0000	14:45	57	0.0073	7.2987	
15:00	88	0.0004	0.4377	15:00	105	0.0115	11.4552	15:00	N/A	0	0.0000	15:00	57	0.0074	7.3555	
15:15	88	0.0001	0.0748	15:15	105	0.0133	13.3265	15:15	N/A	0	0.0000	15:15	57	0.0078	7.8385	
15:30	88	0.0000	0.0000	15:30	105	0.0153	15.3320	15:30	N/A	0	0.0000	15:30	57	0.0098	9.7777	
15:45	88	0.0000	0.0000	15:45	105	0.0156	15.5639	15:45	N/A	0	0.0000	15:45	57	0.0110	11.0131	
16:00	88	0.0000	0.0000	16:00	105	0.0133	13.2579	16:00	N/A	0	0.0000	16:00	57	0.0095	9.5066	
16:15	88	0.0000	0.0000	16:15	105	0.0119	11.8688	16:15	N/A	0	0.0000	16:15	57	0.0072	7.2396	
16:30	88	0.0000	0.0000	16:30	105	0.0105	10.4569	16:30	N/A	0	0.0000	16:30	57	0.0058	5.7620	
16:45	88	0.0000	0.0000	16:45	105	0.0102	10.1564	16:45	N/A	0	0.0000	16:45	57	0.0046	4.6474	
17:00	88	0.0000	0.0000	17:00	105	0.0105	10.4512	17:00	N/A	0	0.0000	17:00	57	0.0045	4.5300	
17:15	88	0.0000	0.0000	17:15	105	0.0101	10.1246	17:15	N/A	0	0.0000	17:15	57	0.0045	4.4582	
17:30	88	0.0000	0.0000	17:30	105	0.0098	9.8013	17:30	N/A	0	0.0000	17:30	57	0.0041	4.1368	
17:45	88	0.0000	0.0000	17:45	105	0.0097	9.7054	17:45	N/A	0	0.0000	17:45	57	0.0044	4.4232	
18:00	88	0.0000	0.0000	18:00	105	0.0097	9.6949	18:00	N/A	0	0.0000	18:00	57	0.0054	5.3877	
18:15	88	0.0000	0.0000	18:15	105	0.0104	10.4246	18:15	N/A	0	0.0000	18:15	57	0.0058	5.7551	
18:30	88	0.0000	0.0000	18:30	105	0.0105	10.4979	18:30	N/A	0	0.0000	18:30	57	0.0049	4.9461	
18:45	88	0.0000	0.0000	18:45	105	0.0103	10.3187	18:45	N/A	0	0.0000	18:45	57	0.0043	4.3239	
19:00	88	0.0000	0.0000	19:00	105	0.0103	10.3255	19:00	N/A	0	0.0000	19:00	57	0.0040	4.0191	
19:15	88	0.0000	0.0000	19:15	105	0.0102	10.2039	19:15	N/A	0	0.0000	19:15	57	0.0035	3.4775	
19:30	88	0.0003	0.2852	19:30	105	0.0110	10.9680	19:30	N/A	0	0.0000	19:30	57	0.0037	3.7041	
19:45	88	0.0001	0.0815	19:45	105	0.0111	11.1421	19:45	N/A	0	0.0000	19:45	57	0.0036	3.5982	
20:00	88	0.0000	0.0000	20:00	105	0.0107	10.6952	20:00	N/A	0	0.0000	20:00	57	0.0019	1.9149	
20:15	88	0.0000	0.0000	20:15	105	0.0107	10.6576	20:15	N/A	0	0.0000	20:15	57	0.0019	1.8736	
20:30	88	0.0000	0.0000	20:30	105	0.0106	10.6065	20:30	N/A	0	0.0000	20:30	57	0.0020	2.0318	
20:45	88	0.0000	0.0000	20:45	105	0.0109	10.8724	20:45	N/A	0	0.0000	20:45	57	0.0021	2.0745	
21:00	88	0.0000	0.0000	21:00	105	0.0111	11.0991	21:00	N/A	0	0.0000	21:00	57	0.0022	2.1506	
21:15	88	0.0000	0.0000	21:15	105	0.0112	11.1973	21:15	N/A	0	0.0000	21:15	57	0.0022	2.1683	
21:30	88	0.0000	0.0000	21:30	105	0.0113	11.2569	21:30	N/A	0	0.0000	21:30	57	0.0024	2.3760	
21:45	88	0.0000	0.0000	21:45	105	0.0113	11.2941	21:45	N/A	0	0.0000	21:45	57	0.0025	2.4862	
22:00	88	0.0000	0.0000	22:00	105	0.0111	11.1205	22:00	N/A	0	0.0000	22:00	57	0.0025	2.5382	
22:15	88	0.0000	0.0000	22:15	105	0.0110	11.0289	22:15	N/A	0	0.0000	22:15	57	0.0026	2.6197	
22:30	88	0.0000	0.0000	22:30	105	0.0111	11.0614	22:30	N/A	0	0.0000	22:30	57	0.0027	2.6533	
22:45	88	0.0000	0.0000	22:45	105	0.0109	10.8922	22:45	N/A	0	0.0000	22:45	57	0.0024	2.4039	
23:00	88	0.0000	0.0000	23:00	105	0.0107	10.6781	23:00	N/A	0	0.0000	23:00	57	0.0023	2.3069	
23:15	88	0.0000	0.0000	23:15	105	0.0107	10.6991	23:15	N/A	0	0.0000	23:15	57	0.0020	1.9588	
23:30	88	0.0000	0.0000	23:30	105	0.0112	11.2410	23:30	N/A	0	0.0000	23:30	57	0.0015	1.4864	
23:45	88	0.0000	0.0000	23:45	105	0.0123	12.3411	23:45	N/A	0	0.0000	23:45	57	0.0012	1.1698	



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

11/26/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/26/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/26/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/26/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	88	0.0000	0.0000	0:00	105	0.0139	13.9077	0:00	N/A	0	0.0000	0:00	57	0.0013	1.3427	
0:15	88	0.0000	0.0100	0:15	105	0.0147	14.6578	0:15	N/A	0	0.0000	0:15	57	0.0015	1.4691	
0:30	88	0.0000	0.0061	0:30	105	0.0140	14.0214	0:30	N/A	0	0.0000	0:30	57	0.0018	1.8261	
0:45	88	0.0000	0.0000	0:45	105	0.0141	14.0598	0:45	N/A	0	0.0000	0:45	57	0.0020	2.0266	
1:00	88	0.0000	0.0000	1:00	105	0.0151	15.0773	1:00	N/A	0	0.0000	1:00	57	0.0022	2.1906	
1:15	88	0.0004	0.3976	1:15	105	0.0157	15.7039	1:15	N/A	0	0.0000	1:15	57	0.0026	2.6486	
1:30	88	0.0013	1.2642	1:30	105	0.0162	16.2292	1:30	N/A	0	0.0000	1:30	57	0.0057	5.7139	
1:45	88	0.0007	0.7116	1:45	105	0.0144	14.4074	1:45	N/A	0	0.0000	1:45	57	0.0045	4.4798	
2:00	88	0.0007	0.7119	2:00	105	0.0129	12.9310	2:00	N/A	0	0.0000	2:00	57	0.0030	2.9734	
2:15	88	0.0005	0.5203	2:15	105	0.0124	12.4478	2:15	N/A	0	0.0000	2:15	57	0.0026	2.5776	
2:30	88	0.0000	0.0000	2:30	105	0.0113	11.3099	2:30	N/A	0	0.0000	2:30	57	0.0022	2.2224	
2:45	88	0.0000	0.0000	2:45	105	0.0104	10.4327	2:45	N/A	0	0.0000	2:45	57	0.0014	1.3613	
3:00	88	0.0000	0.0000	3:00	105	0.0098	9.8443	3:00	N/A	0	0.0000	3:00	57	0.0015	1.4842	
3:15	88	0.0000	0.0000	3:15	105	0.0098	9.7682	3:15	N/A	0	0.0000	3:15	57	0.0014	1.3915	
3:30	88	0.0002	0.2377	3:30	105	0.0108	10.7911	3:30	N/A	0	0.0000	3:30	57	0.0018	1.8219	
3:45	88	0.0005	0.4903	3:45	105	0.0135	13.4535	3:45	N/A	0	0.0000	3:45	57	0.0050	4.9667	
4:00	88	0.0004	0.3988	4:00	105	0.0138	13.7748	4:00	N/A	0	0.0000	4:00	57	0.0058	5.8268	
4:15	88	0.0003	0.2809	4:15	105	0.0118	11.7958	4:15	N/A	0	0.0000	4:15	57	0.0012	1.2082	
4:30	88	0.0002	0.1848	4:30	105	0.0155	15.5229	4:30	N/A	0	0.0000	4:30	57	0.0054	5.3863	
4:45	88	0.0001	0.1402	4:45	105	0.0148	14.8051	4:45	N/A	0	0.0000	4:45	57	0.0046	4.5855	
5:00	88	0.0002	0.1776	5:00	105	0.0150	14.9878	5:00	N/A	0	0.0000	5:00	57	0.0046	4.6031	
5:15	88	0.0005	0.5342	5:15	105	0.0154	15.3722	5:15	N/A	0	0.0000	5:15	57	0.0049	4.9055	
5:30	88	0.0009	0.9142	5:30	105	0.0158	15.8482	5:30	N/A	0	0.0000	5:30	57	0.0054	5.4105	
5:45	88	0.0011	1.1176	5:45	105	0.0160	15.9713	5:45	N/A	0	0.0000	5:45	57	0.0054	5.3918	
6:00	88	0.0012	1.1856	6:00	105	0.0170	16.9718	6:00	N/A	0	0.0000	6:00	57	0.0054	5.4335	
6:15	88	0.0010	1.0421	6:15	105	0.0167	16.6850	6:15	N/A	0	0.0000	6:15	57	0.0054	5.3665	
6:30	88	0.0008	0.7894	6:30	105	0.0170	17.0038	6:30	N/A	0	0.0000	6:30	57	0.0051	5.0593	
6:45	88	0.0004	0.3952	6:45	105	0.0165	16.5390	6:45	N/A	0	0.0000	6:45	57	0.0045	4.4977	
7:00	88	0.0001	0.1427	7:00	105	0.0159	15.8766	7:00	N/A	0	0.0000	7:00	57	0.0043	4.2946	
7:15	88	0.0000	0.0000	7:15	105	0.0151	15.0541	7:15	N/A	0	0.0000	7:15	57	0.0033	3.2658	
7:30	88	0.0000	0.0000	7:30	105	0.0155	15.5207	7:30	N/A	0	0.0000	7:30	57	0.0043	4.2544	
7:45	88	0.0004	0.3519	7:45	105	0.0167	16.7106	7:45	N/A	0	0.0000	7:45	57	0.0046	4.6485	
8:00	88	0.0006	0.6279	8:00	105	0.0166	16.6356	8:00	N/A	0	0.0000	8:00	57	0.0052	5.1619	
8:15	88	0.0002	0.2349	8:15	105	0.0162	16.2016	8:15	N/A	0	0.0000	8:15	57	0.0045	4.4661	
8:30	88	0.0000	0.0000	8:30	105	0.0157	15.7368	8:30	N/A	0	0.0000	8:30	57	0.0041	4.1012	
8:45	88	0.0000	0.0000	8:45	105	0.0155	15.4642	8:45	N/A	0	0.0000	8:45	57	0.0037	3.7122	
9:00	88	0.0000	0.0000	9:00	105	0.0148	14.8179	9:00	N/A	0	0.0000	9:00	57	0.0033	3.2732	
9:15	88	0.0000	0.0000	9:15	105	0.0152	15.2478	9:15	N/A	0	0.0000	9:15	57	0.0039	3.8536	
9:30	88	0.0000	0.0000	9:30	105	0.0158	15.7693	9:30	N/A	0	0.0000	9:30	57	0.0043	4.3068	
9:45	88	0.0000	0.0000	9:45	105	0.0162	16.1614	9:45	N/A	0	0.0000	9:45	57	0.0049	4.8757	
10:00	88	0.0000	0.0000	10:00	105	0.0151	15.1304	10:00	N/A	0	0.0000	10:00	57	0.0049	4.8588	
10:15	88	0.0000	0.0000	10:15	105	0.0152	15.1646	10:15	N/A	0	0.0000	10:15	57	0.0044	4.3864	
10:30	88	0.0000	0.0000	10:30	105	0.0147	14.7210	10:30	N/A	0	0.0000	10:30	57	0.0032	3.1828	
10:45	88	0.0000	0.0000	10:45	105	0.0145	14.4744	10:45	N/A	0	0.0000	10:45	57	0.0024	2.4336	
11:00	88	0.0000	0.0000	11:00	105	0.0160	15.9669	11:00	N/A	0	0.0000	11:00	57	0.0026	2.6408	
11:15	88	0.0000	0.0000	11:15	105	0.0163	16.2695	11:15	N/A	0	0.0000	11:15	57	0.0035	3.4838	
11:30	88	0.0000	0.0000	11:30	105	0.0166	16.5823	11:30	N/A	0	0.0000	11:30	57	0.0045	4.5198	
11:45	88	0.0000	0.0000	11:45	105	0.0164	16.4021	11:45	N/A	0	0.0000	11:45	57	0.0048	4.7786	

12:00	88	0.0000	0.0000	12:00	105	0.0158	15.7968	12:00	N/A	0	0.0000	12:00	57	0.0048	4.8003	
12:15	88	0.0000	0.0000	12:15	105	0.0160	16.0486	12:15	N/A	0	0.0000	12:15	57	0.0048	4.7850	
12:30	88	0.0001	0.0719	12:30	105	0.0151	15.0568	12:30	N/A	0	0.0000	12:30	57	0.0054	5.3733	
12:45	88	0.0002	0.2137	12:45	105	0.0159	15.8785	12:45	N/A	0	0.0000	12:45	57	0.0060	5.9845	
13:00	88	0.0002	0.2114	13:00	105	0.0159	15.8677	13:00	N/A	0	0.0000	13:00	57	0.0061	6.1408	
13:15	88	0.0002	0.2455	13:15	105	0.0158	15.7973	13:15	N/A	0	0.0000	13:15	57	0.0061	6.0639	
13:30	88	0.0001	0.0984	13:30	105	0.0154	15.4254	13:30	N/A	0	0.0000	13:30	57	0.0055	5.5465	
13:45	88	0.0001	0.0545	13:45	105	0.0157	15.6615	13:45	N/A	0	0.0000	13:45	57	0.0058	5.8422	
14:00	88	0.0003	0.2853	14:00	105	0.0170	17.0295	14:00	N/A	0	0.0000	14:00	57	0.0071	7.1059	
14:15	88	0.0005	0.4923	14:15	105	0.0190	19.0466	14:15	N/A	0	0.0000	14:15	57	0.0069	6.8575	
14:30	88	0.0002	0.1863	14:30	105	0.0184	18.3616	14:30	N/A	0	0.0000	14:30	57	0.0065	6.5327	
14:45	88	0.0003	0.3500	14:45	105	0.0194	19.4064	14:45	N/A	0	0.0000	14:45	57	0.0067	6.6804	
15:00	88	0.0014	1.3953	15:00	105	0.0181	18.1130	15:00	N/A	0	0.0000	15:00	57	0.0067	6.6961	
15:15	88	0.0012	1.2000	15:15	105	0.0185	18.4765	15:15	N/A	0	0.0000	15:15	57	0.0068	6.7561	
15:30	88	0.0003	0.3106	15:30	105	0.0183	18.2613	15:30	N/A	0	0.0000	15:30	57	0.0069	6.8540	
15:45	88	0.0001	0.0837	15:45	105	0.0184	18.3705	15:45	N/A	0	0.0000	15:45	57	0.0071	7.0924	
16:00	88	0.0000	0.0000	16:00	105	0.0188	18.7922	16:00	N/A	0	0.0000	16:00	57	0.0070	6.9538	
16:15	88	0.0000	0.0000	16:15	105	0.0181	18.1212	16:15	N/A	0	0.0000	16:15	57	0.0067	6.6975	
16:30	88	0.0000	0.0000	16:30	105	0.0178	17.8305	16:30	N/A	0	0.0000	16:30	57	0.0064	6.3866	
16:45	88	0.0001	0.0953	16:45	105	0.0175	17.5498	16:45	N/A	0	0.0000	16:45	57	0.0066	6.5508	
17:00	88	0.0006	0.6115	17:00	105	0.0173	17.3451	17:00	N/A	0	0.0000	17:00	57	0.0066	6.5742	
17:15	88	0.0014	1.3892	17:15	105	0.0178	17.7775	17:15	N/A	0	0.0000	17:15	57	0.0067	6.6545	
17:30	88	0.0023	2.2625	17:30	105	0.0171	17.0576	17:30	N/A	0	0.0000	17:30	57	0.0067	6.6565	
17:45	88	0.0026	2.6424	17:45	105	0.0166	16.5706	17:45	N/A	0	0.0000	17:45	57	0.0064	6.4416	
18:00	88	0.0031	3.0576	18:00	105	0.0158	15.8353	18:00	N/A	0	0.0000	18:00	57	0.0067	6.6711	
18:15	88	0.0033	3.2769	18:15	105	0.0158	15.8149	18:15	N/A	0	0.0000	18:15	57	0.0067	6.7246	
18:30	88	0.0031	3.1415	18:30	105	0.0165	16.4508	18:30	N/A	0	0.0000	18:30	57	0.0072	7.1533	
18:45	88	0.0028	2.8108	18:45	105	0.0165	16.5150	18:45	N/A	0	0.0000	18:45	57	0.0073	7.2676	
19:00	88	0.0024	2.4033	19:00	105	0.0158	15.7555	19:00	N/A	0	0.0000	19:00	57	0.0070	6.9796	
19:15	88	0.0021	2.0668	19:15	105	0.0155	15.4703	19:15	N/A	0	0.0000	19:15	57	0.0067	6.7464	
19:30	88	0.0024	2.4064	19:30	105	0.0160	15.9902	19:30	N/A	0	0.0000	19:30	57	0.0071	7.1061	
19:45	88	0.0024	2.4333	19:45	105	0.0157	15.6697	19:45	N/A	0	0.0000	19:45	57	0.0070	7.0488	
20:00	88	0.0021	2.1125	20:00	105	0.0152	15.1977	20:00	N/A	0	0.0000	20:00	57	0.0066	6.5987	
20:15	88	0.0016	1.5921	20:15	105	0.0148	14.8356	20:15	N/A	0	0.0000	20:15	57	0.0052	5.2451	
20:30	88	0.0003	0.3213	20:30	105	0.0074	7.4398	20:30	N/A	0	0.0000	20:30	57	0.0018	1.7569	
20:45	88	0.0000	0.0025	20:45	105	0.0045	4.5058	20:45	N/A	0	0.0000	20:45	57	0.0010	0.9556	
21:00	88	0.0000	0.0203	21:00	105	0.0073	7.3500	21:00	N/A	0	0.0000	21:00	57	0.0009	0.9142	
21:15	88	0.0000	0.0052	21:15	105	0.0070	7.0372	21:15	N/A	0	0.0000	21:15	57	0.0009	0.8549	
21:30	88	0.0001	0.1122	21:30	105	0.0079	7.8801	21:30	N/A	0	0.0000	21:30	57	0.0007	0.7064	
21:45	88	0.0000	0.0000	21:45	105	0.0061	6.0870	21:45	N/A	0	0.0000	21:45	57	0.0000	0.0000	
22:00	88	0.0000	0.0000	22:00	105	0.0054	5.3798	22:00	N/A	0	0.0000	22:00	57	0.0000	0.0000	
22:15	88	0.0000	0.0000	22:15	105	0.0057	5.7061	22:15	N/A	0	0.0000	22:15	57	0.0000	0.0000	
22:30	88	0.0000	0.0000	22:30	105	0.0056	5.5587	22:30	N/A	0	0.0000	22:30	57	0.0000	0.0000	
22:45	88	0.0000	0.0000	22:45	105	0.0054	5.3832	22:45	N/A	0	0.0000	22:45	57	0.0000	0.0000	
23:00	88	0.0000	0.0000	23:00	105	0.0057	5.7162	23:00	N/A	0	0.0000	23:00	57	0.0000	0.0000	
23:15	88	0.0000	0.0000	23:15	105	0.0061	6.0643	23:15	N/A	0	0.0000	23:15	57	0.0000	0.0000	
23:30	88	0.0000	0.0000	23:30	105	0.0058	5.8061	23:30	N/A	0	0.0000	23:30	57	0.0000	0.0000	
23:45	88	0.0000	0.0000	23:45	105	0.0055	5.4843	23:45	N/A	0	0.0000	23:45	57	0.0000	0.0000	



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

11/27/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/27/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/27/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/27/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	97	0.0000	0.0000	0:00	94	0.0052	5.2282	0:00	N/A	0	0.0000	0:00	63	0.0000	0.0000	
0:15	97	0.0000	0.0000	0:15	94	0.0046	4.5859	0:15	N/A	0	0.0000	0:15	63	0.0000	0.0000	
0:30	97	0.0000	0.0000	0:30	94	0.0070	6.9647	0:30	N/A	0	0.0000	0:30	63	0.0009	0.8705	
0:45	97	0.0000	0.0000	0:45	94	0.0072	7.1890	0:45	N/A	0	0.0000	0:45	63	0.0012	1.2188	
1:00	97	0.0000	0.0000	1:00	94	0.0052	5.1575	1:00	N/A	0	0.0000	1:00	63	0.0000	0.0000	
1:15	97	0.0000	0.0000	1:15	94	0.0066	6.5629	1:15	N/A	0	0.0000	1:15	63	0.0007	0.7374	
1:30	97	0.0000	0.0000	1:30	94	0.0055	5.4895	1:30	N/A	0	0.0000	1:30	63	0.0009	0.9219	
1:45	97	0.0000	0.0000	1:45	94	0.0034	3.4022	1:45	N/A	0	0.0000	1:45	63	0.0000	0.0000	
2:00	97	0.0000	0.0003	2:00	94	0.0049	4.9103	2:00	N/A	0	0.0000	2:00	63	0.0006	0.6056	
2:15	97	0.0003	0.2849	2:15	94	0.0070	7.0139	2:15	N/A	0	0.0000	2:15	63	0.0020	1.9965	
2:30	97	0.0000	0.0259	2:30	94	0.0054	5.3812	2:30	N/A	0	0.0000	2:30	63	0.0013	1.2933	
2:45	97	0.0000	0.0000	2:45	94	0.0036	3.6199	2:45	N/A	0	0.0000	2:45	63	0.0000	0.0000	
3:00	97	0.0000	0.0000	3:00	94	0.0049	4.8732	3:00	N/A	0	0.0000	3:00	63	0.0002	0.1788	
3:15	97	0.0000	0.0000	3:15	94	0.0072	7.1562	3:15	N/A	0	0.0000	3:15	63	0.0005	0.5165	
3:30	97	0.0000	0.0000	3:30	94	0.0073	7.3151	3:30	N/A	0	0.0000	3:30	63	0.0004	0.4281	
3:45	97	0.0000	0.0000	3:45	94	0.0059	5.8552	3:45	N/A	0	0.0000	3:45	63	0.0003	0.3342	
4:00	97	0.0000	0.0000	4:00	94	0.0046	4.5625	4:00	N/A	0	0.0000	4:00	63	0.0000	0.0000	
4:15	97	0.0000	0.0000	4:15	94	0.0049	4.9139	4:15	N/A	0	0.0000	4:15	63	0.0000	0.0000	
4:30	97	0.0000	0.0000	4:30	94	0.0060	6.0169	4:30	N/A	0	0.0000	4:30	63	0.0000	0.0000	
4:45	97	0.0000	0.0486	4:45	94	0.0088	8.8064	4:45	N/A	0	0.0000	4:45	63	0.0000	0.0000	
5:00	97	0.0004	0.3577	5:00	94	0.0081	8.0710	5:00	N/A	0	0.0000	5:00	63	0.0000	0.0000	
5:15	97	0.0001	0.0644	5:15	94	0.0037	3.6894	5:15	N/A	0	0.0000	5:15	63	0.0000	0.0000	
5:30	97	0.0000	0.0000	5:30	94	0.0063	6.3404	5:30	N/A	0	0.0000	5:30	63	0.0000	0.0000	
5:45	97	0.0000	0.0074	5:45	94	0.0093	9.3304	5:45	N/A	0	0.0000	5:45	63	0.0000	0.0000	
6:00	97	0.0000	0.0014	6:00	94	0.0056	5.5918	6:00	N/A	0	0.0000	6:00	63	0.0000	0.0000	
6:15	97	0.0000	0.0000	6:15	94	0.0063	6.3477	6:15	N/A	0	0.0000	6:15	63	0.0000	0.0000	
6:30	97	0.0000	0.0000	6:30	94	0.0031	3.1402	6:30	N/A	0	0.0000	6:30	63	0.0000	0.0000	
6:45	97	0.0000	0.0000	6:45	94	0.0024	2.3657	6:45	N/A	0	0.0000	6:45	63	0.0000	0.0000	
7:00	97	0.0004	0.3772	7:00	94	0.0055	5.4519	7:00	N/A	0	0.0000	7:00	63	0.0000	0.0000	
7:15	97	0.0007	0.6998	7:15	94	0.0104	10.3769	7:15	N/A	0	0.0000	7:15	63	0.0000	0.0000	
7:30	97	0.0007	0.7393	7:30	94	0.0091	9.0740	7:30	N/A	0	0.0000	7:30	63	0.0000	0.0000	
7:45	97	0.0002	0.1622	7:45	94	0.0027	2.6726	7:45	N/A	0	0.0000	7:45	63	0.0000	0.0000	
8:00	97	0.0000	0.0000	8:00	94	0.0028	2.7902	8:00	N/A	0	0.0000	8:00	63	0.0000	0.0000	
8:15	97	0.0000	0.0000	8:15	94	0.0028	2.7920	8:15	N/A	0	0.0000	8:15	63	0.0000	0.0000	
8:30	97	0.0000	0.0000	8:30	94	0.0023	2.3477	8:30	N/A	0	0.0000	8:30	63	0.0000	0.0048	
8:45	97	0.0015	1.4577	8:45	94	0.0060	6.0156	8:45	N/A	0	0.0000	8:45	63	0.0002	0.1576	
9:00	97	0.0013	1.3460	9:00	94	0.0083	8.3407	9:00	N/A	0	0.0000	9:00	63	0.0008	0.8006	
9:15	97	0.0007	0.7470	9:15	94	0.0070	6.9942	9:15	N/A	0	0.0000	9:15	63	0.0013	1.3379	
9:30	97	0.0008	0.8221	9:30	94	0.0058	5.8316	9:30	N/A	0	0.0000	9:30	63	0.0017	1.7414	
9:45	97	0.0016	1.5679	9:45	94	0.0115	11.5074	9:45	N/A	0	0.0000	9:45	63	0.0063	6.3282	
10:00	97	0.0007	0.7131	10:00	94	0.0066	6.5776	10:00	N/A	0	0.0000	10:00	63	0.0043	4.3181	
10:15	97	0.0001	0.1023	10:15	94	0.0014	1.3660	10:15	N/A	0	0.0000	10:15	63	0.0000	0.0000	
10:30	97	0.0000	0.0000	10:30	94	0.0025	2.5397	10:30	N/A	0	0.0000	10:30	63	0.0003	0.2907	
10:45	97	0.0000	0.0000	10:45	94	0.0068	6.8491	10:45	N/A	0	0.0000	10:45	63	0.0058	5.8173	
11:00	97	0.0000	0.0000	11:00	94	0.0048	4.7605	11:00	N/A	0	0.0000	11:00	63	0.0001	0.1109	
11:15	97	0.0000	0.0000	11:15	94	0.0048	4.7929	11:15	N/A	0	0.0000	11:15	63	0.0025	2.4974	
11:30	97	0.0000	0.0000	11:30	94	0.0032	3.2382	11:30	N/A	0	0.0000	11:30	63	0.0028	2.8369	

11:45	97	0.0000	0.0000	11:45	94	0.0098	9.7939	11:45	N/A	0	0.0000	11:45	63	0.0056	5.6445	
12:00	97	0.0000	0.0000	12:00	94	0.0092	9.2033	12:00	N/A	0	0.0000	12:00	63	0.0055	5.4651	
12:15	97	0.0000	0.0000	12:15	94	0.0079	7.8509	12:15	N/A	0	0.0000	12:15	63	0.0026	2.5834	
12:30	97	0.0000	0.0000	12:30	94	0.0105	10.5205	12:30	N/A	0	0.0000	12:30	63	0.0058	5.7904	
12:45	97	0.0000	0.0000	12:45	94	0.0081	8.0610	12:45	N/A	0	0.0000	12:45	63	0.0032	3.2115	
13:00	97	0.0000	0.0000	13:00	94	0.0054	5.3664	13:00	N/A	0	0.0000	13:00	63	0.0007	0.6798	
13:15	97	0.0000	0.0000	13:15	94	0.0054	5.3711	13:15	N/A	0	0.0000	13:15	63	0.0011	1.0568	
13:30	97	0.0000	0.0000	13:30	94	0.0065	6.4988	13:30	N/A	0	0.0000	13:30	63	0.0016	1.5849	
13:45	97	0.0000	0.0000	13:45	94	0.0075	7.5283	13:45	N/A	0	0.0000	13:45	63	0.0016	1.6360	
14:00	97	0.0000	0.0000	14:00	94	0.0099	9.8993	14:00	N/A	0	0.0000	14:00	63	0.0039	3.9013	
14:15	97	0.0000	0.0000	14:15	94	0.0079	7.8808	14:15	N/A	0	0.0000	14:15	63	0.0021	2.1188	
14:30	97	0.0000	0.0000	14:30	94	0.0108	10.7795	14:30	N/A	0	0.0000	14:30	63	0.0046	4.5682	
14:45	97	0.0000	0.0000	14:45	94	0.0093	9.3218	14:45	N/A	0	0.0000	14:45	63	0.0026	2.5917	
15:00	97	0.0000	0.0000	15:00	94	0.0099	9.8537	15:00	N/A	0	0.0000	15:00	63	0.0026	2.6139	
15:15	97	0.0000	0.0000	15:15	94	0.0093	9.3109	15:15	N/A	0	0.0000	15:15	63	0.0025	2.5490	
15:30	97	0.0000	0.0000	15:30	94	0.0094	9.4143	15:30	N/A	0	0.0000	15:30	63	0.0021	2.0908	
15:45	97	0.0000	0.0000	15:45	94	0.0088	8.7539	15:45	N/A	0	0.0000	15:45	63	0.0021	2.0562	
16:00	97	0.0000	0.0000	16:00	94	0.0091	9.1121	16:00	N/A	0	0.0000	16:00	63	0.0020	2.0298	
16:15	97	0.0000	0.0000	16:15	94	0.0074	7.4334	16:15	N/A	0	0.0000	16:15	63	0.0020	1.9927	
16:30	97	0.0000	0.0000	16:30	94	0.0070	6.9944	16:30	N/A	0	0.0000	16:30	63	0.0020	1.9928	
16:45	97	0.0000	0.0000	16:45	94	0.0071	7.1256	16:45	N/A	0	0.0000	16:45	63	0.0021	2.0697	
17:00	97	0.0000	0.0000	17:00	94	0.0071	7.0684	17:00	N/A	0	0.0000	17:00	63	0.0017	1.7396	
17:15	97	0.0000	0.0000	17:15	94	0.0068	6.8393	17:15	N/A	0	0.0000	17:15	63	0.0016	1.6088	
17:30	97	0.0000	0.0000	17:30	94	0.0073	7.3299	17:30	N/A	0	0.0000	17:30	63	0.0017	1.6998	
17:45	97	0.0000	0.0000	17:45	94	0.0074	7.4449	17:45	N/A	0	0.0000	17:45	63	0.0018	1.7713	
18:00	97	0.0000	0.0000	18:00	94	0.0073	7.3272	18:00	N/A	0	0.0000	18:00	63	0.0018	1.7796	
18:15	97	0.0000	0.0000	18:15	94	0.0071	7.0804	18:15	N/A	0	0.0000	18:15	63	0.0016	1.5975	
18:30	97	0.0000	0.0000	18:30	94	0.0069	6.9040	18:30	N/A	0	0.0000	18:30	63	0.0016	1.5582	
18:45	97	0.0000	0.0000	18:45	94	0.0069	6.8622	18:45	N/A	0	0.0000	18:45	63	0.0015	1.4842	
19:00	97	0.0000	0.0000	19:00	94	0.0069	6.8854	19:00	N/A	0	0.0000	19:00	63	0.0014	1.3705	
19:15	97	0.0000	0.0000	19:15	94	0.0063	6.2522	19:15	N/A	0	0.0000	19:15	63	0.0012	1.2148	
19:30	97	0.0000	0.0000	19:30	94	0.0063	6.2782	19:30	N/A	0	0.0000	19:30	63	0.0012	1.1541	
19:45	97	0.0000	0.0000	19:45	94	0.0065	6.4510	19:45	N/A	0	0.0000	19:45	63	0.0012	1.1666	
20:00	97	0.0000	0.0000	20:00	94	0.0061	6.1161	20:00	N/A	0	0.0000	20:00	63	0.0012	1.2156	
20:15	97	0.0000	0.0000	20:15	94	0.0065	6.5378	20:15	N/A	0	0.0000	20:15	63	0.0011	1.1065	
20:30	97	0.0000	0.0000	20:30	94	0.0066	6.6051	20:30	N/A	0	0.0000	20:30	63	0.0010	1.0420	
20:45	97	0.0000	0.0000	20:45	94	0.0064	6.3890	20:45	N/A	0	0.0000	20:45	63	0.0009	0.8634	
21:00	97	0.0000	0.0000	21:00	94	0.0058	5.8443	21:00	N/A	0	0.0000	21:00	63	0.0008	0.7611	
21:15	97	0.0000	0.0000	21:15	94	0.0061	6.0705	21:15	N/A	0	0.0000	21:15	63	0.0006	0.6416	
21:30	97	0.0000	0.0000	21:30	94	0.0063	6.3131	21:30	N/A	0	0.0000	21:30	63	0.0006	0.5535	
21:45	97	0.0001	0.1203	21:45	94	0.0060	5.9981	21:45	N/A	0	0.0000	21:45	63	0.0005	0.4817	
22:00	97	0.0002	0.1770	22:00	94	0.0056	5.6422	22:00	N/A	0	0.0000	22:00	63	0.0003	0.3284	
22:15	97	0.0001	0.1287	22:15	94	0.0064	6.3622	22:15	N/A	0	0.0000	22:15	63	0.0005	0.4610	
22:30	97	0.0014	1.4098	22:30	94	0.0063	6.3173	22:30	N/A	0	0.0000	22:30	63	0.0006	0.5678	
22:45	97	0.0023	2.2696	22:45	94	0.0088	8.8063	22:45	N/A	0	0.0000	22:45	63	0.0026	2.6225	
23:00	97	0.0004	0.4364	23:00	94	0.0074	7.3614	23:00	N/A	0	0.0000	23:00	63	0.0019	1.9250	
23:15	97	0.0021	2.0586	23:15	94	0.0059	5.9202	23:15	N/A	0	0.0000	23:15	63	0.0006	0.6396	
23:30	97	0.0037	3.7456	23:30	94	0.0110	10.9774	23:30	N/A	0	0.0000	23:30	63	0.0047	4.6562	
23:45	97	0.0023	2.3254	23:45	94	0.0081	8.1093	23:45	N/A	0	0.0000	23:45	63	0.0032	3.1686	



Continuous Air Monitoring System Action Level Revision History

CAMS ID	Initial Action Level	Date	Reason for Revision.
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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	75 ppbv	2/29/2024	Revision for January Actuatuons As Per Settlement Agreement
CAMS 02	99 ppbv	2/29/2024	Revision for January Actuatuons As Per Settlement Agreement
CAMS 04	48 ppbv	2/29/2024	Revision for January Actuatuons As Per Settlement Agreement
CAMS 01	67 ppbv	3/27/2024	Revision for February Actuatuons As Per Settlement Agreement
CAMS 02	108 ppbv	3/27/2024	Revision for February Actuatuons As Per Settlement Agreement
CAMS 04	43 ppbv	3/27/2024	Revision for February Actuatuons As Per Settlement Agreement
CAMS 01	60 ppbv	4/24/2024	Revision for March Actuatuons As Per Settlement Agreement
CAMS 02	119 ppbv	4/24/2024	Revision for March Actuatuons As Per Settlement Agreement
CAMS 04	39 ppbv	4/24/2024	Revision for March Actuatuons As Per Settlement Agreement
CAMS 01	54 ppbv	5/24/2024	Revision for April Actuatuons As Per Settlement Agreement
CAMS 02	131 ppbv	5/24/2024	Revision for April Actuatuons As Per Settlement Agreement
CAMS 04	35 ppbv	5/24/2024	Revision for April Actuatuons As Per Settlement Agreement
CAMS 01	60 ppbv	6/26/2024	Revision for May Actuatuons As Per Settlement Agreement
CAMS 02	144 ppbv	6/26/2024	Revision for May Actuatuons As Per Settlement Agreement
CAMS 04	39 ppbv	6/26/2024	Revision for May Actuatuons As Per Settlement Agreement
CAMS 01	66 ppbv	7/30/2024	Revision for June Actuatuons As Per Settlement Agreement
CAMS 04	43 ppbv	7/30/2024	Revision for June Actuatuons As Per Settlement Agreement
CAMS 01	73 ppbv	8/27/2024	Revision for July Actuatuons As Per Settlement Agreement
CAMS 02	130 ppbv	8/27/2024	Revision for July Actuatuons As Per Settlement Agreement
CAMS 04	47 ppbv	8/27/2024	Revision for July Actuatuons As Per Settlement Agreement
CAMS 01	80 ppbv	9/30/2024	Revision for August Actuatuons As Per Settlement Agreement
CAMS 02	117 ppbv	9/30/2024	Revision for August Actuatuons As Per Settlement Agreement
CAMS 04	52 ppbv	9/30/2024	Revision for August Actuatuons As Per Settlement Agreement
CAMS 01	88 ppbv	10/30/2024	Revision for September Actuatuons As Per Settlement Agreement
CAMS 02	105 ppbv	10/30/2024	Revision for September Actuatuons As Per Settlement Agreement
CAMS 04	57 ppbv	10/30/2024	Revision for September Actuatuons As Per Settlement Agreement
CAMS 01	97 ppbv	11/27/2024	Revision for October Actuatuons As Per Settlement Agreement
CAMS 02	94 ppbv	11/27/2024	Revision for October Actuatuons As Per Settlement Agreement
CAMS 04	63 ppbv	11/27/2024	Revision for October Actuatuons As Per Settlement Agreement



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

11/28/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/28/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/28/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/28/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	97	0.0003	0.2510	0:00	94	0.0069	6.9464	0:00	N/A	8.671E-05	0.0867	0:00	63	0.0003	0.2502	
0:15	97	0.0005	0.4721	0:15	94	0.0065	6.5336	0:15	N/A	0.0017376	1.7376	0:15	63	0.0000	0.0300	
0:30	97	0.0003	0.3436	0:30	94	0.0059	5.9465	0:30	N/A	0	0.0000	0:30	63	0.0000	0.0000	
0:45	97	0.0002	0.2180	0:45	94	0.0063	6.2922	0:45	N/A	4.203E-06	0.0042	0:45	63	0.0000	0.0000	
1:00	97	0.0002	0.2048	1:00	94	0.0056	5.6241	1:00	N/A	0.0044397	4.4397	1:00	63	0.0000	0.0000	
1:15	97	0.0003	0.2635	1:15	94	0.0045	4.4765	1:15	N/A	0.0001055	0.1055	1:15	63	0.0000	0.0000	
1:30	97	0.0005	0.4747	1:30	94	0.0041	4.1375	1:30	N/A	0	0.0000	1:30	63	0.0000	0.0000	
1:45	97	0.0005	0.4696	1:45	94	0.0042	4.2248	1:45	N/A	2.171E-06	0.0022	1:45	63	0.0000	0.0000	
2:00	97	0.0004	0.3920	2:00	94	0.0040	4.0319	2:00	N/A	0.0022802	2.2802	2:00	63	0.0000	0.0000	
2:15	97	0.0002	0.1957	2:15	94	0.0044	4.3991	2:15	N/A	5.406E-05	0.0541	2:15	63	0.0000	0.0000	
2:30	97	0.0000	0.0440	2:30	94	0.0043	4.2539	2:30	N/A	0	0.0000	2:30	63	0.0000	0.0000	
2:45	97	0.0001	0.1485	2:45	94	0.0040	3.9852	2:45	N/A	0	0.0000	2:45	63	0.0000	0.0000	
3:00	97	0.0001	0.1129	3:00	94	0.0035	3.4723	3:00	N/A	0	0.0000	3:00	63	0.0000	0.0000	
3:15	97	0.0000	0.0001	3:15	94	0.0035	3.4859	3:15	N/A	0	0.0000	3:15	63	0.0000	0.0000	
3:30	97	0.0000	0.0011	3:30	94	0.0042	4.2176	3:30	N/A	0	0.0000	3:30	63	0.0000	0.0000	
3:45	97	0.0000	0.0242	3:45	94	0.0048	4.8360	3:45	N/A	0	0.0000	3:45	63	0.0000	0.0000	
4:00	97	0.0001	0.0796	4:00	94	0.0043	4.2908	4:00	N/A	0	0.0000	4:00	63	0.0000	0.0000	
4:15	97	0.0001	0.0682	4:15	94	0.0041	4.0843	4:15	N/A	0	0.0000	4:15	63	0.0000	0.0000	
4:30	97	0.0001	0.1180	4:30	94	0.0043	4.3284	4:30	N/A	0	0.0000	4:30	63	0.0000	0.0000	
4:45	97	0.0003	0.2589	4:45	94	0.0046	4.5863	4:45	N/A	0	0.0000	4:45	63	0.0000	0.0000	
5:00	97	0.0009	0.8925	5:00	94	0.0063	6.2923	5:00	N/A	0	0.0000	5:00	63	0.0000	0.0000	
5:15	97	0.0031	3.0685	5:15	94	0.0082	8.2400	5:15	N/A	0	0.0000	5:15	63	0.0000	0.0000	
5:30	97	0.0041	4.1424	5:30	94	0.0075	7.5319	5:30	N/A	4.817E-06	0.0048	5:30	63	0.0000	0.0000	
5:45	97	0.0002	0.2044	5:45	94	0.0049	4.9486	5:45	N/A	0.0050633	5.0633	5:45	63	0.0000	0.0000	
6:00	97	0.0001	0.1053	6:00	94	0.0038	3.7851	6:00	N/A	0.0112369	11.2369	6:00	63	0.0000	0.0000	
6:15	97	0.0002	0.2081	6:15	94	0.0034	3.3807	6:15	N/A	0.0097265	9.7265	6:15	63	0.0000	0.0000	
6:30	97	0.0003	0.3081	6:30	94	0.0031	3.1458	6:30	N/A	0.0117335	11.7335	6:30	63	0.0000	0.0000	
6:45	97	0.0003	0.2684	6:45	94	0.0023	2.3381	6:45	N/A	0.0087696	8.7696	6:45	63	0.0000	0.0000	
7:00	97	0.0002	0.1613	7:00	94	0.0012	1.1928	7:00	N/A	0.0084651	8.4651	7:00	63	0.0000	0.0000	
7:15	97	0.0006	0.5788	7:15	94	0.0016	1.6030	7:15	N/A	0.0010674	1.0674	7:15	63	0.0000	0.0000	
7:30	97	0.0023	2.2632	7:30	94	0.0043	4.2951	7:30	N/A	2.066E-05	0.0207	7:30	63	0.0000	0.0000	
7:45	97	0.0054	5.3989	7:45	94	0.0077	7.7017	7:45	N/A	0	0.0000	7:45	63	0.0000	0.0000	
8:00	97	0.0061	6.0544	8:00	94	0.0088	8.8220	8:00	N/A	0	0.0000	8:00	63	0.0000	0.0000	
8:15	97	0.0071	7.1155	8:15	94	0.0077	7.6713	8:15	N/A	0	0.0000	8:15	63	0.0000	0.0000	
8:30	97	0.0049	4.8536	8:30	94	0.0067	6.7159	8:30	N/A	0	0.0000	8:30	63	0.0000	0.0000	
8:45	97	0.0060	5.9704	8:45	94	0.0077	7.6907	8:45	N/A	0	0.0000	8:45	63	0.0000	0.0000	
9:00	97	0.0070	7.0133	9:00	94	0.0076	7.5618	9:00	N/A	0	0.0000	9:00	63	0.0000	0.0000	
9:15	97	0.0059	5.8520	9:15	94	0.0078	7.7914	9:15	N/A	0	0.0000	9:15	63	0.0000	0.0000	
9:30	97	0.0077	7.6788	9:30	94	0.0095	9.5108	9:30	N/A	0	0.0000	9:30	63	0.0000	0.0000	
9:45	97	0.0080	8.0012	9:45	94	0.0101	10.1087	9:45	N/A	0	0.0000	9:45	63	0.0000	0.0167	
10:00	97	0.0084	8.4427	10:00	94	0.0105	10.5286	10:00	N/A	0	0.0000	10:00	63	0.0001	0.0844	
10:15	97	0.0086	8.6456	10:15	94	0.0107	10.6861	10:15	N/A	0	0.0000	10:15	63	0.0002	0.2403	
10:30	97	0.0088	8.8429	10:30	94	0.0104	10.3948	10:30	N/A	0	0.0000	10:30	63	0.0003	0.3404	
10:45	97	0.0089	8.8987	10:45	94	0.0106	10.6133	10:45	N/A	0	0.0000	10:45	63	0.0001	0.1107	
11:00	97	0.0094	9.3672	11:00	94	0.0109	10.8594	11:00	N/A	0	0.0000	11:00	63	0.0002	0.2096	
11:15	97	0.0088	8.7966	11:15	94	0.0111	11.0917	11:15	N/A	0	0.0000	11:15	63	0.0000	0.0216	
11:30	97	0.0089	8.8912	11:30	94	0.0113	11.2738	11:30	N/A	0	0.0000	11:30	63	0.0000	0.0187	
11:45	97	0.0090	9.0140	11:45	94	0.0111	11.1139	11:45	N/A	0	0.0000	11:45	63	0.0001	0.1399	

12:00	97	0.0089	8.9308	12:00	94	0.0111	11.1114	12:00	N/A	0	0.0000	12:00	63	0.0004	0.3523	
12:15	97	0.0090	8.9547	12:15	94	0.0105	10.4771	12:15	N/A	0	0.0000	12:15	63	0.0005	0.5217	
12:30	97	0.0093	9.3041	12:30	94	0.0111	11.0754	12:30	N/A	0	0.0000	12:30	63	0.0014	1.4188	
12:45	97	0.0089	8.9365	12:45	94	0.0114	11.4002	12:45	N/A	0	0.0000	12:45	63	0.0021	2.0830	
13:00	97	0.0092	9.2168	13:00	94	0.0118	11.7742	13:00	N/A	0	0.0000	13:00	63	0.0025	2.5411	
13:15	97	0.0096	9.5537	13:15	94	0.0109	10.9211	13:15	N/A	0	0.0000	13:15	63	0.0030	3.0427	
13:30	97	0.0094	9.3580	13:30	94	0.0113	11.2503	13:30	N/A	0	0.0000	13:30	63	0.0038	3.7853	
13:45	97	0.0095	9.5009	13:45	94	0.0117	11.7454	13:45	N/A	0	0.0000	13:45	63	0.0040	4.0167	
14:00	97	0.0097	9.6988	14:00	94	0.0110	11.0236	14:00	N/A	0	0.0000	14:00	63	0.0037	3.7373	
14:15	97	0.0091	9.0611	14:15	94	0.0104	10.4289	14:15	N/A	0	0.0000	14:15	63	0.0037	3.6581	
14:30	97	0.0094	9.4279	14:30	94	0.0105	10.5282	14:30	N/A	0	0.0000	14:30	63	0.0036	3.6362	
14:45	97	0.0088	8.7746	14:45	94	0.0104	10.3866	14:45	N/A	0	0.0000	14:45	63	0.0030	3.0287	
15:00	97	0.0089	8.8907	15:00	94	0.0088	8.7840	15:00	N/A	0	0.0000	15:00	63	0.0023	2.2503	
15:15	97	0.0094	9.4104	15:15	94	0.0082	8.1702	15:15	N/A	0	0.0000	15:15	63	0.0028	2.7790	
15:30	97	0.0096	9.5529	15:30	94	0.0089	8.8798	15:30	N/A	0	0.0000	15:30	63	0.0036	3.5867	
15:45	97	0.0097	9.6871	15:45	94	0.0095	9.5414	15:45	N/A	0	0.0000	15:45	63	0.0043	4.2825	
16:00	97	0.0099	9.8700	16:00	94	0.0096	9.6085	16:00	N/A	0	0.0000	16:00	63	0.0044	4.3561	
16:15	97	0.0073	7.2747	16:15	94	0.0082	8.2191	16:15	N/A	0	0.0000	16:15	63	0.0030	3.0478	
16:30	97	0.0047	4.7294	16:30	94	0.0063	6.3255	16:30	N/A	0	0.0000	16:30	63	0.0000	0.0009	
16:45	97	0.0052	5.1586	16:45	94	0.0058	5.7958	16:45	N/A	0	0.0000	16:45	63	0.0000	0.0209	
17:00	97	0.0084	8.4470	17:00	94	0.0088	8.8097	17:00	N/A	0	0.0000	17:00	63	0.0009	0.9161	
17:15	97	0.0061	6.1023	17:15	94	0.0067	6.6596	17:15	N/A	0	0.0000	17:15	63	0.0008	0.7641	
17:30	97	0.0065	6.4917	17:30	94	0.0086	8.6174	17:30	N/A	0	0.0000	17:30	63	0.0011	1.1482	
17:45	97	0.0040	3.9579	17:45	94	0.0040	4.0467	17:45	N/A	0	0.0000	17:45	63	0.0000	0.0266	
18:00	97	0.0056	5.6283	18:00	94	0.0087	8.6921	18:00	N/A	0	0.0000	18:00	63	0.0000	0.0000	
18:15	97	0.0066	6.5630	18:15	94	0.0099	9.9379	18:15	N/A	0	0.0000	18:15	63	0.0000	0.0000	
18:30	97	0.0069	6.8872	18:30	94	0.0100	9.9785	18:30	N/A	0	0.0000	18:30	63	0.0000	0.0000	
18:45	97	0.0071	7.0884	18:45	94	0.0097	9.6670	18:45	N/A	0	0.0000	18:45	63	0.0000	0.0000	
19:00	97	0.0068	6.8136	19:00	94	0.0093	9.2708	19:00	N/A	0	0.0000	19:00	63	0.0000	0.0000	
19:15	97	0.0067	6.6663	19:15	94	0.0096	9.6223	19:15	N/A	0	0.0000	19:15	63	0.0000	0.0000	
19:30	97	0.0066	6.5808	19:30	94	0.0099	9.9464	19:30	N/A	0	0.0000	19:30	63	0.0000	0.0000	
19:45	97	0.0066	6.6484	19:45	94	0.0099	9.9184	19:45	N/A	0	0.0000	19:45	63	0.0000	0.0000	
20:00	97	0.0062	6.2441	20:00	94	0.0102	10.1867	20:00	N/A	0	0.0000	20:00	63	0.0000	0.0000	
20:15	97	0.0059	5.9251	20:15	94	0.0104	10.3735	20:15	N/A	0	0.0000	20:15	63	0.0000	0.0000	
20:30	97	0.0060	6.0174	20:30	94	0.0090	8.9671	20:30	N/A	0	0.0000	20:30	63	0.0000	0.0000	
20:45	97	0.0057	5.7234	20:45	94	0.0092	9.2271	20:45	N/A	0	0.0000	20:45	63	0.0000	0.0000	
21:00	97	0.0055	5.4595	21:00	94	0.0093	9.3483	21:00	N/A	0	0.0000	21:00	63	0.0000	0.0000	
21:15	97	0.0052	5.1588	21:15	94	0.0095	9.4692	21:15	N/A	0	0.0000	21:15	63	0.0000	0.0000	
21:30	97	0.0045	4.4823	21:30	94	0.0096	9.6184	21:30	N/A	0	0.0000	21:30	63	0.0000	0.0000	
21:45	97	0.0042	4.1847	21:45	94	0.0096	9.5930	21:45	N/A	0	0.0000	21:45	63	0.0000	0.0000	
22:00	97	0.0044	4.4448	22:00	94	0.0097	9.6792	22:00	N/A	0	0.0000	22:00	63	0.0000	0.0000	
22:15	97	0.0047	4.6843	22:15	94	0.0091	9.1160	22:15	N/A	0	0.0000	22:15	63	0.0000	0.0000	
22:30	97	0.0044	4.4482	22:30	94	0.0108	10.8247	22:30	N/A	0	0.0000	22:30	63	0.0000	0.0000	
22:45	97	0.0040	3.9861	22:45	94	0.0100	10.0335	22:45	N/A	0	0.0000	22:45	63	0.0000	0.0000	
23:00	97	0.0044	4.4103	23:00	94	0.0096	9.5515	23:00	N/A	0	0.0000	23:00	63	0.0000	0.0000	
23:15	97	0.0054	5.3759	23:15	94	0.0093	9.3490	23:15	N/A	0	0.0000	23:15	63	0.0000	0.0000	
23:30	97	0.0057	5.6723	23:30	94	0.0098	9.8440	23:30	N/A	0	0.0000	23:30	63	0.0000	0.0000	
23:45	97	0.0058	5.8087	23:45	94	0.0097	9.7352	23:45	N/A	0	0.0000	23:45	63	0.0000	0.0000	



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

11/29/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/29/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/29/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/29/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	97	0.0050	4.9603	0:00	94	0.0097	9.7188	0:00	N/A	0	0.0000	0:00	63	0.0000	0.0000	
0:15	97	0.0047	4.6594	0:15	94	0.0097	9.6763	0:15	N/A	0	0.0000	0:15	63	0.0000	0.0000	
0:30	97	0.0049	4.9103	0:30	94	0.0100	10.0000	0:30	N/A	0	0.0000	0:30	63	0.0000	0.0000	
0:45	97	0.0051	5.1244	0:45	94	0.0091	9.0587	0:45	N/A	0	0.0000	0:45	63	0.0000	0.0000	
1:00	97	0.0039	3.9470	1:00	94	0.0102	10.1853	1:00	N/A	0	0.0000	1:00	63	0.0000	0.0000	
1:15	97	0.0033	3.3361	1:15	94	0.0098	9.7965	1:15	N/A	0	0.0000	1:15	63	0.0000	0.0000	
1:30	97	0.0034	3.4002	1:30	94	0.0101	10.1384	1:30	N/A	0	0.0000	1:30	63	0.0000	0.0295	
1:45	97	0.0040	4.0041	1:45	94	0.0095	9.4960	1:45	N/A	0	0.0000	1:45	63	0.0003	0.2640	
2:00	97	0.0052	5.1732	2:00	94	0.0098	9.8077	2:00	N/A	0	0.0000	2:00	63	0.0004	0.3856	
2:15	97	0.0053	5.2669	2:15	94	0.0098	9.8357	2:15	N/A	0	0.0000	2:15	63	0.0002	0.2176	
2:30	97	0.0054	5.3687	2:30	94	0.0097	9.6754	2:30	N/A	0	0.0000	2:30	63	0.0000	0.0335	
2:45	97	0.0053	5.2696	2:45	94	0.0090	9.0322	2:45	N/A	0	0.0000	2:45	63	0.0000	0.0000	
3:00	97	0.0052	5.2131	3:00	94	0.0087	8.6882	3:00	N/A	0	0.0000	3:00	63	0.0000	0.0000	
3:15	97	0.0055	5.5205	3:15	94	0.0087	8.7151	3:15	N/A	0	0.0000	3:15	63	0.0000	0.0000	
3:30	97	0.0058	5.8155	3:30	94	0.0097	9.7375	3:30	N/A	0	0.0000	3:30	63	0.0000	0.0000	
3:45	97	0.0055	5.4550	3:45	94	0.0091	9.0641	3:45	N/A	0	0.0000	3:45	63	0.0000	0.0000	
4:00	97	0.0052	5.2402	4:00	94	0.0087	8.7325	4:00	N/A	0	0.0000	4:00	63	0.0000	0.0000	
4:15	97	0.0045	4.5132	4:15	94	0.0088	8.7972	4:15	N/A	0	0.0000	4:15	63	0.0000	0.0000	
4:30	97	0.0039	3.8547	4:30	94	0.0088	8.8428	4:30	N/A	0	0.0000	4:30	63	0.0000	0.0000	
4:45	97	0.0035	3.4781	4:45	94	0.0095	9.4556	4:45	N/A	0	0.0000	4:45	63	0.0000	0.0000	
5:00	97	0.0024	2.3982	5:00	94	0.0096	9.5913	5:00	N/A	0	0.0000	5:00	63	0.0000	0.0000	
5:15	97	0.0015	1.4789	5:15	94	0.0093	9.2789	5:15	N/A	0	0.0000	5:15	63	0.0000	0.0000	
5:30	97	0.0014	1.3925	5:30	94	0.0094	9.3716	5:30	N/A	0	0.0000	5:30	63	0.0000	0.0000	
5:45	97	0.0007	0.6718	5:45	94	0.0095	9.5262	5:45	N/A	0	0.0000	5:45	63	0.0000	0.0000	
6:00	97	0.0000	0.0382	6:00	94	0.0098	9.8264	6:00	N/A	0	0.0000	6:00	63	0.0000	0.0000	
6:15	97	0.0000	0.0000	6:15	94	0.0099	9.8605	6:15	N/A	0	0.0000	6:15	63	0.0000	0.0000	
6:30	97	0.0000	0.0000	6:30	94	0.0098	9.8009	6:30	N/A	0	0.0000	6:30	63	0.0000	0.0000	
6:45	97	0.0000	0.0000	6:45	94	0.0098	9.8222	6:45	N/A	0	0.0000	6:45	63	0.0000	0.0000	
7:00	97	0.0000	0.0000	7:00	94	0.0102	10.2307	7:00	N/A	0	0.0000	7:00	63	0.0000	0.0000	
7:15	97	0.0000	0.0000	7:15	94	0.0110	10.9583	7:15	N/A	0	0.0000	7:15	63	0.0000	0.0000	
7:30	97	0.0000	0.0000	7:30	94	0.0104	10.3602	7:30	N/A	0	0.0000	7:30	63	0.0000	0.0000	
7:45	97	0.0000	0.0000	7:45	94	0.0095	9.5486	7:45	N/A	0	0.0000	7:45	63	0.0000	0.0000	
8:00	97	0.0000	0.0000	8:00	94	0.0091	9.1442	8:00	N/A	0	0.0000	8:00	63	0.0000	0.0000	
8:15	97	0.0000	0.0000	8:15	94	0.0090	9.0484	8:15	N/A	0	0.0000	8:15	63	0.0000	0.0000	
8:30	97	0.0000	0.0126	8:30	94	0.0090	9.0477	8:30	N/A	0	0.0000	8:30	63	0.0000	0.0000	
8:45	97	0.0002	0.2097	8:45	94	0.0087	8.7318	8:45	N/A	0	0.0000	8:45	63	0.0000	0.0000	
9:00	97	0.0004	0.3988	9:00	94	0.0082	8.1539	9:00	N/A	0	0.0000	9:00	63	0.0000	0.0000	
9:15	97	0.0003	0.3265	9:15	94	0.0081	8.1375	9:15	N/A	0	0.0000	9:15	63	0.0000	0.0000	
9:30	97	0.0002	0.2308	9:30	94	0.0084	8.3643	9:30	N/A	0	0.0000	9:30	63	0.0000	0.0000	
9:45	97	0.0003	0.2755	9:45	94	0.0085	8.5222	9:45	N/A	0	0.0000	9:45	63	0.0000	0.0000	
10:00	97	0.0002	0.1799	10:00	94	0.0083	8.3308	10:00	N/A	0	0.0000	10:00	63	0.0000	0.0000	
10:15	97	0.0000	0.0027	10:15	94	0.0079	7.8662	10:15	N/A	0	0.0000	10:15	63	0.0000	0.0000	
10:30	97	0.0000	0.0000	10:30	94	0.0079	7.8716	10:30	N/A	0	0.0000	10:30	63	0.0000	0.0090	
10:45	97	0.0000	0.0000	10:45	94	0.0083	8.2904	10:45	N/A	0	0.0000	10:45	63	0.0000	0.0149	
11:00	97	0.0000	0.0000	11:00	94	0.0087	8.6741	11:00	N/A	0	0.0000	11:00	63	0.0000	0.0000	
11:15	97	0.0000	0.0000	11:15	94	0.0089	8.9474	11:15	N/A	0	0.0000	11:15	63	0.0000	0.0000	
11:30	97	0.0000	0.0000	11:30	94	0.0092	9.1890	11:30	N/A	0	0.0000	11:30	63	0.0000	0.0443	
11:45	97	0.0001	0.0742	11:45	94	0.0092	9.1575	11:45	N/A	0	0.0000	11:45	63	0.0001	0.0980	

12:00	97	0.0003	0.3099	12:00	94	0.0092	9.1883	12:00	N/A	0	0.0000	12:00	63	0.0000	0.0000	
12:15	97	0.0003	0.3366	12:15	94	0.0092	9.1964	12:15	N/A	0	0.0000	12:15	63	0.0000	0.0000	
12:30	97	0.0000	0.0000	12:30	94	0.0092	9.1811	12:30	N/A	0	0.0000	12:30	63	0.0000	0.0103	
12:45	97	0.0000	0.0193	12:45	94	0.0098	9.7815	12:45	N/A	0	0.0000	12:45	63	0.0001	0.0507	
13:00	97	0.0000	0.0464	13:00	94	0.0097	9.7470	13:00	N/A	0	0.0000	13:00	63	0.0001	0.0570	
13:15	97	0.0000	0.0243	13:15	94	0.0093	9.2645	13:15	N/A	0	0.0000	13:15	63	0.0000	0.0109	
13:30	97	0.0000	0.0000	13:30	94	0.0083	8.2706	13:30	N/A	0	0.0000	13:30	63	0.0000	0.0251	
13:45	97	0.0006	0.6484	13:45	94	0.0073	7.2605	13:45	N/A	0	0.0000	13:45	63	0.0000	0.0000	
14:00	97	0.0014	1.3799	14:00	94	0.0072	7.2190	14:00	N/A	0	0.0000	14:00	63	0.0000	0.0000	
14:15	97	0.0007	0.7248	14:15	94	0.0074	7.4121	14:15	N/A	0	0.0000	14:15	63	0.0000	0.0000	
14:30	97	0.0003	0.3479	14:30	94	0.0073	7.3377	14:30	N/A	0	0.0000	14:30	63	0.0000	0.0000	
14:45	97	0.0002	0.2165	14:45	94	0.0073	7.3195	14:45	N/A	0	0.0000	14:45	63	0.0000	0.0000	
15:00	97	0.0010	1.0052	15:00	94	0.0081	8.1193	15:00	N/A	0	0.0000	15:00	63	0.0000	0.0000	
15:15	97	0.0013	1.3429	15:15	94	0.0081	8.0859	15:15	N/A	0	0.0000	15:15	63	0.0000	0.0066	
15:30	97	0.0007	0.6515	15:30	94	0.0075	7.4741	15:30	N/A	0	0.0000	15:30	63	0.0000	0.0303	
15:45	97	0.0010	0.9597	15:45	94	0.0073	7.2909	15:45	N/A	0	0.0000	15:45	63	0.0000	0.0316	
16:00	97	0.0010	1.0223	16:00	94	0.0069	6.8977	16:00	N/A	0	0.0000	16:00	63	0.0001	0.1291	
16:15	97	0.0004	0.3863	16:15	94	0.0066	6.5809	16:15	N/A	0	0.0000	16:15	63	0.0001	0.1290	
16:30	97	0.0001	0.1126	16:30	94	0.0061	6.0950	16:30	N/A	0	0.0000	16:30	63	0.0002	0.2024	
16:45	97	0.0001	0.0572	16:45	94	0.0061	6.0869	16:45	N/A	0	0.0000	16:45	63	0.0007	0.7469	
17:00	97	0.0002	0.2172	17:00	94	0.0066	6.5876	17:00	N/A	0	0.0000	17:00	63	0.0013	1.3272	
17:15	97	0.0003	0.2907	17:15	94	0.0072	7.2188	17:15	N/A	0	0.0000	17:15	63	0.0009	0.9110	
17:30	97	0.0002	0.2198	17:30	94	0.0073	7.2907	17:30	N/A	0	0.0000	17:30	63	0.0003	0.3030	
17:45	97	0.0000	0.0403	17:45	94	0.0080	8.0406	17:45	N/A	0	0.0000	17:45	63	0.0004	0.4018	
18:00	97	0.0001	0.1246	18:00	94	0.0081	8.1147	18:00	N/A	0	0.0000	18:00	63	0.0014	1.4382	
18:15	97	0.0000	0.0000	18:15	94	0.0070	6.9630	18:15	N/A	0	0.0000	18:15	63	0.0015	1.4875	
18:30	97	0.0000	0.0000	18:30	94	0.0068	6.8184	18:30	N/A	0	0.0000	18:30	63	0.0016	1.6388	
18:45	97	0.0000	0.0000	18:45	94	0.0066	6.5779	18:45	N/A	0	0.0000	18:45	63	0.0018	1.8429	
19:00	97	0.0000	0.0000	19:00	94	0.0062	6.1651	19:00	N/A	0	0.0000	19:00	63	0.0012	1.2076	
19:15	97	0.0000	0.0000	19:15	94	0.0062	6.2253	19:15	N/A	0	0.0000	19:15	63	0.0015	1.4909	
19:30	97	0.0000	0.0000	19:30	94	0.0061	6.1397	19:30	N/A	0	0.0000	19:30	63	0.0013	1.2975	
19:45	97	0.0000	0.0000	19:45	94	0.0055	5.5500	19:45	N/A	0	0.0000	19:45	63	0.0008	0.7877	
20:00	97	0.0001	0.1169	20:00	94	0.0056	5.6067	20:00	N/A	0	0.0000	20:00	63	0.0010	1.0212	
20:15	97	0.0006	0.6197	20:15	94	0.0063	6.3081	20:15	N/A	0	0.0000	20:15	63	0.0003	0.2766	
20:30	97	0.0004	0.3639	20:30	94	0.0055	5.4699	20:30	N/A	0	0.0000	20:30	63	0.0006	0.5675	
20:45	97	0.0000	0.0000	20:45	94	0.0050	5.0205	20:45	N/A	0	0.0000	20:45	63	0.0005	0.5327	
21:00	97	0.0000	0.0000	21:00	94	0.0053	5.2824	21:00	N/A	0	0.0000	21:00	63	0.0012	1.2103	
21:15	97	0.0000	0.0000	21:15	94	0.0052	5.2017	21:15	N/A	0	0.0000	21:15	63	0.0012	1.1841	
21:30	97	0.0000	0.0000	21:30	94	0.0055	5.4531	21:30	N/A	0	0.0000	21:30	63	0.0012	1.2362	
21:45	97	0.0000	0.0000	21:45	94	0.0059	5.8969	21:45	N/A	0	0.0000	21:45	63	0.0020	1.9528	
22:00	97	0.0001	0.0746	22:00	94	0.0062	6.2379	22:00	N/A	0	0.0000	22:00	63	0.0018	1.7531	
22:15	97	0.0005	0.4751	22:15	94	0.0061	6.1393	22:15	N/A	0	0.0000	22:15	63	0.0022	2.2405	
22:30	97	0.0010	0.9534	22:30	94	0.0060	6.0441	22:30	N/A	0	0.0000	22:30	63	0.0022	2.1520	
22:45	97	0.0013	1.3009	22:45	94	0.0059	5.9055	22:45	N/A	0	0.0000	22:45	63	0.0021	2.0857	
23:00	97	0.0017	1.7384	23:00	94	0.0054	5.4343	23:00	N/A	0	0.0000	23:00	63	0.0022	2.2452	
23:15	97	0.0013	1.3205	23:15	94	0.0063	6.2661	23:15	N/A	0	0.0000	23:15	63	0.0030	3.0199	
23:30	97	0.0003	0.2617	23:30	94	0.0060	5.9949	23:30	N/A	0	0.0000	23:30	63	0.0025	2.5097	
23:45	97	0.0002	0.2329	23:45	94	0.0054	5.3970	23:45	N/A	0	0.0000	23:45	63	0.0029	2.9133	



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

11/30/2024 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	11/30/2024 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	11/30/2024 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	11/30/2024 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	97	0.0000	0.0000	0:00	94	0.0050	5.0205	0:00	N/A	0	0.0000	0:00	63	0.0031	3.0753	
0:15	97	0.0000	0.0000	0:15	94	0.0054	5.4194	0:15	N/A	0	0.0000	0:15	63	0.0029	2.9427	
0:30	97	0.0000	0.0000	0:30	94	0.0046	4.5523	0:30	N/A	0	0.0000	0:30	63	0.0033	3.2924	
0:45	97	0.0000	0.0000	0:45	94	0.0045	4.5314	0:45	N/A	0	0.0000	0:45	63	0.0041	4.0655	
1:00	97	0.0000	0.0000	1:00	94	0.0043	4.3323	1:00	N/A	0	0.0000	1:00	63	0.0038	3.8000	
1:15	97	0.0000	0.0000	1:15	94	0.0043	4.3302	1:15	N/A	0	0.0000	1:15	63	0.0040	4.0001	
1:30	97	0.0000	0.0000	1:30	94	0.0047	4.7220	1:30	N/A	0	0.0000	1:30	63	0.0041	4.1392	
1:45	97	0.0000	0.0063	1:45	94	0.0049	4.8899	1:45	N/A	0	0.0000	1:45	63	0.0044	4.4377	
2:00	97	0.0001	0.1444	2:00	94	0.0048	4.8153	2:00	N/A	0	0.0000	2:00	63	0.0045	4.4877	
2:15	97	0.0002	0.1899	2:15	94	0.0059	5.8914	2:15	N/A	0	0.0000	2:15	63	0.0050	4.9822	
2:30	97	0.0002	0.1966	2:30	94	0.0054	5.3716	2:30	N/A	0	0.0000	2:30	63	0.0051	5.0946	
2:45	97	0.0003	0.2942	2:45	94	0.0054	5.4294	2:45	N/A	0	0.0000	2:45	63	0.0053	5.2974	
3:00	97	0.0000	0.0401	3:00	94	0.0065	6.5403	3:00	N/A	0	0.0000	3:00	63	0.0053	5.3007	
3:15	97	0.0000	0.0000	3:15	94	0.0067	6.6892	3:15	N/A	0	0.0000	3:15	63	0.0047	4.6895	
3:30	97	0.0000	0.0000	3:30	94	0.0061	6.1147	3:30	N/A	0	0.0000	3:30	63	0.0050	4.9800	
3:45	97	0.0000	0.0000	3:45	94	0.0059	5.9264	3:45	N/A	0	0.0000	3:45	63	0.0050	4.9933	
4:00	97	0.0000	0.0000	4:00	94	0.0057	5.7197	4:00	N/A	0	0.0000	4:00	63	0.0051	5.1054	
4:15	97	0.0000	0.0000	4:15	94	0.0056	5.5828	4:15	N/A	0	0.0000	4:15	63	0.0048	4.8263	
4:30	97	0.0000	0.0000	4:30	94	0.0055	5.5013	4:30	N/A	0	0.0000	4:30	63	0.0049	4.8620	
4:45	97	0.0000	0.0001	4:45	94	0.0064	6.3678	4:45	N/A	0	0.0000	4:45	63	0.0051	5.1345	
5:00	97	0.0001	0.0561	5:00	94	0.0065	6.5485	5:00	N/A	0	0.0000	5:00	63	0.0055	5.4701	
5:15	97	0.0000	0.0014	5:15	94	0.0057	5.7434	5:15	N/A	0	0.0000	5:15	63	0.0054	5.3833	
5:30	97	0.0000	0.0189	5:30	94	0.0055	5.4802	5:30	N/A	0	0.0000	5:30	63	0.0054	5.3669	
5:45	97	0.0000	0.0004	5:45	94	0.0052	5.2148	5:45	N/A	0	0.0000	5:45	63	0.0053	5.3233	
6:00	97	0.0000	0.0000	6:00	94	0.0051	5.0548	6:00	N/A	0	0.0000	6:00	63	0.0054	5.3946	
6:15	97	0.0000	0.0000	6:15	94	0.0051	5.1098	6:15	N/A	0	0.0000	6:15	63	0.0053	5.3237	
6:30	97	0.0000	0.0000	6:30	94	0.0049	4.9436	6:30	N/A	0	0.0000	6:30	63	0.0047	4.6785	
6:45	97	0.0000	0.0000	6:45	94	0.0045	4.4780	6:45	N/A	0	0.0000	6:45	63	0.0044	4.3520	
7:00	97	0.0000	0.0000	7:00	94	0.0049	4.9409	7:00	N/A	0	0.0000	7:00	63	0.0049	4.9286	
7:15	97	0.0000	0.0000	7:15	94	0.0053	5.3483	7:15	N/A	0	0.0000	7:15	63	0.0053	5.2928	
7:30	97	0.0000	0.0000	7:30	94	0.0051	5.1029	7:30	N/A	0	0.0000	7:30	63	0.0052	5.2111	
7:45	97	0.0000	0.0000	7:45	94	0.0052	5.2132	7:45	N/A	0	0.0000	7:45	63	0.0051	5.1061	
8:00	97	0.0000	0.0000	8:00	94	0.0055	5.5119	8:00	N/A	0	0.0000	8:00	63	0.0051	5.0602	
8:15	97	0.0000	0.0000	8:15	94	0.0052	5.1903	8:15	N/A	0	0.0000	8:15	63	0.0051	5.1201	
8:30	97	0.0000	0.0000	8:30	94	0.0051	5.0578	8:30	N/A	0	0.0000	8:30	63	0.0056	5.5646	
8:45	97	0.0000	0.0000	8:45	94	0.0053	5.3215	8:45	N/A	0	0.0000	8:45	63	0.0058	5.7802	
9:00	97	0.0000	0.0000	9:00	94	0.0049	4.8790	9:00	N/A	0	0.0000	9:00	63	0.0054	5.3788	
9:15	97	0.0000	0.0000	9:15	94	0.0050	4.9706	9:15	N/A	0	0.0000	9:15	63	0.0051	5.1361	
9:30	97	0.0000	0.0000	9:30	94	0.0050	4.9844	9:30	N/A	0	0.0000	9:30	63	0.0050	4.9650	
9:45	97	0.0000	0.0000	9:45	94	0.0044	4.4487	9:45	N/A	0	0.0000	9:45	63	0.0049	4.9165	
10:00	97	0.0000	0.0000	10:00	94	0.0043	4.3371	10:00	N/A	0	0.0000	10:00	63	0.0049	4.8673	
10:15	97	0.0000	0.0000	10:15	94	0.0041	4.1302	10:15	N/A	0	0.0000	10:15	63	0.0049	4.9229	
10:30	97	0.0000	0.0000	10:30	94	0.0050	4.9538	10:30	N/A	0	0.0000	10:30	63	0.0053	5.2956	
10:45	97	0.0000	0.0000	10:45	94	0.0054	5.3635	10:45	N/A	0	0.0000	10:45	63	0.0054	5.4260	
11:00	97	0.0000	0.0000	11:00	94	0.0052	5.2016	11:00	N/A	0	0.0000	11:00	63	0.0054	5.3948	
11:15	97	0.0007	0.6531	11:15	94	0.0053	5.2563	11:15	N/A	0	0.0000	11:15	63	0.0054	5.3804	
11:30	97	0.0008	0.8207	11:30	94	0.0052	5.2298	11:30	N/A	0	0.0000	11:30	63	0.0052	5.1682	
11:45	97	0.0009	0.8733	11:45	94	0.0050	4.9759	11:45	N/A	0	0.0000	11:45	63	0.0050	4.9692	

12:00	97	0.0011	1.0566	12:00	94	0.0054	5.3533	12:00	N/A	0	0.0000	12:00	63	0.0047	4.7285	
12:15	97	0.0004	0.4492	12:15	94	0.0056	5.5898	12:15	N/A	0	0.0000	12:15	63	0.0046	4.5828	
12:30	97	0.0001	0.0582	12:30	94	0.0058	5.7831	12:30	N/A	0	0.0000	12:30	63	0.0048	4.8078	
12:45	97	0.0003	0.2968	12:45	94	0.0060	5.9819	12:45	N/A	0	0.0000	12:45	63	0.0049	4.9019	
13:00	97	0.0008	0.8150	13:00	94	0.0062	6.1793	13:00	N/A	0	0.0000	13:00	63	0.0050	4.9782	
13:15	97	0.0009	0.8775	13:15	94	0.0063	6.3181	13:15	N/A	0	0.0000	13:15	63	0.0049	4.9413	
13:30	97	0.0011	1.1159	13:30	94	0.0061	6.1094	13:30	N/A	0	0.0000	13:30	63	0.0047	4.7307	
13:45	97	0.0004	0.3525	13:45	94	0.0060	6.0137	13:45	N/A	0	0.0000	13:45	63	0.0045	4.5142	
14:00	97	0.0000	0.0340	14:00	94	0.0060	5.9848	14:00	N/A	0	0.0000	14:00	63	0.0045	4.5213	
14:15	97	0.0000	0.0138	14:15	94	0.0058	5.7594	14:15	N/A	0	0.0000	14:15	63	0.0047	4.7345	
14:30	97	0.0000	0.0000	14:30	94	0.0059	5.9225	14:30	N/A	0	0.0000	14:30	63	0.0046	4.6305	
14:45	97	0.0000	0.0000	14:45	94	0.0061	6.0574	14:45	N/A	0	0.0000	14:45	63	0.0054	5.4414	
15:00	97	0.0000	0.0000	15:00	94	0.0059	5.8541	15:00	N/A	0	0.0000	15:00	63	0.0054	5.3631	
15:15	97	0.0000	0.0000	15:15	94	0.0060	5.9501	15:15	N/A	0	0.0000	15:15	63	0.0047	4.7390	
15:30	97	0.0000	0.0000	15:30	94	0.0057	5.6947	15:30	N/A	0	0.0000	15:30	63	0.0051	5.0757	
15:45	97	0.0000	0.0000	15:45	94	0.0054	5.3812	15:45	N/A	0	0.0000	15:45	63	0.0045	4.4608	
16:00	97	0.0000	0.0000	16:00	94	0.0054	5.4239	16:00	N/A	0	0.0000	16:00	63	0.0039	3.8556	
16:15	97	0.0000	0.0000	16:15	94	0.0052	5.1636	16:15	N/A	0	0.0000	16:15	63	0.0034	3.4326	
16:30	97	0.0000	0.0000	16:30	94	0.0051	5.1477	16:30	N/A	0	0.0000	16:30	63	0.0034	3.4032	
16:45	97	0.0000	0.0000	16:45	94	0.0050	5.0296	16:45	N/A	0	0.0000	16:45	63	0.0037	3.6543	
17:00	97	0.0000	0.0000	17:00	94	0.0045	4.5168	17:00	N/A	0	0.0000	17:00	63	0.0036	3.6314	
17:15	97	0.0000	0.0000	17:15	94	0.0044	4.3988	17:15	N/A	0	0.0000	17:15	63	0.0036	3.5968	
17:30	97	0.0000	0.0000	17:30	94	0.0045	4.4733	17:30	N/A	0	0.0000	17:30	63	0.0039	3.9388	
17:45	97	0.0000	0.0000	17:45	94	0.0045	4.5152	17:45	N/A	0	0.0000	17:45	63	0.0041	4.0952	
18:00	97	0.0000	0.0000	18:00	94	0.0042	4.2141	18:00	N/A	0	0.0000	18:00	63	0.0035	3.4750	
18:15	97	0.0000	0.0000	18:15	94	0.0042	4.1993	18:15	N/A	0	0.0000	18:15	63	0.0032	3.2324	
18:30	97	0.0000	0.0000	18:30	94	0.0039	3.9171	18:30	N/A	0	0.0000	18:30	63	0.0030	3.0197	
18:45	97	0.0000	0.0000	18:45	94	0.0032	3.1854	18:45	N/A	0	0.0000	18:45	63	0.0022	2.2490	
19:00	97	0.0000	0.0000	19:00	94	0.0034	3.4047	19:00	N/A	0	0.0000	19:00	63	0.0026	2.5661	
19:15	97	0.0000	0.0000	19:15	94	0.0036	3.6375	19:15	N/A	0	0.0000	19:15	63	0.0031	3.0823	
19:30	97	0.0000	0.0000	19:30	94	0.0018	1.8219	19:30	N/A	0	0.0000	19:30	63	0.0015	1.4845	
19:45	97	0.0000	0.0000	19:45	94	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	63	0.0000	0.0000	
20:00	97	0.0000	0.0000	20:00	94	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	63	0.0000	0.0000	
20:15	97	0.0000	0.0000	20:15	94	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	63	0.0000	0.0000	
20:30	97	0.0000	0.0000	20:30	94	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	63	0.0000	0.0000	
20:45	97	0.0000	0.0000	20:45	94	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	63	0.0000	0.0000	
21:00	97	0.0000	0.0000	21:00	94	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	63	0.0000	0.0000	
21:15	97	0.0000	0.0000	21:15	94	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	63	0.0000	0.0000	
21:30	97	0.0000	0.0000	21:30	94	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	63	0.0000	0.0000	
21:45	97	0.0000	0.0000	21:45	94	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	63	0.0000	0.0000	
22:00	97	0.0000	0.0000	22:00	94	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	63	0.0000	0.0000	
22:15	97	0.0000	0.0000	22:15	94	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	63	0.0000	0.0000	
22:30	97	0.0000	0.0000	22:30	94	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	63	0.0000	0.0000	
22:45	97	0.0000	0.0000	22:45	94	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	63	0.0000	0.0000	
23:00	97	0.0000	0.0000	23:00	94	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	63	0.0000	0.0000	
23:15	97	0.0000	0.0000	23:15	94	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	63	0.0000	0.0000	
23:30	97	0.0000	0.0000	23:30	94	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	63	0.0000	0.0000	
23:45	97	0.0000	0.0000	23:45	94	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	63	0.0000	0.0000	