



Shell Chemical Appalachia LLC
300 Frankfort Rd
Monaca, PA 15061

April 16, 2025

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 April 2025

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 March 2025 (see COA Exhibit A).
- Emission factors, assumptions, and calculation protocol.
- Malfunctions through March 2025.
- Fence Line Monitoring data for March 2025 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 April 16, 2025

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
031: Ethane Cracking Furnace #1 032: Ethane Cracking Furnace #2 033: Ethane Cracking Furnace #3 034: Ethane Cracking Furnace #4 035: Ethane Cracking Furnace #5 036: Ethane Cracking Furnace #6 037: Ethane Cracking Furnace #7 Main Burners Fuel Gas (Tail Gas, Natural Gas or Mixture of Tail gas and Natural Gas) Rated Capacity: 620 MMBtu/hr, each	- NOx, CO: CEMS analyzer hourly-block average output/Certified CEMS data. - PM-filt [all operating modes except decoke]: AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. Site-specific emission factors to be developed after stack testing. - PM10, PM 2.5 [all operating modes except decoke]: Vendor Data at 0.005 lb/MMBtu [Feb. 2020 Update Plan Approval Application]. Site-specific emission factors to be developed after stack testing. - PM-filt, PM10, PM2.5 [de-coking]: 1.86 lbs/hr / 180 MMBtu/hr = 0.0103 lb/MMBtu (preliminary vendor data at 1.86 lbs/hr and estimated heat input during decoking). [Feb. 2020 Update Plan Approval Application]. Site-specific emission factors to be developed after stack testing. - PM-cond [all operating modes but decoke]: PM – PM filt. PM-cond emissions are negligible. - VOC: LAER emission factor at 0.0019 lb/MMBtu. [Feb. 2020 Update Plan Approval Application]. Site-specific emission factors to be developed after stack testing. - SO2: material balance based on mass of fuel gas combusted, taking out the H2 portion of the mass and using the sulfur content in natural gas. Equation: FUEL GAS MASS - H2 (WT%) /100] * S CONTENT (WT%) / 100 * MW SO2 / MW S. - H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, “Fuel Oil Combustion,” 5/2010 and molecular weight ratio of H2SO4 and SO3 (98.08 g/mol / 80.06 g/mol). - Total HAPs (minus lead and E-rated n-hexane): AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. Site-specific emission factors to be developed after stack testing. - Lead: AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998, but only considering the natural gas portion by removing the H2 content in the HHV of the fuel gas, consistent with the Feb. 2020 Plan Approval Application. - n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr (highest of external combustion factor). VCAPCD AB2588 combem[2].pdf - NH3 (ammonia slip): In-stack analyzer data. - CO2: Material balance based on mass of fuel gas combusted and carbon content in fuel. Equation: FUEL GAS MASS * C CONTENT (WT%) / 100 * MW CO2 / MW C. - CH4: 40 CFR Part 98 Subpart C Table C-2 emission factor for natural gas, but only considering the natural gas portion by removing the H2 content in the HHV of the fuel gas, consistent with the Feb. 2020 Plan Approval Application. - N2O: 40 CFR Part 98 Subpart C Table C-2 emission factor for natural gas.	<u>PI Inputs</u> - Fuel Gas Mass Combusted Burners A-D (kg/hr) - Fuel Gas Mass Combusted Burners E-H (kg/hr) - Fuel Gas Composition (% mol) - NG Sulfur (S) Content (ppmv), converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf - NOx, CO Analyzer Data (Block Average) (lbs/hr) - NH3 Analyzer Data (ppmvd) - Feed Rate Ethane (tonne/hr) - Decoke Status (Open/Closed) - Coil temperature (C) - Furnace O2 % <u>Calculated/Miscellaneous Inputs</u> - Fuel Gas Molecular Weight: Fuel Gas Composition and Standard Molecular Weight of Constituents - HHV of Fuel Gas: Fuel Gas Composition and Standard Heat of Combustion for Constituents % Carbon by weight and % H2 by weight: Fuel Gas Composition - Heat Rate of Fuel Gas: Fuel Gas Mass and HHV of Fuel Gas - H2 HHV Heat Release in Fuel Gas: H2 Composition (%mol), H2 Molecular Weight, Fuel Gas Molecular Weight, Fuel Gas HHV, H2 Heat of Combustion - Furnace Operating Mode - Normal Mode: Feed Rate Ethane > 43 tonne/hr - Feed In/Out Mode: Feed Rate Ethane < 43 tonne/hr - Hot Steam Standby Mode: Furnace feed <0.1 tonne/hr - Decoke Mode: Open/Closed - SU/SD Mode: Coil temperature <750
031: Ethane Cracking Furnace #1 032: Ethane Cracking Furnace #2 033: Ethane Cracking Furnace #3 034: Ethane Cracking Furnace #4 035: Ethane Cracking Furnace #5 036: Ethane Cracking Furnace #6 037: Ethane Cracking Furnace #7 Pilots (Natural Gas)	- NOx, CO: AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998 until CEMS is online and verified. - PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. - n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf - SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: NG FUEL MASS * S CONTENT NG (WT%) / 100 * MW SO2 / MW S. - H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, “Fuel Oil Combustion,” 5/2010 and molecular weight ratio of H2SO4 and SO3 (98.08 g/mol / 80.06 g/mol). - CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: NG FUEL MASS * C CONTENT (WT%) / 100 * MW CO2 / MW C. - CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. - N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas.	<u>PI Inputs</u> - Pilot Natural Gas Mass Combusted (kg/hr) - Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density - Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) - Natural Gas Composition C1 – C6+ (%mol) - Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <u>Calculated/Miscellaneous Inputs</u> - Heat Rate (MMBtu/hr) of Pilot: Pilot Natural Gas Mass and Natural Gas HHV - Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
101: Combustion Turbine/Duct Burner Unit #1 102: Combustion Turbine/Duct Burner Unit #2 103: Combustion Turbine/Duct Burner Unit #3	- NOx, CO: Certified CEMS using analyzer data and 40 CFR Part 75 Appendix D and F equations. - NH3 (ammonia slip): In-stack analyzer data when feasible. - PM-filt, PM-cond, PM10, PM2.5: Stack test factors (most recent). - VOC: Stack test factors (most recent). - HCHO (formaldehyde), toluene, benzene: Approved stack test factors developed from retest Dec 2022 or PTE basis as developed for Plan Approval D Permit Application. - 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: $NG \text{ FUEL MASS} * S \text{ CONTENT NG (WT\%)} / 100 * MW \text{ SO2} / MW \text{ S}$. - 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 and molecular weight ratio of H2SO4 and SO3 (98.08g/mol / 80.06 g/mol). - CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $NG \text{ FUEL MASS} * C \text{ CONTENT (WT\%)} / 100 * MW \text{ CO2} / MW \text{ C}$. - 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, PM10 = 0.96*PM and PM2.5 = 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: $DIESEL \text{ MASS} * S \text{ CONTENT DIESEL (ppmw)} / 10000 \text{ ppmw} / 100 * MW \text{ SO2} / MW \text{ S}$. - 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, PM10 = 0.96*PM and PM2.5 = 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: $DIESEL \text{ MASS} * S \text{ CONTENT DIESEL (ppmw)} / 10000 \text{ ppmw} / 100 * MW \text{ SO2} / MW \text{ S}$. - 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) Waste Gas from Process Operations and Natural Gas Primary Firing Fuel	1. NOx: 0.051 lb/MMBtu, May 2024 Stack Test 2. CO: 0.00847 lb/MMBtu, May 2024 Stack Test 3. PM-filt: 0.00085 lb/MMBtu, September 2024 Stack Test 4. PM-Cond: 0.00171 lb/MMBtu, September 2024 Stack Test 5. PM10 and PM2.5: 0.00256 lb/MMBtu, September 2024 Stack Test 6. VOC: a. Waste Gas: Material balance based on mass of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{VOC CONTENT (WT\%)} / 100 * (1\text{-DRE})$. b. Natural Gas: 0.0054 lb/MMBtu, AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998 7. SO2: a. Waste Gas: Material balance based on mass of vent gas flared and sulfur content in vent gas to flare. Equation: $\text{VENT GAS MASS TO FLARE} * \text{S CONTENT (WT\%)} / 100 * \text{MW SO2} / \text{MW S}$. b. Natural Gas: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $\text{NG FUEL MASS} * \text{S CONTENT NG (WT\%)} / 100 * \text{MW SO2} / \text{MW S}$. 8. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, “Fuel Oil Combustion,” 5/2010 and molecular weight ratio of H2SO4 and SO3 (98.08 g/mol / 80.06 g/mol). 9. Total HAPs (except e-rated n-hexane) for waste gas and natural gas: AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998, products of combustion. 10. 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. 11. Waste Gas HAPS from LGO/PFO Storage Tank Releases: ProMax derived emission factor. 12. CO2: a. Waste Gas: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO2} / \text{MW C} * \text{DRE}$. b. Natural Gas: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $\text{NG FUEL MASS} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO2} / \text{MW C}$. 13. CH4: a. Waste Gas: Material balance based on mass of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{CH4 CONTENT (WT\%)} / 100 * (1\text{-DRE})$. b. Natural Gas: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 14. N2O: a. Waste Gas: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. b. Natural Gas: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas 15. Thermal Oxidizer DRE: 99.99% May 2024 Stack Test	<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 8. Natural Gas Flow Rate (Nm3/hr) 9. Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density 10. Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) 11. Natural Gas Composition C1 – C6+ (%mol) 12. 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. 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 Trip Header 6. Natural Gas Mass: Calculated using Natural Gas Flow Rate and Density of Natural Gas 7. Heat Rate (MMBtu/hr): Natural Gas Mass and Natural Gas HHV 8. 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 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 mass of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: VENT GAS MASS TO FLARE * VOC CONTENT (WT%) / 100 * (1-DRE). - SO2: Material balance based on mass of vent gas flared and sulfur content in vent gas to flare. Equation: VENT GAS MASS TO FLARE * S CONTENT (WT%) / 100 * MW SO2 / MW S. - PM-filt, PM-cond, PM10, PM2.5, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. - n-Hexane: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf - CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: VENT GAS MASS TO FLARE * C CONTENT (WT%) / 100 * MW CO2 / MW C * DRE. - CH4: Material balance based on mass of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: VENT GAS MASS TO FLARE * CH4 CONTENT (WT%) / 100 * (1-DRE). - N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. - Flare DRE: 99% DRE for compounds containing three (3) or fewer carbon atoms and 98% for compounds with greater than three (3) carbon atoms, Texas Commission on Environmental Quality Air Permits Division, “New Source Review (NSR) Emission Calculations” (APD-ID 6v1, Revised March 2021).	<u>PI Inputs</u> - Vent Gas Mass to Flare – MPGF PE1/PE2 Header (kg/hr) - Supplemental Natural Gas Flow to Flare (Nm3/hr). - Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) - Total Vent Gas to Flare Composition (% mol), includes supplemental natural gas - Total Vent Gas to Flare Sulfur Content (% wt), includes supplemental natural gas <u>Calculated/Miscellaneous Inputs</u> - 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 mass of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: VENT GAS MASS TO FLARE * VOC CONTENT (WT%) / 100 * (1-DRE). - SO2: No Sulfur in Vent Gas; negligible amounts in natural gas. - PM-filt, PM-cond, PM10, PM2.5, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. - n-Hexane: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf - CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: VENT GAS MASS TO FLARE * C CONTENT (WT%) / 100 * MW CO2 / MW C * DRE. - CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. - N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. - Flare DRE: 99% DRE for compounds containing three (3) or fewer carbon atoms and 98% for compounds with greater than three (3) carbon atoms, Texas Commission on Environmental Quality Air Permits Division, “New Source Review (NSR) Emission Calculations” (APD-ID 6v1, Revised March 2021).	<u>PI Inputs</u> - Vent Gas Mass to Flare – MPGF Ethylene Tank Header (kg/hr) <u>Calculated/Miscellaneous Inputs</u> - 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.
204: Low Pressure (LP) Header System Multipoint Ground Flare (MPGF) Continuous Vent Thermal Oxidizer (CVTO) Trips Header	- NOx and CO: AP-42, Chapter 13.5, “Industrial Flares”, 2/2018. - VOC: Material balance based on mass of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: VENT GAS MASS TO FLARE * VOC CONTENT (WT%) / 100 * (1-DRE). - SO2: Material balance based on mass of vent gas flared and sulfur content in vent gas to flare. Equation: VENT GAS MASS TO FLARE * S CONTENT (WT%) / 100 * MW SO2 / MW S. - PM-filt, PM-cond, PM10, PM2.5, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. - n-Hexane: - Product of combustion: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf - Waste Gas: Material balance based on mass of vent gas recovery (VGR) of PE1/PE2 units and C6 inert composition, assuming all C6 inerts are n-hexane, or other assumptions after review from Production Group. VOC destruction efficiency used for outlet n-hexane emissions. - Waste Gas HAPS from LGO/PFO Storage Tank Releases: ProMax derived emission factor. - CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: VENT GAS MASS TO FLARE * C CONTENT (WT%) / 100 * MW CO2 / MW C * DRE. - CH4: Material balance based on mass of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: VENT GAS MASS TO FLARE * CH4 CONTENT (WT%) / 100 * (1-DRE). - N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. - Flare DRE: 99% DRE for compounds containing three (3) or fewer carbon atoms and 98% for compounds with greater than three (3) carbon atom, , Texas Commission on Environmental Quality Air Permits Division, “New Source Review (NSR) Emission Calculations” (APD-ID 6v1, Revised March 2021).	<u>PI Inputs</u> - Vent Gas Mass to Flare – MPGF CVTO Trip Header (kg/hr) - CVTO/MPGF CVTO Trip Header Vent Gas to Flare Composition (% mol) - CVTO/MPGF CVTO Trip Header Vent Gas Sulfur Content (% wt) - PE 1 and PE 2 VGR Mass Flow (kg/hr) - PE 1 and PE 2 VGR C6 inert composition (% mol) - LGO/PFO Blower Run Status <u>Calculated/Miscellaneous Inputs</u> - Molecular Weight of CVTO/MPGF CVTO Trip Header Vent Gas: CVTO/MPGF Header 3 Vent Gas Composition and Standard Molecular Weight of Constituents. - HHV of CVTO/MPGF CVTO Trip Header Vent Gas: CVTO/MPGF Header 3 Vent Gas Composition and Standard Heat of Combustion for Constituents. % Carbon by weight: CVTO/MPGF CVTO Trip Header Vent Gas Composition - Heat Input of Vent Gas to Flare: Vent Gas Mass to Flare and HHV of Vent Gas to Flare

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
204: Low Pressure (LP) Header System Multipoint Ground Flare (MPGF) Pilot (Natural Gas)	- NOx, CO, PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. - n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf - SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: 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 and molecular weight ratio of H2SO4 and SO3 (98.08 g/mol / 80.06 g/mol). - 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 2.47 MMBtu/hr based on design specifications. - Natural Gas Mass: Calculated using Pilot Heat Input, HHV of Natural Gas - Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition
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 ≥ 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 massy of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: VENT GAS MASS TO FLARE * VOC CONTENT (WT%) / 100 * (1-DRE). - SO2: Material balance based on mass of vent gas flared and sulfur content in vent gas to flare. Equation: VENT GAS MASS TO FLARE * S CONTENT (WT%) / 100 * MW SO2 / MW S. - PM-filt, PM-cond, PM10, PM2.5: 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: VENT GAS MASS TO FLARE * C CONTENT (WT%) / 100 * MW CO2 / MW C * DRE. - CH4: Material balance based on mass of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: VENT GAS MASS TO FLARE * CH4 CONTENT (WT%) / 100 * (1-DRE). - N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. - 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: 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 and molecular weight ratio of H2SO4 and SO3 (98.08g/mol / 80.06 g/mol). - 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) - 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 - TGEF #1 and #2: Constant at 1.105 MMBtu/hr per TEGF per design specifications. - Elevated Flare Pilot: Constant at 0.26 MMBtu/hr per design specifications] - 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 Waste Gas from Process Operation, including WEMCO and EC-15 and Natural Gas Primary Firing Fuel	1. NOx: 0.087 lb/MMBtu, May 2024 Stack Test 2. CO: 0.0176 lb/MMBtu, May 2024 Stack Test 3. PM-filt: 0.00047 lb/MMBtu, September 2024 Stack Test 4. PM-Cond: 0.00140 lb/MMBtu, September 2024 Stack Test 5. PM10 and PM2.5: 0.00187 lb/MMBtu, September 2024 Stack Test 6. VOC: a. Waste Gas (minus WEMCO/EC-15): 46.329 lb/MMBtu uncontrolled based on 3.2 g/Nm3 VOC design basis. [Feb. 2020 Update Plan Approval Application]; controlled based on Thermal Oxidizer DRE. b. Waste Gas (WEMCO/EC-15): Uncontrolled emissions using Pro/II Version 10.2.1; controlled based on Thermal Oxidizer DRE. c. Natural Gas: 0.00539 lb/MMBtu, AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998 7. HAPs Waste Gas (minus WEMCO/EC-15): a. 1,3 Butadiene: VOC=HAP and speciate VOC using ratio from the Feb. 2020 Update Plan Approval Application b. Benzene: May 2024 Stack Test subtracting out WEMCO/EC15 contribution since benzene emissions for those units will be calculated separately based on wastewater quality. 8. HAPS Waste Gas (WEMCO/EC-15): Uncontrolled emissions using Pro/II Version 10.2.1; controlled based on Thermal Oxidizer DRE. 9. HAPs (Product of Combustion) – all but n-hexane: AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998, except for n-hexane 10. n-Hexane (Products of Combustion): 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 11. SO2: a. Waste Gas: 0.0879 lb/MMBtu based on 0.05 g/Nm3 H2S, design basis. [Feb. 2020 Update Plan Approval Application] b. Natural Gas: 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 12. 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 and molecular weight ratio of H2SO4 and SO3 (98.08 g/mol / 80.06 g/mol). 13. CO2: a. Waste Gas: 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] b. Natural Gas: 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. 14. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 15. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 16. Thermal Oxidizer DRE: 99.99% May 2024 Stack Test	<u>Calculated/Miscellaneous Inputs</u> 1. Heat Rate: 0.7 MMBtu/hr [Design Basis Heat Input from VOC for Process Vents excluding WEMCO/EC-15 Units] 2. Heat Rate [Additional Heat Rate from WEMCO/EC-15 Units]: Calculated using VOC emissions from Pro/II Version 10.2.1 and the HHV of ethane, in MMBtu/hr. 3. Natural Gas Flow Rate (Nm3/hr) 4. Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density 5. Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) 6. Natural Gas Composition C1 – C6+ (%mol) 7. 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
104: Cogeneration Plant Cooling Tower	1. 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] 2. 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> 1. Water conductivity 2. Water Discharge Flow 3. Water Make-up Flow <u>Calculated/Miscellaneous Inputs</u> 1. Cogen Cooling Water TDS Sampling Results 2. Circulation Rate = Discharge Flow plus Make-Up Flow
203: Process Cooling Tower	1. 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] 2. 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] 3. VOC: Process Water VOC (ppmw)/1,000,000 * Circulation Rate (gal/hr) * 8.34 lb/gal (water density).	<u>PI Inputs</u> 1. Water conductivity 2. Water Discharge Flow 3. Water Make-up Flow <u>Calculated/Miscellaneous Inputs</u> 1. Circulation Rate = Discharge Flow plus Make-Up Flow 2. Process Cooling Water TDS Sampling Results 3. Process Cooling Water VOC Sampling Results

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
202: Polyethylene Manufacturing Lines	- PM-Filt: Outlet Grain Loading and Flow Rate or Vendor Emissions Estimations to yield an tons/day rate for all applicable units, except for the units detailed below. - Chromium: SDS % of PM for applicable units to yield a tons/day rate for applicable units, except for the units detailed below. - PM-Filt from PE 1 and PE 2 Pellet Dryer Vents (A-27010A, A-27010B, A-37010A, A-37010B): August 2023 Stack Test. - PM Filt from PE 3 Pellet Dryer Vent: September 2024 Stack Test - PM-Filt Catalyst Activator A PE 3: July 2024 Stack Test - PM-Filt Catalyst Activator B PE 3: September 2024 Stack Test - Chromium Catalyst Activator A and B PE 3: October 2024 Stack Test for Chromium	<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: ProMax Simulation software, or 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: 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)
304: Liquid Loadout (C3+, Butene, Isopentane, Isobutane, C3+ Ref)	VOC , HAP: 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 or ProMax Simulation Software.	<u>PI Inputs</u> - Truck Loading Connection Valve (Open/Close) <u>Calculated/Miscellaneous Inputs</u> - Manufacturer Hose Coupling Disconnect Factor (ml/disconnect)
305: Liquid Loadout (Coke Residue, Tar)	VOC/HAP: 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 or ProMax Simulation Software.	<u>Calculated/Miscellaneous Inputs</u> - Quantity of material loaded - Stream composition data from engineering heat and material balance (wt% VOC, HAP, CH4)
401-409: Storage Tanks	- 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. - Diesel VOC: VOC and HAP: AP-42 Chapter 7.1, “Organic Liquid Storage Tanks”, 6/2020. Insignificant emissions.	<u>Calculated/Miscellaneous Inputs</u> Diesel fuel throughput
501: Equipment Components	- VOC, CH4, HAP (unmonitored): EPA Protocol for Equipment Leak Emission Estimates Chapter 2.3 November 1995. SOCMI Average Emission Factors (lb/hr/src) * Equipment Type Count (src) * Chemical Composition (wt%VOC/CH4/HAP) * Operating Hours (hr). - VOC, CH4, HAP (monitored): EPA Protocol for Equipment Leak Emission Estimates Chapter 2.3 November 1995. SOCMI Leak Rate/Screening Value Correlation Equations, Leak Rate (lb) = Correlation Factor (lb/hr/src/ppm) * Screening Value Factor (ppm) * Equipment Type Count (src) * Chemical Composition (wt%VOC/CH4/HAP) * Operating Hours (hr).	<u>Calculated/Miscellaneous Inputs</u> - Monitored leak rates into Skybridge (ppm) - 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> - Wastewater flow rate to Biotreaters A/B <u>Calculated/Miscellaneous Inputs</u> - Wastewater composition data from laboratories. - 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> - Number of Trips - Road Length

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
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 and molecular weight ratio of H2SO4 and SO3 (98.08g/mol / 80.06 g/mol). 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
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.	<u>Data Inputs</u> 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
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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
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	7/26/2023
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

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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
MAL88	ECU/UGF	MPGF Ethylene Header VE	12/6/2024	7:07	12/6/2024	12:56	12/6/2024	2/6/2025 (follow-up) 1/6/2025
MAL89	UGF	Cogen 2 Nox Exceedance due to Loss of SCR Blower	1/21/2025	4:15	1/21/2025	5:00	1/22/2025	2/19/2025
MAL90a	ECU/UGF	TEGF A/B VE >5 minutes in a 2 hour period	3/13/2025	7:54	3/13/2025	8:29	3/13/2025	4/10/2025
MAL90b	ECU	Furnace 1, 2, 3, 4, and 5 VE >30% opacity	3/13/2025	11:34	3/13/2025	11:36	3/13/2025	4/10/2025
MAL91	UGF	Cogen 1 and 2 Nox Exceedance due to Ammonia Pump Trip	3/17/2025	22:57	3/17/2025	23:05	3/18/2025	4/10/2025
MAL92	ECU/UGF	HP Elevated Flare VE >5 minutes in a 2 hour period	3/28/2025	9:22	3/28/2025	10:00	3/28/2025	Forthcoming



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
1	3/12/2025	0.07	µg/m3	Naphthalene	
1	3/12/2025	1.1	µg/m3	1,3-Butadiene	
1	3/12/2025	0.60	µg/m3	Benzene	
1	3/12/2025	0.40	µg/m3	Toluene	
1	3/12/2025	0.42	µg/m3	n-Hexane	
1BLK	3/12/2025	0.07	µg/m3	Naphthalene	
1BLK	3/12/2025	0.14	µg/m3	1,3-Butadiene	
1BLK	3/12/2025	0.19	µg/m3	Benzene	
1BLK	3/12/2025	0.25	µg/m3	Toluene	
1BLK	3/12/2025	0.23	µg/m3	n-Hexane	
2	3/12/2025	0.07	µg/m3	Naphthalene	
2	3/12/2025	1.0	µg/m3	1,3-Butadiene	
2	3/12/2025	0.67	µg/m3	Benzene	
2	3/12/2025	0.71	µg/m3	Toluene	
2	3/12/2025	0.50	µg/m3	n-Hexane	
3	3/12/2025	0.07	µg/m3	Naphthalene	
3	3/12/2025	0.32	µg/m3	1,3-Butadiene	
3	3/12/2025	0.53	µg/m3	Benzene	
3	3/12/2025	0.36	µg/m3	Toluene	
3	3/12/2025	0.41	µg/m3	n-Hexane	
4	3/12/2025	0.07	µg/m3	Naphthalene	
4	3/12/2025	0.14	µg/m3	1,3-Butadiene	
4	3/12/2025	0.60	µg/m3	Benzene	
4	3/12/2025	0.46	µg/m3	Toluene	
4	3/12/2025	0.33	µg/m3	n-Hexane	
5	3/12/2025	0.07	µg/m3	Naphthalene	
5	3/12/2025	0.14	µg/m3	1,3-Butadiene	
5	3/12/2025	0.50	µg/m3	Benzene	
5	3/12/2025	0.39	µg/m3	Toluene	
5	3/12/2025	0.32	µg/m3	n-Hexane	
6	3/12/2025	0.07	µg/m3	Naphthalene	
6	3/12/2025	0.14	µg/m3	1,3-Butadiene	
6	3/12/2025	0.49	µg/m3	Benzene	
6	3/12/2025	0.36	µg/m3	Toluene	
6	3/12/2025	0.31	µg/m3	n-Hexane	
7	3/12/2025	0.07	µg/m3	Naphthalene	
7	3/12/2025	0.14	µg/m3	1,3-Butadiene	
7	3/12/2025	0.60	µg/m3	Benzene	
7	3/12/2025	0.70	µg/m3	Toluene	
7	3/12/2025	0.37	µg/m3	n-Hexane	
8	3/12/2025	0.09	µg/m3	Naphthalene	
8	3/12/2025	0.14	µg/m3	1,3-Butadiene	
8	3/12/2025	0.54	µg/m3	Benzene	
8	3/12/2025	0.48	µg/m3	Toluene	
8	3/12/2025	0.32	µg/m3	n-Hexane	
9	3/12/2025	0.07	µg/m3	Naphthalene	
9	3/12/2025	0.14	µg/m3	1,3-Butadiene	
9	3/12/2025	0.47	µg/m3	Benzene	
9	3/12/2025	0.35	µg/m3	Toluene	
9	3/12/2025	0.27	µg/m3	n-Hexane	
10	3/12/2025	0.07	µg/m3	Naphthalene	
10	3/12/2025	0.14	µg/m3	1,3-Butadiene	
10	3/12/2025	0.62	µg/m3	Benzene	
10	3/12/2025	0.41	µg/m3	Toluene	
10	3/12/2025	0.32	µg/m3	n-Hexane	
11	3/12/2025	0.09	µg/m3	Naphthalene	
11	3/12/2025	0.14	µg/m3	1,3-Butadiene	
11	3/12/2025	0.44	µg/m3	Benzene	
11	3/12/2025	0.31	µg/m3	Toluene	
11	3/12/2025	0.23	µg/m3	n-Hexane	
11DUP	3/12/2025	0.07	µg/m3	Naphthalene	
11DUP	3/12/2025	0.14	µg/m3	1,3-Butadiene	
11DUP	3/12/2025	0.46	µg/m3	Benzene	
11DUP	3/12/2025	0.30	µg/m3	Toluene	
11DUP	3/12/2025	0.24	µg/m3	n-Hexane	
12	3/12/2025	0.07	µg/m3	Naphthalene	
12	3/12/2025	0.14	µg/m3	1,3-Butadiene	
12	3/12/2025	0.44	µg/m3	Benzene	



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
12	3/12/2025	0.31	µg/m3	Toluene	
12	3/12/2025	0.23	µg/m3	n-Hexane	
12BLK	3/12/2025	0.07	µg/m3	Naphthalene	
12BLK	3/12/2025	0.14	µg/m3	1,3-Butadiene	
12BLK	3/12/2025	0.19	µg/m3	Benzene	
12BLK	3/12/2025	0.25	µg/m3	Toluene	
12BLK	3/12/2025	0.23	µg/m3	n-Hexane	
13	3/12/2025	0.07	µg/m3	Naphthalene	
13	3/12/2025	0.14	µg/m3	1,3-Butadiene	
13	3/12/2025	0.46	µg/m3	Benzene	
13	3/12/2025	0.30	µg/m3	Toluene	
13	3/12/2025	0.23	µg/m3	n-Hexane	
14	3/12/2025	0.07	µg/m3	Naphthalene	
14	3/12/2025	0.14	µg/m3	1,3-Butadiene	
14	3/12/2025	0.45	µg/m3	Benzene	
14	3/12/2025	0.34	µg/m3	Toluene	
14	3/12/2025	0.24	µg/m3	n-Hexane	
14DUP	3/12/2025	0.07	µg/m3	Naphthalene	
14DUP	3/12/2025	0.14	µg/m3	1,3-Butadiene	
14DUP	3/12/2025	0.45	µg/m3	Benzene	
14DUP	3/12/2025	0.33	µg/m3	Toluene	
14DUP	3/12/2025	0.24	µg/m3	n-Hexane	
15	3/12/2025	0.07	µg/m3	Naphthalene	
15	3/12/2025	0.14	µg/m3	1,3-Butadiene	
15	3/12/2025	0.53	µg/m3	Benzene	
15	3/12/2025	0.34	µg/m3	Toluene	
15	3/12/2025	0.23	µg/m3	n-Hexane	
16	3/12/2025	0.07	µg/m3	Naphthalene	
16	3/12/2025	0.14	µg/m3	1,3-Butadiene	
16	3/12/2025	0.52	µg/m3	Benzene	
16	3/12/2025	0.36	µg/m3	Toluene	
16	3/12/2025	0.25	µg/m3	n-Hexane	
17	3/12/2025	0.07	µg/m3	Naphthalene	
17	3/12/2025	0.14	µg/m3	1,3-Butadiene	
17	3/12/2025	0.51	µg/m3	Benzene	
17	3/12/2025	0.36	µg/m3	Toluene	
17	3/12/2025	0.27	µg/m3	n-Hexane	
18	3/12/2025	0.07	µg/m3	Naphthalene	
18	3/12/2025	0.14	µg/m3	1,3-Butadiene	
18	3/12/2025	0.50	µg/m3	Benzene	
18	3/12/2025	0.37	µg/m3	Toluene	
18	3/12/2025	0.28	µg/m3	n-Hexane	
19	3/12/2025	0.07	µg/m3	Naphthalene	
19	3/12/2025	0.14	µg/m3	1,3-Butadiene	
19	3/12/2025	0.53	µg/m3	Benzene	
19	3/12/2025	0.38	µg/m3	Toluene	
19	3/12/2025	0.32	µg/m3	n-Hexane	
20	3/12/2025	0.07	µg/m3	Naphthalene	
20	3/12/2025	0.14	µg/m3	1,3-Butadiene	
20	3/12/2025	0.50	µg/m3	Benzene	
20	3/12/2025	0.38	µg/m3	Toluene	
20	3/12/2025	0.35	µg/m3	n-Hexane	
		High Benzene Reading µg/m3:	0.67		
		Low Benzene Reading µg/m3:	0.44		
		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	3/26/2025	0.07	µg/m3	Naphthalene	
1	3/26/2025	0.14	µg/m3	1,3-Butadiene	
1	3/26/2025	0.55	µg/m3	Benzene	
1	3/26/2025	0.46	µg/m3	Toluene	
1	3/26/2025	0.37	µg/m3	n-Hexane	
1BLK	3/26/2025	0.07	µg/m3	Naphthalene	
1BLK	3/26/2025	0.14	µg/m3	1,3-Butadiene	
1BLK	3/26/2025	0.19	µg/m3	Benzene	
1BLK	3/26/2025	0.24	µg/m3	Toluene	
1BLK	3/26/2025	0.23	µg/m3	n-Hexane	
2	3/26/2025	0.07	µg/m3	Naphthalene	
2	3/26/2025	0.14	µg/m3	1,3-Butadiene	
2	3/26/2025	0.49	µg/m3	Benzene	
2	3/26/2025	0.41	µg/m3	Toluene	
2	3/26/2025	0.37	µg/m3	n-Hexane	
3	3/26/2025	0.07	µg/m3	Naphthalene	
3	3/26/2025	0.14	µg/m3	1,3-Butadiene	
3	3/26/2025	0.46	µg/m3	Benzene	
3	3/26/2025	0.39	µg/m3	Toluene	
3	3/26/2025	0.36	µg/m3	n-Hexane	
4	3/26/2025	0.07	µg/m3	Naphthalene	
4	3/26/2025	0.14	µg/m3	1,3-Butadiene	
4	3/26/2025	0.52	µg/m3	Benzene	
4	3/26/2025	0.47	µg/m3	Toluene	
4	3/26/2025	0.33	µg/m3	n-Hexane	
5	3/26/2025	0.07	µg/m3	Naphthalene	
5	3/26/2025	0.14	µg/m3	1,3-Butadiene	
5	3/26/2025	0.46	µg/m3	Benzene	
5	3/26/2025	0.38	µg/m3	Toluene	
5	3/26/2025	0.30	µg/m3	n-Hexane	
6	3/26/2025	0.07	µg/m3	Naphthalene	
6	3/26/2025	0.14	µg/m3	1,3-Butadiene	
6	3/26/2025	0.42	µg/m3	Benzene	
6	3/26/2025	0.35	µg/m3	Toluene	
6	3/26/2025	0.28	µg/m3	n-Hexane	
7	3/26/2025	0.07	µg/m3	Naphthalene	
7	3/26/2025	0.14	µg/m3	1,3-Butadiene	
7	3/26/2025	0.52	µg/m3	Benzene	
7	3/26/2025	0.54	µg/m3	Toluene	
7	3/26/2025	0.28	µg/m3	n-Hexane	
8	3/26/2025	0.07	µg/m3	Naphthalene	
8	3/26/2025	0.14	µg/m3	1,3-Butadiene	
8	3/26/2025	0.51	µg/m3	Benzene	
8	3/26/2025	0.47	µg/m3	Toluene	
8	3/26/2025	0.31	µg/m3	n-Hexane	
9	3/26/2025	0.07	µg/m3	Naphthalene	
9	3/26/2025	0.14	µg/m3	1,3-Butadiene	
9	3/26/2025	0.42	µg/m3	Benzene	
9	3/26/2025	0.36	µg/m3	Toluene	
9	3/26/2025	0.30	µg/m3	n-Hexane	
10	3/26/2025	0.07	µg/m3	Naphthalene	
10	3/26/2025	0.14	µg/m3	1,3-Butadiene	
10	3/26/2025	0.55	µg/m3	Benzene	
10	3/26/2025	0.40	µg/m3	Toluene	
10	3/26/2025	0.31	µg/m3	n-Hexane	
11	3/26/2025	0.07	µg/m3	Naphthalene	
11	3/26/2025	0.14	µg/m3	1,3-Butadiene	
11	3/26/2025	0.58	µg/m3	Benzene	
11	3/26/2025	0.38	µg/m3	Toluene	
11	3/26/2025	0.26	µg/m3	n-Hexane	
11DUP	3/26/2025	0.07	µg/m3	Naphthalene	
11DUP	3/26/2025	0.14	µg/m3	1,3-Butadiene	
11DUP	3/26/2025	0.54	µg/m3	Benzene	
11DUP	3/26/2025	0.34	µg/m3	Toluene	
11DUP	3/26/2025	0.25	µg/m3	n-Hexane	
12	3/26/2025	0.07	µg/m3	Naphthalene	
12	3/26/2025	0.14	µg/m3	1,3-Butadiene	
12	3/26/2025	0.42	µg/m3	Benzene	



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
12	3/26/2025	0.34	µg/m3	Toluene	
12	3/26/2025	0.23	µg/m3	n-Hexane	
12BLK	3/26/2025	0.07	µg/m3	Naphthalene	
12BLK	3/26/2025	0.14	µg/m3	1,3-Butadiene	
12BLK	3/26/2025	0.19	µg/m3	Benzene	
12BLK	3/26/2025	0.24	µg/m3	Toluene	
12BLK	3/26/2025	0.23	µg/m3	n-Hexane	
13	3/26/2025	0.07	µg/m3	Naphthalene	
13	3/26/2025	0.14	µg/m3	1,3-Butadiene	
13	3/26/2025	0.40	µg/m3	Benzene	
13	3/26/2025	0.32	µg/m3	Toluene	
13	3/26/2025	0.23	µg/m3	n-Hexane	
14	3/26/2025	0.07	µg/m3	Naphthalene	
14	3/26/2025	0.43	µg/m3	1,3-Butadiene	
14	3/26/2025	5.5	µg/m3	Benzene	
14	3/26/2025	1.9	µg/m3	Toluene	
14	3/26/2025	0.24	µg/m3	n-Hexane	
14DUP	3/26/2025	0.07	µg/m3	Naphthalene	
14DUP	3/26/2025	0.38	µg/m3	1,3-Butadiene	
14DUP	3/26/2025	5.2	µg/m3	Benzene	
14DUP	3/26/2025	1.8	µg/m3	Toluene	
14DUP	3/26/2025	0.24	µg/m3	n-Hexane	
15	3/26/2025	0.07	µg/m3	Naphthalene	
15	3/26/2025	0.14	µg/m3	1,3-Butadiene	
15	3/26/2025	0.41	µg/m3	Benzene	
15	3/26/2025	0.35	µg/m3	Toluene	
15	3/26/2025	0.24	µg/m3	n-Hexane	
16	3/26/2025	0.07	µg/m3	Naphthalene	
16	3/26/2025	0.14	µg/m3	1,3-Butadiene	
16	3/26/2025	0.59	µg/m3	Benzene	
16	3/26/2025	0.45	µg/m3	Toluene	
16	3/26/2025	0.24	µg/m3	n-Hexane	
17	3/26/2025	0.07	µg/m3	Naphthalene	
17	3/26/2025	0.14	µg/m3	1,3-Butadiene	
17	3/26/2025	0.44	µg/m3	Benzene	
17	3/26/2025	0.38	µg/m3	Toluene	
17	3/26/2025	0.23	µg/m3	n-Hexane	
18	3/26/2025	0.07	µg/m3	Naphthalene	
18	3/26/2025	0.14	µg/m3	1,3-Butadiene	
18	3/26/2025	0.50	µg/m3	Benzene	
18	3/26/2025	0.46	µg/m3	Toluene	
18	3/26/2025	0.33	µg/m3	n-Hexane	
19	3/26/2025	0.07	µg/m3	Naphthalene	
19	3/26/2025	0.14	µg/m3	1,3-Butadiene	
19	3/26/2025	0.51	µg/m3	Benzene	
19	3/26/2025	0.44	µg/m3	Toluene	
19	3/26/2025	0.34	µg/m3	n-Hexane	
20	3/26/2025	0.07	µg/m3	Naphthalene	
20	3/26/2025	0.14	µg/m3	1,3-Butadiene	
20	3/26/2025	0.45	µg/m3	Benzene	
20	3/26/2025	0.42	µg/m3	Toluene	
20	3/26/2025	0.38	µg/m3	n-Hexane	
		High Benzene Reading µg/m3:	5.5		
		Low Benzene Reading µg/m3:	0.40		
		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)

03/01/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/01/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/01/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/01/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	78	0.0040	3.9743	0:00	94	0.0819	81.8975	0:00	N/A	0	0.0000	0:00	51	0.0000	0.0000	
0:15	78	0.0044	4.3540	0:15	94	0.0820	82.0260	0:15	N/A	0	0.0000	0:15	51	0.0000	0.0000	
0:30	78	0.0057	5.7270	0:30	94	0.0752	75.2302	0:30	N/A	0	0.0000	0:30	51	0.0000	0.0000	
0:45	78	0.0067	6.7272	0:45	94	0.0541	54.1461	0:45	N/A	0	0.0000	0:45	51	0.0000	0.0000	
1:00	78	0.0069	6.9089	1:00	94	0.0695	69.4693	1:00	N/A	0	0.0000	1:00	51	0.0000	0.0000	
1:15	78	0.0083	8.3056	1:15	94	0.0282	28.2352	1:15	N/A	0	0.0000	1:15	51	0.0000	0.0000	
1:30	78	0.0078	7.8004	1:30	94	0.0782	78.1762	1:30	N/A	0	0.0000	1:30	51	0.0000	0.0000	
1:45	78	0.0053	5.2598	1:45	94	0.0789	78.9100	1:45	N/A	0	0.0000	1:45	51	0.0000	0.0000	
2:00	78	0.0066	6.6095	2:00	94	0.0623	62.2618	2:00	N/A	0	0.0000	2:00	51	0.0000	0.0000	
2:15	78	0.0056	5.6453	2:15	94	0.0273	27.3179	2:15	N/A	0	0.0000	2:15	51	0.0000	0.0000	
2:30	78	0.0056	5.5896	2:30	94	0.0412	41.1658	2:30	N/A	0	0.0000	2:30	51	0.0000	0.0000	
2:45	78	0.0057	5.6712	2:45	94	0.0648	64.7745	2:45	N/A	0	0.0000	2:45	51	0.0000	0.0000	
3:00	78	0.0062	6.2122	3:00	94	0.0521	52.0601	3:00	N/A	0	0.0000	3:00	51	0.0000	0.0000	
3:15	78	0.0054	5.4290	3:15	94	0.0716	71.6433	3:15	N/A	0	0.0000	3:15	51	0.0000	0.0000	
3:30	78	0.0054	5.3525	3:30	94	0.0682	68.2020	3:30	N/A	0	0.0000	3:30	51	0.0000	0.0000	
3:45	78	0.0054	5.4450	3:45	94	0.0510	50.9596	3:45	N/A	0	0.0000	3:45	51	0.0000	0.0000	
4:00	78	0.0053	5.3103	4:00	94	0.0385	38.5056	4:00	N/A	0	0.0000	4:00	51	0.0000	0.0000	
4:15	78	0.0054	5.3583	4:15	94	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	51	0.0000	0.0000	
4:30	78	0.0042	4.2476	4:30	94	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	51	0.0000	0.0000	
4:45	78	0.0048	4.8185	4:45	94	0.0436	43.6477	4:45	N/A	0	0.0000	4:45	51	0.0000	0.0000	
5:00	78	0.0043	4.2959	5:00	94	0.0683	68.2700	5:00	N/A	0	0.0000	5:00	51	0.0000	0.0000	
5:15	78	0.0057	5.7403	5:15	94	0.0625	62.5222	5:15	N/A	0	0.0000	5:15	51	0.0000	0.0000	
5:30	78	0.0056	5.6448	5:30	94	0.0523	52.2514	5:30	N/A	0	0.0000	5:30	51	0.0000	0.0000	
5:45	78	0.0059	5.9010	5:45	94	0.0675	67.4515	5:45	N/A	0	0.0000	5:45	51	0.0000	0.0000	
6:00	78	0.0059	5.9458	6:00	94	0.0675	67.4515	6:00	N/A	0	0.0000	6:00	51	0.0000	0.0000	
6:15	78	0.0058	5.8403	6:15	94	0.0449	44.9146	6:15	N/A	0	0.0000	6:15	51	0.0000	0.0000	
6:30	78	0.0056	5.5848	6:30	94	0.0249	24.8645	6:30	N/A	0	0.0000	6:30	51	0.0000	0.0000	
6:45	78	0.0051	5.1123	6:45	94	0.0171	17.1305	6:45	N/A	0	0.0000	6:45	51	0.0000	0.0000	
7:00	78	0.0051	5.1108	7:00	94	0.0240	23.9656	7:00	N/A	0	0.0000	7:00	51	0.0000	0.0000	
7:15	78	0.0060	5.9736	7:15	94	0.0536	53.6158	7:15	N/A	0	0.0000	7:15	51	0.0000	0.0000	
7:30	78	0.0059	5.8725	7:30	94	0.0615	61.4555	7:30	N/A	0	0.0000	7:30	51	0.0000	0.0000	
7:45	78	0.0058	5.8182	7:45	94	0.0236	23.6188	7:45	N/A	0	0.0000	7:45	51	0.0000	0.0000	
8:00	78	0.0058	5.7963	8:00	94	0.0204	20.4451	8:00	N/A	0	0.0000	8:00	51	0.0000	0.0000	
8:15	78	0.0057	5.6792	8:15	94	0.0018	1.8187	8:15	N/A	0	0.0000	8:15	51	0.0000	0.0000	
8:30	78	0.0055	5.4974	8:30	94	0.0000	0.0148	8:30	N/A	0	0.0000	8:30	51	0.0000	0.0000	
8:45	78	0.0055	5.5244	8:45	94	0.0159	15.9027	8:45	N/A	0	0.0000	8:45	51	0.0000	0.0000	
9:00	78	0.0056	5.6402	9:00	94	0.0165	16.4542	9:00	N/A	0	0.0000	9:00	51	0.0000	0.0000	
9:15	78	0.0056	5.6329	9:15	94	0.0273	27.3300	9:15	N/A	0	0.0000	9:15	51	0.0000	0.0000	
9:30	78	0.0056	5.5614	9:30	94	0.0427	42.6969	9:30	N/A	0	0.0000	9:30	51	0.0000	0.0000	
9:45	78	0.0059	5.8624	9:45	94	0.0236	23.6412	9:45	N/A	0	0.0000	9:45	51	0.0000	0.0000	
10:00	78	0.0056	5.5681	10:00	94	0.0268	26.8188	10:00	N/A	0	0.0000	10:00	51	0.0000	0.0000	
10:15	78	0.0052	5.1625	10:15	94	0.0253	25.2887	10:15	N/A	0	0.0000	10:15	51	0.0000	0.0000	
10:30	78	0.0036	3.6311	10:30	94	0.0342	34.1578	10:30	N/A	0	0.0000	10:30	51	0.0000	0.0000	
10:45	78	0.0045	4.5378	10:45	94	0.0263	26.3039	10:45	N/A	0	0.0000	10:45	51	0.0000	0.0000	
11:00	78	0.0045	4.5210	11:00	94	0.0199	19.9224	11:00	N/A	0	0.0000	11:00	51	0.0000	0.0000	
11:15	78	0.0040	4.0063	11:15	94	0.0090	8.9585	11:15	N/A	0	0.0000	11:15	51	0.0000	0.0000	
11:30	78	0.0027	2.6600	11:30	94	0.0087	8.7092	11:30	N/A	0	0.0000	11:30	51	0.0000	0.0000	
11:45	78	0.0033	3.2780	11:45	94	0.0112	11.2018	11:45	N/A	0	0.0000	11:45	51	0.0000	0.0000	

12:00	78	0.0018	1.7511	12:00	94	0.0112	11.2018	12:00	N/A	0	0.0000	12:00	51	0.0000	0.0000	
12:15	78	0.0015	1.5425	12:15	94	0.0112	11.1966	12:15	N/A	0	0.0000	12:15	51	0.0000	0.0000	
12:30	78	0.0015	1.5262	12:30	94	0.0048	4.8148	12:30	N/A	0	0.0000	12:30	51	0.0000	0.0000	
12:45	78	0.0004	0.4339	12:45	94	0.0037	3.7244	12:45	N/A	0	0.0000	12:45	51	0.0000	0.0000	
13:00	78	0.0011	1.1202	13:00	94	0.0018	1.7734	13:00	N/A	0	0.0000	13:00	51	0.0000	0.0000	
13:15	78	0.0011	1.0966	13:15	94	0.0007	0.6626	13:15	N/A	0	0.0000	13:15	51	0.0000	0.0000	
13:30	78	0.0012	1.2264	13:30	94	0.0007	0.7266	13:30	N/A	0	0.0000	13:30	51	0.0000	0.0000	
13:45	78	0.0006	0.5867	13:45	94	0.0004	0.4005	13:45	N/A	0	0.0000	13:45	51	0.0000	0.0000	
14:00	78	0.0005	0.5480	14:00	94	0.0004	0.4386	14:00	N/A	0	0.0000	14:00	51	0.0000	0.0000	
14:15	78	0.0000	0.0488	14:15	94	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	51	0.0000	0.0000	
14:30	78	0.0000	0.0000	14:30	94	0.0002	0.2461	14:30	N/A	0	0.0000	14:30	51	0.0000	0.0000	
14:45	78	0.0000	0.0000	14:45	94	0.0007	0.6939	14:45	N/A	0	0.0000	14:45	51	0.0000	0.0000	
15:00	78	0.0000	0.0000	15:00	94	0.0000	0.0000	15:00	N/A	0	0.0000	15:00	51	0.0000	0.0000	
15:15	78	0.0000	0.0000	15:15	94	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	51	0.0000	0.0000	
15:30	78	0.0000	0.0000	15:30	94	0.0000	0.0000	15:30	N/A	0	0.0000	15:30	51	0.0000	0.0000	
15:45	78	0.0000	0.0000	15:45	94	0.0000	0.0000	15:45	N/A	0	0.0000	15:45	51	0.0000	0.0000	
16:00	78	0.0000	0.0000	16:00	94	0.0000	0.0000	16:00	N/A	0	0.0000	16:00	51	0.0000	0.0000	
16:15	78	0.0000	0.0000	16:15	94	0.0000	0.0000	16:15	N/A	0	0.0000	16:15	51	0.0000	0.0000	
16:30	78	0.0000	0.0000	16:30	94	0.0000	0.0000	16:30	N/A	0	0.0000	16:30	51	0.0000	0.0000	
16:45	78	0.0000	0.0000	16:45	94	0.0000	0.0000	16:45	N/A	0	0.0000	16:45	51	0.0000	0.0000	
17:00	78	0.0000	0.0000	17:00	94	0.0000	0.0000	17:00	N/A	0	0.0000	17:00	51	0.0000	0.0000	
17:15	78	0.0000	0.0000	17:15	94	0.0000	0.0000	17:15	N/A	0	0.0000	17:15	51	0.0000	0.0000	
17:30	78	0.0000	0.0000	17:30	94	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	51	0.0000	0.0000	
17:45	78	0.0000	0.0000	17:45	94	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	51	0.0000	0.0000	
18:00	78	0.0000	0.0000	18:00	94	0.0000	0.0000	18:00	N/A	0	0.0000	18:00	51	0.0000	0.0000	
18:15	78	0.0000	0.0000	18:15	94	0.0000	0.0000	18:15	N/A	0	0.0000	18:15	51	0.0000	0.0000	
18:30	78	0.0000	0.0000	18:30	94	0.0000	0.0000	18:30	N/A	0	0.0000	18:30	51	0.0000	0.0000	
18:45	78	0.0000	0.0000	18:45	94	0.0000	0.0000	18:45	N/A	0	0.0000	18:45	51	0.0000	0.0000	
19:00	78	0.0000	0.0000	19:00	94	0.0000	0.0000	19:00	N/A	0	0.0000	19:00	51	0.0000	0.0000	
19:15	78	0.0000	0.0000	19:15	94	0.0000	0.0000	19:15	N/A	0	0.0000	19:15	51	0.0000	0.0000	
19:30	78	0.0000	0.0000	19:30	94	0.0000	0.0000	19:30	N/A	0	0.0000	19:30	51	0.0000	0.0000	
19:45	78	0.0000	0.0000	19:45	94	0.0000	0.0000	19:45	N/A	0	0.0000	19:45	51	0.0000	0.0000	
20:00	78	0.0000	0.0000	20:00	94	0.0000	0.0000	20:00	N/A	0	0.0000	20:00	51	0.0000	0.0000	
20:15	78	0.0000	0.0000	20:15	94	0.0000	0.0000	20:15	N/A	0	0.0000	20:15	51	0.0000	0.0000	
20:30	78	0.0000	0.0000	20:30	94	0.0000	0.0000	20:30	N/A	0	0.0000	20:30	51	0.0000	0.0000	
20:45	78	0.0000	0.0000	20:45	94	0.0000	0.0000	20:45	N/A	0	0.0000	20:45	51	0.0000	0.0000	
21:00	78	0.0000	0.0000	21:00	94	0.0000	0.0000	21:00	N/A	0	0.0000	21:00	51	0.0000	0.0000	
21:15	78	0.0000	0.0000	21:15	94	0.0000	0.0000	21:15	N/A	0	0.0000	21:15	51	0.0000	0.0000	
21:30	78	0.0000	0.0000	21:30	94	0.0000	0.0000	21:30	N/A	0	0.0000	21:30	51	0.0000	0.0000	
21:45	78	0.0000	0.0000	21:45	94	0.0000	0.0000	21:45	N/A	0	0.0000	21:45	51	0.0000	0.0000	
22:00	78	0.0000	0.0000	22:00	94	0.0000	0.0000	22:00	N/A	0	0.0000	22:00	51	0.0000	0.0000	
22:15	78	0.0000	0.0000	22:15	94	0.0000	0.0000	22:15	N/A	0	0.0000	22:15	51	0.0000	0.0000	
22:30	78	0.0000	0.0000	22:30	94	0.0000	0.0000	22:30	N/A	0	0.0000	22:30	51	0.0000	0.0000	
22:45	78	0.0000	0.0000	22:45	94	0.0000	0.0000	22:45	N/A	0	0.0000	22:45	51	0.0000	0.0000	
23:00	78	0.0000	0.0000	23:00	94	0.0000	0.0000	23:00	N/A	0	0.0000	23:00	51	0.0000	0.0000	
23:15	78	0.0000	0.0000	23:15	94	0.0000	0.0000	23:15	N/A	0	0.0000	23:15	51	0.0000	0.0000	
23:30	78	0.0000	0.0000	23:30	94	0.0000	0.0000	23:30	N/A	0	0.0000	23:30	51	0.0000	0.0000	
23:45	78	0.0000	0.0000	23:45	94	0.0000	0.0000	23:45	N/A	0	0.0000	23:45	51	0.0000	0.0000	



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

03/02/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/02/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/02/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/02/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	78	0.0000	0.0000	0:00	94	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	51	0.0000	0.0000	
0:15	78	0.0000	0.0000	0:15	94	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	51	0.0000	0.0000	
0:30	78	0.0000	0.0000	0:30	94	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	51	0.0000	0.0000	
0:45	78	0.0000	0.0000	0:45	94	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	51	0.0000	0.0000	
1:00	78	0.0000	0.0000	1:00	94	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	51	0.0000	0.0000	
1:15	78	0.0000	0.0000	1:15	94	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	51	0.0000	0.0000	
1:30	78	0.0000	0.0000	1:30	94	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	51	0.0000	0.0000	
1:45	78	0.0000	0.0000	1:45	94	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	51	0.0000	0.0000	
2:00	78	0.0000	0.0000	2:00	94	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	51	0.0000	0.0000	
2:15	78	0.0000	0.0000	2:15	94	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	51	0.0000	0.0000	
2:30	78	0.0000	0.0000	2:30	94	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	51	0.0000	0.0000	
2:45	78	0.0000	0.0000	2:45	94	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	51	0.0000	0.0000	
3:00	78	0.0000	0.0000	3:00	94	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	51	0.0000	0.0000	
3:15	78	0.0000	0.0000	3:15	94	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	51	0.0000	0.0000	
3:30	78	0.0000	0.0000	3:30	94	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	51	0.0000	0.0000	
3:45	78	0.0000	0.0000	3:45	94	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	51	0.0000	0.0000	
4:00	78	0.0000	0.0000	4:00	94	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	51	0.0000	0.0000	
4:15	78	0.0000	0.0000	4:15	94	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	51	0.0000	0.0000	
4:30	78	0.0000	0.0000	4:30	94	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	51	0.0000	0.0000	
4:45	78	0.0000	0.0000	4:45	94	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	51	0.0000	0.0000	
5:00	78	0.0000	0.0000	5:00	94	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	51	0.0000	0.0000	
5:15	78	0.0000	0.0000	5:15	94	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	51	0.0000	0.0000	
5:30	78	0.0000	0.0000	5:30	94	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	51	0.0000	0.0000	
5:45	78	0.0000	0.0000	5:45	94	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	51	0.0000	0.0000	
6:00	78	0.0000	0.0000	6:00	94	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	51	0.0000	0.0000	
6:15	78	0.0000	0.0000	6:15	94	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	51	0.0000	0.0000	
6:30	78	0.0000	0.0000	6:30	94	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	51	0.0000	0.0000	
6:45	78	0.0000	0.0000	6:45	94	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	51	0.0000	0.0000	
7:00	78	0.0000	0.0000	7:00	94	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	51	0.0000	0.0000	
7:15	78	0.0000	0.0000	7:15	94	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	51	0.0000	0.0000	
7:30	78	0.0000	0.0000	7:30	94	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	51	0.0000	0.0000	
7:45	78	0.0000	0.0000	7:45	94	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	51	0.0000	0.0000	
8:00	78	0.0000	0.0000	8:00	94	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	51	0.0000	0.0000	
8:15	78	0.0000	0.0000	8:15	94	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	51	0.0000	0.0000	
8:30	78	0.0000	0.0000	8:30	94	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	51	0.0000	0.0000	
8:45	78	0.0000	0.0000	8:45	94	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	51	0.0000	0.0000	
9:00	78	0.0000	0.0000	9:00	94	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	51	0.0000	0.0000	
9:15	78	0.0000	0.0000	9:15	94	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	51	0.0000	0.0000	
9:30	78	0.0000	0.0000	9:30	94	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	51	0.0000	0.0000	
9:45	78	0.0000	0.0000	9:45	94	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	51	0.0000	0.0000	
10:00	78	0.0000	0.0000	10:00	94	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	51	0.0000	0.0000	
10:15	78	0.0000	0.0000	10:15	94	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	51	0.0000	0.0000	
10:30	78	0.0000	0.0000	10:30	94	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	51	0.0000	0.0000	
10:45	78	0.0000	0.0000	10:45	94	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	51	0.0000	0.0000	
11:00	78	0.0000	0.0000	11:00	94	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	51	0.0000	0.0000	
11:15	78	0.0000	0.0000	11:15	94	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	51	0.0000	0.0000	
11:30	78	0.0000	0.0000	11:30	94	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	51	0.0000	0.0000	
11:45	78	0.0000	0.0000	11:45	94	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	51	0.0000	0.0000	

12:00	78	0.0000	0.0000	12:00	94	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	51	0.0000	0.0000	
12:15	78	0.0000	0.0000	12:15	94	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	51	0.0000	0.0000	
12:30	78	0.0000	0.0000	12:30	94	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	51	0.0000	0.0000	
12:45	78	0.0000	0.0000	12:45	94	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	51	0.0000	0.0000	
13:00	78	0.0000	0.0000	13:00	94	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	51	0.0000	0.0000	
13:15	78	0.0000	0.0000	13:15	94	0.0000	0.0000	13:15	N/A	0	0.0000	13:15	51	0.0000	0.0000	
13:30	78	0.0000	0.0000	13:30	94	0.0000	0.0000	13:30	N/A	0	0.0000	13:30	51	0.0000	0.0000	
13:45	78	0.0000	0.0000	13:45	94	0.0000	0.0000	13:45	N/A	0	0.0000	13:45	51	0.0000	0.0000	
14:00	78	0.0000	0.0000	14:00	94	0.0000	0.0000	14:00	N/A	0	0.0000	14:00	51	0.0000	0.0000	
14:15	78	0.0000	0.0000	14:15	94	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	51	0.0000	0.0000	
14:30	78	0.0000	0.0000	14:30	94	0.0000	0.0000	14:30	N/A	0	0.0000	14:30	51	0.0000	0.0000	
14:45	78	0.0000	0.0000	14:45	94	0.0000	0.0000	14:45	N/A	0	0.0000	14:45	51	0.0000	0.0000	
15:00	78	0.0000	0.0000	15:00	94	0.0000	0.0000	15:00	N/A	0	0.0000	15:00	51	0.0000	0.0000	
15:15	78	0.0000	0.0000	15:15	94	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	51	0.0000	0.0000	
15:30	78	0.0000	0.0000	15:30	94	0.0000	0.0000	15:30	N/A	0	0.0000	15:30	51	0.0000	0.0000	
15:45	78	0.0000	0.0000	15:45	94	0.0000	0.0000	15:45	N/A	0	0.0000	15:45	51	0.0000	0.0000	
16:00	78	0.0000	0.0000	16:00	94	0.0000	0.0000	16:00	N/A	0	0.0000	16:00	51	0.0000	0.0000	
16:15	78	0.0000	0.0000	16:15	94	0.0000	0.0000	16:15	N/A	0	0.0000	16:15	51	0.0000	0.0000	
16:30	78	0.0000	0.0000	16:30	94	0.0000	0.0000	16:30	N/A	0	0.0000	16:30	51	0.0000	0.0000	
16:45	78	0.0000	0.0000	16:45	94	0.0000	0.0000	16:45	N/A	0	0.0000	16:45	51	0.0000	0.0000	
17:00	78	0.0000	0.0000	17:00	94	0.0000	0.0000	17:00	N/A	0	0.0000	17:00	51	0.0000	0.0000	
17:15	78	0.0000	0.0000	17:15	94	0.0000	0.0000	17:15	N/A	0	0.0000	17:15	51	0.0000	0.0000	
17:30	78	0.0000	0.0000	17:30	94	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	51	0.0000	0.0000	
17:45	78	0.0000	0.0000	17:45	94	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	51	0.0000	0.0000	
18:00	78	0.0000	0.0000	18:00	94	0.0000	0.0000	18:00	N/A	0	0.0000	18:00	51	0.0000	0.0000	
18:15	78	0.0000	0.0000	18:15	94	0.0000	0.0000	18:15	N/A	0	0.0000	18:15	51	0.0000	0	



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

03/03/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/03/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/03/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/03/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	78	0.0000	0.0000	0:00	94	0.0000	0.0000	0:00	N/A	0	0.0000	0:00	51	0.0000	0.0000	
0:15	78	0.0000	0.0000	0:15	94	0.0000	0.0000	0:15	N/A	0	0.0000	0:15	51	0.0000	0.0000	
0:30	78	0.0000	0.0000	0:30	94	0.0000	0.0000	0:30	N/A	0	0.0000	0:30	51	0.0000	0.0000	
0:45	78	0.0000	0.0000	0:45	94	0.0000	0.0000	0:45	N/A	0	0.0000	0:45	51	0.0000	0.0000	
1:00	78	0.0000	0.0000	1:00	94	0.0000	0.0000	1:00	N/A	0	0.0000	1:00	51	0.0000	0.0000	
1:15	78	0.0000	0.0000	1:15	94	0.0000	0.0000	1:15	N/A	0	0.0000	1:15	51	0.0000	0.0000	
1:30	78	0.0000	0.0000	1:30	94	0.0000	0.0000	1:30	N/A	0	0.0000	1:30	51	0.0000	0.0000	
1:45	78	0.0000	0.0000	1:45	94	0.0000	0.0000	1:45	N/A	0	0.0000	1:45	51	0.0000	0.0000	
2:00	78	0.0000	0.0000	2:00	94	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	51	0.0000	0.0000	
2:15	78	0.0000	0.0000	2:15	94	0.0000	0.0000	2:15	N/A	0	0.0000	2:15	51	0.0000	0.0000	
2:30	78	0.0000	0.0000	2:30	94	0.0000	0.0000	2:30	N/A	0	0.0000	2:30	51	0.0000	0.0000	
2:45	78	0.0000	0.0000	2:45	94	0.0000	0.0000	2:45	N/A	0	0.0000	2:45	51	0.0000	0.0000	
3:00	78	0.0000	0.0000	3:00	94	0.0000	0.0000	3:00	N/A	0	0.0000	3:00	51	0.0000	0.0000	
3:15	78	0.0000	0.0000	3:15	94	0.0000	0.0000	3:15	N/A	0	0.0000	3:15	51	0.0000	0.0000	
3:30	78	0.0000	0.0000	3:30	94	0.0000	0.0000	3:30	N/A	0	0.0000	3:30	51	0.0000	0.0000	
3:45	78	0.0000	0.0000	3:45	94	0.0000	0.0000	3:45	N/A	0	0.0000	3:45	51	0.0000	0.0000	
4:00	78	0.0000	0.0000	4:00	94	0.0000	0.0000	4:00	N/A	0	0.0000	4:00	51	0.0000	0.0000	
4:15	78	0.0000	0.0000	4:15	94	0.0000	0.0000	4:15	N/A	0	0.0000	4:15	51	0.0000	0.0000	
4:30	78	0.0000	0.0000	4:30	94	0.0000	0.0000	4:30	N/A	0	0.0000	4:30	51	0.0000	0.0000	
4:45	78	0.0000	0.0000	4:45	94	0.0000	0.0000	4:45	N/A	0	0.0000	4:45	51	0.0000	0.0000	
5:00	78	0.0000	0.0000	5:00	94	0.0000	0.0000	5:00	N/A	0	0.0000	5:00	51	0.0000	0.0000	
5:15	78	0.0000	0.0000	5:15	94	0.0000	0.0000	5:15	N/A	0	0.0000	5:15	51	0.0000	0.0000	
5:30	78	0.0000	0.0000	5:30	94	0.0000	0.0000	5:30	N/A	0	0.0000	5:30	51	0.0000	0.0000	
5:45	78	0.0000	0.0000	5:45	94	0.0000	0.0000	5:45	N/A	0	0.0000	5:45	51	0.0000	0.0000	
6:00	78	0.0000	0.0000	6:00	94	0.0000	0.0000	6:00	N/A	0	0.0000	6:00	51	0.0000	0.0000	
6:15	78	0.0000	0.0000	6:15	94	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	51	0.0000	0.0000	
6:30	78	0.0000	0.0000	6:30	94	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	51	0.0000	0.0000	
6:45	78	0.0000	0.0000	6:45	94	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	51	0.0000	0.0000	
7:00	78	0.0000	0.0000	7:00	94	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	51	0.0000	0.0000	
7:15	78	0.0000	0.0000	7:15	94	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	51	0.0000	0.0000	
7:30	78	0.0000	0.0000	7:30	94	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	51	0.0000	0.0000	
7:45	78	0.0000	0.0000	7:45	94	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	51	0.0000	0.0000	
8:00	78	0.0000	0.0000	8:00	94	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	51	0.0000	0.0000	
8:15	78	0.0000	0.0000	8:15	94	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	51	0.0000	0.0000	
8:30	78	0.0000	0.0000	8:30	94	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	51	0.0000	0.0000	
8:45	78	0.0000	0.0000	8:45	94	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	51	0.0000	0.0000	
9:00	78	0.0000	0.0000	9:00	94	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	51	0.0000	0.0000	
9:15	78	0.0000	0.0000	9:15	94	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	51	0.0000	0.0000	
9:30	78	0.0000	0.0000	9:30	94	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	51	0.0000	0.0000	
9:45	78	0.0000	0.0000	9:45	94	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	51	0.0000	0.0000	
10:00	78	0.0000	0.0000	10:00	94	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	51	0.0000	0.0000	
10:15	78	0.0000	0.0000	10:15	94	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	51	0.0000	0.0000	
10:30	78	0.0000	0.0000	10:30	94	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	51	0.0000	0.0000	
10:45	78	0.0000	0.0000	10:45	94	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	51	0.0000	0.0000	
11:00	78	0.0000	0.0000	11:00	94	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	51	0.0000	0.0000	
11:15	78	0.0000	0.0000	11:15	94	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	51	0.0000	0.0000	
11:30	78	0.0000	0.0000	11:30	94	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	51	0.0000	0.0000	
11:45	78	0.0000	0.0000	11:45	94	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	51	0.0000	0.0000	

12:00	78	0.0000	0.0000	12:00	94	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	51	0.0000	0.0000	
12:15	78	0.0000	0.0000	12:15	94	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	51	0.0000	0.0000	
12:30	78	0.0000	0.0000	12:30	94	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	51	0.0000	0.0000	
12:45	78	0.0000	0.0000	12:45	94	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	51	0.0000	0.0000	
13:00	78	0.0000	0.0000	13:00	94	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	51	0.0000	0.0000	
13:15	78	0.0000	0.0000	13:15	94	0.0000	0.0000	13:15	N/A	0	0.0000	13:15	51	0.0000	0.0000	
13:30	78	0.0000	0.0000	13:30	94	0.0000	0.0000	13:30	N/A	0	0.0000	13:30	51	0.0000	0.0000	
13:45	78	0.0000	0.0000	13:45	94	0.0000	0.0000	13:45	N/A	0	0.0000	13:45	51	0.0000	0.0000	
14:00	78	0.0000	0.0000	14:00	94	0.0000	0.0000	14:00	N/A	0	0.0000	14:00	51	0.0000	0.0000	
14:15	78	0.0000	0.0000	14:15	94	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	51	0.0000	0.0000	
14:30	78	0.0000	0.0000	14:30	94	0.0000	0.0000	14:30	N/A	0	0.0000	14:30	51	0.0000	0.0000	
14:45	78	0.0000	0.0000	14:45	94	0.0000	0.0000	14:45	N/A	0	0.0000	14:45	51	0.0000	0.0000	
15:00	78	0.0000	0.0000	15:00	94	0.0000	0.0000	15:00	N/A	0	0.0000	15:00	51	0.0000	0.0000	
15:15	78	0.0000	0.0000	15:15	94	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	51	0.0000	0.0000	
15:30	78	0.0000	0.0000	15:30	94	0.0000	0.0000	15:30	N/A	0	0.0000	15:30	51	0.0000	0.0000	
15:45	78	0.0000	0.0000	15:45	94	0.0000	0.0000	15:45	N/A	0	0.0000	15:45	51	0.0000	0.0000	
16:00	78	0.0000	0.0000	16:00	94	0.0000	0.0000	16:00	N/A	0	0.0000	16:00	51	0.0000	0.0000	
16:15	78	0.0000	0.0000	16:15	94	0.0000	0.0000	16:15	N/A	0	0.0000	16:15	51	0.0000	0.0000	
16:30	78	0.0000	0.0000	16:30	94	0.0000	0.0000	16:30	N/A	0	0.0000	16:30	51	0.0000	0.0000	
16:45	78	0.0000	0.0000	16:45	94	0.0000	0.0000	16:45	N/A	0	0.0000	16:45	51	0.0000	0.0000	
17:00	78	0.0000	0.0000	17:00	94	0.0000	0.0000	17:00	N/A	0	0.0000	17:00	51	0.0000	0.0000	
17:15	78	0.0000	0.0000	17:15	94	0.0000	0.0000	17:15	N/A	0	0.0000	17:15	51	0.0000	0.0000	
17:30	78	0.0000	0.0000	17:30	94	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	51	0.0000	0.0000	
17:45	78	0.0000	0.0000	17:45	94	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	51	0.0000	0.0000	
18:00	78	0.0000	0.0000	18:00	94	0.0000	0.0000	18:00	N/A	0	0.0000	18:00	51	0.0000	0.0000	
18:15	78	0.0000	0.0000	18:15	94	0.0000	0.0000	18:15	N/A	0	0.0000	18:15	51	0.0000	0	



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

03/04/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/04/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/04/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/04/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	78	0.0000	0.0000	0:00	94	0.0018	1.7528	0:00	N/A	0	0.0000	0:00	51	0.0000	0.0000	
0:15	78	0.0000	0.0000	0:15	94	0.0014	1.3626	0:15	N/A	0	0.0000	0:15	51	0.0000	0.0000	
0:30	78	0.0000	0.0000	0:30	94	0.0013	1.3378	0:30	N/A	0	0.0000	0:30	51	0.0000	0.0000	
0:45	78	0.0000	0.0000	0:45	94	0.0015	1.4853	0:45	N/A	0	0.0000	0:45	51	0.0000	0.0000	
1:00	78	0.0000	0.0000	1:00	94	0.0016	1.6009	1:00	N/A	0	0.0000	1:00	51	0.0000	0.0000	
1:15	78	0.0000	0.0000	1:15	94	0.0019	1.8716	1:15	N/A	0	0.0000	1:15	51	0.0000	0.0000	
1:30	78	0.0000	0.0000	1:30	94	0.0012	1.1524	1:30	N/A	0	0.0000	1:30	51	0.0000	0.0000	
1:45	78	0.0000	0.0000	1:45	94	0.0051	5.1132	1:45	N/A	0	0.0000	1:45	51	0.0000	0.0000	
2:00	78	0.0000	0.0000	2:00	94	0.0020	1.9578	2:00	N/A	0	0.0000	2:00	51	0.0000	0.0000	
2:15	78	0.0000	0.0000	2:15	94	0.0020	2.0402	2:15	N/A	0.0002031	0.2031	2:15	51	0.0000	0.0000	
2:30	78	0.0000	0.0000	2:30	94	0.0076	7.6245	2:30	N/A	0.0002235	0.2235	2:30	51	0.0000	0.0000	
2:45	78	0.0000	0.0000	2:45	94	0.0071	7.0647	2:45	N/A	0.0004135	0.4135	2:45	51	0.0000	0.0000	
3:00	78	0.0000	0.0000	3:00	94	0.0029	2.9321	3:00	N/A	0.0005916	0.5916	3:00	51	0.0000	0.0000	
3:15	78	0.0000	0.0000	3:15	94	0.0025	2.4722	3:15	N/A	0.0004744	0.4744	3:15	51	0.0000	0.0000	
3:30	78	0.0000	0.0000	3:30	94	0.0058	5.7585	3:30	N/A	0.0012337	1.2337	3:30	51	0.0000	0.0000	
3:45	78	0.0000	0.0000	3:45	94	0.0076	7.6375	3:45	N/A	0.0016286	1.6286	3:45	51	0.0000	0.0000	
4:00	78	0.0000	0.0000	4:00	94	0.0085	8.4662	4:00	N/A	0.0008585	0.8585	4:00	51	0.0000	0.0000	
4:15	78	0.0003	0.3009	4:15	94	0.0074	7.4043	4:15	N/A	0.0005808	0.5808	4:15	51	0.0000	0.0237	
4:30	78	0.0007	0.7310	4:30	94	0.0033	3.3426	4:30	N/A	0.0004993	0.4993	4:30	51	0.0002	0.1827	
4:45	78	0.0000	0.0021	4:45	94	0.0080	7.9803	4:45	N/A	0	0.0000	4:45	51	0.0001	0.1441	
5:00	78	0.0000	0.0066	5:00	94	0.0076	7.5630	5:00	N/A	0	0.0000	5:00	51	0.0004	0.3982	
5:15	78	0.0001	0.1318	5:15	94	0.0079	7.8892	5:15	N/A	0	0.0000	5:15	51	0.0005	0.5412	
5:30	78	0.0009	0.8618	5:30	94	0.0117	11.6606	5:30	N/A	0	0.0000	5:30	51	0.0001	0.1084	
5:45	78	0.0020	1.9904	5:45	94	0.0136	13.5665	5:45	N/A	0	0.0000	5:45	51	0.0001	0.0734	
6:00	78	0.0024	2.4133	6:00	94	0.0129	12.9490	6:00	N/A	0.0002517	0.2517	6:00	51	0.0000	0.0000	
6:15	78	0.0016	1.5527	6:15	94	0.0077	7.6880	6:15	N/A	0.0006693	0.6693	6:15	51	0.0000	0.0000	
6:30	78	0.0011	1.0530	6:30	94	0.0114	11.4363	6:30	N/A	0.0007734	0.7734	6:30	51	0.0000	0.0000	
6:45	78	0.0013	1.2813	6:45	94	0.0167	16.7273	6:45	N/A	0.0009194	0.9194	6:45	51	0.0000	0.0000	
7:00	78	0.0021	2.0505	7:00	94	0.0130	12.9667	7:00	N/A	0.0015423	1.5423	7:00	51	0.0001	0.0528	
7:15	78	0.0007	0.6572	7:15	94	0.0125	12.5181	7:15	N/A	0.0024935	2.4935	7:15	51	0.0002	0.2160	
7:30	78	0.0018	1.7531	7:30	94	0.0020	2.0168	7:30	N/A	0.0033946	3.3946	7:30	51	0.0002	0.2160	
7:45	78	0.0019	1.8781	7:45	94	0.0071	7.0641	7:45	N/A	0.0036019	3.6019	7:45	51	0.0001	0.0825	
8:00	78	0.0029	2.9038	8:00	94	0.0132	13.2376	8:00	N/A	0.0031901	3.1901	8:00	51	0.0001	0.1468	
8:15	78	0.0027	2.7447	8:15	94	0.0138	13.8402	8:15	N/A	0.0028325	2.8325	8:15	51	0.0003	0.2971	
8:30	78	0.0016	1.6493	8:30	94	0.0125	12.4912	8:30	N/A	0.0052894	5.2894	8:30	51	0.0000	0.0058	
8:45	78	0.0038	3.8387	8:45	94	0.0095	9.5030	8:45	N/A	0.0050553	5.0553	8:45	51	0.0011	1.0827	
9:00	78	0.0023	2.2771	9:00	94	0.0148	14.8054	9:00	N/A	0	0.0000	9:00	51	0.0018	1.7674	
9:15	78	0.0033	3.3192	9:15	94	0.0216	21.6477	9:15	N/A	0	0.0000	9:15	51	0.0012	1.2176	
9:30	78	0.0028	2.8381	9:30	94	0.0216	21.5927	9:30	N/A	0.0015921	1.5921	9:30	51	0.0005	0.4709	
9:45	78	0.0027	2.6672	9:45	94	0.0175	17.5436	9:45	N/A	0.0057263	5.7263	9:45	51	0.0005	0.5384	
10:00	78	0.0021	2.1232	10:00	94	0.0091	9.1088	10:00	N/A	0.0104081	10.4081	10:00	51	0.0000	0.0000	
10:15	78	0.0007	0.6742	10:15	94	0.0045	4.5014	10:15	N/A	0.0121119	12.1119	10:15	51	0.0000	0.0000	
10:30	78	0.0004	0.3892	10:30	94	0.0023	2.3073	10:30	N/A	0.0118394	11.8394	10:30	51	0.0000	0.0000	
10:45	78	0.0000	0.0086	10:45	94	0.0011	1.0583	10:45	N/A	0.0112502	11.2502	10:45	51	0.0000	0.0000	
11:00	78	0.0000	0.0000	11:00	94	0.0000	0.0000	11:00	N/A	0.0121968	12.1968	11:00	51	0.0000	0.0000	
11:15	78	0.0000	0.0000	11:15	94	0.0000	0.0000	11:15	N/A	0.0142285	14.2285	11:15	51	0.0000	0.0000	
11:30	78	0.0000	0.0000	11:30	94	0.0000	0.0000	11:30	N/A	0.0160049	16.0049	11:30	51	0.0000	0.0000	
11:45	78	0.0000	0.0000	11:45	94	0.0000	0.0000	11:45	N/A	0.0167285	16.7285	11:45	51	0.0000	0.0000	

12:00	78	0.0000	0.0000	12:00	94	0.0000	0.0000	12:00	N/A	0.0175519	17.5519	12:00	51	0.0000	0.0000	
12:15	78	0.0000	0.0000	12:15	94	0.0000	0.0000	12:15	N/A	0.0190274	19.0274	12:15	51	0.0000	0.0000	
12:30	78	0.0000	0.0000	12:30	94	0.0000	0.0000	12:30	N/A	0.0205268	20.5268	12:30	51	0.0000	0.0000	
12:45	78	0.0000	0.0000	12:45	94	0.0000	0.0000	12:45	N/A	0.0227664	22.7664	12:45	51	0.0000	0.0000	
13:00	78	0.0000	0.0000	13:00	94	0.0000	0.0000	13:00	N/A	0.0241117	24.1117	13:00	51	0.0000	0.0000	
13:15	78	0.0000	0.0000	13:15	94	0.0000	0.0000	13:15	N/A	0.0252806	25.2806	13:15	51	0.0000	0.0000	
13:30	78	0.0000	0.0000	13:30	94	0.0000	0.0000	13:30	N/A	0.0265858	26.5858	13:30	51	0.0000	0.0000	
13:45	78	0.0000	0.0000	13:45	94	0.0000	0.0000	13:45	N/A	0.0266795	26.6795	13:45	51	0.0000	0.0000	
14:00	78	0.0000	0.0000	14:00	94	0.0000	0.0000	14:00	N/A	0.0271075	27.1075	14:00	51	0.0000	0.0000	
14:15	78	0.0000	0.0000	14:15	94	0.0000	0.0000	14:15	N/A	0.0295586	29.5586	14:15	51	0.0000	0.0000	
14:30	78	0.0000	0.0000	14:30	94	0.0000	0.0000	14:30	N/A	0.0312194	31.2194	14:30	51	0.0000	0.0000	
14:45	78	0.0000	0.0000	14:45	94	0.0000	0.0000	14:45	N/A	0.0316941	31.6941	14:45	51	0.0000	0.0000	
15:00	78	0.0000	0.0000	15:00	94	0.0000	0.0000	15:00	N/A	0.03109	31.0900	15:00	51	0.0000	0.0000	
15:15	78	0.0000	0.0000	15:15	94	0.0000	0.0000	15:15	N/A	0.0297197	29.7197	15:15	51	0.0000	0.0000	
15:30	78	0.0000	0.0000	15:30	94	0.0000	0.0000	15:30	N/A	0.0280079	28.0079	15:30	51	0.0000	0.0000	
15:45	78	0.0000	0.0000	15:45	94	0.0000	0.0000	15:45	N/A	0.0263829	26.3829	15:45	51	0.0000	0.0000	
16:00	78	0.0000	0.0000	16:00	94	0.0000	0.0000	16:00	N/A	0.0263147	26.3147	16:00	51	0.0000	0.0000	
16:15	78	0.0000	0.0000	16:15	94	0.0000	0.0000	16:15	N/A	0.0269051	26.9051	16:15	51	0.0000	0.0000	
16:30	78	0.0000	0.0000	16:30	94	0.0000	0.0000	16:30	N/A	0.0266797	26.6797	16:30	51	0.0000	0.0000	
16:45	78	0.0000	0.0000	16:45	94	0.0000	0.0000	16:45	N/A	0.0275497	27.5497	16:45	51	0.0000	0.0000	
17:00	78	0.0000	0.0000	17:00	94	0.0000	0.0000	17:00	N/A	0.0270634	27.0634	17:00	51	0.0000	0.0000	
17:15	78	0.0000	0.0000	17:15	94	0.0000	0.0000	17:15	N/A	0.0261921	26.1921	17:15	51	0.0000	0.0000	
17:30	78	0.0000	0.0000	17:30	94	0.0000	0.0000	17:30	N/A	0.0257093	25.7093	17:30	51	0.0000	0.0000	
17:45	78	0.0000	0.0000	17:45	94	0.0000	0.0000	17:45	N/A	0.0244983	24.4983	17:45	51	0.0000	0.0000	
18:00	78	0.0000	0.0000	18:00	94	0.0000	0.0000	18:00	N/A	0.0240184	24.0184	18:00	51	0.0000	0.0000	
18:15	78	0.0000	0.0000	18:15	94	0.0000	0.0000	18:15	N/A	0.0235746	23.5746	18:15	51	0.0000	0.0000	
18:30	78	0.0000	0.0000	18:30	94	0.0000	0.0000	18:30	N/A	0.0225333	22.5333	18:30	51	0.0000	0.0000	
18:45	78	0.0000	0.0000	18:45	94	0.0000	0.0000	18:45	N/A	0.0200649	20.0649	18:45	51	0.0000	0.0000	
19:00	78	0.0000	0.0000	19:00	94	0.0000	0.0000	19:00	N/A	0.0154198	15.4198	19:00	51	0.0000	0.0000	
19:15	78	0.0000	0.0000	19:15	94	0.0000	0.0000	19:15	N/A	0.0129147	12.9147	19:15	51	0.0000	0.0000	
19:30	78	0.0000	0.0000	19:30	94	0.0000	0.0000	19:30	N/A	0.0112668	11.2668	19:30	51	0.0000	0.0000	
19:45	78	0.0000	0.0000	19:45	94	0.0000	0.0000	19:45	N/A	0.0100873	10.0873	19:45	51	0.0000	0.0000	
20:00	78	0.0000	0.0000	20:00	94	0.0000	0.0000	20:00	N/A	0.0093122	9.3122	20:00	51	0.0000	0.0000	
20:15	78	0.0000	0.0000	20:15	94	0.0008	0.7927	20:15	N/A	0.0095527	9.5527	20:15	51	0.0000	0.0000	
20:30	78	0.0000	0.0000	20:30	94	0.0053	5.2629	20:30	N/A	0.0082282	8.2282	20:30	51	0.0000	0.0000	
20:45	78	0.0000	0.0000	20:45	94	0.0052	5.2148	20:45	N/A	0.0091587	9.1587	20:45	51	0.0000	0.0000	
21:00	78	0.0000	0.0000	21:00	94	0.0061	6.0742	21:00	N/A	0.0099648	9.9648	21:00	51	0.0000	0.0000	
21:15	78	0.0000	0.0000	21:15	94	0.0058	5.8210	21:15	N/A	0.010715	10.7150	21:15	51	0.0000	0.0000	
21:30	78	0.0000	0.0000	21:30	94	0.0053	5.2553	21:30	N/A	0.0120194	12.0194	21:30	51	0.0000	0.0000	
21:45	78	0.0000	0.0000	21:45	94	0.0001	0.1220	21:45	N/A	0.0124562	12.4562	21:45	51	0.0000	0.0000	
22:00	78	0.0000	0.0000	22:00	94	0.0000	0.0000	22:00	N/A	0.0121113	12.1113	22:00	51	0.0000	0.0000	
22:15	78	0.0000	0.0000	22:15	94	0.0000	0.0000	22:15	N/A	0.0116763	11.6763	22:15	51	0.0000	0.0000	
22:30	78	0.0000	0.0000	22:30	94	0.0000	0.0000	22:30	N/A	0.0087461	8.7461	22:30	51	0.0000	0.0000	
22:45	78	0.0000	0.0000	22:45	94	0.0003	0.2529	22:45	N/A	0.0053803	5.3803	22:45	51	0.0000	0.0000	
23:00	78	0.0000	0.0000	23:00	94	0.0028	2.7598	23:00	N/A	0.0052663	5.2663	23:00	51	0.0000	0.0000	
23:15	78	0.0000	0.0000	23:15	94	0.0052	5.2371	23:15	N/A	0.0051524	5.1524	23:15	51	0.0000	0.0000	
23:30	78	0.0000	0.0000	23:30	94	0.0043	4.3413	23:30	N/A	0.0045672	4.5672	23:30	51	0.0000	0.0000	
23:45	78	0.0000	0.0000	23:45	94	0.0168	16.8047	23:45	N/A	0.003582	3.5820	23:45	51	0.0000	0.0010	



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

03/05/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/05/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/05/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/05/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	78	0.0000	0.0000	0:00	94	0.0164	16.3689	0:00	N/A	0.0012787	1.2787	0:00	51	0.0010	1.0352	
0:15	78	0.0000	0.0000	0:15	94	0.0329	32.9183	0:15	N/A	0	0.0000	0:15	51	0.0061	6.1140	
0:30	78	0.0000	0.0000	0:30	94	0.0285	28.5225	0:30	N/A	0	0.0000	0:30	51	0.0055	5.4542	
0:45	78	0.0000	0.0000	0:45	94	0.0377	37.7000	0:45	N/A	0	0.0000	0:45	51	0.0055	5.4564	
1:00	78	0.0000	0.0000	1:00	94	0.0584	58.4285	1:00	N/A	0	0.0000	1:00	51	0.0079	7.8647	
1:15	78	0.0000	0.0000	1:15	94	0.0598	59.7866	1:15	N/A	0	0.0000	1:15	51	0.0007	0.7047	
1:30	78	0.0000	0.0000	1:30	94	0.0497	49.7414	1:30	N/A	0	0.0000	1:30	51	0.0120	11.9601	
1:45	78	0.0000	0.0000	1:45	94	0.0223	22.3383	1:45	N/A	0	0.0000	1:45	51	0.0109	10.8722	
2:00	78	0.0000	0.0000	2:00	94	0.0630	63.0368	2:00	N/A	0	0.0000	2:00	51	0.0142	14.2294	
2:15	78	0.0000	0.0000	2:15	94	0.0228	22.7766	2:15	N/A	0	0.0000	2:15	51	0.0078	7.8303	
2:30	78	0.0000	0.0000	2:30	94	0.0361	36.1280	2:30	N/A	0.0004514	0.4514	2:30	51	0.0046	4.5794	
2:45	78	0.0000	0.0000	2:45	94	0.0436	43.6279	2:45	N/A	0.0009999	0.9999	2:45	51	0.0078	7.7909	
3:00	78	0.0000	0.0000	3:00	94	0.0420	41.9699	3:00	N/A	0	0.0000	3:00	51	0.0135	13.5355	
3:15	78	0.0000	0.0000	3:15	94	0.0037	3.7323	3:15	N/A	0	0.0000	3:15	51	0.0138	13.8307	
3:30	78	0.0000	0.0000	3:30	94	0.0490	49.0075	3:30	N/A	0	0.0000	3:30	51	0.0073	7.3379	
3:45	78	0.0000	0.0000	3:45	94	0.0545	54.5076	3:45	N/A	0	0.0000	3:45	51	0.0131	13.1039	
4:00	78	0.0000	0.0000	4:00	94	0.0716	71.5958	4:00	N/A	0	0.0000	4:00	51	0.0120	11.9769	
4:15	78	0.0000	0.0000	4:15	94	0.0498	49.7959	4:15	N/A	0	0.0000	4:15	51	0.0149	14.9121	
4:30	78	0.0000	0.0000	4:30	94	0.0551	55.1314	4:30	N/A	0	0.0000	4:30	51	0.0063	6.2534	
4:45	78	0.0000	0.0000	4:45	94	0.0493	49.3243	4:45	N/A	0	0.0000	4:45	51	0.0106	10.5517	
5:00	78	0.0000	0.0000	5:00	94	0.0175	17.5300	5:00	N/A	0	0.0000	5:00	51	0.0085	8.5094	
5:15	78	0.0000	0.0000	5:15	94	0.0717	71.7009	5:15	N/A	0	0.0000	5:15	51	0.0154	15.3576	
5:30	78	0.0000	0.0000	5:30	94	0.0717	71.6566	5:30	N/A	0	0.0000	5:30	51	0.0210	20.9665	
5:45	78	0.0000	0.0000	5:45	94	0.0251	25.0700	5:45	N/A	0	0.0000	5:45	51	0.0211	21.1178	
6:00	78	0.0000	0.0000	6:00	94	0.0634	63.3617	6:00	N/A	0	0.0000	6:00	51	0.0220	22.0478	
6:15	78	0.0000	0.0000	6:15	94	0.0342	34.1598	6:15	N/A	0	0.0000	6:15	51	0.0089	8.9121	
6:30	78	0.0000	0.0000	6:30	94	0.0520	51.9552	6:30	N/A	0	0.0000	6:30	51	0.0177	17.7038	
6:45	78	0.0000	0.0000	6:45	94	0.0724	72.3534	6:45	N/A	0	0.0000	6:45	51	0.0098	9.8122	
7:00	78	0.0000	0.0000	7:00	94	0.0723	72.2862	7:00	N/A	0	0.0000	7:00	51	0.0206	20.5633	
7:15	78	0.0000	0.0000	7:15	94	0.0076	7.5663	7:15	N/A	0	0.0000	7:15	51	0.0093	9.3070	
7:30	78	0.0000	0.0000	7:30	94	0.0360	35.9578	7:30	N/A	0	0.0000	7:30	51	0.0182	18.1504	
7:45	78	0.0000	0.0000	7:45	94	0.0726	72.6269	7:45	N/A	0	0.0000	7:45	51	0.0287	28.7198	
8:00	78	0.0000	0.0000	8:00	94	0.0728	72.7907	8:00	N/A	0	0.0000	8:00	51	0.0277	27.6951	
8:15	78	0.0000	0.0000	8:15	94	0.0728	72.8485	8:15	N/A	0	0.0000	8:15	51	0.0207	20.7452	
8:30	78	0.0000	0.0000	8:30	94	0.0727	72.7312	8:30	N/A	0	0.0000	8:30	51	0.0214	21.4299	
8:45	78	0.0000	0.0000	8:45	94	0.0727	72.7312	8:45	N/A	0	0.0000	8:45	51	0.0215	21.4992	
9:00	78	0.0000	0.0000	9:00	94	0.0511	51.1274	9:00	N/A	0	0.0000	9:00	51	0.0215	21.4992	
9:15	78	0.0000	0.0002	9:15	94	0.0248	24.8350	9:15	N/A	0	0.0000	9:15	51	0.0224	22.3607	
9:30	78	0.0002	0.1783	9:30	94	0.0245	24.5185	9:30	N/A	0	0.0000	9:30	51	0.0119	11.8949	
9:45	78	0.0003	0.3150	9:45	94	0.0408	40.7788	9:45	N/A	0	0.0000	9:45	51	0.0049	4.9131	
10:00	78	0.0002	0.2108	10:00	94	0.0246	24.6166	10:00	N/A	0	0.0000	10:00	51	0.0105	10.5391	
10:15	78	0.0001	0.0954	10:15	94	0.0322	32.1604	10:15	N/A	0	0.0000	10:15	51	0.0320	32.0473	
10:30	78	0.0001	0.1454	10:30	94	0.0487	48.7359	10:30	N/A	0	0.0000	10:30	51	0.0347	34.6549	
10:45	78	0.0006	0.5506	10:45	94	0.0487	48.7359	10:45	N/A	0	0.0000	10:45	51	0.0301	30.1420	
11:00	78	0.0013	1.2553	11:00	94	0.0487	48.7201	11:00	N/A	0	0.0000	11:00	51	0.0197	19.7442	
11:15	78	0.0008	0.8084	11:15	94	0.0715	71.4964	11:15	N/A	0	0.0000	11:15	51	0.0185	18.4653	
11:30	78	0.0013	1.3162	11:30	94	0.0738	73.7968	11:30	N/A	0	0.0000	11:30	51	0.0268	26.7576	
11:45	78	0.0027	2.6683	11:45	94	0.0738	73.8201	11:45	N/A	0	0.0000	11:45	51	0.0174	17.3657	

12:00	78	0.0031	3.0899	12:00	94	0.0619	61.8635	12:00	N/A	0	0.0000	12:00	51	0.0310	30.9519	
12:15	78	0.0032	3.1537	12:15	94	0.0247	24.6984	12:15	N/A	0	0.0000	12:15	51	0.0334	33.4482	
12:30	78	0.0031	3.1338	12:30	94	0.0694	69.3790	12:30	N/A	0	0.0000	12:30	51	0.0362	36.1935	
12:45	78	0.0031	3.0974	12:45	94	0.0743	74.3055	12:45	N/A	0	0.0000	12:45	51	0.0405	40.5357	
13:00	78	0.0030	2.9963	13:00	94	0.0745	74.4791	13:00	N/A	0	0.0000	13:00	51	0.0245	24.4843	
13:15	78	0.0026	2.5989	13:15	94	0.0520	52.0352	13:15	N/A	0	0.0000	13:15	51	0.0128	12.8059	
13:30	78	0.0016	1.5678	13:30	94	0.0652	65.2106	13:30	N/A	0	0.0000	13:30	51	0.0253	25.3475	
13:45	78	0.0004	0.3720	13:45	94	0.0340	33.9738	13:45	N/A	0.0002304	0.2304	13:45	51	0.0316	31.6012	
14:00	78	0.0000	0.0479	14:00	94	0.0311	31.0574	14:00	N/A	0.0014431	1.4431	14:00	51	0.0283	28.3071	
14:15	78	0.0000	0.0202	14:15	94	0.0353	35.2750	14:15	N/A	0.0028028	2.8028	14:15	51	0.0264	26.3860	
14:30	78	0.0000	0.0000	14:30	94	0.0245	24.5268	14:30	N/A	0.0037065	3.7065	14:30	51	0.0173	17.2695	
14:45	78	0.0000	0.0000	14:45	94	0.0391	39.1192	14:45	N/A	0.0041504	4.1504	14:45	51	0.0164	16.4490	
15:00	78	0.0000	0.0000	15:00	94	0.0412	41.2071	15:00	N/A	0.0046211	4.6211	15:00	51	0.0139	13.8714	
15:15	78	0.0000	0.0000	15:15	94	0.0181	18.1041	15:15	N/A	0.0040602	4.0602	15:15	51	0.0138	13.8102	
15:30	78	0.0000	0.0000	15:30	94	0.0163	16.3283	15:30	N/A	0.0051968	5.1968	15:30	51	0.0104	10.4338	
15:45	78	0.0000	0.0000	15:45	94	0.0652	65.1730	15:45	N/A	0.0067874	6.7874	15:45	51	0.0000	0.0000	
16:00	78	0.0000	0.0000	16:00	94	0.0439	43.9202	16:00	N/A	0.0075769	7.5769	16:00	51	0.0071	7.1338	
16:15	78	0.0000	0.0000	16:15	94	0.0610	61.0212	16:15	N/A	0.0069438	6.9438	16:15	51	0.0135	13.5369	
16:30	78	0.0000	0.0000	16:30	94	0.0596	59.5777	16:30	N/A	0.0071915	7.1915	16:30	51	0.0113	11.2575	
16:45	78	0.0000	0.0000	16:45	94	0.0458	45.8221	16:45	N/A	0.00685	6.8500	16:45	51	0.0024	2.3672	
17:00	78	0.0000	0.0000	17:00	94	0.0454	45.4310	17:00	N/A	0.0062891	6.2891	17:00	51	0.0040	3.9808	
17:15	78	0.0000	0.0000	17:15	94	0.0511	51.0992	17:15	N/A	0.0055422	5.5422	17:15	51	0.0113	11.2708	
17:30	78	0.0000	0.0000	17:30	94	0.0503	50.3299	17:30	N/A	0.0048265	4.8265	17:30	51	0.0113	11.2909	
17:45	78	0.0000	0.0000	17:45	94	0.0407	40.6865	17:45	N/A	0.0037678	3.7678	17:45	51	0.0113	11.3388	
18:00	78	0.0000	0.0000	18:00	94	0.0191	19.1207	18:00	N/A	0.001693	1.6930	18:00	51	0.0109	10.9237	
18:15	78	0.0000	0.0000	18:15	94	0.0572	57.1695	18:15	N/A	0	0.0000	18:15	51	0.0068	6.8378	
18:30	78	0.0000	0.0000	18:30	94	0.0611	61.1333	18:30	N/A	0	0.0000	18:30	51	0.0053	5.2999	
18:45	78	0.0000	0.0000	18:45	94	0.0373	37.3205	18:45	N/A	0	0.0000	18:45	51	0.0053	5.2999	
19:00	78	0.0000	0.0000	19:00	94	0.0205	20.4685	19:00	N/A	0	0.0000	19:00	51	0.0133	13.2940	
19:15	78	0.0000	0.0000	19:15	94	0.0582	58.2314	19:15	N/A	0	0.0000	19:15	51	0.0134	13.4445	
19:30	78	0.0000	0.0000	19:30	94	0.0543	54.2741	19:30	N/A	0	0.0000	19:30	51	0.0082	8.1825	
19:45	78	0.0000	0.0000	19:45	94	0.0247	24.6709	19:45	N/A	0	0.0000	19:45	51	0.0117	11.6986	
20:00	78	0.0000	0.0000	20:00	94	0.0300	29.9543	20:00	N/A	0	0.0000	20:00	51	0.0138	13.7954	
20:15	78	0.0000	0.0000	20:15	94	0.0304	30.4130	20:15	N/A	0	0.0000	20:15	51	0.0088	8.8078	
20:30	78	0.0000	0.0000	20:30	94	0.0200	19.9937	20:30	N/A	0	0.0000	20:30	51	0.0057	5.7227	
20:45	78	0.0000	0.0000	20:45	94	0.0288	28.7544	20:45	N/A	0	0.0000	20:45	51	0.0087	8.6856	
21:00	78	0.0000	0.0000	21:00	94	0.0426	42.5705	21:00	N/A	0	0.0000	21:00	51	0.0105	10.4642	
21:15	78	0.0000	0.0000	21:15	94	0.0337	33.6564	21:15	N/A	0	0.0000	21:15	51	0.0072	7.1982	
21:30	78	0.0000	0.0000	21:30	94	0.0328	32.7948	21:30	N/A	0	0.0000	21:30	51	0.0036	3.6312	
21:45	78	0.0000	0.0000	21:45	94	0.0240	24.0154	21:45	N/A	0	0.0000	21:45	51	0.0081	8.0830	
22:00	78	0.0000	0.0000	22:00	94	0.0222	22.1678	22:00	N/A	0	0.0000	22:00	51	0.0070	6.9663	
22:15	78	0.0000	0.0000	22:15	94	0.0205	20.5316	22:15	N/A	0	0.0000	22:15	51	0.0061	6.0588	
22:30	78	0.0000	0.0000	22:30	94	0.0101	10.1362	22:30	N/A	0	0.0000	22:30	51	0.0054	5.3506	
22:45	78	0.0000	0.0000	22:45	94	0.0227	22.7416	22:45	N/A	0	0.0000	22:45	51	0.0053	5.2835	
23:00	78	0.0000	0.0000	23:00	94	0.0185	18.5466	23:00	N/A	0	0.0000	23:00	51	0.0043	4.3191	
23:15	78	0.0000	0.0000	23:15	94	0.0183	18.3263	23:15	N/A	0	0.0000	23:15	51	0.0051	5.0574	
23:30	78	0.0000	0.0000	23:30	94	0.0198	19.8007	23:30	N/A	0	0.0000	23:30	51	0.0042	4.2270	
23:45	78	0.0000	0.0000	23:45	94	0.0188	18.8100	23:45	N/A	0	0.0000	23:45	51	0.0004	0.4114	



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

03/06/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/06/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/06/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/06/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	78	0.0000	0.0000	0:00	94	0.0114	11.3770	0:00	N/A	0	0.0000	0:00	51	0.0002	0.2446	
0:15	78	0.0000	0.0000	0:15	94	0.0130	12.9527	0:15	N/A	0	0.0000	0:15	51	0.0001	0.1465	
0:30	78	0.0000	0.0000	0:30	94	0.0111	11.1414	0:30	N/A	0	0.0000	0:30	51	0.0000	0.0000	
0:45	78	0.0000	0.0000	0:45	94	0.0102	10.2269	0:45	N/A	0	0.0000	0:45	51	0.0000	0.0000	
1:00	78	0.0000	0.0000	1:00	94	0.0036	3.6116	1:00	N/A	0	0.0000	1:00	51	0.0000	0.0000	
1:15	78	0.0000	0.0000	1:15	94	0.0043	4.3313	1:15	N/A	0	0.0000	1:15	51	0.0000	0.0000	
1:30	78	0.0000	0.0000	1:30	94	0.0063	6.2836	1:30	N/A	0	0.0000	1:30	51	0.0000	0.0000	
1:45	78	0.0000	0.0000	1:45	94	0.0045	4.5061	1:45	N/A	0	0.0000	1:45	51	0.0000	0.0000	
2:00	78	0.0000	0.0000	2:00	94	0.0000	0.0000	2:00	N/A	0	0.0000	2:00	51	0.0000	0.0000	
2:15	78	0.0000	0.0000	2:15	94	0.0014	1.3674	2:15	N/A	0	0.0000	2:15	51	0.0000	0.0000	
2:30	78	0.0000	0.0000	2:30	94	0.0035	3.4899	2:30	N/A	0	0.0000	2:30	51	0.0000	0.0000	
2:45	78	0.0000	0.0000	2:45	94	0.0017	1.7380	2:45	N/A	0	0.0000	2:45	51	0.0000	0.0000	
3:00	78	0.0000	0.0000	3:00	94	0.0037	3.7466	3:00	N/A	0	0.0000	3:00	51	0.0000	0.0000	
3:15	78	0.0000	0.0000	3:15	94	0.0044	4.3904	3:15	N/A	0	0.0000	3:15	51	0.0000	0.0000	
3:30	78	0.0000	0.0000	3:30	94	0.0044	4.4008	3:30	N/A	0	0.0000	3:30	51	0.0000	0.0000	
3:45	78	0.0000	0.0000	3:45	94	0.0040	3.9871	3:45	N/A	0	0.0000	3:45	51	0.0000	0.0000	
4:00	78	0.0000	0.0000	4:00	94	0.0024	2.4277	4:00	N/A	0	0.0000	4:00	51	0.0000	0.0000	
4:15	78	0.0000	0.0000	4:15	94	0.0022	2.2229	4:15	N/A	0	0.0000	4:15	51	0.0000	0.0000	
4:30	78	0.0000	0.0000	4:30	94	0.0022	2.2229	4:30	N/A	0	0.0000	4:30	51	0.0000	0.0000	
4:45	78	0.0000	0.0000	4:45	94	0.0042	4.2105	4:45	N/A	0	0.0000	4:45	51	0.0000	0.0000	
5:00	78	0.0000	0.0000	5:00	94	0.0085	8.4844	5:00	N/A	0	0.0000	5:00	51	0.0000	0.0000	
5:15	78	0.0000	0.0000	5:15	94	0.0071	7.1142	5:15	N/A	0	0.0000	5:15	51	0.0000	0.0000	
5:30	78	0.0000	0.0000	5:30	94	0.0042	4.1793	5:30	N/A	0	0.0000	5:30	51	0.0000	0.0000	
5:45	78	0.0000	0.0000	5:45	94	0.0030	2.9955	5:45	N/A	0	0.0000	5:45	51	0.0000	0.0000	
6:00	78	0.0000	0.0000	6:00	94	0.0002	0.2231	6:00	N/A	0	0.0000	6:00	51	0.0000	0.0000	
6:15	78	0.0000	0.0000	6:15	94	0.0000	0.0000	6:15	N/A	0	0.0000	6:15	51	0.0000	0.0000	
6:30	78	0.0000	0.0000	6:30	94	0.0000	0.0000	6:30	N/A	0	0.0000	6:30	51	0.0000	0.0000	
6:45	78	0.0000	0.0000	6:45	94	0.0000	0.0000	6:45	N/A	0	0.0000	6:45	51	0.0000	0.0000	
7:00	78	0.0000	0.0000	7:00	94	0.0000	0.0000	7:00	N/A	0	0.0000	7:00	51	0.0000	0.0000	
7:15	78	0.0000	0.0000	7:15	94	0.0000	0.0000	7:15	N/A	0	0.0000	7:15	51	0.0000	0.0000	
7:30	78	0.0000	0.0000	7:30	94	0.0000	0.0000	7:30	N/A	0	0.0000	7:30	51	0.0000	0.0000	
7:45	78	0.0000	0.0000	7:45	94	0.0000	0.0000	7:45	N/A	0	0.0000	7:45	51	0.0000	0.0000	
8:00	78	0.0000	0.0000	8:00	94	0.0000	0.0000	8:00	N/A	0	0.0000	8:00	51	0.0000	0.0000	
8:15	78	0.0000	0.0000	8:15	94	0.0000	0.0000	8:15	N/A	0	0.0000	8:15	51	0.0000	0.0000	
8:30	78	0.0000	0.0000	8:30	94	0.0000	0.0000	8:30	N/A	0	0.0000	8:30	51	0.0000	0.0000	
8:45	78	0.0000	0.0000	8:45	94	0.0000	0.0000	8:45	N/A	0	0.0000	8:45	51	0.0000	0.0000	
9:00	78	0.0000	0.0000	9:00	94	0.0000	0.0000	9:00	N/A	0	0.0000	9:00	51	0.0000	0.0000	
9:15	78	0.0000	0.0000	9:15	94	0.0000	0.0000	9:15	N/A	0	0.0000	9:15	51	0.0000	0.0000	
9:30	78	0.0000	0.0000	9:30	94	0.0000	0.0000	9:30	N/A	0	0.0000	9:30	51	0.0000	0.0000	
9:45	78	0.0000	0.0000	9:45	94	0.0000	0.0000	9:45	N/A	0	0.0000	9:45	51	0.0000	0.0000	
10:00	78	0.0000	0.0000	10:00	94	0.0000	0.0000	10:00	N/A	0	0.0000	10:00	51	0.0000	0.0000	
10:15	78	0.0000	0.0000	10:15	94	0.0000	0.0000	10:15	N/A	0	0.0000	10:15	51	0.0000	0.0000	
10:30	78	0.0000	0.0000	10:30	94	0.0000	0.0000	10:30	N/A	0	0.0000	10:30	51	0.0000	0.0000	
10:45	78	0.0000	0.0000	10:45	94	0.0000	0.0000	10:45	N/A	0	0.0000	10:45	51	0.0000	0.0000	
11:00	78	0.0000	0.0000	11:00	94	0.0000	0.0000	11:00	N/A	0	0.0000	11:00	51	0.0000	0.0000	
11:15	78	0.0000	0.0000	11:15	94	0.0000	0.0000	11:15	N/A	0	0.0000	11:15	51	0.0000	0.0000	
11:30	78	0.0000	0.0000	11:30	94	0.0000	0.0000	11:30	N/A	0	0.0000	11:30	51	0.0000	0.0000	
11:45	78	0.0000	0.0000	11:45	94	0.0000	0.0000	11:45	N/A	0	0.0000	11:45	51	0.0000	0.0000	

12:00	78	0.0000	0.0000	12:00	94	0.0000	0.0000	12:00	N/A	0	0.0000	12:00	51	0.0000	0.0000	
12:15	78	0.0000	0.0000	12:15	94	0.0000	0.0000	12:15	N/A	0	0.0000	12:15	51	0.0000	0.0000	
12:30	78	0.0000	0.0000	12:30	94	0.0000	0.0000	12:30	N/A	0	0.0000	12:30	51	0.0000	0.0000	
12:45	78	0.0000	0.0000	12:45	94	0.0000	0.0000	12:45	N/A	0	0.0000	12:45	51	0.0000	0.0000	
13:00	78	0.0000	0.0000	13:00	94	0.0000	0.0000	13:00	N/A	0	0.0000	13:00	51	0.0000	0.0000	
13:15	78	0.0000	0.0000	13:15	94	0.0000	0.0000	13:15	N/A	0	0.0000	13:15	51	0.0000	0.0000	
13:30	78	0.0000	0.0000	13:30	94	0.0000	0.0000	13:30	N/A	0	0.0000	13:30	51	0.0000	0.0000	
13:45	78	0.0000	0.0000	13:45	94	0.0000	0.0000	13:45	N/A	0	0.0000	13:45	51	0.0000	0.0000	
14:00	78	0.0000	0.0000	14:00	94	0.0000	0.0000	14:00	N/A	0	0.0000	14:00	51	0.0000	0.0000	
14:15	78	0.0000	0.0000	14:15	94	0.0000	0.0000	14:15	N/A	0	0.0000	14:15	51	0.0000	0.0000	
14:30	78	0.0000	0.0000	14:30	94	0.0000	0.0000	14:30	N/A	0	0.0000	14:30	51	0.0000	0.0000	
14:45	78	0.0000	0.0000	14:45	94	0.0000	0.0000	14:45	N/A	0	0.0000	14:45	51	0.0000	0.0000	
15:00	78	0.0000	0.0000	15:00	94	0.0000	0.0000	15:00	N/A	0	0.0000	15:00	51	0.0000	0.0000	
15:15	78	0.0000	0.0000	15:15	94	0.0000	0.0000	15:15	N/A	0	0.0000	15:15	51	0.0000	0.0000	
15:30	78	0.0000	0.0000	15:30	94	0.0000	0.0000	15:30	N/A	0	0.0000	15:30	51	0.0000	0.0000	
15:45	78	0.0000	0.0000	15:45	94	0.0000	0.0000	15:45	N/A	0	0.0000	15:45	51	0.0000	0.0000	
16:00	78	0.0000	0.0000	16:00	94	0.0000	0.0000	16:00	N/A	0	0.0000	16:00	51	0.0000	0.0000	
16:15	78	0.0000	0.0000	16:15	94	0.0000	0.0000	16:15	N/A	0	0.0000	16:15	51	0.0000	0.0000	
16:30	78	0.0000	0.0000	16:30	94	0.0000	0.0000	16:30	N/A	0	0.0000	16:30	51	0.0000	0.0000	
16:45	78	0.0000	0.0000	16:45	94	0.0000	0.0000	16:45	N/A	0	0.0000	16:45	51	0.0000	0.0000	
17:00	78	0.0000	0.0000	17:00	94	0.0000	0.0000	17:00	N/A	0	0.0000	17:00	51	0.0000	0.0000	
17:15	78	0.0000	0.0000	17:15	94	0.0000	0.0000	17:15	N/A	0	0.0000	17:15	51	0.0000	0.0000	
17:30	78	0.0000	0.0000	17:30	94	0.0000	0.0000	17:30	N/A	0	0.0000	17:30	51	0.0000	0.0000	
17:45	78	0.0000	0.0000	17:45	94	0.0000	0.0000	17:45	N/A	0	0.0000	17:45	51	0.0000	0.0000	
18:00	78	0.0000	0.0000	18:00	94	0.0000	0.0000	18:00	N/A	0	0.0000	18:00	51	0.0000	0.0000	
18:15	78	0.0000	0.0000	18:15	94	0.0000	0.0000	18:15	N/A	0	0.0000	18:15	51	0.0000	0	



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

03/07/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/07/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/07/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/07/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	78	0.0000	0	0:00	94	0.0000	0	0:00	N/A	0	0.0000	0:00	51	0.0000	0.0000	
0:15	78	0.0000	0	0:15	94	0.0000	0	0:15	N/A	0	0.0000	0:15	51	0.0000	0.0000	
0:30	78	0.0000	0	0:30	94	0.0000	0	0:30	N/A	0	0.0000	0:30	51	0.0000	0.0000	
0:45	78	0.0000	0	0:45	94	0.0000	0	0:45	N/A	0	0.0000	0:45	51	0.0000	0.0000	
1:00	78	0.0000	0	1:00	94	0.0000	0	1:00	N/A	0	0.0000	1:00	51	0.0000	0.0000	
1:15	78	0.0000	0	1:15	94	0.0000	0	1:15	N/A	0	0.0000	1:15	51	0.0000	0.0000	
1:30	78	0.0000	0	1:30	94	0.0000	0	1:30	N/A	0	0.0000	1:30	51	0.0000	0.0000	
1:45	78	0.0000	0	1:45	94	0.0000	0	1:45	N/A	0	0.0000	1:45	51	0.0000	0.0000	
2:00	78	0.0000	0	2:00	94	0.0000	0	2:00	N/A	0	0.0000	2:00	51	0.0000	0.0000	
2:15	78	0.0000	0	2:15	94	0.0000	0	2:15	N/A	0	0.0000	2:15	51	0.0000	0.0000	
2:30	78	0.0000	0	2:30	94	0.0000	0	2:30	N/A	0	0.0000	2:30	51	0.0000	0.0000	
2:45	78	0.0000	0	2:45	94	0.0000	0	2:45	N/A	0	0.0000	2:45	51	0.0000	0.0000	
3:00	78	0.0000	0	3:00	94	0.0000	0	3:00	N/A	0	0.0000	3:00	51	0.0000	0.0000	
3:15	78	0.0000	0	3:15	94	0.0000	0	3:15	N/A	0	0.0000	3:15	51	0.0000	0.0000	
3:30	78	0.0000	0	3:30	94	0.0000	0	3:30	N/A	0	0.0000	3:30	51	0.0000	0.0000	
3:45	78	0.0000	0	3:45	94	0.0000	0	3:45	N/A	0	0.0000	3:45	51	0.0000	0.0000	
4:00	78	0.0000	0	4:00	94	0.0000	0	4:00	N/A	0	0.0000	4:00	51	0.0000	0.0000	
4:15	78	0.0000	0	4:15	94	0.0000	0	4:15	N/A	0	0.0000	4:15	51	0.0000	0.0000	
4:30	78	0.0000	0	4:30	94	0.0000	0	4:30	N/A	0	0.0000	4:30	51	0.0000	0.0000	
4:45	78	0.0000	0	4:45	94	0.0000	0	4:45	N/A	0	0.0000	4:45	51	0.0000	0.0000	
5:00	78	0.0000	0	5:00	94	0.0000	0	5:00	N/A	0	0.0000	5:00	51	0.0000	0.0000	
5:15	78	0.0000	0	5:15	94	0.0000	0	5:15	N/A	0	0.0000	5:15	51	0.0000	0.0000	
5:30	78	0.0000	0	5:30	94	0.0000	0	5:30	N/A	0	0.0000	5:30	51	0.0000	0.0000	
5:45	78	0.0000	0	5:45	94	0.0000	0	5:45	N/A	0	0.0000	5:45	51	0.0000	0.0000	
6:00	78	0.0000	0	6:00	94	0.0000	0	6:00	N/A	0	0.0000	6:00	51	0.0000	0.0000	
6:15	78	0.0000	0	6:15	94	0.0000	0	6:15	N/A	0	0.0000	6:15	51	0.0000	0.0000	
6:30	78	0.0000	0	6:30	94	0.0000	0	6:30	N/A	0	0.0000	6:30	51	0.0000	0.0000	
6:45	78	0.0000	0	6:45	94	0.0000	0	6:45	N/A	0	0.0000	6:45	51	0.0000	0.0000	
7:00	78	0.0000	0	7:00	94	0.0000	0	7:00	N/A	0	0.0000	7:00	51	0.0000	0.0000	
7:15	78	0.0000	0	7:15	94	0.0000	0	7:15	N/A	0	0.0000	7:15	51	0.0000	0.0000	
7:30	78	0.0000	0	7:30	94	0.0000	0	7:30	N/A	0	0.0000	7:30	51	0.0000	0.0000	
7:45	78	0.0000	0	7:45	94	0.0000	0	7:45	N/A	0	0.0000	7:45	51	0.0000	0.0000	
8:00	78	0.0000	0	8:00	94	0.0000	0	8:00	N/A	0	0.0000	8:00	51	0.0000	0.0000	
8:15	78	0.0000	0	8:15	94	0.0000	0	8:15	N/A	0	0.0000	8:15	51	0.0000	0.0000	
8:30	78	0.0000	0	8:30	94	0.0000	0	8:30	N/A	0	0.0000	8:30	51	0.0000	0.0000	
8:45	78	0.0000	0	8:45	94	0.0000	0	8:45	N/A	0	0.0000	8:45	51	0.0000	0.0000	
9:00	78	0.0000	0	9:00	94	0.0000	0	9:00	N/A	0	0.0000	9:00	51	0.0000	0.0000	
9:15	78	0.0000	0	9:15	94	0.0000	0	9:15	N/A	0	0.0000	9:15	51	0.0000	0.0000	
9:30	78	0.0000	0	9:30	94	0.0000	0	9:30	N/A	0	0.0000	9:30	51	0.0000	0.0000	
9:45	78	0.0000	0	9:45	94	0.0000	0	9:45	N/A	0	0.0000	9:45	51	0.0000	0.0000	
10:00	78	0.0000	0	10:00	94	0.0000	0	10:00	N/A	0	0.0000	10:00	51	0.0000	0.0000	
10:15	78	0.0000	0	10:15	94	0.0000	0	10:15	N/A	0	0.0000	10:15	51	0.0000	0.0000	
10:30	78	0.0000	0	10:30	94	0.0000	0	10:30	N/A	0	0.0000	10:30	51	0.0000	0.0000	
10:45	78	0.0000	0	10:45	94	0.0000	0	10:45	N/A	0	0.0000	10:45	51	0.0000	0.0000	
11:00	78	0.0000	0	11:00	94	0.0000	0	11:00	N/A	0	0.0000	11:00	51	0.0000	0.0000	
11:15	78	0.0000	0	11:15	94	0.0000	0	11:15	N/A	0	0.0000	11:15	51	0.0000	0.0000	
11:30	78	0.0000	0	11:30	94	0.0000	0	11:30	N/A	0	0.0000	11:30	51	0.0000	0.0000	
11:45	78	0.0000	0	11:45	94	0.0000	0	11:45	N/A	0	0.0000	11:45	51	0.0000	0.0000	

12:00	78	0.0000	0	12:00	94	0.0000	0	12:00	N/A	0	0.0000	12:00	51	0.0000	0.0000	
12:15	78	0.0000	0	12:15	94	0.0000	0	12:15	N/A	0	0.0000	12:15	51	0.0000	0.0000	
12:30	78	0.0000	0	12:30	94	0.0000	0	12:30	N/A	0	0.0000	12:30	51	0.0000	0.0000	
12:45	78	0.0000	0	12:45	94	0.0000	0	12:45	N/A	0	0.0000	12:45	51	0.0000	0.0000	
13:00	78	0.0000	0	13:00	94	0.0000	0	13:00	N/A	0	0.0000	13:00	51	0.0000	0.0000	
13:15	78	0.0000	0	13:15	94	0.0000	0	13:15	N/A	0	0.0000	13:15	51	0.0000	0.0000	
13:30	78	0.0000	0	13:30	94	0.0000	0	13:30	N/A	0	0.0000	13:30	51	0.0000	0.0000	
13:45	78	0.0000	0	13:45	94	0.0000	0	13:45	N/A	0	0.0000	13:45	51	0.0000	0.0000	
14:00	78	0.0000	0	14:00	94	0.0000	0	14:00	N/A	0	0.0000	14:00	51	0.0000	0.0000	
14:15	78	0.0000	0	14:15	94	0.0000	0	14:15	N/A	0.0001957	0.1957	14:15	51	0.0000	0.0000	
14:30	78	0.0000	0	14:30	94	0.0000	0	14:30	N/A	0.0015222	1.5222	14:30	51	0.0000	0.0000	
14:45	78	0.0000	0	14:45	94	0.0000	0	14:45	N/A	0.0024756	2.4756	14:45	51	0.0000	0.0000	
15:00	78	0.0000	0	15:00	94	0.0000	0	15:00	N/A	0.0028432	2.8432	15:00	51	0.0000	0.0000	
15:15	78	0.0000	0	15:15	94	0.0000	0	15:15	N/A	0.0026386	2.6386	15:15	51	0.0000	0.0000	
15:30	78	0.0000	0	15:30	94	0.0000	0	15:30	N/A	0.0014974	1.4974	15:30	51	0.0000	0.0000	
15:45	78	0.0000	0	15:45	94	0.0000	0	15:45	N/A	0.0001957	0.1957	15:45	51	0.0000	0.0000	
16:00	78	0.0000	0	16:00	94	0.0037	3.717592478	16:00	N/A	0	0.0000	16:00	51	0.0000	0.0000	
16:15	78	0.0000	0	16:15	94	0.0000	0	16:15	N/A	0	0.0000	16:15	51	0.0000	0.0000	
16:30	78	0.0000	0	16:30	94	0.0028	2.813558578	16:30	N/A	0	0.0000	16:30	51	0.0000	0.0000	
16:45	78	0.0000	0	16:45	94	0.0037	3.669606447	16:45	N/A	0	0.0000	16:45	51	0.0000	0.0000	
17:00	78	0.0000	0	17:00	94	0.0079	7.903479099	17:00	N/A	0	0.0000	17:00	51	0.0000	0.0000	
17:15	78	0.0000	0	17:15	94	0.0079	7.903479099	17:15	N/A	0	0.0000	17:15	51	0.0000	0.0000	
17:30	78	0.0000	0	17:30	94	0.0156	15.5592432	17:30	N/A	0	0.0000	17:30	51	0.0000	0.0000	
17:45	78	0.0000	0	17:45	94	0.0245	24.51805305	17:45	N/A	0	0.0000	17:45	51	0.0002	0.2167	
18:00	78	0.0000	0	18:00	94	0.0263	26.34006691	18:00	N/A	0	0.0000	18:00	51	0.0019	1.8637	
18:15	78	0.0000	0	18:15	94	0.0263	26.34006691	18:15	N/A	0	0.0000	18:15	51	0.0013	1.2638	
18:30	78	0.0000	0	18:30	94	0.0199	19.8695507	18:30	N/A	0	0.0000	18:30	51	0.0040	4.0148	
18:45	78	0.0000	0	18:45	94	0.0298	29.79426575	18:45	N/A	0	0.0000	18:45	51	0.0040	3.9517	
19:00	78	0.0000	0	19:00	94	0.0196	19.64606094	19:00	N/A	0	0.0000	19:00	51	0.0000	0.0000	
19:15	78	0.0000	0	19:15	94	0.0295	29.45561218	19:15	N/A	0	0.0000	19:15	51	0.0000	0.0000	
19:30	78	0.0000	0	19:30	94	0.0196	19.61115074	19:30	N/A	0	0.0000	19:30	51	0.0049	4.8791	
19:45	78	0.0000	0	19:45	94	0.0298	29.80821228	19:45	N/A	0	0.0000	19:45	51	0.0050	5.0154	
20:00	78	0.0000	0	20:00	94	0.0201	20.13156128	20:00	N/A	0	0.0000	20:00	51	0.0035	3.5140	
20:15	78	0.0000	0	20:15	94	0.0100	9.978691101	20:15	N/A	0	0.0000	20:15	51	0.0050	4.9657	
20:30	78	0.0000	0	20:30	94	0.0299	29.90146446	20:30	N/A	0	0.0000	20:30	51	0.0016	1.5874	
20:45	78	0.0000	0	20:45	94	0.0201	20.1393795	20:45	N/A	0	0.0000	20:45	51	0.0017	1.7123	
21:00	78	0.0000	0	21:00	94	0.0302	30.15044212	21:00	N/A	0	0.0000	21:00	51	0.0033	3.2989	
21:15	78	0.0000	0	21:15	94	0.0202	20.19442558	21:15	N/A	0	0.0000	21:15	51	0.0000	0.0000	
21:30	78	0.0000	0	21:30	94	0.0302	30.16807365	21:30	N/A	0	0.0000	21:30	51	0.0047	4.7475	
21:45	78	0.0000	0	21:45	94	0.0201	20.11321068	21:45	N/A	0	0.0000	21:45	51	0.0047	4.7475	
22:00	78	0.0000	0	22:00	94	0.0204	20.44015884	22:00	N/A	0	0.0000	22:00	51	0.0033	3.2982	
22:15	78	0.0000	0	22:15	94	0.0204	20.44015884	22:15	N/A	0	0.0000	22:15	51	0.0050	5.0184	
22:30	78	0.0000	0	22:30	94	0.0313	31.2640152	22:30	N/A	0	0.0000	22:30	51	0.0050	5.0184	
22:45	78	0.0000	0	22:45	94	0.0306	30.63273621	22:45	N/A	0	0.0000	22:45	51	0.0034	3.3854	
23:00	78	0.0000	0	23:00	94	0.0211	21.06552505	23:00	N/A	0	0.0000	23:00	51	0.0018	1.8339	
23:15	78	0.0000	0	23:15	94	0.0308	30.81116676	23:15	N/A	0	0.0000	23:15	51	0.0051	5.1229	
23:30	78	0.0000	0	23:30	94	0.0307	30.67453957	23:30	N/A	0	0.0000	23:30	51	0.0000	0.0000	
23:45	78	0.0000	0	23:45	94	0.0103	10.25190639	23:45	N/A	0	0.0000	23:45	51	0.0000	0.0000	



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

03/08/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/08/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/08/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/08/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	78	0.0000	0	0:00	94	0.0101	10.07815	0:00	N/A	0	0.0000	0:00	51	0.0051	5.0591	
0:15	78	0.0000	0	0:15	94	0.0104	10.38985	0:15	N/A	0	0.0000	0:15	51	0.0052	5.1869	
0:30	78	0.0000	0	0:30	94	0.0311	31.13682	0:30	N/A	0	0.0000	0:30	51	0.0053	5.2759	
0:45	78	0.0000	0	0:45	94	0.0311	31.05484	0:45	N/A	0	0.0000	0:45	51	0.0036	3.6448	
1:00	78	0.0000	0	1:00	94	0.0311	31.05484	1:00	N/A	0	0.0000	1:00	51	0.0035	3.4674	
1:15	78	0.0000	0	1:15	94	0.0208	20.77476	1:15	N/A	0	0.0000	1:15	51	0.0055	5.4679	
1:30	78	0.0000	0	1:30	94	0.0217	21.69797	1:30	N/A	0	0.0000	1:30	51	0.0039	3.8595	
1:45	78	0.0000	0	1:45	94	0.0316	31.64291	1:45	N/A	0	0.0000	1:45	51	0.0020	1.9528	
2:00	78	0.0000	0	2:00	94	0.0105	10.54511	2:00	N/A	0	0.0000	2:00	51	0.0048	4.7690	
2:15	78	0.0000	0	2:15	94	0.0205	20.4855	2:15	N/A	0	0.0000	2:15	51	0.0046	4.6371	
2:30	78	0.0000	0	2:30	94	0.0196	19.55221	2:30	N/A	0	0.0000	2:30	51	0.0046	4.6371	
2:45	78	0.0000	0	2:45	94	0.0299	29.85458	2:45	N/A	0	0.0000	2:45	51	0.0059	5.9379	
3:00	78	0.0000	0	3:00	94	0.0202	20.21632	3:00	N/A	0	0.0000	3:00	51	0.0055	5.5129	
3:15	78	0.0000	0	3:15	94	0.0202	20.21632	3:15	N/A	0	0.0000	3:15	51	0.0056	5.5518	
3:30	78	0.0000	0	3:30	94	0.0102	10.16152	3:30	N/A	0	0.0000	3:30	51	0.0019	1.8850	
3:45	78	0.0000	0	3:45	94	0.0295	29.51711	3:45	N/A	0	0.0000	3:45	51	0.0037	3.6713	
4:00	78	0.0000	0	4:00	94	0.0198	19.77548	4:00	N/A	0	0.0000	4:00	51	0.0058	5.7874	
4:15	78	0.0000	0	4:15	94	0.0198	19.84999	4:15	N/A	0	0.0000	4:15	51	0.0058	5.7874	
4:30	78	0.0000	0	4:30	94	0.0096	9.555289	4:30	N/A	0	0.0000	4:30	51	0.0068	6.7945	
4:45	78	0.0000	0	4:45	94	0.0281	28.11116	4:45	N/A	0	0.0000	4:45	51	0.0066	6.5570	
5:00	78	0.0000	0	5:00	94	0.0092	9.197171	5:00	N/A	0	0.0000	5:00	51	0.0045	4.5138	
5:15	78	0.0000	0	5:15	94	0.0167	16.66449	5:15	N/A	0	0.0000	5:15	51	0.0031	3.0904	
5:30	78	0.0000	0	5:30	94	0.0167	16.66449	5:30	N/A	0	0.0000	5:30	51	0.0017	1.7243	
5:45	78	0.0000	0	5:45	94	0.0131	13.0947	5:45	N/A	0	0.0000	5:45	51	0.0009	0.9030	
6:00	78	0.0000	0	6:00	94	0.0195	19.48246	6:00	N/A	0	0.0000	6:00	51	0.0009	0.9030	
6:15	78	0.0000	0	6:15	94	0.0094	9.380445	6:15	N/A	0	0.0000	6:15	51	0.0000	0.0000	
6:30	78	0.0000	0	6:30	94	0.0125	12.54812	6:30	N/A	0	0.0000	6:30	51	0.0000	0.0000	
6:45	78	0.0000	0	6:45	94	0.0125	12.54812	6:45	N/A	0	0.0000	6:45	51	0.0000	0.0000	
7:00	78	0.0000	0	7:00	94	0.0000	0	7:00	N/A	0	0.0000	7:00	51	0.0000	0.0000	
7:15	78	0.0000	0	7:15	94	0.0000	0	7:15	N/A	0	0.0000	7:15	51	0.0000	0.0000	
7:30	78	0.0000	0	7:30	94	0.0108	10.76145	7:30	N/A	0	0.0000	7:30	51	0.0000	0.0000	
7:45	78	0.0000	0	7:45	94	0.0108	10.76145	7:45	N/A	0	0.0000	7:45	51	0.0000	0.0000	
8:00	78	0.0000	0	8:00	94	0.0108	10.76145	8:00	N/A	0	0.0000	8:00	51	0.0000	0.0000	
8:15	78	0.0000	0	8:15	94	0.0115	11.51799	8:15	N/A	0	0.0000	8:15	51	0.0000	0.0000	
8:30	78	0.0000	0	8:30	94	0.0060	6.026583	8:30	N/A	0	0.0000	8:30	51	0.0000	0.0000	
8:45	78	0.0000	0	8:45	94	0.0065	6.452764	8:45	N/A	0	0.0000	8:45	51	0.0000	0.0000	
9:00	78	0.0000	0	9:00	94	0.0195	19.45476	9:00	N/A	0	0.0000	9:00	51	0.0000	0.0000	
9:15	78	0.0000	0	9:15	94	0.0164	16.40277	9:15	N/A	0	0.0000	9:15	51	0.0000	0.0000	
9:30	78	0.0000	0	9:30	94	0.0036	3.606446	9:30	N/A	0	0.0000	9:30	51	0.0000	0.0000	
9:45	78	0.0000	0	9:45	94	0.0000	0	9:45	N/A	0	0.0000	9:45	51	0.0000	0.0000	
10:00	78	0.0000	0	10:00	94	0.0042	4.22014	10:00	N/A	0	0.0000	10:00	51	0.0000	0.0000	
10:15	78	0.0000	0	10:15	94	0.0056	5.631318	10:15	N/A	0	0.0000	10:15	51	0.0000	0.0000	
10:30	78	0.0000	0	10:30	94	0.0050	5.048193	10:30	N/A	0	0.0000	10:30	51	0.0000	0.0000	
10:45	78	0.0000	0	10:45	94	0.0005	0.504268	10:45	N/A	0	0.0000	10:45	51	0.0000	0.0000	
11:00	78	0.0000	0	11:00	94	0.0002	0.181114	11:00	N/A	0	0.0000	11:00	51	0.0000	0.0000	
11:15	78	0.0000	0	11:15	94	0.0000	0	11:15	N/A	0	0.0000	11:15	51	0.0000	0.0000	
11:30	78	0.0000	0	11:30	94	0.0000	0	11:30	N/A	0	0.0000	11:30	51	0.0000	0.0000	
11:45	78	0.0000	0	11:45	94	0.0000	0	11:45	N/A	0	0.0000	11:45	51	0.0000	0.0000	

12:00	78	0.0000	0	12:00	94	0.0000	0	12:00	N/A	0	0.0000	12:00	51	0.0000	0.0000	
12:15	78	0.0000	0	12:15	94	0.0000	0	12:15	N/A	0	0.0000	12:15	51	0.0000	0.0000	
12:30	78	0.0000	0	12:30	94	0.0000	0	12:30	N/A	0	0.0000	12:30	51	0.0000	0.0000	
12:45	78	0.0000	0	12:45	94	0.0000	0	12:45	N/A	0	0.0000	12:45	51	0.0000	0.0000	
13:00	78	0.0000	0	13:00	94	0.0000	0	13:00	N/A	0	0.0000	13:00	51	0.0000	0.0000	
13:15	78	0.0000	0	13:15	94	0.0000	0	13:15	N/A	0	0.0000	13:15	51	0.0000	0.0000	
13:30	78	0.0000	0	13:30	94	0.0000	0	13:30	N/A	0	0.0000	13:30	51	0.0000	0.0000	
13:45	78	0.0000	0	13:45	94	0.0000	0	13:45	N/A	0	0.0000	13:45	51	0.0000	0.0000	
14:00	78	0.0000	0	14:00	94	0.0000	0	14:00	N/A	0	0.0000	14:00	51	0.0000	0.0000	
14:15	78	0.0000	0	14:15	94	0.0000	0	14:15	N/A	0	0.0000	14:15	51	0.0000	0.0000	
14:30	78	0.0000	0	14:30	94	0.0000	0	14:30	N/A	0	0.0000	14:30	51	0.0000	0.0000	
14:45	78	0.0000	0	14:45	94	0.0000	0	14:45	N/A	0	0.0000	14:45	51	0.0000	0.0000	
15:00	78	0.0000	0	15:00	94	0.0000	0	15:00	N/A	0	0.0000	15:00	51	0.0000	0.0000	
15:15	78	0.0000	0	15:15	94	0.0000	0	15:15	N/A	0	0.0000	15:15	51	0.0000	0.0000	
15:30	78	0.0000	0	15:30	94	0.0000	0	15:30	N/A	0	0.0000	15:30	51	0.0000	0.0000	
15:45	78	0.0000	0	15:45	94	0.0000	0	15:45	N/A	0	0.0000	15:45	51	0.0000	0.0000	
16:00	78	0.0000	0	16:00	94	0.0000	0	16:00	N/A	0	0.0000	16:00	51	0.0000	0.0000	
16:15	78	0.0000	0	16:15	94	0.0000	0	16:15	N/A	0	0.0000	16:15	51	0.0000	0.0000	
16:30	78	0.0000	0	16:30	94	0.0000	0	16:30	N/A	0	0.0000	16:30	51	0.0000	0.0000	
16:45	78	0.0000	0	16:45	94	0.0000	0	16:45	N/A	0	0.0000	16:45	51	0.0000	0.0000	
17:00	78	0.0000	0	17:00	94	0.0000	0	17:00	N/A	0	0.0000	17:00	51	0.0000	0.0000	
17:15	78	0.0000	0	17:15	94	0.0000	0	17:15	N/A	0	0.0000	17:15	51	0.0000	0.0000	
17:30	78	0.0000	0	17:30	94	0.0000	0	17:30	N/A	0	0.0000	17:30	51	0.0000	0.0000	
17:45	78	0.0000	0	17:45	94	0.0000	0	17:45	N/A	0	0.0000	17:45	51	0.0000	0.0000	
18:00	78	0.0000	0	18:00	94	0.0000	0	18:00	N/A	0	0.0000	18:00	51	0.0000	0.0000	
18:15	78	0.0000	0	18:15	94	0.0000	0	18:15	N/A	0	0.0000	18:15	51	0.0000	0.0000	
18:30	78	0.0000	0	18:30	94	0.0000	0	18:30	N/A	0	0.0000	18:30	51	0.0000	0.0000	
18:45	78	0.0000	0	18:45	94	0.0000	0	18:45	N/A	0	0.0000	18:45	51	0.0000	0.0000	
19:00	78	0.0000	0	19:00	94	0.0000	0	19:00	N/A	0	0.0000	19:00	51	0.0000	0.0000	
19:15	78	0.0000	0	19:15	94	0.0000	0	19:15	N/A	0	0.0000	19:15	51	0.0000	0.0000	
19:30	78	0.0000	0	19:30	94	0.0000	0	19:30	N/A	0	0.0000	19:30	51	0.0000	0.0000	
19:45	78	0.0000	0	19:45	94	0.0000	0	19:45	N/A	0	0.0000	19:45	51	0.0000	0.0000	
20:00	78	0.0000	0	20:00	94	0.0000	0	20:00	N/A	0	0.0000	20:00	51	0.0000	0.0000	
20:15	78	0.0000	0	20:15	94	0.0000	0	20:15	N/A	0	0.0000	20:15	51	0.0000	0.0000	
20:30	78	0.0000	0	20:30	94	0.0000	0	20:30	N/A	0	0.0000	20:30	51	0.0000	0.0000	
20:45	78	0.0000	0	20:45	94	0.0000	0	20:45	N/A	0	0.0000	20:45	51	0.0000	0.0000	
21:00	78	0.0000	0	21:00	94	0.0000	0	21:00	N/A	0	0.0000	21:00	51	0.0000	0.0000	
21:15	78	0.0000	0	21:15	94	0.0000	0	21:15	N/A	0	0.0000	21:15	51	0.0000	0.0000	
21:30	78	0.0000	0	21:30	94	0.0000	0	21:30	N/A	0	0.0000	21:30	51	0.0000	0.0000	
21:45	78	0.0000	0	21:45	94	0.0000	0	21:45	N/A	0	0.0000	21:45	51	0.0000	0.0000	
22:00	78	0.0000	0	22:00	94	0.0000	0	22:00	N/A	0	0.0000	22:00	51	0.0000	0.0000	
22:15	78	0.0000	0	22:15	94	0.0000	0	22:15	N/A	0	0.0000	22:15	51	0.0000	0.0000	
22:30	78	0.0000	0	22:30	94	0.0000	0	22:30	N/A	0	0.0000	22:30	51	0.0000	0.0000	
22:45	78	0.0000	0	22:45	94	0.0000	0	22:45	N/A	0	0.0000	22:45	51	0.0000	0.0000	
23:00	78	0.0000	0	23:00	94	0.0000	0	23:00	N/A	0	0.0000	23:00	51	0.0000	0.0000	
23:15	78	0.0000	0	23:15	94	0.0000	0	23:15	N/A	0	0.0000	23:15	51	0.0000	0.0000	
23:30	78	0.0000	0	23:30	94	0.0000	0	23:30	N/A	0	0.0000	23:30	51	0.0000	0.0000	
23:45	78	0.0000	0	23:45	94	0.0000	0	23:45	N/A	0	0.0000	23:45	51	0.0000	0.0000	



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

03/09/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/09/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/09/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/09/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	78	0.0000	0	0:00	94	0.0000	0	0:00	N/A	0	0.0000	0:00	51	0.0000	0.0000	
0:15	78	0.0000	0	0:15	94	0.0000	0	0:15	N/A	0	0.0000	0:15	51	0.0000	0.0000	
0:30	78	0.0000	0	0:30	94	0.0000	0	0:30	N/A	0	0.0000	0:30	51	0.0000	0.0000	
0:45	78	0.0000	0	0:45	94	0.0000	0	0:45	N/A	0	0.0000	0:45	51	0.0000	0.0000	
1:00	78	0.0000	0	1:00	94	0.0000	0	1:00	N/A	0	0.0000	1:00	51	0.0000	0.0000	
1:15	78	0.0000	0	1:15	94	0.0000	0	1:15	N/A	0	0.0000	1:15	51	0.0000	0.0000	
1:30	78	0.0000	0	1:30	94	0.0000	0	1:30	N/A	0	0.0000	1:30	51	0.0000	0.0000	
1:45	78	0.0000	0	1:45	94	0.0000	0	1:45	N/A	0	0.0000	1:45	51	0.0000	0.0000	
2:00	78	0.0000	0	2:00	94	0.0000	0	2:00	N/A	0	0.0000	2:00	51	0.0000	0.0000	
2:15	78	0.0000	0	2:15	94	0.0000	0	2:15	N/A	0	0.0000	2:15	51	0.0000	0.0000	
2:30	78	0.0000	0	2:30	94	0.0000	0	2:30	N/A	0	0.0000	2:30	51	0.0000	0.0000	
2:45	78	0.0000	0	2:45	94	0.0000	0	2:45	N/A	0	0.0000	2:45	51	0.0000	0.0000	
3:00	78	0.0000	0	3:00	94	0.0000	0	3:00	N/A	0	0.0000	3:00	51	0.0000	0.0000	
3:15	78	0.0000	0	3:15	94	0.0000	0	3:15	N/A	0	0.0000	3:15	51	0.0000	0.0000	
3:30	78	0.0000	0	3:30	94	0.0000	0	3:30	N/A	0	0.0000	3:30	51	0.0000	0.0000	
3:45	78	0.0000	0	3:45	94	0.0000	0	3:45	N/A	0	0.0000	3:45	51	0.0000	0.0000	
4:00	78	0.0000	0	4:00	94	0.0000	0	4:00	N/A	0	0.0000	4:00	51	0.0000	0.0000	
4:15	78	0.0000	0	4:15	94	0.0000	0	4:15	N/A	0	0.0000	4:15	51	0.0000	0.0000	
4:30	78	0.0000	0	4:30	94	0.0000	0	4:30	N/A	0	0.0000	4:30	51	0.0000	0.0000	
4:45	78	0.0000	0	4:45	94	0.0000	0	4:45	N/A	0	0.0000	4:45	51	0.0000	0.0000	
5:00	78	0.0000	0	5:00	94	0.0000	0	5:00	N/A	0	0.0000	5:00	51	0.0000	0.0000	
5:15	78	0.0000	0	5:15	94	0.0000	0	5:15	N/A	0	0.0000	5:15	51	0.0000	0.0000	
5:30	78	0.0000	0	5:30	94	0.0000	0	5:30	N/A	0	0.0000	5:30	51	0.0000	0.0000	
5:45	78	0.0000	0	5:45	94	0.0000	0	5:45	N/A	0	0.0000	5:45	51	0.0000	0.0000	
6:00	78	0.0000	0	6:00	94	0.0000	0	6:00	N/A	0	0.0000	6:00	51	0.0000	0.0000	
6:15	78	0.0000	0	6:15	94	0.0000	0	6:15	N/A	0	0.0000	6:15	51	0.0000	0.0000	
6:30	78	0.0000	0	6:30	94	0.0000	0	6:30	N/A	0	0.0000	6:30	51	0.0000	0.0000	
6:45	78	0.0000	0	6:45	94	0.0000	0	6:45	N/A	0	0.0000	6:45	51	0.0000	0.0000	
7:00	78	0.0000	0	7:00	94	0.0000	0	7:00	N/A	0	0.0000	7:00	51	0.0000	0.0000	
7:15	78	0.0000	0	7:15	94	0.0000	0	7:15	N/A	0	0.0000	7:15	51	0.0000	0.0000	
7:30	78	0.0000	0	7:30	94	0.0000	0	7:30	N/A	0	0.0000	7:30	51	0.0000	0.0000	
7:45	78	0.0000	0	7:45	94	0.0000	0	7:45	N/A	0	0.0000	7:45	51	0.0000	0.0000	
8:00	78	0.0000	0	8:00	94	0.0000	0	8:00	N/A	0	0.0000	8:00	51	0.0000	0.0000	
8:15	78	0.0000	0	8:15	94	0.0000	0	8:15	N/A	0	0.0000	8:15	51	0.0000	0.0000	
8:30	78	0.0000	0	8:30	94	0.0000	0	8:30	N/A	0	0.0000	8:30	51	0.0000	0.0000	
8:45	78	0.0000	0	8:45	94	0.0000	0	8:45	N/A	0	0.0000	8:45	51	0.0000	0.0000	
9:00	78	0.0000	0	9:00	94	0.0000	0	9:00	N/A	0	0.0000	9:00	51	0.0000	0.0000	
9:15	78	0.0000	0	9:15	94	0.0000	0	9:15	N/A	0	0.0000	9:15	51	0.0000	0.0000	
9:30	78	0.0000	0	9:30	94	0.0000	0	9:30	N/A	0	0.0000	9:30	51	0.0000	0.0000	
9:45	78	0.0000	0	9:45	94	0.0000	0.045589	9:45	N/A	0	0.0000	9:45	51	0.0000	0.0000	
10:00	78	0.0000	0	10:00	94	0.0004	0.431607	10:00	N/A	0	0.0000	10:00	51	0.0000	0.0000	
10:15	78	0.0000	0	10:15	94	0.0004	0.431607	10:15	N/A	0	0.0000	10:15	51	0.0000	0.0000	
10:30	78	0.0000	0	10:30	94	0.0000	0	10:30	N/A	0	0.0000	10:30	51	0.0000	0.0000	
10:45	78	0.0000	0	10:45	94	0.0042	4.175861	10:45	N/A	0	0.0000	10:45	51	0.0000	0.0000	
11:00	78	0.0000	0	11:00	94	0.0042	4.175861	11:00	N/A	0	0.0000	11:00	51	0.0000	0.0000	
11:15	78	0.0000	0	11:15	94	0.0017	1.74151	11:15	N/A	0	0.0000	11:15	51	0.0000	0.0000	
11:30	78	0.0000	0	11:30	94	0.0015	1.483652	11:30	N/A	0	0.0000	11:30	51	0.0000	0.0000	
11:45	78	0.0000	0	11:45	94	0.0032	3.23938	11:45	N/A	0	0.0000	11:45	51	0.0000	0.0000	

12:00	78	0.0000	0	12:00	94	0.0004	0.400477	12:00	N/A	0	0.0000	12:00	51	0.0000	0.0000	
12:15	78	0.0000	0	12:15	94	0.0008	0.8339	12:15	N/A	0	0.0000	12:15	51	0.0000	0.0000	
12:30	78	0.0000	0	12:30	94	0.0017	1.707666	12:30	N/A	0	0.0000	12:30	51	0.0000	0.0000	
12:45	78	0.0000	0	12:45	94	0.0000	0	12:45	N/A	0	0.0000	12:45	51	0.0000	0.0000	
13:00	78	0.0000	0	13:00	94	0.0000	0	13:00	N/A	0.0010112	1.0112	13:00	51	0.0000	0.0000	
13:15	78	0.0000	0	13:15	94	0.0000	0	13:15	N/A	0.0018334	1.8334	13:15	51	0.0000	0.0000	
13:30	78	0.0000	0	13:30	94	0.0000	0	13:30	N/A	0.0032591	3.2591	13:30	51	0.0000	0.0000	
13:45	78	0.0000	0	13:45	94	0.0000	0	13:45	N/A	0.0039741	3.9741	13:45	51	0.0000	0.0000	
14:00	78	0.0000	0	14:00	94	0.0000	0	14:00	N/A	0.0032464	3.2464	14:00	51	0.0000	0.0000	
14:15	78	0.0000	0	14:15	94	0.0000	0	14:15	N/A	0.0049558	4.9558	14:15	51	0.0000	0.0000	
14:30	78	0.0000	0	14:30	94	0.0000	0	14:30	N/A	0.0060042	6.0042	14:30	51	0.0000	0.0000	
14:45	78	0.0000	0	14:45	94	0.0000	0	14:45	N/A	0.0059965	5.9965	14:45	51	0.0000	0.0000	
15:00	78	0.0000	0	15:00	94	0.0000	0	15:00	N/A	0.0051375	5.1375	15:00	51	0.0000	0.0000	
15:15	78	0.0000	0	15:15	94	0.0000	0	15:15	N/A	0.0051897	5.1897	15:15	51	0.0000	0.0000	
15:30	78	0.0000	0	15:30	94	0.0000	0	15:30	N/A	0.0042586	4.2586	15:30	51	0.0000	0.0000	
15:45	78	0.0000	0	15:45	94	0.0000	0	15:45	N/A	0.0036906	3.6906	15:45	51	0.0000	0.0000	
16:00	78	0.0000	0	16:00	94	0.0000	0	16:00	N/A	0.0035729	3.5729	16:00	51	0.0000	0.0000	
16:15	78	0.0000	0	16:15	94	0.0000	0	16:15	N/A	0.0031618	3.1618	16:15	51	0.0000	0.0000	
16:30	78	0.0000	0	16:30	94	0.0006	0.570536	16:30	N/A	0.0029553	2.9553	16:30	51	0.0000	0.0000	
16:45	78	0.0000	0	16:45	94	0.0006	0.570536	16:45	N/A	0.0023665	2.3665	16:45	51	0.0000	0.0000	
17:00	78	0.0000	0	17:00	94	0.0006	0.570536	17:00	N/A	0.0025334	2.5334	17:00	51	0.0000	0.0000	
17:15	78	0.0000	0	17:15	94	0.0046	4.625555	17:15	N/A	0.0019478	1.9478	17:15	51	0.0000	0.0000	
17:30	78	0.0000	0	17:30	94	0.0057	5.708685	17:30	N/A	0.0013947	1.3947	17:30	51	0.0000	0.0000	
17:45	78	0.0000	0	17:45	94	0.0061	6.091259	17:45	N/A	0.0015087	1.5087	17:45	51	0.0000	0.0000	
18:00	78	0.0000	0	18:00	94	0.0030	3.003832	18:00	N/A	0.0016714	1.6714	18:00	51	0.0000	0.0000	
18:15	78	0.0000	0	18:15	94	0.0045	4.549632	18:15	N/A	0.0014381	1.4381	18:15	51	0.0000	0.0000	
18:30	78	0.0000	0	18:30	94	0.0016	1.560848	18:30	N/A	0.0012528	1.2528	18:30	51	0.0000	0.0000	
18:45	78	0.0000	0	18:45	94	0.0025	2.518797	18:45	N/A	0.0014716	1.4716	18:45	51	0.0000	0.0000	
19:00	78	0.0000	0	19:00	94	0.0017	1.696465	19:00	N/A	0.0014297	1.4297	19:00	51	0.0000	0.0000	
19:15	78	0.0000	0	19:15	94	0.0014	1.416158	19:15	N/A	0.0012235	1.2235	19:15	51	0.0000	0.0000	
19:30	78	0.0000	0	19:30	94	0.0008	0.817733	19:30	N/A	0.0031074	3.1074	19:30	51	0.0000	0.0000	
19:45	78	0.0000	0	19:45	94	0.0005	0.497609	19:45	N/A	0.002946	2.9460	19:45	51	0.0000	0.0000	
20:00	78	0.0000	0	20:00	94	0.0005	0.543178	20:00	N/A	0.0024583	2.4583	20:00	51	0.0000	0.0000	
20:15	78	0.0000	0	20:15	94	0.0005	0.543178	20:15	N/A	0.003563	3.5630	20:15	51	0.0000	0.0000	
20:30	78	0.0000	0	20:30	94	0.0000	0.028999	20:30	N/A	0.0034827	3.4827	20:30	51	0.0000	0.0000	
20:45	78	0.0000	0	20:45	94	0.0007	0.688847	20:45	N/A	0.0058444	5.8444	20:45	51	0.0000	0.0000	
21:00	78	0.0000	0	21:00	94	0.0002	0.249434	21:00	N/A	0.0068929	6.8929	21:00	51	0.0000	0.0000	
21:15	78	0.0000	0	21:15	94	0.0004	0.434303	21:15	N/A	0.0060844	6.0844	21:15	51	0.0000	0.0000	
21:30	78	0.0000	0	21:30	94	0.0007	0.741522	21:30	N/A	0.0067224	6.7224	21:30	51	0.0000	0.0000	
21:45	78	0.0000	0	21:45	94	0.0000	0	21:45	N/A	0.0075736	7.5736	21:45	51	0.0000	0.0000	
22:00	78	0.0000	0	22:00	94	0.0017	1.653342	22:00	N/A	0.0067552	6.7552	22:00	51	0.0000	0.0000	
22:15	78	0.0000	0	22:15	94	0.0017	1.653342	22:15	N/A	0.0073326	7.3326	22:15	51	0.0000	0.0000	
22:30	78	0.0000	0	22:30	94	0.0042	4.191165	22:30	N/A	0.0091965	9.1965	22:30	51	0.0000	0.0000	
22:45	78	0.0000	0	22:45	94	0.0070	7.042445	22:45	N/A	0.0092931	9.2931	22:45	51	0.0000	0.0000	
23:00	78	0.0000	0	23:00	94	0.0023	2.334896	23:00	N/A	0.0079925	7.9925	23:00	51	0.0000	0.0000	
23:15	78	0.0000	0	23:15	94	0.0023	2.334896	23:15	N/A	0.0065507	6.5507	23:15	51	0.0000	0.0000	
23:30	78	0.0000	0	23:30	94	0.0023	2.334896	23:30	N/A	0.0072024	7.2024	23:30	51	0.0000	0.0000	
23:45	78	0.0000	0	23:45	94	0.0024	2.372985	23:45	N/A	0.0074202	7.4202	23:45	51	0.0000	0.0000	

12:00	78	0.0000	0.0000	12:00	94	0.0045	4.4717	12:00	N/A	0.0000	0.0000	12:00	51	0.0097	9.7172	
12:15	78	0.0000	0.0000	12:15	94	0.0094	9.3735	12:15	N/A	0.0000	0.0000	12:15	51	0.0110	10.9710	
12:30	78	0.0000	0.0000	12:30	94	0.0000	0.0000	12:30	N/A	0.0000	0.0000	12:30	51	0.0036	3.5901	
12:45	78	0.0000	0.0000	12:45	94	0.0000	0.0000	12:45	N/A	0.0000	0.0000	12:45	51	0.0036	3.5901	
13:00	78	0.0000	0.0000	13:00	94	0.0000	0.0000	13:00	N/A	0.0000	0.0000	13:00	51	0.0035	3.4960	
13:15	78	0.0000	0.0000	13:15	94	0.0125	12.5082	13:15	N/A	0.0000	0.0000	13:15	51	0.0035	3.4960	
13:30	78	0.0000	0.0000	13:30	94	0.0053	5.2670	13:30	N/A	0.0000	0.0000	13:30	51	0.0033	3.2958	
13:45	78	0.0000	0.0000	13:45	94	0.0053	5.2670	13:45	N/A	0.0000	0.0000	13:45	51	0.0033	3.2958	
14:00	78	0.0000	0.0000	14:00	94	0.0000	0.0000	14:00	N/A	0.0000	0.0000	14:00	51	0.0029	2.9464	
14:15	78	0.0000	0.0000	14:15	94	0.0087	8.6594	14:15	N/A	0.0009	0.8701	14:15	51	0.0082	8.1502	
14:30	78	0.0000	0.0000	14:30	94	0.0087	8.6594	14:30	N/A	0.0023	2.2636	14:30	51	0.0029	2.8746	
14:45	78	0.0000	0.0000	14:45	94	0.0000	0.0000	14:45	N/A	0.0022	2.2400	14:45	51	0.0029	2.8746	
15:00	78	0.0000	0.0000	15:00	94	0.0044	4.3870	15:00	N/A	0.0023	2.2822	15:00	51	0.0059	5.9236	
15:15	78	0.0000	0.0000	15:15	94	0.0043	4.3478	15:15	N/A	0.0030	3.0133	15:15	51	0.0090	8.9717	
15:30	78	0.0000	0.0000	15:30	94	0.0044	4.4100	15:30	N/A	0.0026	2.6383	15:30	51	0.0088	8.7543	
15:45	78	0.0000	0.0000	15:45	94	0.0000	0.0000	15:45	N/A	0.0027	2.6985	15:45	51	0.0088	8.7543	
16:00	78	0.0000	0.0000	16:00	94	0.0000	0.0000	16:00	N/A	0.0032	3.2156	16:00	51	0.0060	5.9604	
16:15	78	0.0000	0.0000	16:15	94	0.0000	0.0000	16:15	N/A	0.0035	3.5385	16:15	51	0.0093	9.3049	
16:30	78	0.0000	0.0000	16:30	94	0.0053	5.3386	16:30	N/A	0.0039	3.9007	16:30	51	0.0090	8.9763	
16:45	78	0.0000	0.0000	16:45	94	0.0053	5.3386	16:45	N/A	0.0046	4.5779	16:45	51	0.0086	8.5680	
17:00	78	0.0000	0.0000	17:00	94	0.0000	0.0000	17:00	N/A	0.0053	5.2815	17:00	51	0.0028	2.8207	
17:15	78	0.0000	0.0000	17:15	94	0.0000	0.0000	17:15	N/A	0.0055	5.5473	17:15	51	0.0086	8.5627	
17:30	78	0.0000	0.0000	17:30	94	0.0103	10.3045	17:30	N/A	0.0044	4.3707	17:30	51	0.0087	8.6650	
17:45	78	0.0000	0.0000	17:45	94	0.0052	5.1580	17:45	N/A	0.0052	5.1894	17:45	51	0.0029	2.9125	
18:00	78	0.0000	0.0000	18:00	94	0.0100	9.9687	18:00	N/A	0.0059	5.8728	18:00	51	0.0000	0.0000	
18:15	78	0.0000	0.0000	18:15	94	0.0000	0.0000	18:15	N/A	0.0073	7.3181	18:15	51	0.0028	2.7827	
18:30	78	0.0000	0.0000	18:30	94	0.0045	4.5120	18:30	N/A	0.0059	5.9203	18:30	51	0.0082	8.2325	
18:45	78	0.0000	0.0000	18:45	94	0.0037	3.6612	18:45	N/A	0.0044	4.3733	18:45	51	0.0079	7.8910	
19:00	78	0.0000	0.0000	19:00	94	0.0073	7.3256	19:00	N/A	0.0029	2.9115	19:00	51	0.0074	7.3526	
19:15	78	0.0000	0.0000	19:15	94	0.0102	10.2382	19:15	N/A	0.0027	2.7117	19:15	51	0.0000	0.0000	
19:30	78	0.0000	0.0000	19:30	94	0.0029	2.8749	19:30	N/A	0.0013	1.2673	19:30	51	0.0024	2.4453	
19:45	78	0.0000	0.0000	19:45	94	0.0029	2.8749	19:45	N/A	0.0000	0.0000	19:45	51	0.0024	2.4453	
20:00	78	0.0000	0.0000	20:00	94	0.0000	0.0000	20:00	N/A	0.0000	0.0000	20:00	51	0.0026	2.6265	
20:15	78	0.0000	0.0000	20:15	94	0.0000	0.0000	20:15	N/A	0.0000	0.0000	20:15	51	0.0026	2.6480	
20:30	78	0.0000	0.0000	20:30	94	0.0000	0.0000	20:30	N/A	0.0000	0.0000	20:30	51	0.0053	5.3011	
20:45	78	0.0000	0.0000	20:45	94	0.0028	2.7545	20:45	N/A	0.0000	0.0000	20:45	51	0.0026	2.5729	
21:00	78	0.0000	0.0000	21:00	94	0.0025	2.5040	21:00	N/A	0.0000	0.0000	21:00	51	0.0051	5.1079	
21:15	78	0.0000	0.0000	21:15	94	0.0051	5.1077	21:15	N/A	0.0000	0.0000	21:15	51	0.0023	2.3471	
21:30	78	0.0000	0.0000	21:30	94	0.0051	5.1077	21:30	N/A	0.0000	0.0000	21:30	51	0.0047	4.7104	
21:45	78	0.0000	0.0000	21:45	94	0.0000	0.0000	21:45	N/A	0.0000	0.0000	21:45	51	0.0047	4.7104	
22:00	78	0.0000	0.0000	22:00	94	0.0000	0.0000	22:00	N/A	0.0000	0.0000	22:00	51	0.0083	8.2834	
22:15	78	0.0000	0.0000	22:15	94	0.0000	0.0000	22:15	N/A	0.0000	0.0000	22:15	51	0.0052	5.2127	
22:30	78	0.0000	0.0000	22:30	94	0.0000	0.0000	22:30	N/A	0.0000	0.0000	22:30	51	0.0077	7.6851	
22:45	78	0.0000	0.0000	22:45	94	0.0064	6.3680	22:45	N/A	0.0000	0.0000	22:45	51	0.0024	2.3583	
23:00	78	0.0000	0.0000	23:00	94	0.0088	8.7684	23:00	N/A	0.0000	0.0000	23:00	51	0.0077	7.6745	
23:15	78	0.0000	0.0000	23:15	94	0.0026	2.6483	23:15	N/A	0.0000	0.0000	23:15	51	0.0081	8.1187	
23:30	78	0.0000	0.0000	23:30	94	0.0026	2.5604	23:30	N/A	0.0000	0.0000	23:30	51	0.0081	8.0978	
23:45	78	0.0000	0.0467	23:45	94	0.0049	4.9466	23:45	N/A	0.0000	0.0000	23:45	51	0.0079	7.8665	

12:00	78	0.0000	0.0000	12:00	94	0.0175	17.4759	12:00	N/A	0.0000	0.0000	12:00	51	0.0156	15.5631	
12:15	78	0.0000	0.0000	12:15	94	0.0175	17.4759	12:15	N/A	0.0000	0.0000	12:15	51	0.0106	10.6499	
12:30	78	0.0000	0.0000	12:30	94	0.0126	12.6200	12:30	N/A	0.0004	0.4097	12:30	51	0.0165	16.4837	
12:45	78	0.0000	0.0000	12:45	94	0.0197	19.6604	12:45	N/A	0.0014	1.4378	12:45	51	0.0169	16.9216	
13:00	78	0.0000	0.0000	13:00	94	0.0067	6.6907	13:00	N/A	0.0022	2.1640	13:00	51	0.0167	16.7307	
13:15	78	0.0000	0.0000	13:15	94	0.0189	18.9396	13:15	N/A	0.0023	2.2626	13:15	51	0.0167	16.7307	
13:30	78	0.0000	0.0000	13:30	94	0.0191	19.0924	13:30	N/A	0.0027	2.7024	13:30	51	0.0105	10.4729	
13:45	78	0.0000	0.0000	13:45	94	0.0125	12.5220	13:45	N/A	0.0034	3.3577	13:45	51	0.0053	5.2860	
14:00	78	0.0000	0.0000	14:00	94	0.0189	18.9119	14:00	N/A	0.0052	5.1841	14:00	51	0.0109	10.8896	
14:15	78	0.0000	0.0000	14:15	94	0.0186	18.6124	14:15	N/A	0.0069	6.9157	14:15	51	0.0167	16.6593	
14:30	78	0.0000	0.0000	14:30	94	0.0184	18.4437	14:30	N/A	0.0083	8.2864	14:30	51	0.0109	10.9421	
14:45	78	0.0000	0.0000	14:45	94	0.0179	17.9287	14:45	N/A	0.0102	10.1679	14:45	51	0.0110	11.0187	
15:00	78	0.0000	0.0000	15:00	94	0.0184	18.3786	15:00	N/A	0.0113	11.2869	15:00	51	0.0057	5.6989	
15:15	78	0.0001	0.0764	15:15	94	0.0194	19.3951	15:15	N/A	0.0113	11.3197	15:15	51	0.0057	5.6989	
15:30	78	0.0000	0.0000	15:30	94	0.0134	13.4338	15:30	N/A	0.0121	12.0763	15:30	51	0.0172	17.1874	
15:45	78	0.0000	0.0000	15:45	94	0.0134	13.4338	15:45	N/A	0.0116	11.6077	15:45	51	0.0000	0.0000	
16:00	78	0.0000	0.0000	16:00	94	0.0146	14.5997	16:00	N/A	0.0121	12.0511	16:00	51	0.0172	17.1545	
16:15	78	0.0000	0.0000	16:15	94	0.0076	7.6152	16:15	N/A	0.0123	12.3462	16:15	51	0.0114	11.4352	
16:30	78	0.0000	0.0000	16:30	94	0.0223	22.2639	16:30	N/A	0.0117	11.6764	16:30	51	0.0167	16.7084	
16:45	78	0.0000	0.0000	16:45	94	0.0148	14.8390	16:45	N/A	0.0103	10.3222	16:45	51	0.0165	16.5482	
17:00	78	0.0000	0.0000	17:00	94	0.0148	14.8390	17:00	N/A	0.0099	9.9453	17:00	51	0.0054	5.4260	
17:15	78	0.0000	0.0000	17:15	94	0.0217	21.7310	17:15	N/A	0.0087	8.6617	17:15	51	0.0163	16.3007	
17:30	78	0.0000	0.0000	17:30	94	0.0222	22.2085	17:30	N/A	0.0095	9.4700	17:30	51	0.0000	0.0000	
17:45	78	0.0000	0.0000	17:45	94	0.0219	21.8726	17:45	N/A	0.0094	9.3747	17:45	51	0.0000	0.0000	
18:00	78	0.0000	0.0000	18:00	94	0.0219	21.8726	18:00	N/A	0.0095	9.4726	18:00	51	0.0000	0.0000	
18:15	78	0.0000	0.0000	18:15	94	0.0139	13.8724	18:15	N/A	0.0092	9.2026	18:15	51	0.0117	11.6789	
18:30	78	0.0000	0.0000	18:30	94	0.0126	12.5587	18:30	N/A	0.0081	8.1001	18:30	51	0.0120	11.9932	
18:45	78	0.0000	0.0000	18:45	94	0.0126	12.5587	18:45	N/A	0.0076	7.5730	18:45	51	0.0059	5.9275	
19:00	78	0.0000	0.0000	19:00	94	0.0122	12.1668	19:00	N/A	0.0065	6.5167	19:00	51	0.0059	5.9275	
19:15	78	0.0000	0.0000	19:15	94	0.0172	17.1705	19:15	N/A	0.0042	4.2345	19:15	51	0.0058	5.7707	
19:30	78	0.0000	0.0000	19:30	94	0.0166	16.6339	19:30	N/A	0.0041	4.0511	19:30	51	0.0058	5.8413	
19:45	78	0.0000	0.0000	19:45	94	0.0166	16.5550	19:45	N/A	0.0045	4.5250	19:45	51	0.0118	11.8054	
20:00	78	0.0000	0.0000	20:00	94	0.0164	16.3963	20:00	N/A	0.0046	4.6339	20:00	51	0.0118	11.8054	
20:15	78	0.0000	0.0000	20:15	94	0.0167	16.6707	20:15	N/A	0.0036	3.5568	20:15	51	0.0123	12.2963	
20:30	78	0.0000	0.0000	20:30	94	0.0165	16.5349	20:30	N/A	0.0029	2.8802	20:30	51	0.0188	18.8212	
20:45	78	0.0000	0.0000	20:45	94	0.0162	16.1919	20:45	N/A	0.0023	2.3257	20:45	51	0.0128	12.7987	
21:00	78	0.0000	0.0000	21:00	94	0.0159	15.8612	21:00	N/A	0.0012	1.2451	21:00	51	0.0128	12.7803	
21:15	78	0.0000	0.0000	21:15	94	0.0155	15.4587	21:15	N/A	0.0006	0.5833	21:15	51	0.0196	19.6417	
21:30	78	0.0000	0.0000	21:30	94	0.0155	15.4587	21:30	N/A	0.0004	0.4480	21:30	51	0.0130	13.0368	
21:45	78	0.0000	0.0000	21:45	94	0.0101	10.1439	21:45	N/A	0.0000	0.0000	21:45	51	0.0130	12.9745	
22:00	78	0.0000	0.0000	22:00	94	0.0147	14.7477	22:00	N/A	0.0000	0.0000	22:00	51	0.0130	12.9745	
22:15	78	0.0000	0.0000	22:15	94	0.0148	14.8260	22:15	N/A	0.0000	0.0000	22:15	51	0.0000	0.0000	
22:30	78	0.0000	0.0000	22:30	94	0.0147	14.7348	22:30	N/A	0.0000	0.0000	22:30	51	0.0198	19.7949	
22:45	78	0.0000	0.0000	22:45	94	0.0148	14.7551	22:45	N/A	0.0000	0.0000	22:45	51	0.0066	6.5869	
23:00	78	0.0000	0.0000	23:00	94	0.0148	14.7551	23:00	N/A	0.0000	0.0000	23:00	51	0.0199	19.9077	
23:15	78	0.0000	0.0000	23:15	94	0.0140	14.0464	23:15	N/A	0.0000	0.0000	23:15	51	0.0199	19.9077	
23:30	78	0.0000	0.0000	23:30	94	0.0142	14.1940	23:30	N/A	0.0000	0.0000	23:30	51	0.0199	19.9048	
23:45	78	0.0000	0.0000	23:45	94	0.0139	13.9462	23:45	N/A	0.0000	0.0000	23:45	51	0.0199	19.8533	

12:00	78	0.0000	0.0000	12:00	94	0.0107	10.7007	12:00	N/A	0.0000	0.0000	12:00	51	0.0428	42.8459	
12:15	78	0.0000	0.0000	12:15	94	0.0160	16.0208	12:15	N/A	0.0000	0.0000	12:15	51	0.0144	14.4296	
12:30	78	0.0000	0.0000	12:30	94	0.0156	15.6263	12:30	N/A	0.0000	0.0000	12:30	51	0.0439	43.8656	
12:45	78	0.0000	0.0000	12:45	94	0.0157	15.6948	12:45	N/A	0.0000	0.0000	12:45	51	0.0422	42.1548	
13:00	78	0.0000	0.0000	13:00	94	0.0152	15.2121	13:00	N/A	0.0000	0.0000	13:00	51	0.0422	42.1548	
13:15	78	0.0000	0.0000	13:15	94	0.0152	15.2121	13:15	N/A	0.0000	0.0000	13:15	51	0.0265	26.5199	
13:30	78	0.0000	0.0000	13:30	94	0.0101	10.0565	13:30	N/A	0.0000	0.0000	13:30	51	0.0000	0.0000	
13:45	78	0.0000	0.0000	13:45	94	0.0152	15.1751	13:45	N/A	0.0000	0.0000	13:45	51	0.0385	38.5118	
14:00	78	0.0000	0.0000	14:00	94	0.0151	15.0990	14:00	N/A	0.0000	0.0000	14:00	51	0.0257	25.7204	
14:15	78	0.0000	0.0000	14:15	94	0.0100	10.0250	14:15	N/A	0.0000	0.0000	14:15	51	0.0382	38.1581	
14:30	78	0.0000	0.0000	14:30	94	0.0153	15.3051	14:30	N/A	0.0000	0.0000	14:30	51	0.0253	25.3048	
14:45	78	0.0000	0.0000	14:45	94	0.0104	10.4435	14:45	N/A	0.0000	0.0000	14:45	51	0.0127	12.7399	
15:00	78	0.0000	0.0000	15:00	94	0.0155	15.4675	15:00	N/A	0.0000	0.0000	15:00	51	0.0387	38.7151	
15:15	78	0.0000	0.0000	15:15	94	0.0158	15.8422	15:15	N/A	0.0000	0.0000	15:15	51	0.0259	25.8853	
15:30	78	0.0000	0.0000	15:30	94	0.0157	15.7225	15:30	N/A	0.0000	0.0000	15:30	51	0.0259	25.8853	
15:45	78	0.0000	0.0000	15:45	94	0.0150	15.0375	15:45	N/A	0.0000	0.0000	15:45	51	0.0253	25.2611	
16:00	78	0.0000	0.0000	16:00	94	0.0141	14.1336	16:00	N/A	0.0000	0.0000	16:00	51	0.0346	34.5605	
16:15	78	0.0000	0.0000	16:15	94	0.0124	12.3828	16:15	N/A	0.0000	0.0000	16:15	51	0.0305	30.5057	
16:30	78	0.0000	0.0000	16:30	94	0.0126	12.5517	16:30	N/A	0.0001	0.0589	16:30	51	0.0097	9.6798	
16:45	78	0.0000	0.0000	16:45	94	0.0126	12.5517	16:45	N/A	0.0001	0.0994	16:45	51	0.0281	28.1358	
17:00	78	0.0000	0.0000	17:00	94	0.0078	7.8148	17:00	N/A	0.0001	0.0527	17:00	51	0.0268	26.7731	
17:15	78	0.0000	0.0000	17:15	94	0.0116	11.5786	17:15	N/A	0.0000	0.0000	17:15	51	0.0176	17.5908	
17:30	78	0.0000	0.0000	17:30	94	0.0067	6.7074	17:30	N/A	0.0000	0.0000	17:30	51	0.0086	8.5508	
17:45	78	0.0000	0.0000	17:45	94	0.0108	10.7873	17:45	N/A	0.0000	0.0000	17:45	51	0.0172	17.1987	
18:00	78	0.0000	0.0000	18:00	94	0.0101	10.1095	18:00	N/A	0.0000	0.0110	18:00	51	0.0168	16.7683	
18:15	78	0.0000	0.0000	18:15	94	0.0034	3.3917	18:15	N/A	0.0000	0.0000	18:15	51	0.0248	24.7959	
18:30	78	0.0000	0.0000	18:30	94	0.0093	9.2561	18:30	N/A	0.0000	0.0000	18:30	51	0.0247	24.7301	
18:45	78	0.0000	0.0000	18:45	94	0.0033	3.3452	18:45	N/A	0.0000	0.0000	18:45	51	0.0245	24.4758	
19:00	78	0.0000	0.0000	19:00	94	0.0065	6.4729	19:00	N/A	0.0000	0.0000	19:00	51	0.0246	24.6193	
19:15	78	0.0000	0.0000	19:15	94	0.0098	9.8455	19:15	N/A	0.0000	0.0000	19:15	51	0.0082	8.1992	
19:30	78	0.0000	0.0000	19:30	94	0.0035	3.5186	19:30	N/A	0.0000	0.0000	19:30	51	0.0087	8.6844	
19:45	78	0.0000	0.0000	19:45	94	0.0098	9.7621	19:45	N/A	0.0000	0.0000	19:45	51	0.0262	26.1598	
20:00	78	0.0000	0.0000	20:00	94	0.0098	9.7690	20:00	N/A	0.0000	0.0000	20:00	51	0.0266	26.5625	
20:15	78	0.0000	0.0000	20:15	94	0.0064	6.4123	20:15	N/A	0.0000	0.0000	20:15	51	0.0176	17.5585	
20:30	78	0.0000	0.0000	20:30	94	0.0092	9.2277	20:30	N/A	0.0000	0.0000	20:30	51	0.0256	25.6397	
20:45	78	0.0000	0.0000	20:45	94	0.0090	8.9774	20:45	N/A	0.0000	0.0000	20:45	51	0.0253	25.2757	
21:00	78	0.0000	0.0000	21:00	94	0.0056	5.6354	21:00	N/A	0.0000	0.0000	21:00	51	0.0166	16.6109	
21:15	78	0.0000	0.0000	21:15	94	0.0075	7.4573	21:15	N/A	0.0000	0.0000	21:15	51	0.0231	23.1123	
21:30	78	0.0000	0.0000	21:30	94	0.0075	7.5409	21:30	N/A	0.0000	0.0000	21:30	51	0.0225	22.5112	
21:45	78	0.0000	0.0000	21:45	94	0.0070	7.0421	21:45	N/A	0.0000	0.0000	21:45	51	0.0146	14.6348	
22:00	78	0.0000	0.0000	22:00	94	0.0045	4.4764	22:00	N/A	0.0000	0.0000	22:00	51	0.0143	14.2550	
22:15	78	0.0000	0.0000	22:15	94	0.0022	2.1547	22:15	N/A	0.0000	0.0000	22:15	51	0.0140	13.9703	
22:30	78	0.0000	0.0000	22:30	94	0.0039	3.9333	22:30	N/A	0.0000	0.0000	22:30	51	0.0140	13.9703	
22:45	78	0.0000	0.0000	22:45	94	0.0039	3.9333	22:45	N/A	0.0000	0.0000	22:45	51	0.0136	13.5641	
23:00	78	0.0000	0.0000	23:00	94	0.0039	3.8641	23:00	N/A	0.0000	0.0000	23:00	51	0.0069	6.8585	
23:15	78	0.0000	0.0000	23:15	94	0.0021	2.0851	23:15	N/A	0.0000	0.0000	23:15	51	0.0209	20.9349	
23:30	78	0.0000	0.0000	23:30	94	0.0061	6.0910	23:30	N/A	0.0000	0.0000	23:30	51	0.0214	21.4157	
23:45	78	0.0000	0.0000	23:45	94	0.0059	5.9088	23:45	N/A	0.0000	0.0000	23:45	51	0.0145	14.5422	

12:00	78	0.0000	0.0000	12:00	94	0.0093	9.2526	12:00	N/A	0.0003	0.2676	12:00	51	0.0425	42.4604	
12:15	78	0.0000	0.0000	12:15	94	0.0081	8.0546	12:15	N/A	0.0000	0.0000	12:15	51	0.0282	28.1869	
12:30	78	0.0000	0.0000	12:30	94	0.0000	0.0000	12:30	N/A	0.0000	0.0000	12:30	51	0.0423	42.3119	
12:45	78	0.0000	0.0000	12:45	94	0.0047	4.6520	12:45	N/A	0.0000	0.0000	12:45	51	0.0412	41.2298	
13:00	78	0.0000	0.0000	13:00	94	0.0013	1.3130	13:00	N/A	0.0000	0.0000	13:00	51	0.0412	41.2298	
13:15	78	0.0000	0.0000	13:15	94	0.0022	2.2324	13:15	N/A	0.0000	0.0000	13:15	51	0.0365	36.4939	
13:30	78	0.0000	0.0000	13:30	94	0.0022	2.2324	13:30	N/A	0.0000	0.0000	13:30	51	0.0323	32.2659	
13:45	78	0.0000	0.0000	13:45	94	0.0000	0.0000	13:45	N/A	0.0000	0.0000	13:45	51	0.0297	29.7344	
14:00	78	0.0000	0.0000	14:00	94	0.0025	2.4775	14:00	N/A	0.0000	0.0000	14:00	51	0.0297	29.7344	
14:15	78	0.0000	0.0000	14:15	94	0.0016	1.5562	14:15	N/A	0.0000	0.0000	14:15	51	0.0282	28.1892	
14:30	78	0.0000	0.0000	14:30	94	0.0025	2.4533	14:30	N/A	0.0000	0.0000	14:30	51	0.0282	28.1892	
14:45	78	0.0000	0.0000	14:45	94	0.0020	1.9911	14:45	N/A	0.0000	0.0000	14:45	51	0.0081	8.0640	
15:00	78	0.0000	0.0000	15:00	94	0.0008	0.8303	15:00	N/A	0.0000	0.0000	15:00	51	0.0152	15.1507	
15:15	78	0.0000	0.0000	15:15	94	0.0008	0.8303	15:15	N/A	0.0000	0.0000	15:15	51	0.0224	22.3750	
15:30	78	0.0000	0.0000	15:30	94	0.0009	0.9241	15:30	N/A	0.0000	0.0000	15:30	51	0.0221	22.0899	
15:45	78	0.0000	0.0000	15:45	94	0.0007	0.6610	15:45	N/A	0.0000	0.0000	15:45	51	0.0144	14.4377	
16:00	78	0.0000	0.0000	16:00	94	0.0003	0.3158	16:00	N/A	0.0001	0.0553	16:00	51	0.0143	14.3273	
16:15	78	0.0000	0.0000	16:15	94	0.0003	0.3405	16:15	N/A	0.0000	0.0000	16:15	51	0.0142	14.2069	
16:30	78	0.0000	0.0000	16:30	94	0.0003	0.3405	16:30	N/A	0.0000	0.0485	16:30	51	0.0212	21.2024	
16:45	78	0.0000	0.0000	16:45	94	0.0000	0.0000	16:45	N/A	0.0001	0.1339	16:45	51	0.0140	13.9781	
17:00	78	0.0000	0.0000	17:00	94	0.0000	0.0000	17:00	N/A	0.0000	0.0000	17:00	51	0.0141	14.0739	
17:15	78	0.0000	0.0000	17:15	94	0.0000	0.0000	17:15	N/A	0.0000	0.0000	17:15	51	0.0211	21.0797	
17:30	78	0.0000	0.0000	17:30	94	0.0006	0.5860	17:30	N/A	0.0000	0.0000	17:30	51	0.0211	21.0797	
17:45	78	0.0000	0.0000	17:45	94	0.0000	0.0000	17:45	N/A	0.0000	0.0000	17:45	51	0.0211	21.0797	
18:00	78	0.0000	0.0000	18:00	94	0.0001	0.0709	18:00	N/A	0.0000	0.0000	18:00	51	0.0215	21.5315	
18:15	78	0.0000	0.0000	18:15	94	0.0004	0.4165	18:15	N/A	0.0000	0.0000	18:15	51	0.0220	21.9563	
18:30	78	0.0000	0.0000	18:30	94	0.0002	0.2130	18:30	N/A	0.0000	0.0000	18:30	51	0.0145	14.5484	
18:45	78	0.0000	0.0000	18:45	94	0.0000	0.0000	18:45	N/A	0.0000	0.0000	18:45	51	0.0074	7.4348	
19:00	78	0.0000	0.0000	19:00	94	0.0000	0.0000	19:00	N/A	0.0000	0.0000	19:00	51	0.0230	23.0283	
19:15	78	0.0000	0.0000	19:15	94	0.0000	0.0000	19:15	N/A	0.0000	0.0000	19:15	51	0.0230	23.0283	
19:30	78	0.0000	0.0000	19:30	94	0.0000	0.0000	19:30	N/A	0.0000	0.0000	19:30	51	0.0087	8.7085	
19:45	78	0.0000	0.0000	19:45	94	0.0000	0.0000	19:45	N/A	0.0000	0.0000	19:45	51	0.0175	17.5472	
20:00	78	0.0000	0.0000	20:00	94	0.0000	0.0000	20:00	N/A	0.0000	0.0000	20:00	51	0.0276	27.5989	
20:15	78	0.0000	0.0000	20:15	94	0.0000	0.0000	20:15	N/A	0.0000	0.0000	20:15	51	0.0183	18.3096	
20:30	78	0.0000	0.0000	20:30	94	0.0000	0.0000	20:30	N/A	0.0000	0.0000	20:30	51	0.0267	26.6796	
20:45	78	0.0000	0.0000	20:45	94	0.0000	0.0000	20:45	N/A	0.0000	0.0000	20:45	51	0.0267	26.6796	
21:00	78	0.0000	0.0000	21:00	94	0.0000	0.0000	21:00	N/A	0.0000	0.0000	21:00	51	0.0159	15.9197	
21:15	78	0.0000	0.0000	21:15	94	0.0000	0.0000	21:15	N/A	0.0000	0.0000	21:15	51	0.0072	7.2062	
21:30	78	0.0000	0.0000	21:30	94	0.0000	0.0000	21:30	N/A	0.0000	0.0000	21:30	51	0.0072	7.2062	
21:45	78	0.0000	0.0000	21:45	94	0.0000	0.0000	21:45	N/A	0.0000	0.0000	21:45	51	0.0141	14.0548	
22:00	78	0.0000	0.0000	22:00	94	0.0000	0.0000	22:00	N/A	0.0000	0.0000	22:00	51	0.0141	14.1312	
22:15	78	0.0000	0.0000	22:15	94	0.0000	0.0000	22:15	N/A	0.0000	0.0000	22:15	51	0.0198	19.8043	
22:30	78	0.0000	0.0000	22:30	94	0.0000	0.0000	22:30	N/A	0.0000	0.0000	22:30	51	0.0122	12.2334	
22:45	78	0.0000	0.0000	22:45	94	0.0000	0.0000	22:45	N/A	0.0000	0.0000	22:45	51	0.0122	12.2334	
23:00	78	0.0000	0.0000	23:00	94	0.0000	0.0000	23:00	N/A	0.0000	0.0000	23:00	51	0.0125	12.5179	
23:15	78	0.0000	0.0000	23:15	94	0.0000	0.0000	23:15	N/A	0.0000	0.0000	23:15	51	0.0186	18.5680	
23:30	78	0.0000	0.0000	23:30	94	0.0000	0.0000	23:30	N/A	0.0000	0.0000	23:30	51	0.0057	5.7280	
23:45	78	0.0000	0.0000	23:45	94	0.0000	0.0000	23:45	N/A	0.0000	0.0000	23:45	51	0.0057	5.7280	



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

03/17/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/17/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/17/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/17/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	78	0.0000	0.0000	0:00	94	0.0000	0.0000	0:00	N/A	0.0000	0.0000	0:00	51	0.0052	5.1689	
0:15	78	0.0000	0.0000	0:15	94	0.0000	0.0000	0:15	N/A	0.0000	0.0000	0:15	51	0.0155	15.5475	
0:30	78	0.0000	0.0000	0:30	94	0.0000	0.0000	0:30	N/A	0.0000	0.0000	0:30	51	0.0103	10.2809	
0:45	78	0.0000	0.0000	0:45	94	0.0000	0.0000	0:45	N/A	0.0000	0.0000	0:45	51	0.0152	15.2286	
1:00	78	0.0000	0.0000	1:00	94	0.0000	0.0000	1:00	N/A	0.0000	0.0000	1:00	51	0.0149	14.8840	
1:15	78	0.0000	0.0000	1:15	94	0.0000	0.0000	1:15	N/A	0.0000	0.0000	1:15	51	0.0147	14.6598	
1:30	78	0.0000	0.0000	1:30	94	0.0000	0.0000	1:30	N/A	0.0000	0.0000	1:30	51	0.0147	14.6598	
1:45	78	0.0000	0.0000	1:45	94	0.0000	0.0000	1:45	N/A	0.0000	0.0000	1:45	51	0.0045	4.4857	
2:00	78	0.0000	0.0000	2:00	94	0.0000	0.0000	2:00	N/A	0.0000	0.0000	2:00	51	0.0134	13.3812	
2:15	78	0.0000	0.0000	2:15	94	0.0000	0.0000	2:15	N/A	0.0000	0.0000	2:15	51	0.0134	13.3812	
2:30	78	0.0000	0.0000	2:30	94	0.0000	0.0000	2:30	N/A	0.0000	0.0000	2:30	51	0.0134	13.3812	
2:45	78	0.0000	0.0000	2:45	94	0.0000	0.0000	2:45	N/A	0.0000	0.0000	2:45	51	0.0131	13.0808	
3:00	78	0.0000	0.0000	3:00	94	0.0000	0.0000	3:00	N/A	0.0000	0.0000	3:00	51	0.0141	14.1374	
3:15	78	0.0000	0.0000	3:15	94	0.0000	0.0000	3:15	N/A	0.0000	0.0000	3:15	51	0.0141	14.1374	
3:30	78	0.0000	0.0000	3:30	94	0.0000	0.0000	3:30	N/A	0.0000	0.0000	3:30	51	0.0048	4.7744	
3:45	78	0.0000	0.0000	3:45	94	0.0000	0.0000	3:45	N/A	0.0000	0.0000	3:45	51	0.0048	4.7744	
4:00	78	0.0000	0.0000	4:00	94	0.0000	0.0000	4:00	N/A	0.0000	0.0000	4:00	51	0.0136	13.5855	
4:15	78	0.0000	0.0000	4:15	94	0.0000	0.0000	4:15	N/A	0.0000	0.0000	4:15	51	0.0136	13.5855	
4:30	78	0.0000	0.0000	4:30	94	0.0000	0.0000	4:30	N/A	0.0000	0.0000	4:30	51	0.0134	13.3922	
4:45	78	0.0000	0.0000	4:45	94	0.0000	0.0000	4:45	N/A	0.0000	0.0000	4:45	51	0.0134	13.3922	
5:00	78	0.0000	0.0000	5:00	94	0.0000	0.0000	5:00	N/A	0.0000	0.0000	5:00	51	0.0134	13.3922	
5:15	78	0.0000	0.0000	5:15	94	0.0000	0.0000	5:15	N/A	0.0000	0.0000	5:15	51	0.0083	8.3171	
5:30	78	0.0000	0.0000	5:30	94	0.0000	0.0000	5:30	N/A	0.0000	0.0000	5:30	51	0.0041	4.1452	
5:45	78	0.0000	0.0000	5:45	94	0.0000	0.0000	5:45	N/A	0.0000	0.0000	5:45	51	0.0040	4.0438	
6:00	78	0.0000	0.0000	6:00	94	0.0000	0.0000	6:00	N/A	0.0000	0.0000	6:00	51	0.0075	7.4575	
6:15	78	0.0000	0.0000	6:15	94	0.0000	0.0000	6:15	N/A	0.0000	0.0000	6:15	51	0.0070	7.0110	
6:30	78	0.0000	0.0000	6:30	94	0.0000	0.0000	6:30	N/A	0.0000	0.0000	6:30	51	0.0035	3.4642	
6:45	78	0.0000	0.0000	6:45	94	0.0000	0.0000	6:45	N/A	0.0000	0.0000	6:45	51	0.0034	3.4192	
7:00	78	0.0000	0.0000	7:00	94	0.0000	0.0000	7:00	N/A	0.0000	0.0000	7:00	51	0.0034	3.4192	
7:15	78	0.0000	0.0000	7:15	94	0.0000	0.0000	7:15	N/A	0.0000	0.0000	7:15	51	0.0030	3.0179	
7:30	78	0.0000	0.0000	7:30	94	0.0000	0.0000	7:30	N/A	0.0000	0.0000	7:30	51	0.0091	9.1080	
7:45	78	0.0000	0.0000	7:45	94	0.0000	0.0000	7:45	N/A	0.0000	0.0000	7:45	51	0.0029	2.9384	
8:00	78	0.0000	0.0000	8:00	94	0.0000	0.0000	8:00	N/A	0.0000	0.0000	8:00	51	0.0060	5.9690	
8:15	78	0.0000	0.0000	8:15	94	0.0000	0.0000	8:15	N/A	0.0000	0.0000	8:15	51	0.0093	9.3065	
8:30	78	0.0000	0.0000	8:30	94	0.0000	0.0000	8:30	N/A	0.0000	0.0000	8:30	51	0.0095	9.4642	
8:45	78	0.0000	0.0000	8:45	94	0.0000	0.0000	8:45	N/A	0.0000	0.0000	8:45	51	0.0095	9.4642	
9:00	78	0.0000	0.0000	9:00	94	0.0000	0.0000	9:00	N/A	0.0000	0.0000	9:00	51	0.0062	6.2046	
9:15	78	0.0000	0.0000	9:15	94	0.0000	0.0000	9:15	N/A	0.0000	0.0000	9:15	51	0.0096	9.6109	
9:30	78	0.0000	0.0000	9:30	94	0.0000	0.0000	9:30	N/A	0.0000	0.0000	9:30	51	0.0031	3.1212	
9:45	78	0.0000	0.0000	9:45	94	0.0000	0.0000	9:45	N/A	0.0000	0.0000	9:45	51	0.0066	6.5517	
10:00	78	0.0000	0.0000	10:00	94	0.0000	0.0000	10:00	N/A	0.0000	0.0000	10:00	51	0.0066	6.5517	
10:15	78	0.0000	0.0000	10:15	94	0.0000	0.0000	10:15	N/A	0.0000	0.0000	10:15	51	0.0098	9.7760	
10:30	78	0.0000	0.0000	10:30	94	0.0000	0.0000	10:30	N/A	0.0000	0.0000	10:30	51	0.0063	6.2607	
10:45	78	0.0000	0.0000	10:45	94	0.0000	0.0000	10:45	N/A	0.0000	0.0000	10:45	51	0.0086	8.6035	
11:00	78	0.0000	0.0000	11:00	94	0.0000	0.0000	11:00	N/A	0.0000	0.0000	11:00	51	0.0086	8.6482	
11:15	78	0.0000	0.0000	11:15	94	0.0000	0.0000	11:15	N/A	0.0000	0.0000	11:15	51	0.0079	7.9363	
11:30	78	0.0000	0.0000	11:30	94	0.0000	0.0000	11:30	N/A	0.0000	0.0000	11:30	51	0.0076	7.6308	
11:45	78	0.0000	0.0000	11:45	94	0.0000	0.0000	11:45	N/A	0.0000	0.0000	11:45	51	0.0076	7.6308	

12:00	78	0.0000	0.0000	12:00	94	0.0000	0.0000	12:00	N/A	0.0000	0.0000	12:00	51	0.0000	0.0000	
12:15	78	0.0000	0.0000	12:15	94	0.0000	0.0000	12:15	N/A	0.0000	0.0000	12:15	51	0.0000	0.0000	
12:30	78	0.0000	0.0000	12:30	94	0.0000	0.0000	12:30	N/A	0.0000	0.0000	12:30	51	0.0000	0.0000	
12:45	78	0.0000	0.0000	12:45	94	0.0000	0.0000	12:45	N/A	0.0000	0.0000	12:45	51	0.0000	0.0000	
13:00	78	0.0000	0.0000	13:00	94	0.0000	0.0000	13:00	N/A	0.0000	0.0000	13:00	51	0.0000	0.0000	
13:15	78	0.0000	0.0000	13:15	94	0.0000	0.0000	13:15	N/A	0.0000	0.0000	13:15	51	0.0000	0.0000	
13:30	78	0.0000	0.0000	13:30	94	0.0000	0.0000	13:30	N/A	0.0000	0.0000	13:30	51	0.0000	0.0000	
13:45	78	0.0000	0.0000	13:45	94	0.0000	0.0000	13:45	N/A	0.0000	0.0000	13:45	51	0.0000	0.0000	
14:00	78	0.0000	0.0000	14:00	94	0.0000	0.0000	14:00	N/A	0.0000	0.0000	14:00	51	0.0000	0.0000	
14:15	78	0.0000	0.0000	14:15	94	0.0000	0.0000	14:15	N/A	0.0000	0.0000	14:15	51	0.0000	0.0000	
14:30	78	0.0000	0.0000	14:30	94	0.0000	0.0000	14:30	N/A	0.0000	0.0000	14:30	51	0.0000	0.0000	
14:45	78	0.0000	0.0000	14:45	94	0.0000	0.0000	14:45	N/A	0.0003	0.2792	14:45	51	0.0000	0.0000	
15:00	78	0.0000	0.0000	15:00	94	0.0000	0.0000	15:00	N/A	0.0005	0.4651	15:00	51	0.0000	0.0000	
15:15	78	0.0000	0.0000	15:15	94	0.0000	0.0000	15:15	N/A	0.0011	1.0727	15:15	51	0.0000	0.0000	
15:30	78	0.0000	0.0000	15:30	94	0.0000	0.0000	15:30	N/A	0.0009	0.8769	15:30	51	0.0000	0.0000	
15:45	78	0.0000	0.0000	15:45	94	0.0000	0.0000	15:45	N/A	0.0009	0.8524	15:45	51	0.0000	0.0000	
16:00	78	0.0000	0.0000	16:00	94	0.0000	0.0000	16:00	N/A	0.0017	1.7484	16:00	51	0.0000	0.0000	
16:15	78	0.0000	0.0000	16:15	94	0.0000	0.0000	16:15	N/A	0.0027	2.7065	16:15	51	0.0000	0.0000	
16:30	78	0.0000	0.0000	16:30	94	0.0000	0.0000	16:30	N/A	0.0032	3.1765	16:30	51	0.0000	0.0000	
16:45	78	0.0000	0.0000	16:45	94	0.0000	0.0000	16:45	N/A	0.0034	3.4299	16:45	51	0.0000	0.0000	
17:00	78	0.0000	0.0000	17:00	94	0.0000	0.0000	17:00	N/A	0.0035	3.5017	17:00	51	0.0000	0.0000	
17:15	78	0.0000	0.0000	17:15	94	0.0000	0.0000	17:15	N/A	0.0042	4.1529	17:15	51	0.0000	0.0000	
17:30	78	0.0000	0.0000	17:30	94	0.0000	0.0000	17:30	N/A	0.0042	4.1622	17:30	51	0.0001	0.0775	
17:45	78	0.0000	0.0000	17:45	94	0.0000	0.0000	17:45	N/A	0.0039	3.8565	17:45	51	0.0000	0.0000	
18:00	78	0.0000	0.0000	18:00	94	0.0000	0.0000	18:00	N/A	0.0043	4.2876	18:00	51	0.0000	0.0000	
18:15	78	0.0000	0.0000	18:15	94	0.0000	0.0000	18:15	N/A	0.0042	4.1574	18:15	51	0.0000	0.0000	
18:30	78	0.0000	0.0000	18:30	94	0.0000	0.0000	18:30	N/A	0.0047	4.6893	18:30	51	0.0000	0.0000	
18:45	78	0.0000	0.0000	18:45	94	0.0000	0.0000	18:45	N/A	0.0043	4.3166	18:45	51	0.0000	0.0000	
19:00	78	0.0000	0.0000	19:00	94	0.0000	0.0000	19:00	N/A	0.0024	2.3557	19:00	51	0.0010	1.0241	
19:15	78	0.0000	0.0000	19:15	94	0.0000	0.0000	19:15	N/A	0.0031	3.0971	19:15	51	0.0000	0.0000	
19:30	78	0.0000	0.0000	19:30	94	0.0000	0.0000	19:30	N/A	0.0038	3.8339	19:30	51	0.0000	0.0000	
19:45	78	0.0000	0.0000	19:45	94	0.0000	0.0000	19:45	N/A	0.0053	5.2765	19:45	51	0.0000	0.0000	
20:00	78	0.0000	0.0000	20:00	94	0.0000	0.0000	20:00	N/A	0.0053	5.2765	20:00	51	0.0000	0.0000	
20:15	78	0.0000	0.0000	20:15	94	0.0000	0.0000	20:15	N/A	0.0045	4.5330	20:15	51	0.0000	0.0000	
20:30	78	0.0000	0.0000	20:30	94	0.0000	0.0000	20:30	N/A	0.0052	5.2090	20:30	51	0.0000	0.0000	
20:45	78	0.0000	0.0000	20:45	94	0.0000	0.0000	20:45	N/A	0.0043	4.3278	20:45	51	0.0000	0.0000	
21:00	78	0.0000	0.0000	21:00	94	0.0000	0.0000	21:00	N/A	0.0053	5.2660	21:00	51	0.0000	0.0000	
21:15	78	0.0000	0.0000	21:15	94	0.0000	0.0000	21:15	N/A	0.0055	5.5380	21:15	51	0.0000	0.0000	
21:30	78	0.0000	0.0000	21:30	94	0.0000	0.0000	21:30	N/A	0.0048	4.8211	21:30	51	0.0000	0.0000	
21:45	78	0.0000	0.0000	21:45	94	0.0000	0.0000	21:45	N/A	0.0049	4.9284	21:45	51	0.0000	0.0000	
22:00	78	0.0000	0.0000	22:00	94	0.0000	0.0000	22:00	N/A	0.0060	6.0429	22:00	51	0.0000	0.0000	
22:15	78	0.0000	0.0000	22:15	94	0.0000	0.0000	22:15	N/A	0.0052	5.1513	22:15	51	0.0000	0.0000	
22:30	78	0.0000	0.0000	22:30	94	0.0000	0.0000	22:30	N/A	0.0045	4.5460	22:30	51	0.0000	0.0000	
22:45	78	0.0000	0.0000	22:45	94	0.0000	0.0000	22:45	N/A	0.0042	4.2183	22:45	51	0.0000	0.0000	
23:00	78	0.0000	0.0000	23:00	94	0.0000	0.0000	23:00	N/A	0.0046	4.6020	23:00	51	0.0000	0.0000	
23:15	78	0.0000	0.0000	23:15	94	0.0000	0.0000	23:15	N/A	0.0062	6.2442	23:15	51	0.0000	0.0000	
23:30	78	0.0000	0.0000	23:30	94	0.0000	0.0000	23:30	N/A	0.0054	5.3589	23:30	51	0.0000	0.0000	
23:45	78	0.0000	0.0000	23:45	94	0.0000	0.0000	23:45	N/A	0.0042	4.1635	23:45	51	0.0000	0.0000	

12:00	78	0.0000	0.0000	12:00	94	0.0000	0.0000	12:00	N/A	0.0000	0.0000	12:00	51	0.0000	0.0000	
12:15	78	0.0000	0.0000	12:15	94	0.0000	0.0000	12:15	N/A	0.0000	0.0000	12:15	51	0.0000	0.0000	
12:30	78	0.0000	0.0000	12:30	94	0.0000	0.0000	12:30	N/A	0.0000	0.0000	12:30	51	0.0000	0.0000	
12:45	78	0.0000	0.0000	12:45	94	0.0000	0.0000	12:45	N/A	0.0000	0.0000	12:45	51	0.0000	0.0000	
13:00	78	0.0000	0.0000	13:00	94	0.0000	0.0000	13:00	N/A	0.0000	0.0000	13:00	51	0.0000	0.0000	
13:15	78	0.0000	0.0000	13:15	94	0.0000	0.0000	13:15	N/A	0.0000	0.0000	13:15	51	0.0000	0.0000	
13:30	78	0.0000	0.0000	13:30	94	0.0000	0.0000	13:30	N/A	0.0006	0.6352	13:30	51	0.0000	0.0000	
13:45	78	0.0000	0.0000	13:45	94	0.0000	0.0000	13:45	N/A	0.0000	0.0000	13:45	51	0.0000	0.0000	
14:00	78	0.0000	0.0000	14:00	94	0.0000	0.0000	14:00	N/A	0.0000	0.0000	14:00	51	0.0000	0.0000	
14:15	78	0.0000	0.0000	14:15	94	0.0000	0.0000	14:15	N/A	0.0027	2.6547	14:15	51	0.0000	0.0000	
14:30	78	0.0000	0.0000	14:30	94	0.0000	0.0000	14:30	N/A	0.0053	5.2504	14:30	51	0.0000	0.0000	
14:45	78	0.0000	0.0000	14:45	94	0.0000	0.0000	14:45	N/A	0.0070	7.0230	14:45	51	0.0000	0.0000	
15:00	78	0.0000	0.0000	15:00	94	0.0000	0.0000	15:00	N/A	0.0085	8.4709	15:00	51	0.0000	0.0000	
15:15	78	0.0000	0.0000	15:15	94	0.0000	0.0000	15:15	N/A	0.0080	7.9886	15:15	51	0.0000	0.0000	
15:30	78	0.0000	0.0000	15:30	94	0.0000	0.0000	15:30	N/A	0.0086	8.6367	15:30	51	0.0000	0.0000	
15:45	78	0.0000	0.0000	15:45	94	0.0000	0.0000	15:45	N/A	0.0082	8.1532	15:45	51	0.0000	0.0000	
16:00	78	0.0000	0.0000	16:00	94	0.0000	0.0000	16:00	N/A	0.0076	7.6235	16:00	51	0.0000	0.0000	
16:15	78	0.0000	0.0000	16:15	94	0.0000	0.0000	16:15	N/A	0.0073	7.2952	16:15	51	0.0000	0.0000	
16:30	78	0.0000	0.0000	16:30	94	0.0000	0.0000	16:30	N/A	0.0060	5.9997	16:30	51	0.0000	0.0000	
16:45	78	0.0000	0.0000	16:45	94	0.0000	0.0000	16:45	N/A	0.0046	4.6410	16:45	51	0.0000	0.0000	
17:00	78	0.0000	0.0000	17:00	94	0.0000	0.0000	17:00	N/A	0.0039	3.8800	17:00	51	0.0000	0.0000	
17:15	78	0.0000	0.0000	17:15	94	0.0000	0.0000	17:15	N/A	0.0041	4.0745	17:15	51	0.0000	0.0000	
17:30	78	0.0000	0.0000	17:30	94	0.0000	0.0000	17:30	N/A	0.0037	3.7421	17:30	51	0.0000	0.0000	
17:45	78	0.0000	0.0000	17:45	94	0.0000	0.0000	17:45	N/A	0.0037	3.7421	17:45	51	0.0000	0.0000	
18:00	78	0.0000	0.0000	18:00	94	0.0000	0.0000	18:00	N/A	0.0043	4.3407	18:00	51	0.0000	0.0000	
18:15	78	0.0000	0.0000	18:15	94	0.0000	0.0000	18:15	N/A	0.0061	6.0719	18:15	51	0.0000	0.0000	
18:30	78	0.0000	0.0000	18:30	94	0.0000	0.0000	18:30	N/A	0.0073	7.3323	18:30	51	0.0000	0.0000	
18:45	78	0.0000	0.0000	18:45	94	0.0000	0.0000	18:45	N/A	0.0054	5.3792	18:45	51	0.0086	8.6171	
19:00	78	0.0000	0.0000	19:00	94	0.0000	0.0000	19:00	N/A	0.0000	0.0000	19:00	51	0.0071	7.0968	
19:15	78	0.0000	0.0000	19:15	94	0.0000	0.0000	19:15	N/A	0.0000	0.0000	19:15	51	0.0205	20.4725	
19:30	78	0.0000	0.0000	19:30	94	0.0000	0.0000	19:30	N/A	0.0000	0.0000	19:30	51	0.0131	13.0550	
19:45	78	0.0000	0.0000	19:45	94	0.0000	0.0000	19:45	N/A	0.0000	0.0000	19:45	51	0.0192	19.2347	
20:00	78	0.0000	0.0000	20:00	94	0.0000	0.0000	20:00	N/A	0.0000	0.0000	20:00	51	0.0186	18.6275	
20:15	78	0.0000	0.0000	20:15	94	0.0000	0.0000	20:15	N/A	0.0000	0.0000	20:15	51	0.0059	5.8542	
20:30	78	0.0000	0.0000	20:30	94	0.0000	0.0000	20:30	N/A	0.0000	0.0000	20:30	51	0.0118	11.7654	
20:45	78	0.0286	28.6379	20:45	94	0.0000	0.0000	20:45	N/A	0.0000	0.0000	20:45	51	0.0118	11.7654	
21:00	78	0.0016	1.6257	21:00	94	0.0000	0.0000	21:00	N/A	0.0000	0.0000	21:00	51	0.0193	19.2993	
21:15	78	0.0031	3.1360	21:15	94	0.0035	3.5101	21:15	N/A	0.0000	0.0000	21:15	51	0.0129	12.9416	
21:30	78	0.0014	1.3934	21:30	94	0.0000	0.0000	21:30	N/A	0.0000	0.0000	21:30	51	0.0196	19.6407	
21:45	78	0.0000	0.0000	21:45	94	0.0000	0.0000	21:45	N/A	0.0000	0.0000	21:45	51	0.0196	19.6407	
22:00	78	0.0000	0.0000	22:00	94	0.0000	0.0000	22:00	N/A	0.0000	0.0000	22:00	51	0.0202	20.2150	
22:15	78	0.0000	0.0000	22:15	94	0.0000	0.0000	22:15	N/A	0.0000	0.0000	22:15	51	0.0212	21.2340	
22:30	78	0.0000	0.0000	22:30	94	0.0000	0.0000	22:30	N/A	0.0000	0.0000	22:30	51	0.0076	7.5686	
22:45	78	0.0000	0.0000	22:45	94	0.0000	0.0000	22:45	N/A	0.0000	0.0000	22:45	51	0.0219	21.8738	
23:00	78	0.0000	0.0000	23:00	94	0.0000	0.0000	23:00	N/A	0.0000	0.0000	23:00	51	0.0219	21.8738	
23:15	78	0.0000	0.0000	23:15	94	0.0000	0.0000	23:15	N/A	0.0000	0.0000	23:15	51	0.0143	14.3109	
23:30	78	0.0000	0.0000	23:30	94	0.0000	0.0000	23:30	N/A	0.0000	0.0000	23:30	51	0.0144	14.4452	
23:45	78	0.0000	0.0000	23:45	94	0.0000	0.0000	23:45	N/A	0.0000	0.0000	23:45	51	0.0135	13.4628	

12:00	78	0.0006	0.5941	12:00	94	0.0013	1.3274	12:00	N/A	0.0000	0.0000	12:00	51	0.0421	42.1242	
12:15	78	0.0005	0.5333	12:15	94	0.0000	0.0000	12:15	N/A	0.0000	0.0000	12:15	51	0.0225	22.4809	
12:30	78	0.0002	0.2082	12:30	94	0.0007	0.6855	12:30	N/A	0.0000	0.0000	12:30	51	0.0131	13.0645	
12:45	78	0.0005	0.4832	12:45	94	0.0012	1.1691	12:45	N/A	0.0000	0.0000	12:45	51	0.0355	35.5241	
13:00	78	0.0007	0.6576	13:00	94	0.0015	1.5477	13:00	N/A	0.0000	0.0000	13:00	51	0.0245	24.5384	
13:15	78	0.0005	0.4635	13:15	94	0.0010	1.0496	13:15	N/A	0.0000	0.0000	13:15	51	0.0115	11.5265	
13:30	78	0.0005	0.5223	13:30	94	0.0003	0.2854	13:30	N/A	0.0000	0.0000	13:30	51	0.0203	20.3187	
13:45	78	0.0005	0.5223	13:45	94	0.0003	0.2854	13:45	N/A	0.0000	0.0000	13:45	51	0.0203	20.2580	
14:00	78	0.0000	0.0000	14:00	94	0.0000	0.0000	14:00	N/A	0.0000	0.0000	14:00	51	0.0203	20.2580	
14:15	78	0.0000	0.0000	14:15	94	0.0000	0.0000	14:15	N/A	0.0000	0.0000	14:15	51	0.0091	9.1214	
14:30	78	0.0000	0.0000	14:30	94	0.0000	0.0000	14:30	N/A	0.0000	0.0000	14:30	51	0.0250	24.9663	
14:45	78	0.0000	0.0000	14:45	94	0.0000	0.0000	14:45	N/A	0.0000	0.0000	14:45	51	0.0163	16.3238	
15:00	78	0.0000	0.0000	15:00	94	0.0000	0.0000	15:00	N/A	0.0000	0.0000	15:00	51	0.0239	23.8912	
15:15	78	0.0000	0.0000	15:15	94	0.0000	0.0000	15:15	N/A	0.0000	0.0000	15:15	51	0.0170	16.9988	
15:30	78	0.0000	0.0000	15:30	94	0.0000	0.0000	15:30	N/A	0.0000	0.0000	15:30	51	0.0252	25.2485	
15:45	78	0.0000	0.0000	15:45	94	0.0000	0.0000	15:45	N/A	0.0000	0.0000	15:45	51	0.0266	26.5953	
16:00	78	0.0000	0.0000	16:00	94	0.0000	0.0000	16:00	N/A	0.0000	0.0000	16:00	51	0.0173	17.3290	
16:15	78	0.0000	0.0000	16:15	94	0.0000	0.0000	16:15	N/A	0.0000	0.0000	16:15	51	0.0089	8.8886	
16:30	78	0.0000	0.0000	16:30	94	0.0000	0.0000	16:30	N/A	0.0000	0.0000	16:30	51	0.0265	26.4547	
16:45	78	0.0000	0.0000	16:45	94	0.0000	0.0000	16:45	N/A	0.0000	0.0000	16:45	51	0.0265	26.4547	
17:00	78	0.0000	0.0000	17:00	94	0.0001	0.1332	17:00	N/A	0.0000	0.0000	17:00	51	0.0097	9.6520	
17:15	78	0.0000	0.0000	17:15	94	0.0000	0.0000	17:15	N/A	0.0000	0.0000	17:15	51	0.0303	30.2723	
17:30	78	0.0000	0.0000	17:30	94	0.0017	1.6649	17:30	N/A	0.0000	0.0000	17:30	51	0.0309	30.9246	
17:45	78	0.0000	0.0000	17:45	94	0.0027	2.7407	17:45	N/A	0.0000	0.0000	17:45	51	0.0202	20.1726	
18:00	78	0.0000	0.0000	18:00	94	0.0013	1.3383	18:00	N/A	0.0000	0.0000	18:00	51	0.0295	29.5010	
18:15	78	0.0000	0.0000	18:15	94	0.0004	0.4236	18:15	N/A	0.0000	0.0000	18:15	51	0.0094	9.4359	
18:30	78	0.0000	0.0000	18:30	94	0.0006	0.6496	18:30	N/A	0.0000	0.0000	18:30	51	0.0095	9.5377	
18:45	78	0.0000	0.0000	18:45	94	0.0006	0.6496	18:45	N/A	0.0000	0.0000	18:45	51	0.0279	27.9201	
19:00	78	0.0000	0.0000	19:00	94	0.0003	0.3387	19:00	N/A	0.0000	0.0000	19:00	51	0.0088	8.8163	
19:15	78	0.0000	0.0000	19:15	94	0.0000	0.0000	19:15	N/A	0.0000	0.0000	19:15	51	0.0153	15.2564	
19:30	78	0.0000	0.0000	19:30	94	0.0000	0.0000	19:30	N/A	0.0000	0.0000	19:30	51	0.0246	24.5893	
19:45	78	0.0000	0.0000	19:45	94	0.0000	0.0000	19:45	N/A	0.0000	0.0000	19:45	51	0.0269	26.9182	
20:00	78	0.0000	0.0000	20:00	94	0.0000	0.0056	20:00	N/A	0.0000	0.0000	20:00	51	0.0234	23.3612	
20:15	78	0.0000	0.0000	20:15	94	0.0000	0.0000	20:15	N/A	0.0000	0.0000	20:15	51	0.0172	17.2030	
20:30	78	0.0000	0.0000	20:30	94	0.0000	0.0000	20:30	N/A	0.0000	0.0000	20:30	51	0.0199	19.8660	
20:45	78	0.0000	0.0000	20:45	94	0.0001	0.1330	20:45	N/A	0.0000	0.0000	20:45	51	0.0199	19.8660	
21:00	78	0.0000	0.0000	21:00	94	0.0000	0.0000	21:00	N/A	0.0000	0.0000	21:00	51	0.0199	19.8660	
21:15	78	0.0000	0.0000	21:15	94	0.0000	0.0000	21:15	N/A	0.0000	0.0000	21:15	51	0.0082	8.2044	
21:30	78	0.0000	0.0000	21:30	94	0.0001	0.1124	21:30	N/A	0.0000	0.0000	21:30	51	0.0082	8.2453	
21:45	78	0.0000	0.0000	21:45	94	0.0000	0.0000	21:45	N/A	0.0000	0.0000	21:45	51	0.0082	8.2453	
22:00	78	0.0000	0.0000	22:00	94	0.0000	0.0000	22:00	N/A	0.0000	0.0000	22:00	51	0.0156	15.6179	
22:15	78	0.0000	0.0000	22:15	94	0.0000	0.0000	22:15	N/A	0.0000	0.0000	22:15	51	0.0058	5.8059	
22:30	78	0.0000	0.0000	22:30	94	0.0000	0.0000	22:30	N/A	0.0000	0.0000	22:30	51	0.0167	16.6943	
22:45	78	0.0000	0.0000	22:45	94	0.0000	0.0000	22:45	N/A	0.0000	0.0000	22:45	51	0.0172	17.2434	
23:00	78	0.0000	0.0000	23:00	94	0.0000	0.0000	23:00	N/A	0.0000	0.0000	23:00	51	0.0171	17.0567	
23:15	78	0.0000	0.0000	23:15	94	0.0000	0.0000	23:15	N/A	0.0000	0.0000	23:15	51	0.0171	17.0567	
23:30	78	0.0000	0.0000	23:30	94	0.0000	0.0000	23:30	N/A	0.0000	0.0000	23:30	51	0.0178	17.8041	
23:45	78	0.0000	0.0000	23:45	94	0.0000	0.0000	23:45	N/A	0.0000	0.0000	23:45	51	0.0145	14.4594	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.17	0	0	0	0
Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.					

Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)																
03/28/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/28/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/28/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/28/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	78	0.0000	0.0000	0:00	94	0.0000	0.0000	0:00	N/A	0.0013	1.2876	0:00	51	0.0019	1.8655	
0:15	78	0.0000	0.0000	0:15	94	0.0000	0.0000	0:15	N/A	0.0013	1.3070	0:15	51	0.0033	3.3222	
0:30	78	0.0000	0.0000	0:30	94	0.0000	0.0000	0:30	N/A	0.0013	1.2735	0:30	51	0.0017	1.6907	
0:45	78	0.0000	0.0000	0:45	94	0.0000	0.0000	0:45	N/A	0.0008	0.8163	0:45	51	0.0018	1.8296	
1:00	78	0.0000	0.0000	1:00	94	0.0000	0.0000	1:00	N/A	0.0001	0.0553	1:00	51	0.0060	5.9729	
1:15	78	0.0000	0.0000	1:15	94	0.0000	0.0000	1:15	N/A	0.0000	0.0000	1:15	51	0.0041	4.0531	
1:30	78	0.0000	0.0000	1:30	94	0.0000	0.0000	1:30	N/A	0.0000	0.0000	1:30	51	0.0060	6.0419	
1:45	78	0.0000	0.0000	1:45	94	0.0000	0.0000	1:45	N/A	0.0000	0.0000	1:45	51	0.0047	4.7385	
2:00	78	0.0000	0.0000	2:00	94	0.0000	0.0000	2:00	N/A	0.0000	0.0000	2:00	51	0.0065	6.5359	
2:15	78	0.0000	0.0000	2:15	94	0.0000	0.0000	2:15	N/A	0.0000	0.0000	2:15	51	0.0073	7.3249	
2:30	78	0.0000	0.0000	2:30	94	0.0000	0.0000	2:30	N/A	0.0000	0.0000	2:30	51	0.0027	2.6603	
2:45	78	0.0000	0.0000	2:45	94	0.0009	0.9361	2:45	N/A	0.0000	0.0000	2:45	51	0.0030	3.0429	
3:00	78	0.0000	0.0000	3:00	94	0.0009	0.9420	3:00	N/A	0.0000	0.0000	3:00	51	0.0060	5.9639	
3:15	78	0.0000	0.0000	3:15	94	0.0004	0.4420	3:15	N/A	0.0000	0.0000	3:15	51	0.0060	5.9639	
3:30	78	0.0000	0.0000	3:30	94	0.0030	3.0282	3:30	N/A	0.0000	0.0000	3:30	51	0.0052	5.1994	
3:45	78	0.0000	0.0000	3:45	94	0.0017	1.7173	3:45	N/A	0.0000	0.0000	3:45	51	0.0034	3.3623	
4:00	78	0.0000	0.0000	4:00	94	0.0027	2.6880	4:00	N/A	0.0000	0.0000	4:00	51	0.0095	9.4825	
4:15	78	0.0000	0.0000	4:15	94	0.0019	1.8880	4:15	N/A	0.0000	0.0000	4:15	51	0.0095	9.4825	
4:30	78	0.0000	0.0000	4:30	94	0.0010	0.9707	4:30	N/A	0.0000	0.0000	4:30	51	0.0029	2.9384	
4:45	78	0.0000	0.0000	4:45	94	0.0010	1.0028	4:45	N/A	0.0000	0.0000	4:45	51	0.0089	8.8768	
5:00	78	0.0000	0.0000	5:00	94	0.0034	3.3508	5:00	N/A	0.0003	0.3059	5:00	51	0.0129	12.9325	
5:15	78	0.0000	0.0000	5:15	94	0.0018	1.7689	5:15	N/A	0.0007	0.6890	5:15	51	0.0118	11.7700	
5:30	78	0.0000	0.0000	5:30	94	0.0056	5.5801	5:30	N/A	0.0004	0.3840	5:30	51	0.0074	7.3526	
5:45	78	0.0000	0.0000	5:45	94	0.0035	3.4828	5:45	N/A	0.0000	0.0000	5:45	51	0.0074	7.3526	
6:00	78	0.0000	0.0000	6:00	94	0.0021	2.0540	6:00	N/A	0.0000	0.0000	6:00	51	0.0074	7.3526	
6:15	78	0.0000	0.0000	6:15	94	0.0021	2.0540	6:15	N/A	0.0000	0.0000	6:15	51	0.0030	2.9941	
6:30	78	0.0000	0.0000	6:30	94	0.0043	4.2640	6:30	N/A	0.0000	0.0000	6:30	51	0.0058	5.8132	
6:45	78	0.0000	0.0000	6:45	94	0.0000	0.0000	6:45	N/A	0.0006	0.5804	6:45	51	0.0117	11.7394	
7:00	78	0.0000	0.0000	7:00	94	0.0067	6.6533	7:00	N/A	0.0008	0.8246	7:00	51	0.0117	11.7394	
7:15	78	0.0000	0.0000	7:15	94	0.0027	2.7255	7:15	N/A	0.0008	0.7915	7:15	51	0.0092	9.2078	
7:30	78	0.0000	0.0000	7:30	94	0.0028	2.7623	7:30	N/A	0.0001	0.0843	7:30	51	0.0130	13.0079	
7:45	78	0.0000	0.0000	7:45	94	0.0000	0.0000	7:45	N/A	0.0008	0.7995	7:45	51	0.0147	14.7366	
8:00	78	0.0001	0.0871	8:00	94	0.0090	9.0261	8:00	N/A	0.0000	0.0072	8:00	51	0.0149	14.9435	
8:15	78	0.0002	0.1653	8:15	94	0.0094	9.4073	8:15	N/A	0.0003	0.3450	8:15	51	0.0046	4.6277	
8:30	78	0.0000	0.0000	8:30	94	0.0050	4.9501	8:30	N/A	0.0009	0.9329	8:30	51	0.0087	8.6670	
8:45	78	0.0000	0.0000	8:45	94	0.0005	0.5495	8:45	N/A	0.0002	0.2289	8:45	51	0.0082	8.2031	

23:30	78	0.0023	2.2729	23:30	94	0.0041	4.0988	23:30	N/A	0.0000	0.0000	19:40	51	0.0668	66.8358	* See Field Investigation Below
23:45	78	0.0018	1.7788	23:45	94	0.0050	5.0272	23:45	N/A	0.0000	0.0000	19:45	51	0.0670	67.0376	* See Field Investigation Below
												19:50	51	0.0679	67.92496	* See Field Investigation Below
												19:55	51	0.0000	0	
												20:00	51	0.0226	22.64165	
												20:15	51	0.0226	22.57649	
												20:30	51	0.0453	45.34968	
												20:45	51	0.0453	45.34968	
												21:00	51	0.0456	45.64778	
												21:15	51	0.0711	71.09973	* See Field Investigation Below
												21:20	51	0.0690	69.02995	* See Field Investigation Below
												21:25	51	0.0680	67.99172	* See Field Investigation Below
												21:30	51	0.0663	66.25166	* See Field Investigation Below
												21:35	51	0.0649	64.89182	* See Field Investigation Below
												21:40	51	0.0649	64.89182	* See Field Investigation Below
												21:45	51	0.0000	0	
												21:50	51	0.0722	72.22224	* See Field Investigation Below
												21:55	51	0.0000	0	
												22:00	51	0.0630	62.95633	* See Field Investigation Below
												22:05	51	0.0647	64.74408	* See Field Investigation Below
												22:10	51	0.0000	0	
												22:15	51	0.0222	22.1914	
												22:30	51	0.0660	65.95844	* See Field Investigation Below
												22:35	51	0.0668	66.80984	* See Field Investigation Below
												22:40	51	0.0733	73.27605	* See Field Investigation Below
												22:45	51	0.0695	69.46745	* See Field Investigation Below
												22:50	51	0.0695	69.46745	* See Field Investigation Below
												22:55	51	0.0681	68.06495	* See Field Investigation Below
												23:00	51	0.0688	68.7802	* See Field Investigation Below
												23:05	51	0.0668	66.81927	* See Field Investigation Below
												23:10	51	0.0668	66.80621	* See Field Investigation Below
												23:15	51	0.0655	65.53598	* See Field Investigation Below
												23:20	51	0.0645	64.45972	* See Field Investigation Below
												23:25	51	0.0626	62.56848	* See Field Investigation Below
												23:30	51	0.0623	62.2972	* See Field Investigation Below
												23:35	51	0.0000	0	
												23:40	51	0.0601	60.10677	* See Field Investigation Below
												23:45	51	0.0593	59.28801	* See Field Investigation Below
23:50	51	0.0591	59.05718	* See Field Investigation Below												
23:55	51	0.0591	59.05718	* 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.															

13:15	51	0.0397	39.72396	
13:30	51	0.1064	106.353	* See Field Investigation Below
13:35	51	0.1004	100.3833	* See Field Investigation Below
13:40	51	0.0000	0	
13:45	51	0.0000	0	
13:50	51	0.0855	85.48099	* See Field Investigation Below
13:55	51	0.0839	83.8625	* See Field Investigation Below
14:00	51	0.0000	0	
14:15	51	0.0833	83.2976	* See Field Investigation Below
14:20	51	0.0755	75.45459	* See Field Investigation Below
14:25	51	0.0755	75.45818	* See Field Investigation Below
14:30	51	0.0770	76.95975	* See Field Investigation Below
14:35	51	0.0000	0	
14:40	51	0.0603	60.29789	* See Field Investigation Below
14:45	51	0.0419	41.87184	
15:00	51	0.0419	41.87184	
15:15	51	0.0000	0	
15:30	51	0.0772	77.19712	* See Field Investigation Below
15:35	51	0.0790	79.01395	* See Field Investigation Below
15:40	51	0.0814	81.44128	* See Field Investigation Below
15:45	51	0.0879	87.89326	* See Field Investigation Below
15:50	51	0.0824	82.37095	* See Field Investigation Below
15:55	51	0.0824	82.37095	* See Field Investigation Below
16:00	51	0.0882	88.21333	* See Field Investigation Below
16:05	51	0.0000	0	
16:10	51	0.0870	87.02632	* See Field Investigation Below
16:15	51	0.0840	83.99003	* See Field Investigation Below
16:20	51	0.0000	0	
16:25	51	0.0837	83.74718	* See Field Investigation Below
16:30	51	0.0279	27.90348	
16:45	51	0.0000	0	
16:50	51	0.0720	72.04179	* See Field Investigation Below
16:55	51	0.0770	77.02497	* See Field Investigation Below
17:00	51	0.0707	70.70911	* See Field Investigation Below
17:05	51	0.0707	70.70911	* See Field Investigation Below
17:10	51	0.0725	72.52474	* See Field Investigation Below
17:15	51	0.0757	75.74973	* See Field Investigation Below
17:20	51	0.0821	82.10632	* See Field Investigation Below
17:25	51	0.0000	0	
17:30	51	0.0812	81.17519	* See Field Investigation Below
17:35	51	0.0818	81.77904	* See Field Investigation Below
17:40	51	0.0813	81.32454	* See Field Investigation Below
17:45	51	0.0809	80.90961	* See Field Investigation Below
17:50	51	0.0000	0	
17:55	51	0.0826	82.61213	* See Field Investigation Below
18:00	51	0.0832	83.172	* See Field Investigation Below
18:05	51	0.0930	93.0499	* See Field Investigation Below
18:10	51	0.0930	93.0499	* See Field Investigation Below
18:15	51	0.0871	87.09998	* See Field Investigation Below
18:20	51	0.0869	86.92844	* See Field Investigation Below
18:25	51	0.0988	98.84357	* See Field Investigation Below
18:30	51	0.0983	98.26483	* See Field Investigation Below
18:35	51	0.0949	94.87029	* See Field Investigation Below
18:40	51	0.0976	97.63443	* See Field Investigation Below
18:45	51	0.0954	95.43956	* See Field Investigation Below
18:50	51	0.0875	87.5185	* See Field Investigation Below
18:55	51	0.0883	88.27077	* See Field Investigation Below
19:00	51	0.0000	0	

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. All of the CAMS Photoionization Detectors were calibrated and validated. Please refer to Summa canister laboratory analytical data for ambient air results.
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19:05	51	0.0852	85.24218	* See Field Investigation Below
19:10	51	0.0000	0	
19:15	51	0.0000	0	
19:30	51	0.0876	87.63269	* See Field Investigation Below
19:35	51	0.0836	83.55219	* See Field Investigation Below
19:40	51	0.0914	91.41023	* See Field Investigation Below
19:45	51	0.0000	0	
19:50	51	0.0000	0	
19:55	51	0.0000	0	
20:00	51	0.0269	26.85247	
20:15	51	0.0316	31.56544	
20:30	51	0.0302	30.15831	
20:45	51	0.0926	92.55758	* See Field Investigation Below
20:50	51	0.0000	0	
20:55	51	0.0901	90.09514	* See Field Investigation Below
21:00	51	0.0884	88.4167	* See Field Investigation Below
21:05	51	0.0912	91.20979	* See Field Investigation Below
21:10	51	0.0901	90.05163	* See Field Investigation Below
21:15	51	0.0901	90.05163	* See Field Investigation Below
21:20	51	0.0915	91.51645	* See Field Investigation Below
21:25	51	0.0918	91.81947	* See Field Investigation Below
21:30	51	0.0905	90.54349	* See Field Investigation Below
21:35	51	0.0911	91.07867	* See Field Investigation Below
21:40	51	0.0924	92.36852	* See Field Investigation Below
21:45	51	0.0000	0	
21:50	51	0.0914	91.44481	* See Field Investigation Below
21:55	51	0.0000	0	
22:00	51	0.0913	91.32299	* See Field Investigation Below
22:05	51	0.0912	91.22032	* See Field Investigation Below
22:10	51	0.0864	86.36386	* See Field Investigation Below
22:15	51	0.0288	28.78795	
22:30	51	0.0288	28.78795	
22:45	51	0.0898	89.84065	* See Field Investigation Below
22:50	51	0.0849	84.89086	* See Field Investigation Below
22:55	51	0.0860	85.99941	* See Field Investigation Below
23:00	51	0.0875	87.49213	* See Field Investigation Below
23:05	51	0.0897	89.74754	* See Field Investigation Below
23:10	51	0.0916	91.57378	* See Field Investigation Below
23:15	51	0.0857	85.66603	* See Field Investigation Below
23:20	51	0.0943	94.27299	* See Field Investigation Below
23:25	51	0.0928	92.75488	* See Field Investigation Below
23:30	51	0.0928	92.75488	* See Field Investigation Below
23:35	51	0.0898	89.75044	* See Field Investigation Below
23:40	51	0.0000	0	
23:45	51	0.0921	92.06897	* See Field Investigation Below
23:50	51	0.0931	93.10303	* See Field Investigation Below
23:55	51	0.0902	90.23943	* See Field Investigation Below



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

03/30/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/30/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/30/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/30/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	78	0.0012	1.2153	0:00	94	0.0040	3.9840	0:00	N/A	0.0024	2.4498	0:00	51	0.0919	91.8816	* See Field Investigation Below
0:15	78	0.0010	1.0295	0:15	94	0.0039	3.9349	0:15	N/A	0.0013	1.3286	0:05	51	0.0922	92.2427	* See Field Investigation Below
0:30	78	0.0017	1.6504	0:30	94	0.0080	8.0328	0:30	N/A	0.0013	1.2789	0:10	51	0.0983	98.3429	* See Field Investigation Below
0:45	78	0.0027	2.6863	0:45	94	0.0080	7.9523	0:45	N/A	0.0013	1.2789	0:15	51	0.0966	96.6224	* See Field Investigation Below
1:00	78	0.0029	2.9093	1:00	94	0.0039	3.8679	1:00	N/A	0.0010	1.0479	0:20	51	0.0963	96.2727	* See Field Investigation Below
1:15	78	0.0014	1.4088	1:15	94	0.0077	7.6714	1:15	N/A	0.0013	1.2577	0:25	51	0.0896	89.6166	* See Field Investigation Below
1:30	78	0.0014	1.4088	1:30	94	0.0049	4.9491	1:30	N/A	0.0017	1.7186	0:30	51	0.0886	88.5603	* See Field Investigation Below
1:45	78	0.0009	0.8601	1:45	94	0.0049	4.9491	1:45	N/A	0.0017	1.7186	0:35	51	0.0886	88.5603	* See Field Investigation Below
2:00	78	0.0027	2.7279	2:00	94	0.0137	13.6540	2:00	N/A	0.0015	1.5244	0:40	51	0.0930	92.9909	* See Field Investigation Below
2:15	78	0.0025	2.5276	2:15	94	0.0000	0.0000	2:15	N/A	0.0010	0.9587	0:45	51	0.0962	96.1975	* See Field Investigation Below
2:30	78	0.0028	2.7828	2:30	94	0.0127	12.6964	2:30	N/A	0.0005	0.5179	0:50	51	0.0931	93.1110	* See Field Investigation Below
2:45	78	0.0033	3.2811	2:45	94	0.0085	8.4964	2:45	N/A	0.0000	0.0130	0:55	51	0.0961	96.1395	* See Field Investigation Below
3:00	78	0.0000	0.0000	3:00	94	0.0085	8.4964	3:00	N/A	0.0000	0.0130	1:00	51	0.0973	97.2785	* See Field Investigation Below
3:15	78	0.0033	3.3083	3:15	94	0.0040	3.9637	3:15	N/A	0.0005	0.4512	1:05	51	0.0971	97.0818	* See Field Investigation Below
3:30	78	0.0026	2.5650	3:30	94	0.0039	3.9317	3:30	N/A	0.0001	0.1181	1:10	51	0.0971	97.0801	* See Field Investigation Below
3:45	78	0.0026	2.5650	3:45	94	0.0090	9.0161	3:45	N/A	0.0001	0.1181	1:15	51	0.0979	97.8991	* See Field Investigation Below
4:00	78	0.0019	1.9203	4:00	94	0.0094	9.4420	4:00	N/A	0.0000	0.0000	1:20	51	0.0976	97.5578	* See Field Investigation Below
4:15	78	0.0028	2.8040	4:15	94	0.0094	9.4420	4:15	N/A	0.0000	0.0000	1:25	51	0.0991	99.1152	* See Field Investigation Below
4:30	78	0.0037	3.7465	4:30	94	0.0109	10.9010	4:30	N/A	0.0000	0.0000	1:30	51	0.0961	96.0523	* See Field Investigation Below
4:45	78	0.0012	1.2399	4:45	94	0.0055	5.4896	4:45	N/A	0.0000	0.0000	1:35	51	0.0969	96.9004	* See Field Investigation Below
5:00	78	0.0038	3.7952	5:00	94	0.0055	5.4896	5:00	N/A	0.0000	0.0000	1:40	51	0.0963	96.2690	* See Field Investigation Below
5:15	78	0.0036	3.6312	5:15	94	0.0000	0.0000	5:15	N/A	0.0000	0.0000	1:45	51	0.0320	32.0174	
5:30	78	0.0025	2.4692	5:30	94	0.0142	14.2429	5:30	N/A	0.0000	0.0000	2:00	51	0.0970	96.9541	* See Field Investigation Below
5:45	78	0.0035	3.5067	5:45	94	0.0153	15.3445	5:45	N/A	0.0000	0.0000	2:05	51	0.0975	97.4659	* See Field Investigation Below
6:00	78	0.0029	2.8795	6:00	94	0.0093	9.2996	6:00	N/A	0.0000	0.0000	2:10	51	0.0989	98.9005	* See Field Investigation Below
6:15	78	0.0047	4.6766	6:15	94	0.0045	4.4883	6:15	N/A	0.0000	0.0000	2:15	51	0.0330	32.9668	
6:30	78	0.0042	4.1874	6:30	94	0.0045	4.4883	6:30	N/A	0.0000	0.0000	2:30	51	0.0956	95.5734	* See Field Investigation Below
6:45	78	0.0042	4.1874	6:45	94	0.0063	6.2525	6:45	N/A	0.0000	0.0000	2:35	51	0.0946	94.6069	* See Field Investigation Below
7:00	78	0.0033	3.3497	7:00	94	0.0063	6.2525	7:00	N/A	0.0000	0.0000	2:40	51	0.0000	0.0000	
7:15	78	0.0052	5.1912	7:15	94	0.0109	10.9116	7:15	N/A	0.0008	0.8250	2:45	51	0.0910	90.9596	* See Field Investigation Below
7:30	78	0.0058	5.7546	7:30	94	0.0114	11.4136	7:30	N/A	0.0017	1.6588	2:50	51	0.0910	90.9596	* See Field Investigation Below
7:45	78	0.0058	5.7546	7:45	94	0.0114	11.4136	7:45	N/A	0.0009	0.8759	2:55	51	0.0949	94.9230	* See Field Investigation Below
8:00	78	0.0046	4.6308	8:00	94	0.0127	12.6703	8:00	N/A	0.0008	0.8346	3:00	51	0.0971	97.1240	* See Field Investigation Below
8:15	78	0.0068	6.7793	8:15	94	0.0205	20.5099	8:15	N/A	0.0029	2.9031	3:05	51	0.1009	100.8781	* See Field Investigation Below
8:30	78	0.0070	7.0312	8:30	94	0.0136	13.5546	8:30	N/A	0.0025	2.4739	3:10	51	0.0987	98.6537	* See Field Investigation Below
8:45	78	0.0050	5.0358	8:45	94	0.0195	19.5226	8:45	N/A	0.0026	2.5887	3:15	51	0.1002	100.2088	* See Field Investigation Below
9:00	78	0.0076	7.5503	9:00	94	0.0073	7.3334	9:00	N/A	0.0028	2.8226	3:20	51	0.1006	100.6163	* See Field Investigation Below
9:15	78	0.0052	5.1865	9:15	94	0.0140	13.9801	9:15	N/A	0.0045	4.4573	3:25	51	0.0000	0.0000	
9:30	78	0.0067	6.7074	9:30	94	0.0165	16.4846	9:30	N/A	0.0041	4.1017	3:30	51	0.0990	98.9768	* See Field Investigation Below
9:45	78	0.0044	4.3552	9:45	94	0.0165	16.4846	9:45	N/A	0.0041	4.1168	3:35	51	0.0996	99.5638	* See Field Investigation Below
10:00	78	0.0044	4.3552	10:00	94	0.0165	16.4846	10:00	N/A	0.0052	5.1720	3:40	51	0.0996	99.5638	* See Field Investigation Below
10:15	78	0.0013	1.2652	10:15	94	0.0000	0.0000	10:15	N/A	0.0018	1.7768	3:45	51	0.0999	99.9043	* See Field Investigation Below

14:40	51	0.1722	172.2274	* See Field Investigation Below
14:45	51	0.1710	171.0128	* See Field Investigation Below
14:50	51	0.0000	0	
14:55	51	0.1732	173.2253	* See Field Investigation Below
15:00	51	0.1692	169.2123	* See Field Investigation Below
15:05	51	0.1697	169.7485	* See Field Investigation Below
15:10	51	0.1753	175.3026	* See Field Investigation Below
15:15	51	0.1734	173.4359	* See Field Investigation Below
15:20	51	0.1802	180.1825	* See Field Investigation Below
15:25	51	0.0000	0	
15:30	51	0.1817	181.6953	* See Field Investigation Below
15:35	51	0.1797	179.7065	* See Field Investigation Below
15:40	51	0.1797	179.7065	* See Field Investigation Below
15:45	51	0.1755	175.4871	* See Field Investigation Below
15:50	51	0.0000	0	
15:55	51	0.0000	0	
16:00	51	0.0000	0	
16:15	51	0.1792	179.1789	* See Field Investigation Below
16:20	51	0.1793	179.3085	* See Field Investigation Below
16:25	51	0.1787	178.6886	* See Field Investigation Below
16:30	51	0.0000	0	
16:35	51	0.0730	72.95091	* See Field Investigation Below
16:40	51	0.0000	0	
16:45	51	0.0243	24.31697	
17:00	51	0.0578	57.77178	* See Field Investigation Below
17:05	51	0.0791	79.11367	* See Field Investigation Below
17:10	51	0.0708	70.81638	* See Field Investigation Below
17:15	51	0.0742	74.23883	* See Field Investigation Below
17:20	51	0.0643	64.34386	* See Field Investigation Below
17:25	51	0.0598	59.75487	* See Field Investigation Below
17:30	51	0.0623	62.34196	* See Field Investigation Below
17:35	51	0.0575	57.53802	* See Field Investigation Below
17:40	51	0.0000	0	
17:45	51	0.0192	19.17934	
18:00	51	0.0192	19.17934	
18:15	51	0.0458	45.81874	
18:30	51	0.0634	63.43327	* See Field Investigation Below
18:35	51	0.0000	0	
18:40	51	0.0000	0	
18:45	51	0.0000	0	
18:50	51	0.0617	61.73377	* See Field Investigation Below
18:55	51	0.0648	64.84456	* See Field Investigation Below
19:00	51	0.0622	62.20718	* See Field Investigation Below
19:05	51	0.0000	0	
19:10	51	0.0000	0	
19:15	51	0.0000	0	
19:30	51	0.0000	0	
19:45	51	0.0191	19.09734	
20:00	51	0.0191	19.09734	
20:15	51	0.0000	0	
20:30	51	0.0377	37.71372	
20:45	51	0.0567	56.65261	* See Field Investigation Below
20:50	51	0.0536	53.60159	* 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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20:55	51	0.0536	53.60159	* See Field Investigation Below
21:00	51	0.0565	56.51722	* See Field Investigation Below
21:05	51	0.0530	52.98185	* See Field Investigation Below
21:10	51	0.0000	0	
21:15	51	0.0177	17.66062	
21:30	51	0.0000	0	
21:35	51	0.0528	52.77978	* See Field Investigation Below
21:40	51	0.0564	56.38057	* See Field Investigation Below
21:45	51	0.0362	36.172	
22:00	51	0.0187	18.69272	
22:15	51	0.0000	0	
22:30	51	0.0546	54.64469	* See Field Investigation Below
22:35	51	0.0512	51.23709	* See Field Investigation Below
22:40	51	0.0539	53.8963	* See Field Investigation Below
22:45	51	0.0483	48.33362	
22:50	51	0.0483	48.33362	
22:55	51	0.0500	50.04876	
23:00	51	0.0000	0	
23:05	51	0.0482	48.20406	
23:10	51	0.0479	47.9146	
23:15	51	0.0327	32.71755	
23:30	51	0.0479	47.94804	
23:45	51	0.0479	47.92481	



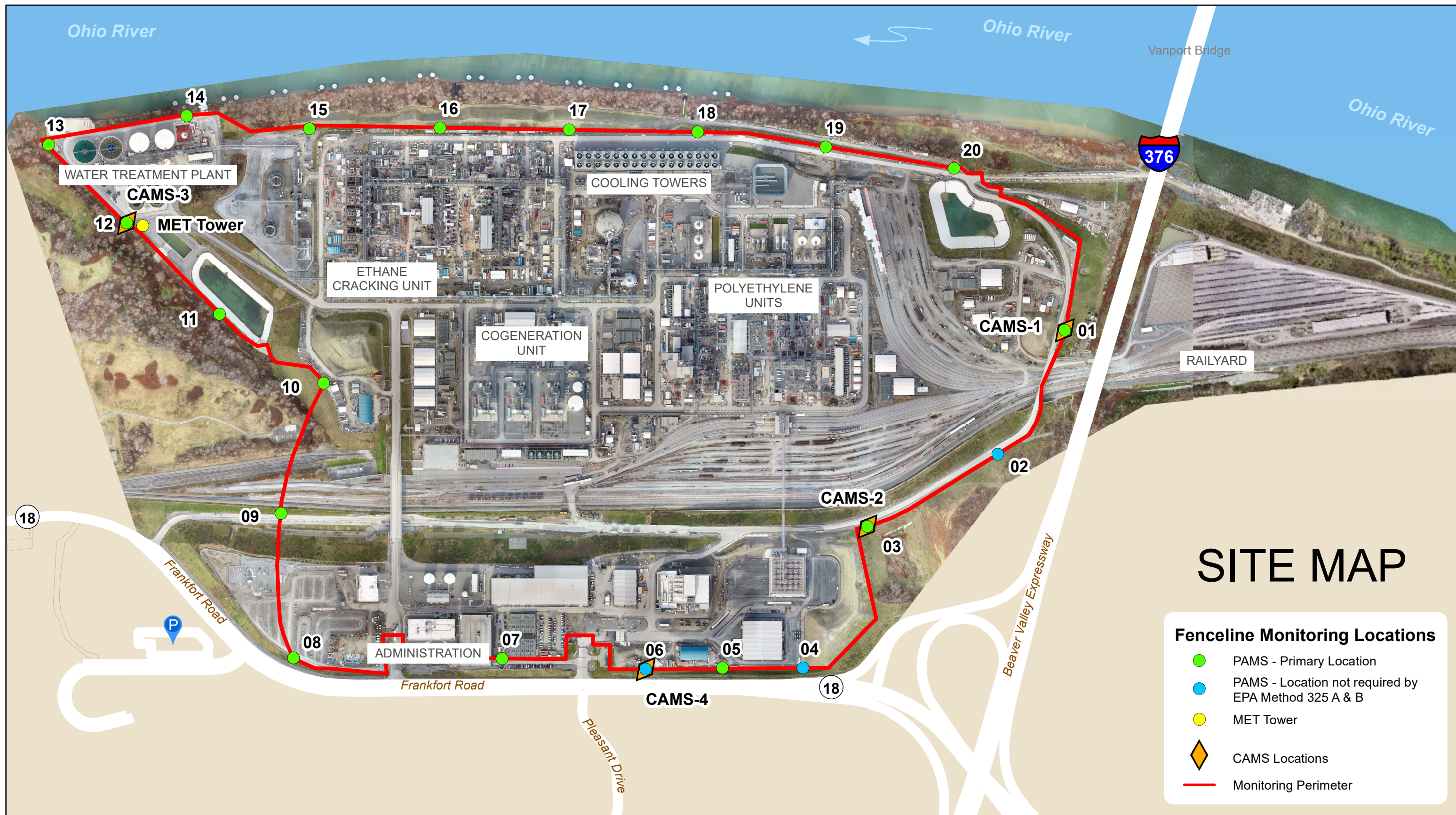
Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

03/31/2025 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	03/31/2025 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	03/31/2025 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	03/31/2025 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	
0:00	70	0.0006	0.6242	0:00	103	0.0018	1.8066	0:00	N/A	0.0026	2.5595	0:00	46	0.0409	40.8967	
0:15	70	0.0004	0.4069	0:15	103	0.0036	3.5964	0:15	N/A	0.0022	2.2415	0:15	46	0.0415	41.5167	
0:30	70	0.0001	0.1167	0:30	103	0.0016	1.5852	0:30	N/A	0.0022	2.2310	0:30	46	0.1048	104.8330	* See Field Investigation Below
0:45	70	0.0010	1.0226	0:45	103	0.0041	4.0704	0:45	N/A	0.0024	2.3908	0:35	46	0.0756	75.5879	* See Field Investigation Below
1:00	70	0.0005	0.4703	1:00	103	0.0019	1.8974	1:00	N/A	0.0023	2.2948	0:40	46	0.0242	24.1748	
1:15	70	0.0002	0.1959	1:15	103	0.0036	3.6006	1:15	N/A	0.0020	2.0295	0:45	46	0.0440	44.0190	
1:30	70	0.0002	0.1847	1:30	103	0.0049	4.9391	1:30	N/A	0.0019	1.9277	0:50	46	0.0462	46.2421	* See Field Investigation Below
1:45	70	0.0000	0.0304	1:45	103	0.0017	1.6507	1:45	N/A	0.0017	1.7434	0:55	46	0.0465	46.4646	* See Field Investigation Below
2:00	70	0.0000	0.0000	2:00	103	0.0022	2.2394	2:00	N/A	0.0017	1.6809	1:00	46	0.0436	43.5864	
2:15	70	0.0000	0.0000	2:15	103	0.0050	5.0335	2:15	N/A	0.0013	1.2705	1:05	46	0.0429	42.8899	
2:30	70	0.0000	0.0000	2:30	103	0.0040	4.0326	2:30	N/A	0.0011	1.1014	1:10	46	0.0421	42.0867	
2:45	70	0.0000	0.0000	2:45	103	0.0043	4.2943	2:45	N/A	0.0004	0.4284	1:15	46	0.0299	29.8860	
3:00	70	0.0000	0.0000	3:00	103	0.0035	3.5282	3:00	N/A	0.0001	0.0694	1:30	46	0.0360	35.9586	
3:15	70	0.0001	0.0565	3:15	103	0.0046	4.6173	3:15	N/A	0.0000	0.0000	1:45	46	0.0499	49.8935	* See Field Investigation Below
3:30	70	0.0002	0.1951	3:30	103	0.0038	3.7538	3:30	N/A	0.0000	0.0000	1:50	46	0.0480	47.9764	* See Field Investigation Below
3:45	70	0.0001	0.1051	3:45	103	0.0037	3.6607	3:45	N/A	0.0000	0.0000	1:55	46	0.0503	50.3453	* See Field Investigation Below
4:00	70	0.0000	0.0000	4:00	103	0.0050	4.9811	4:00	N/A	0.0000	0.0000	2:00	46	0.0436	43.5869	
4:15	70	0.0000	0.0000	4:15	103	0.0049	4.9446	4:15	N/A	0.0000	0.0000	2:15	46	0.0278	27.7518	
4:30	70	0.0003	0.3146	4:30	103	0.0063	6.2642	4:30	N/A	0.0000	0.0000	2:30	46	0.0254	25.3527	
4:45	70	0.0004	0.3995	4:45	103	0.0061	6.1272	4:45	N/A	0.0000	0.0000	2:45	46	0.0515	51.5396	* See Field Investigation Below
5:00	70	0.0004	0.4071	5:00	103	0.0057	5.6596	5:00	N/A	0.0000	0.0000	2:50	46	0.0486	48.5576	* See Field Investigation Below
5:15	70	0.0004	0.4134	5:15	103	0.0046	4.5621	5:15	N/A	0.0000	0.0000	2:55	46	0.0491	49.1152	* See Field Investigation Below
5:30	70	0.0009	0.8680	5:30	103	0.0046	4.5628	5:30	N/A	0.0000	0.0000	3:00	46	0.0379	37.9120	
5:45	70	0.0011	1.1274	5:45	103	0.0051	5.1291	5:45	N/A	0.0000	0.0000	3:15	46	0.0245	24.5205	
6:00	70	0.0009	0.9293	6:00	103	0.0045	4.4887	6:00	N/A	0.0000	0.0000	3:30	46	0.0144	14.3870	
6:15	70	0.0000	0.0000	6:15	103	0.0044	4.4346	6:15	N/A	0.0000	0.0000	3:45	46	0.0218	21.7769	
6:30	70	0.0000	0.0000	6:30	103	0.0053	5.2849	6:30	N/A	0.0000	0.0000	4:00	46	0.0265	26.5097	
6:45	70	0.0000	0.0000	6:45	103	0.0050	5.0363	6:45	N/A	0.0000	0.0000	4:15	46	0.0140	13.9765	
7:00	70	0.0000	0.0000	7:00	103	0.0052	5.1821	7:00	N/A	0.0000	0.0000	4:30	46	0.0408	40.8124	
7:15	70	0.0000	0.0000	7:15	103	0.0053	5.3371	7:15	N/A	0.0000	0.0000	4:45	46	0.0434	43.3696	
7:30	70	0.0000	0.0000	7:30	103	0.0023	2.2539	7:30	N/A	0.0000	0.0000	5:00	46	0.0434	43.3604	
7:45	70	0.0000	0.0000	7:45	103	0.0030	3.0216	7:45	N/A	0.0000	0.0000	5:15	46	0.0445	44.4832	
8:00	70	0.0000	0.0000	8:00	103	0.0034	3.3865	8:00	N/A	0.0000	0.0000	5:30	46	0.0358	35.8398	
8:15	70	0.0000	0.0000	8:15	103	0.0038	3.8453	8:15	N/A	0.0000	0.0000	5:45	46	0.0390	39.0194	
8:30	70	0.0000	0.0000	8:30	103	0.0039	3.8943	8:30	N/A	0.0000	0.0000	6:00	46	0.0307	30.6665	
8:45	70	0.0000	0.0000	8:45	103	0.0033	3.3236	8:45	N/A	0.0000	0.0000	6:15	46	0.0317	31.7154	
9:00	70	0.0000	0.0000	9:00	103	0.0038	3.7851	9:00	N/A	0.0000	0.0000	6:30	46	0.0422	42.1841	
9:15	70	0.0000	0.0000	9:15	103	0.0040	3.9883	9:15	N/A	0.0000	0.0000	6:45	46	0.0328	32.8032	
9:30	70	0.0000	0.0000	9:30	103	0.0040	4.0251	9:30	N/A	0.0000	0.0000	7:00	46	0.0203	20.2871	
9:45	70	0.0000	0.0000	9:45	103	0.0034	3.4466	9:45	N/A	0.0000	0.0000	7:15	46	0.0412	41.2391	
10:00	70	0.0000	0.0000	10:00	103	0.0042	4.2339	10:00	N/A	0.0000	0.0000	7:30	46	0.0335	33.4673	
10:15	70	0.0000	0.0000	10:15	103	0.0022	2.2015	10:15	N/A	0.0000	0.0000	7:45	46	0.0356	35.6240	
10:30	70	0.0000	0.0000	10:30	103	0.0025	2.4877	10:30	N/A	0.0000	0.0000	8:00	46	0.0173	17.2738	
10:45	70	0.0000	0.0000	10:45	103	0.0033	3.2854	10:45	N/A	0.0000	0.0000	8:15	46	0.0270	26.9836	
11:00	70	0.0000	0.0000	11:00	103	0.0030	2.9755	11:00	N/A	0.0000	0.0000	8:30	46	0.0270	27.0403	
11:15	70	0.0000	0.0000	11:15	103	0.0046	4.5526	11:15	N/A	0.0000	0.0000	8:45	46	0.0196	19.5672	
11:30	70	0.0000	0.0000	11:30	103	0.0047	4.7289	11:30	N/A	0.0000	0.0000	9:00	46	0.0140	13.9767	

11:45	70	0.0000	0.0000	11:45	103	0.0035	3.5076	11:45	N/A	0.0000	0.0000	9:15	46	0.0176	17.5812	
12:00	70	0.0000	0.0000	12:00	103	0.0045	4.4602	12:00	N/A	0.0000	0.0000	9:30	46	0.0205	20.4617	
12:15	70	0.0000	0.0000	12:15	103	0.0022	2.2451	12:15	N/A	0.0000	0.0000	9:45	46	0.0140	13.9994	
12:30	70	0.0000	0.0000	12:30	103	0.0052	5.1531	12:30	N/A	0.0000	0.0000	10:00	46	0.0318	31.7959	
12:45	70	0.0000	0.0000	12:45	103	0.0052	5.2305	12:45	N/A	0.0000	0.0000	10:15	46	0.0142	14.2263	
13:00	70	0.0000	0.0175	13:00	103	0.0052	5.2305	13:00	N/A	0.0000	0.0000	10:30	46	0.0304	30.4254	
13:15	70	0.0001	0.0540	13:15	103	0.0051	5.0678	13:15	N/A	0.0000	0.0000	10:45	46	0.0425	42.5229	
13:30	70	0.0000	0.0000	13:30	103	0.0046	4.5650	13:30	N/A	0.0000	0.0000	11:00	46	0.0166	16.5816	
13:45	70	0.0000	0.0000	13:45	103	0.0045	4.5159	13:45	N/A	0.0000	0.0000	11:15	46	0.0232	23.1588	
14:00	70	0.0000	0.0000	14:00	103	0.0056	5.5757	14:00	N/A	0.0000	0.0000	11:30	46	0.0434	43.4076	
14:15	70	0.0000	0.0000	14:15	103	0.0028	2.7524	14:15	N/A	0.0000	0.0000	11:45	46	0.0434	43.4076	
14:30	70	0.0000	0.0000	14:30	103	0.0038	3.7742	14:30	N/A	0.0000	0.0000	12:00	46	0.0261	26.1012	
14:45	70	0.0000	0.0000	14:45	103	0.0045	4.4508	14:45	N/A	0.0000	0.0000	12:15	46	0.0142	14.2407	
15:00	70	0.0000	0.0000	15:00	103	0.0034	3.4094	15:00	N/A	0.0000	0.0000	12:30	46	0.0264	26.4175	
15:15	70	0.0000	0.0000	15:15	103	0.0039	3.8990	15:15	N/A	0.0000	0.0000	12:45	46	0.0258	25.8018	
15:30	70	0.0000	0.0000	15:30	103	0.0057	5.7267	15:30	N/A	0.0000	0.0000	13:00	46	0.0251	25.1407	
15:45	70	0.0000	0.0000	15:45	103	0.0051	5.0981	15:45	N/A	0.0000	0.0000	13:15	46	0.0246	24.6183	
16:00	70	0.0000	0.0000	16:00	103	0.0057	5.7300	16:00	N/A	0.0000	0.0000	13:30	46	0.0163	16.3321	
16:15	70	0.0000	0.0000	16:15	103	0.0046	4.5659	16:15	N/A	0.0000	0.0000	13:45	46	0.0270	27.0206	
16:30	70	0.0000	0.0000	16:30	103	0.0063	6.2610	16:30	N/A	0.0000	0.0000	14:00	46	0.0309	30.9092	
16:45	70	0.0000	0.0000	16:45	103	0.0055	5.5047	16:45	N/A	0.0000	0.0000	14:15	46	0.0454	45.3686	
17:00	70	0.0000	0.0000	17:00	103	0.0063	6.3139	17:00	N/A	0.0000	0.0000	14:30	46	0.0242	24.1521	
17:15	70	0.0000	0.0000	17:15	103	0.0060	5.9702	17:15	N/A	0.0000	0.0000	14:45	46	0.0168	16.8188	
17:30	70	0.0000	0.0000	17:30	103	0.0054	5.3644	17:30	N/A	0.0000	0.0000	15:00	46	0.0434	43.3630	
17:45	70	0.0000	0.0000	17:45	103	0.0022	2.1665	17:45	N/A	0.0000	0.0000	15:15	46	0.0447	44.6908	
18:00	70	0.0000	0.0000	18:00	103	0.0028	2.7678	18:00	N/A	0.0000	0.0000	15:30	46	0.0436	43.6449	
18:15	70	0.0000	0.0000	18:15	103	0.0063	6.2528	18:15	N/A	0.0000	0.0000	15:45	46	0.0432	43.1920	
18:30	70	0.0000	0.0000	18:30	103	0.0006	0.5842	18:30	N/A	0.0000	0.0000	16:00	46	0.0374	37.4133	
18:45	70	0.0000	0.0000	18:45	103	0.0000	0.0000	18:45	N/A	0.0000	0.0000	16:15	46	0.0268	26.8358	
19:00	70	0.0000	0.0000	19:00	103	0.0000	0.0000	19:00	N/A	0.0000	0.0000	16:30	46	0.0247	24.6916	
19:15	70	0.0000	0.0000	19:15	103	0.0000	0.0000	19:15	N/A	0.0000	0.0000	16:45	46	0.0128	12.7747	
19:30	70	0.0000	0.0000	19:30	103	0.0000	0.0000	19:30	N/A	0.0000	0.0000	17:00	46	0.0089	8.8891	
19:45	70	0.0000	0.0000	19:45	103	0.0000	0.0000	19:45	N/A	0.0000	0.0000	17:15	46	0.0056	5.6438	
20:00	70	0.0000	0.0000	20:00	103	0.0000	0.0000	20:00	N/A	0.0000	0.0000	17:30	46	0.0109	10.9187	
20:15	70	0.0000	0.0000	20:15	103	0.0002	0.1834	20:15	N/A	0.0000	0.0000	17:45	46	0.0104	10.3714	
20:30	70	0.0000	0.0000	20:30	103	0.0006	0.6377	20:30	N/A	0.0000	0.0000	18:00	46	0.0160	15.9635	
20:45	70	0.0000	0.0000	20:45	103	0.0010	1.0294	20:45	N/A	0.0000	0.0000	18:15	46	0.0223	22.2952	
21:00	70	0.0000	0.0000	21:00	103	0.0017	1.6586	21:00	N/A	0.0000	0.0000	18:30	46	0.0243	24.2629	
21:15	70	0.0000	0.0000	21:15	103	0.0011	1.1263	21:15	N/A	0.0000	0.0000	18:45	46	0.0214	21.4166	
21:30	70	0.0000	0.0000	21:30	103	0.0006	0.6434	21:30	N/A	0.0000	0.0000	19:00	46	0.0091	9.0801	
21:45	70	0.0000	0.0000	21:45	103	0.0004	0.4421	21:45	N/A	0.0000	0.0000	19:15	46	0.0124	12.4437	
22:00	70	0.0000	0.0000	22:00	103	0.0003	0.2950	22:00	N/A	0.0000	0.0000	19:30	46	0.0121	12.1090	
22:15	70	0.0000	0.0000	22:15	103	0.0003	0.3236	22:15	N/A	0.0000	0.0000	19:45	46	0.0151	15.0982	
22:30	70	0.0000	0.0000	22:30	103	0.0004	0.4190	22:30	N/A	0.0000	0.0000	20:00	46	0.0175	17.4681	
22:45	70	0.0000	0.0000	22:45	103	0.0004	0.4002	22:45	N/A	0.0000	0.0000	20:15	46	0.0120	11.9977	
23:00	70	0.0000	0.0000	23:00	103	0.0003	0.2948	23:00	N/A	0.0000	0.0000	20:30	46	0.0048	4.8176	
23:15	70	0.0000	0.0000	23:15	103	0.0003	0.2679	23:15	N/A	0.0000	0.0000	20:45	46	0.0165	16.5428	
23:30	70	0.0000	0.0000	23:30	103	0.0001	0.1061	23:30	N/A	0.0000	0.0000	21:00	46	0.0138	13.8089	
23:45	70	0.0000	0.0000	23:45	103	0.0000	0.0000	23:45	N/A	0.0000	0.0000	21:15	46	0.0137	13.6982	
												21:30	46	0.0175	17.473884	
												21:45	46	0.0180	18.001675	
												22:00	46	0.0153	15.295904	
												22:15	46	0.0068	6.7964748	
												22:30	46	0.0132	13.171363	
												22:45	46	0.0175	17.510635	
												23:00	46	0.0137	13.650327	
												23:15	46	0.0086	8.6495182	
												23:30	46	0.0043	4.2895041	

* 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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23:45	46	0.0043	4.2822636	
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Fenceline Monitoring Locations

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

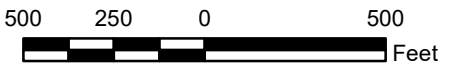


Environmental Resources Management, Inc.

April 2022



Scale in Feet
1 inch = 530 feet



500 250 0 500 Feet

Notes:

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

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

Fenceline Monitoring Locations

Shell Polymers
Monaca, PA

Sheet 1 of 1