



Shell Chemical Appalachia LLC
300 Frankfort Rd
Monaca, PA 15061

May 18, 2023

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: May 2023 Monthly Submittal of Information Requested from Shell Chemical Appalachia LLC

Dear Mark:

Shell Chemical Appalachia LLC (Shell), located in Beaver County, Pennsylvania is submitting this monthly information request per the Pennsylvania Department of Environmental Protection's (PADEP) request.

As requested, the data associated with this submittal include:

- Current 12-month emission data for each source and permitted pollutant per Plan Approval PA-04-00740C for the period through end of April, 2023.
- Emissions calculations protocol.
- List of Malfunction Reports submitted to the Department for April 2023.
- Fence line monitoring data for April, 2023.

Please note that per PADEP's recent request, Shell reverted back to the 98/99 percent destruction efficiency (dependent on carbon composition from GC data) as referenced in the permit and prior protocol. Specifically, for Source ID 204, Section D. I. pertaining to the Low Pressure Header System, Condition # 004 requires that the MPGFs demonstrate a destruction efficiency of 98 percent, and similarly for Source ID 205, Section D. I. pertaining to the HP Ground Flare, Condition #001 requires a destruction efficiency of 98 percent.

As you know, SPM has conducted further diagnostic testing of the flares both at its facility in January 2023 and at Zeeco's facility in May 2023 and contends that destruction efficiency of the flares is above 99.5%. However, for purposes of the current COA discussions and for any penalties calculated thereunder, we understand that the lower destruction efficiency will be used and make this submission for that purpose. We hope to revisit the diagnostic testing and destruction efficiency of our flares in the future.

If you have any questions or comments concerning the information included in this letter or the attached documentation, please feel free to contact me at kimberly.kaal@shell.com, or (724) 709-2467.

Sincerely,

Kimberly J. Kaal

Kimberly Kaal
Environmental Manager, Attorney in Fact

CC: Jim Miller, Regional Director
Elizabeth Speicher, Environmental Group Manager
Scott Beaudway, Air Quality Specialist

SHELL POLYMERS MONACA
AIR EMISSIONS PROTOCOL for PADEP's INVENTORY PROGRAM
Date: as of May 18, 2023

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
<ul style="list-style-type: none"> • 031: Ethane Cracking Furnace #1 • 032: Ethane Cracking Furnace #2 • 033: Ethane Cracking Furnace #3 • 034: Ethane Cracking Furnace #4 • 035: Ethane Cracking Furnace #5 • 036: Ethane Cracking Furnace #6 • 037: Ethane Cracking Furnace #7 <p>Main Burners Fuel Gas (Tail Gas, Natural Gas or Mixture of Tail gas and Natural Gas)</p> <p>Rated Capacity: 620 MMBtu/hr, each</p>	<ol style="list-style-type: none"> 1. NOx, CO <ul style="list-style-type: none"> • Temporary analyzer data used for Furnaces 2, 3, 5, 6, 7 during refractory dry-out (April through June 11, 2022) • Raw permanent analyzer data, where available used for all furnaces starting on June 24, 2022 (first valid PI data at furnaces) through November 11, 2022, where available. When analyzer data was not available, used emission factors from vendor data as contained in Feb. 2020 Update Plan Approval Application: <ul style="list-style-type: none"> ○ Normal Mode: CO – 0.035 lb/MMBtu; NOx – 0.015 lb/MMBtu ○ Decoke Mode: CO – 0.290 lb/MMBtu; NOx – 0.015 lb/MMBtu ○ Feed In/Out Mode: CO – 0.035 lb/MMBtu; NOx – 0.015 lb/MMBtu ○ Hot Steam Stand-by Mode: CO – 0.035 lb/MMBtu; NOx – 0.025 lb/MMBtu ○ Startup/Shutdown Mode: CO – 0.290 lb/MMBtu; NOx – 0.180 lb/MMBtu • CEMS analyzer hourly-block average output used starting November 12, 2022. 2. PM-filt [all operating modes except decoke]: AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. Site-specific emission factors to be developed after stack testing. 3. PM10, PM 2.5 [all operating modes except decoke]: Vendor Data at 0.005 lb/MMBtu [Feb. 2020 Update Plan Approval Application]. Site-specific emission factors to be developed after stack testing. 4. PM-filt, PM10, PM2.5 [de-coking]: 1.86 lbs/hr / 180 MMBtu/hr = 0.0103 lb/MMBtu (preliminary vendor data at 1.86 lbs/hr and estimated heat input during decoking). [Feb. 2020 Update Plan Approval Application]. Site-specific emission factors to be developed after stack testing. 5. PM-cond [all operating modes but decoke]: PM – PM filt. PM-cond emissions are negligible. 6. VOC: LAER emission factor at 0.0019 lb/MMBtu. [Feb. 2020 Update Plan Approval Application]. Site-specific emission factors to be developed after stack testing. 7. SO2: material balance based on mass of fuel gas combusted, taking out the H2 portion of the mass and using the sulfur content in natural gas. Equation: $FUEL\ GAS\ MASS - H2\ (WT\%) / 100] * S\ CONTENT\ (WT\%) / 100 * MW\ SO2 / MW\ S$. 8. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, “Fuel Oil Combustion”, 5/2010. 9. Total HAPs (minus lead and E-rated n-hexane): AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998. Site-specific emission factors to be developed after stack testing. 10. Lead: AP-42, Chapter 1.4, “Natural Gas Combustion”, 7/1998, but only considering the natural gas portion by removing the H2 content in the HHV of the fuel gas, consistent with the Feb. 2020 Plan Approval Application. 11. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr (highest of external combustion factor). VCAPCD AB2588 combem[2].pdf 12. NH3 (ammonia slip): In-stack analyzer data. 13. CO2: Material balance based on mass of fuel gas combusted and carbon content in fuel. Equation: $FUEL\ GAS\ MASS * C\ CONTENT\ (WT\%) / 100 * MW\ CO2 / MW\ C$. 14. CH4: 40 CFR Part 98 Subpart C Table C-2 emission factor for natural gas, but only considering the natural gas portion by removing the H2 content in the HHV of the fuel gas, consistent with the Feb. 2020 Plan Approval Application. 15. N2O: 40 CFR Part 98 Subpart C Table C-2 emission factor for natural gas. 	<p>PI Inputs</p> <ol style="list-style-type: none"> 1. Fuel Gas Mass Combusted Burners A-D (kg/hr) 2. Fuel Gas Mass Combusted Burners E-H (kg/hr) 3. Fuel Gas Composition (% mol) 4. NG Sulfur (S) Content (ppmv), converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf 5. NOx, CO Raw permanent hourly data (ppmvd – minute) 6. NOx, CO Analyzer Data (Block Average) (lbs/hr) 7. NH3 Analyzer Data (ppmvd) 8. Feed Rate Ethane (tonne/hr) 9. Feed Rate Ethane (tonne/hr) 10. Furnace feed (tonne/hr) 11. Decoke Status (Open/Closed) 12. Coil temperature (C) <p>Calculated/Miscellaneous Inputs</p> <ol style="list-style-type: none"> 1. Fuel Gas Molecular Weight: Fuel Gas Composition and Standard Molecular Weight of Constituents 2. HHV of Fuel Gas: Fuel Gas Composition and Standard Heat of Combustion for Constituents 3. % Carbon by weight and % H2 by weight: Fuel Gas Composition 4. Heat Rate of Fuel Gas: Fuel Gas Mass and HHV of Fuel Gas 5. H2 HHV Heat Release in Fuel Gas: H2 Composition (%mol), H2 Molecular Weight, Fuel Gas Molecular Weight, Fuel Gas HHV, H2 Heat of Combustion 6. Furnace Operating Mode <ol style="list-style-type: none"> a. Normal Mode: Feed Rate Ethane > 43 tonne/hr b. Feed IN/Out Mode: Feed Rate Ethane < 43 tonne/hr c. Hot Steam Standby Mode: Furnace feed <0.1 tonne/hr d. Decoke Mode: Open/Closed e. SU/SD Mode: Coil temperature <750

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
<ul style="list-style-type: none"> • 031: Ethane Cracking Furnace #1 • 032: Ethane Cracking Furnace #2 • 033: Ethane Cracking Furnace #3 • 034: Ethane Cracking Furnace #4 • 035: Ethane Cracking Furnace #5 • 036: Ethane Cracking Furnace #6 • 037: Ethane Cracking Furnace #7 <p>Pilots (Natural Gas)</p>	<ol style="list-style-type: none"> 1. NOx, CO: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998 until CEMS is online and verified. 2. PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. 3. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf 4. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: NG FUEL MASS * S CONTENT NG (WT%) / 100 * MW SO2 / MW S. 5. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 6. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: NG FUEL MASS * C CONTENT (WT%) / 100 * MW CO2 / MW C. 7. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 8. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<p><u>PI Inputs</u></p> <ol style="list-style-type: none"> 1. Pilot Natural Gas Mass Combusted (kg/hr) 2. Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density 3. Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) 4. Natural Gas Composition C1 – C6+ (%mol) 5. Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> 1. Heat Rate (MMBtu/hr) of Pilot: Pilot Natural Gas Mass and Natural Gas HHV 2. Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition
<ul style="list-style-type: none"> • 101: Combustion Turbine/Duct Burner Unit #1 • 102: Combustion Turbine/Duct Burner Unit #2 • 103: Combustion Turbine/Duct Burner Unit #3 	<ol style="list-style-type: none"> 1. NOx, CO: Certified CEMS using analyzer data and 40 CFR Part 75 Appendix D and F equations. 2. NH3 (ammonia slip): In-stack analyzer data when feasible. 3. PM-filt, PM-cond, PM10, PM2.5: Stack test factors (most recent). 4. VOC: Stack test factors (most recent). 5. HCHO (formaldehyde), benzene, toluene: Stack test factors developed from retest Nov/Dec 2022 using approved alternative test methods with lower detection limits. 6. Total HAPs (minus formaldehyde, benzene, toluene): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. 7. 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. 8. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 9. CO2: 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. 10. CH4, N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<p><u>PI Inputs</u></p> <ol style="list-style-type: none"> 1. Fuel Gas Mass Combusted Combustion Turbine (kg/hr) 2. Fuel Gas Mass Combusted Duct Burners (kg/hr) 3. Natural Gas Gross Calorific Value (kJ/kg) 4. Natural Gas Composition C1 – C6+ (%mol) 5. Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> 1. Natural Gas Gross Calorific Value (kJ/kg) 2. Total Heat Input: Natural Gas Rate and Gross Calorific Value 3. Fuel Gas Molecular Weight: Fuel Gas Composition and Standard Molecular Weight of Constituents 4. Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition
<p>105: Diesel-Fired Emergency Generator Engines (2 unit)</p> <ul style="list-style-type: none"> • Parking Garage Diesel Generator, 103 bhp, Cummins QSB5-G3 • Communications Tower Diesel Generator, 67 bhp, Kohler KDI 3404 TM 	<ol style="list-style-type: none"> 1. NOx, CO, HC (VOC), PM-filt: Manufacturer Data Sheet (g/bhp). 2. PM10, PM2.5: AP-42, Appendix B.2, "Generalized Particle Size Distribution", 9/90, PM10 = 0.96*PM and PM2.5 = 0.90*PM. 3. PM-cond: AP-42, Chapter 3.4, "Large Stationary Diesel and All Stationary Dual-Fuel Engines, 10/96. 4. SO2: Material balance based on estimated diesel mass and fuel sulfur content of diesel. Equation: DIESEL MASS * S CONTENT DIESEL (ppmw) / 10000 ppmw / 100 * MW SO2 / MW S. 5. HAP: AP-42, Chapter 3.3, "Gasoline and Diesel Industrial Engines", 10/96. 6. CO2: 40 CFR Part 98 Subpart C, Table C-1 emission factor for Distillate Fuel Oil No. 2. 7. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. 8. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. 	<p><u>Data Inputs</u></p> <ol style="list-style-type: none"> 1. Operating Hours – collected internally on monthly basis 2. Brake Specific Fuel Consumption: 7,000 Btu/hp-hr (AP-42 Chapter 3.3) 3. Diesel HHV: 139,600 Btu/gal 4. Diesel Density: 7.674 lb/gal 5. Sulfur Content of Diesel: 15 ppmw <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> 1. Heat Input (MMBtu/hr): Engine capacity and BSFC 2. Hourly Fuel Consumption: Heat Input and Diesel Density
<p>106: Fire Pump Engines (2 units)</p> <ul style="list-style-type: none"> • Fire Pump A (Diesel), 488 hp, Cummins CFP15E-F10 • Fire Pump B (Diesel), 488 hp, Cummins CFP15E-F10 	<ol style="list-style-type: none"> 1. NOx, CO, NMNH (VOC), PM-filt: Manufacturer Data Sheet (g/bhp). 2. PM10, PM2.5: AP-42, Appendix B.2, "Generalized Particle Size Distribution", 9/90, PM10 = 0.96*PM and PM2.5 = 0.90*PM. 3. PM-cond: AP-42, Chapter 3.4, "Large Stationary Diesel and All Stationary Dual-Fuel Engines, 10/96. 4. SO2: Material balance based on estimated diesel mass and fuel sulfur content of diesel. Equation: DIESEL MASS * S CONTENT DIESEL (ppmw) / 10000 ppmw / 100 * MW SO2 / MW S. 5. HAP: AP-42, Chapter 3.3, "Gasoline and Diesel Industrial Engines", 10/96. 6. CO2: 40 CFR Part 98 Subpart C, Table C-1 emission factor for Distillate Fuel Oil No. 2. 7. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. 8. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. 	<p><u>Data Inputs</u></p> <ol style="list-style-type: none"> 1. Operating Hours – collected internally on monthly basis 2. Brake Specific Fuel Consumption: 7,000 Btu/hp-hr (AP-42 Chapter 3.3) 3. Diesel HHV: 139,600 Btu/gal 4. Diesel Density: 7.674 lb/gal 5. Sulfur Content of Diesel: 15 ppmw <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> 1. Heat Input (MMBtu/hr): Engine capacity and BSFC 2. Hourly Fuel Consumption: Heat Input and Diesel Density

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
<p>107: Natural Gas Fired Emergency Generator Engines (3)</p> <ul style="list-style-type: none"> • Backup Generator Lift Station A, 50 bhp, GM Vortec 3.0L I-4 (4SLB) • Backup Generator Intermediate Lift Station, 158 bhp, GM Vortec 5.7L V-8 (4SRB) • PGT Building (Shell Visitor Center Backup Generator), 113 bhp, GM 5.7L V-8 (4SLB) 	<ol style="list-style-type: none"> 1. NOx + THC (assumed NOx), CO, CO2: Manufacturer Data Sheet (g/bhp). 2. 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. 3. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<p><u>Data Inputs</u></p> <ol style="list-style-type: none"> 1. Operating Hours – collected internally on monthly basis 2. Maximum fuel consumption: provided on Manufacturer Data Sheets (scf/hr) 3. Natural Gas HHV: 1000 Btu/scf <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> 1. Heat Input (MMBtu/hr): Maximum fuel consumption and Natural Gas HHV
<p>204: Low Pressure (LP) Header System Continuous Vent Thermal Oxidizer (CVTO)</p> <p>Process Vents</p>	<ol style="list-style-type: none"> 1. NOx: 0.068 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. 2. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. 3. PM10 and PM2.5: 0.0075 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. 4. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: VENT GAS MASS TO FLARE * VOC CONTENT (WT%) / 100 * (1-DRE). 5. 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. 6. PM-filt, PM-cond, Total HAPs (except e-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors for HAPs to be developed after stack testing. 7. n-Hexane: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf 8. 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. 9. CH4: Material balance based on quantity of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: VENT GAS MASS TO FLARE * CH4 CONTENT (WT%) / 100 * (1-DRE). 10. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. 11. Thermal Oxidizer DRE: 99.9% John Zink Design Specification, 1/4/2018. 	<p><u>PI Inputs</u></p> <ol style="list-style-type: none"> 1. CVTO/MPGF Header 3 Vent Gas Mass (kg/hr) 2. MPGF Header 3 Vent Gas Mass (kg/hr) 3. CVTO/MPGF Header 3 Vent Gas Composition (% mol) 4. CVTO/MPGF Header 3 Vent Gas Sulfur Content (% wt) <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> 1. CVTO Vent Gas Mass: CVTO/MPGF Header 3 Vent Gas Mass – MPGF Header 3 Vent Gas Mass 2. Molecular Weight of CVTO/MPGF Header 3 Vent Gas: CVTO/MPGF Header 3 Vent Gas Composition and Standard Molecular Weight of Constituents. 3. HHV of CVTO/MPGF Header 3 Vent Gas: CVTO/MPGF Header 3 Vent Gas Composition and Standard Heat of Combustion for Constituents. 4. % Carbon by weight: CVTO/MPGF Header 3 Vent Gas Composition 5. Heat Input of CVTO Vent Gas: CVTO Vent Gas Mass and HHV of CVTO/MPGF Header 3
<p>204: Low Pressure (LP) Header System Continuous Vent Thermal Oxidizer (CVTO)</p> <p>Primary Firing Fuel (Natural Gas)</p>	<ol style="list-style-type: none"> 1. NOx, 0.068 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. 2. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. 3. PM10 and PM2.5: 0.0075 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. 4. PM-filt, PM-cond, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors for HAPs to be developed after stack testing. 5. n-Hexane: 0.0046 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, 10-100 MMBtu/hr). VCAPCD AB2588 combem[2].pdf 6. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: NG FUEL MASS * S CONTENT NG (WT%) / 100 * MW SO2 / MW S. 7. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 8. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: NG FUEL MASS * C CONTENT (WT%) / 100 * MW CO2 / MW C. 9. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 10. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<p><u>PI Inputs</u></p> <ol style="list-style-type: none"> 1. Natural Gas Flow Rate (Nm3/hr) 2. Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density 3. Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) 4. Natural Gas Composition C1 – C6+ (%mol) 5. Natural Gas Sulfur (S) Content (ppmv), converted to wt %by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> 1. Natural Gas Mass: Calculated using Natural Gas Flow Rate and Density of Natural Gas 2. Heat Rate (MMBtu/hr): Natural Gas Mass and Natural Gas HHV 1. Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
204: Low Pressure (LP) Header System Continuous Vent Thermal Oxidizer (CVTO) Pilot (Natural Gas)	<ol style="list-style-type: none"> NOx, CO, PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $NG\ FUEL\ MASS * S\ CONTENT\ NG\ (WT\%) / 100 * MW\ SO2 / MW\ S$. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $NG\ FUEL\ MASS * C\ CONTENT\ (WT\%) / 100 * MW\ CO2 / MW\ C$. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<u>PI Inputs</u> <ol style="list-style-type: none"> Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) Natural Gas Composition C1 – C6+ (%mol) Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Pilot Heat Rate: Constant at 0.5023 MMBtu/hr based on design specifications Natural Gas Mass: Calculated using Pilot Heat Input, HHV of Natural Gas, and natural Gas Density Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition
204: Low Pressure (LP) Header System Multipoint Ground Flare (MPGF) PE 1/PE 2 Episodic Vent Flaring (Supplemental gas added with vent gas if needed)	<ol style="list-style-type: none"> NOx and CO: AP-42, Chapter 13.5, "Industrial Flares", 2/2018. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * VOC\ CONTENT\ (WT\%) / 100 * (1-DRE)$. SO2: Material balance based on mass of vent gas flared and sulfur content in vent gas to flare. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * S\ CONTENT\ (WT\%) / 100 * MW\ SO2 / MW\ S$. PM-filt, PM-cond, PM10, PM2.5, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. n-Hexane: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * C\ CONTENT\ (WT\%) / 100 * MW\ CO2 / MW\ C * DRE$. CH4: Material balance based on quantity of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * CH4\ CONTENT\ (WT\%) / 100 * (1-DRE)$. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. Flare DRE: 99% DRE for compounds containing three (3) or fewer carbon atoms and 98% for compounds with greater than three (3) carbon atoms, Texas Commission on Environmental Quality Air Permits Division, "New Source Review (NSR) Emission Calculations" (APD-ID 6v1, Revised March 2021). 	<u>PI Inputs</u> <ol style="list-style-type: none"> Vent Gas Mass to Flare – MPGF Header 1 (kg/hr) Supplemental Natural Gas Flow to Flare (Nm3/hr), mixed with vent gas mass MPGF Header 1, converted to lbs/hr using natural gas specific gravity Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) Total Vent Gas to Flare Composition (% mol), includes supplemental natural gas Total Vent Gas to Flare Sulfur Content (% wt), includes supplemental natural gas <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Molecular Weight of Total Vent Gas to Flare: Total Vent Gas to Flare Composition and Standard Molecular Weight of Constituents HHV of Total Vent Gas to Flare: Total Vent Gas to Flare Composition and Standard Heat of Combustion for Constituents Supplemental Natural Gas Mass: Supplemental Natural Gas to Flare (Nm3/hr) and specific gravity of natural gas Total Vent Gas Mass to Flare: Vent Gas Mass to Flare + Supplemental Natural Gas Mass % 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 Vent Flaring	<ol style="list-style-type: none"> NOx and CO: AP-42, Chapter 13.5, "Industrial Flares", 2/2018. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * VOC\ CONTENT\ (WT\%) / 100 * (1-DRE)$. SO2: No Sulfur in Vent Gas. PM-filt, PM-cond, PM10, PM2.5, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. n-Hexane: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * C\ CONTENT\ (WT\%) / 100 * MW\ CO2 / MW\ C * DRE$. CH4: Material balance based on quantity of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * CH4\ CONTENT\ (WT\%) / 100 * (1-DRE)$. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. Flare DRE: 99% DRE for compounds containing three (3) or fewer carbon atoms and 98% for compounds with greater than three (3) carbon atoms, Texas Commission on Environmental Quality Air Permits Division, "New Source Review (NSR) Emission Calculations" (APD-ID 6v1, Revised March 2021). 	<u>PI Inputs</u> <ol style="list-style-type: none"> Vent Gas Mass to Flare – MPGF Header 2 (kg/hr) <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Composition is 100% ethylene Flare DRE: 99% DRE for ethylene. <p>Note: for initial startup (a portion of 9/2022 only), supplemental natural gas was used to ensure proper heating value of vent gas since it was mainly nitrogen. Additionally, an alternative method was utilized to account for the high amounts of nitrogen and one-time only use of natural gas.</p>

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

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
<p>205: High Pressure (HP) Header System (Flares)</p>	<ol style="list-style-type: none"> 1. NOx and CO for Totally Enclosed Ground Flares (TEGFs) from Zeeco Manufacturer Data: <ol style="list-style-type: none"> a. NOx: 0.068 lb/MMBtu b. CO: 0.038 lb/MMBtu for Total Heat Input \geq 8,396 MMBtu/hr; 0.2755 lb/MMBtu for Heat Input $<$8,396 MMBtu/hr 2. NOx and CO for Elevated Flare from Zeeco Manufacturer Data: <ol style="list-style-type: none"> a. NOx: 0.068 lb/MMBtu b. CO: 0.31 lb/MMBtu 3. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{VOC CONTENT (WT\%)} / 100 * (1-\text{DRE})$. 4. SO2: Material balance based on mass of vent gas flared and sulfur content in vent gas to flare. Equation: $\text{VENT GAS MASS TO FLARE} * \text{S CONTENT (WT\%)} / 100 * \text{MW SO}_2 / \text{MW S}$. 5. PM-filt, PM-cond, PM10, PM2.5: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. 6. Total HAPs (except E-rated n-hexane) resulting from products of combustion: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. 7. n-Hexane resulting from products of combustion: 0.029 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, Flares. VCAPCD AB2588 combem[2].pdf 8. Organic HAPs in Waste Gas: Material balance 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), VOC destruction efficiency, and speciating using C3+ composition from lab analysis. Events are reviewed with Production Group to ensure accuracy of emissions based on the various activities. Equation: $\text{VENT GAS MASS TO FLARE} * \text{C}_4 \text{ OLEFINS or C}_6\text{plus CONTENT (WT\%)} / 100 * \text{INDIVIDUAL HAP CONTENT LAB DATA (WT\%)/100} * (1-\text{DRE})$. 9. CO2: Material balance based on mass of vent gas to flare, carbon content in vent gas to flare, and destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C} * \text{DRE}$. 10. CH4: Material balance based on quantity of vent gas to flare, CH4 content of the vent gas to flare and CH4 destruction efficiency. Equation: $\text{VENT GAS MASS TO FLARE} * \text{CH}_4 \text{ CONTENT (WT\%)} / 100 * (1-\text{DRE})$. 11. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for fuel gas. 12. Totally Enclosed Ground Flares (TEGFs) DRE and Elevated Flare DRE: 99% DRE for compounds containing three (3) or fewer carbon atoms and 98% for compounds with greater than three (3) carbon atoms, , Texas Commission on Environmental Quality Air Permits Division, "New Source Review (NSR) Emission Calculations" (APD-ID 6v1, Revised March 2021). 	<p>PI Inputs</p> <ol style="list-style-type: none"> 1. Vent Gas Flow to Flare (Actual m3/hr), includes Supplemental Natural Gas 2. Vent Gas to Flare Pressure (bar-g) 3. Vent Gas to Flare Temperature (C) 4. Vent Gas to Flare Composition (% mol), includes Supplemental Natural Gas from inline analyzer 5. Vent Gas to Flare Sulfur Content (% wt) <p>Calculated/Miscellaneous Inputs</p> <ol style="list-style-type: none"> 1. Molecular Weight of Vent Gas to Flare: Vent Gas to Flare Composition and Standard Molecular Weight of Constituents 2. HHV of Vent Gas to Flare: Vent Gas to Flare Composition and Standard Heat of Combustion for Constituents 3. Vent Gas to Flare Density: Molecular Weight, Pressure and Temperature of Vent Gas to Flare 4. Vent Gas Mass to Flare: Vent Gas Flow to Flare (actual m3/hr) and Vent Gas to Flare Density 5. % Carbon and H2 by weight: Vent Gas to Flare Composition 6. Heat Input of Vent Gas to Flare: Vent Gas Mass to Flare and HHV of Vent Gas to Flare 7. C3+ Composition: Laboratory Data
<p>205: High Pressure (HP) Header System (Flares)</p> <ul style="list-style-type: none"> • TGEF #1 Pilot • TGEF #2 Pilot • Elevated Flare Pilot 	<ol style="list-style-type: none"> 1. NOx, CO, PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. 2. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, $<$10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf 3. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $\text{NG FUEL MASS} * \text{S CONTENT NG (WT\%)} / 100 * \text{MW SO}_2 / \text{MW S}$. 4. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 5. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $\text{NG FUEL MASS} * \text{C CONTENT (WT\%)} / 100 * \text{MW CO}_2 / \text{MW C}$. 6. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 7. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<p>PI Inputs</p> <ol style="list-style-type: none"> 1. Natural Gas HHV (Btu/scf) 2. Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) 3. Natural Gas Composition C1 – C6+ (%mol) 4. Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <p>Calculated/Miscellaneous Inputs</p> <ol style="list-style-type: none"> 1. Pilot Natural Gas Mass Combusted <ul style="list-style-type: none"> • TGEF #1 and #2: Constant at 1.105 MMBtu/hr per TGEF per design specifications. • Elevated Flare Pilot: Constant at 0.26 MMBtu/hr per design specifications] 2. Natural Gas Mass: Calculated using Pilot Heat Input, HHV of Natural Gas, and natural Gas Density 3. Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
206: Spent Caustic Vent Header System Process Vents	<ol style="list-style-type: none"> 1. NOx: 0.068 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 2. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 3. PM10 and PM2.5: 0.0075 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 4. VOC: 0.04043 lb/MMBtu based on 3.2 g/Nm3 VOC and 99.9% DRE, design basis. [Feb. 2020 Update Plan Approval Application] 5. SO2: 0.0879 lb/MMBtu based on 0.05 g/Nm3 H2S, design basis. [Feb. 2020 Update Plan Approval Application] 6. 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. 7. PM-filt, PM-cond: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors for HAP to be developed after stack testing. 8. HAPS: Assumed to be equal to VOC [Feb. 2020 Update Plan Approval Application] 9. CO2: 7.8 lb/MMBtu based on 8.4 g/Nm3 CO2, design basis plus 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. [Feb. 2020 Update Plan Approval Application] 10. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 11. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 12. Thermal Oxidizer DRE: 99.9% John Zink Design Specification, 7/12/2017. 	<u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> 1. Heat Rate: 0.7 MMBtu/hr [Design Basis Heat Input from VOC]
206: Spent Caustic Vent Header System Primary Firing Fuel (Natural Gas)	<ol style="list-style-type: none"> 1. NOx: 0.068 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 2. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 3. PM10 and PM2.5: 0.0075 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 4. PM-filt, PM-cond, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors for HAP to be developed after stack testing, 5. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf 6. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $NG \text{ FUEL MASS} * S \text{ CONTENT NG (WT\%)} / 100 * MW \text{ SO}_2 / MW \text{ S}$. 7. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 8. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $NG \text{ FUEL MASS} * C \text{ CONTENT (WT\%)} / 100 * MW \text{ CO}_2 / MW \text{ C}$. 9. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 10. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<u>PI Inputs</u> <ol style="list-style-type: none"> 1. Natural Gas Flow Rate (Nm3/hr) 2. Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density 3. Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) 4. Natural Gas Composition C1 – C6+ (%mol) 5. Natural Gas Sulfur (S) Content (ppmv), converted to wt %by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> 1. Natural Gas Mass: Calculated using Natural Gas Flow Rate and Density of Natural Gas 2. Heat Rate (MMBtu/hr): Natural Gas Mass and Natural Gas HHV 3. Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
206: Spent Caustic Vent Header System Pilot (Natural Gas)	<ol style="list-style-type: none"> NOx, CO, PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: NG FUEL MASS * S CONTENT NG (WT%) / 100 * MW SO2 / MW S. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: NG FUEL MASS * C CONTENT (WT%) / 100 * MW CO2 / MW C. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<u>PI Inputs</u> <ol style="list-style-type: none"> Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) Natural Gas Composition C1 – C6+ (%mol) Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Pilot Heat Rate. Constant at 0.5023 MMBtu/hr, per design specifications. Natural Gas Mass: Calculated using Pilot Heat Input, HHV of Natural Gas, and natural Gas Density Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition
104: Cogeneration Plant Cooling Tower	<ol style="list-style-type: none"> PM-filt: 0.0005% wt / 100 * Circulation Rate (gal/hr) x 8.34 lb/gal (water density) x TDS Correlation Factor (ppmx/uS/cm) x Conductivity (uS.cm) / 1000000 [Feb. 2020 Plan Approval Application] PM-10 and PM2.5: 63.5% and 0.21 % wt fraction of PM-filt based on "Calculating Realistic PM10 Emissions from Cooling Towers"; Reisman & Frisbie [Feb. 2020 Plan Approval Application] 	<u>PI Inputs</u> <ol style="list-style-type: none"> Water conductivity Water Discharge Flow Water Make-up Flow <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Cogen Cooling Water TDS Sampling Results Circulation Rate = Discharge Flow plus Make-Up Flow
203: Process Cooling Tower	<ol style="list-style-type: none"> PM-filt: 0.0005% wt / 100 * Circulation Rate (gal/hr) x 8.34 lb/gal (water density) x TDS Correlation Factor (ppmx/uS/cm) x Conductivity (uS.cm) / 1000000 [Feb. 2020 Plan Approval Application] PM10 and PM2.5: 63.5% and 0.21 % wt fraction of PM-filt based on "Calculating Realistic PM10 Emissions from Cooling Towers"; Reisman & Frisbie [Feb. 2020 Plan Approval Application] VOC: Process Water VOC (ppmw)/1,000,000 * Circulation Rate (gal/hr) * 8.34 lb/gal (water density). 	<u>PI Inputs</u> <ol style="list-style-type: none"> Water conductivity Water Discharge Flow Water Make-up Flow <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Circulation Rate = Discharge Flow plus Make-Up Flow Process Cooling Water TDS Sampling Results Process Cooling Water VOC Sampling Results
202: Polyethylene Manufacturing Lines	<ol style="list-style-type: none"> PM-Filt: Outlet Grain Loading and Flow Rate or Vendor Emissions Estimations to yield an tons/day rate. 	<u>PI Inputs</u> <ol style="list-style-type: none"> PE 1, PE 2, PE 3 Ethylene Feed Rates – used for operational time since ethylene feed is required to operate the unit and correlates directly to run time.
301: Polyethylene Pellet Material Storage, Handling and Loadout	<ol style="list-style-type: none"> PM-filt: Outlet Grain Loading and Flow Rate or Inlet Grain Loading, Control Efficiency (%) and Flow Rate (dscf/hr). VOC: Periodic Sampling of VOC Headspace. 	<u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Vendor-Provided Outlet Grain Loading and Flow Rate Vendor-Provided Inlet Grain Loading and Control Efficiency and Flow Rate Polyethylene mass produced at each reactor grade per sample
302: Liquid Loadout (Recovered Oil)	VOC, HAP: AP-42 Chapter 5.2, "Transportation and Marketing of Petroleum Liquids", 6/2008.	<u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Quantity of material loaded Stream composition data from engineering heat and material balance (wt% VOC, HAP, CH4)
303: Liquid Loadout (Pyrolysis Fuel Oil, Light Gasoline)	VOC, HAP: Hose disconnect loss from TODO dry disconnect couple loss per disconnect manufacturer data.	<u>PI Inputs</u> <ol style="list-style-type: none"> Truck Loading Connection Valve (Open/Close) <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> Manufacturer Hose Coupling Disconnect Factor (ml/disconnect)

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

List of Malfunction Reports
Shell Polymers Monaca
Date: May 18, 2023

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
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

List of Malfunction Reports

Shell Polymers Monaca

Date: May 18, 2023

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
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-a	ECU	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	Forthcoming



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
1	4/13/2023	0.18	µg/m3	Naphthalene	
1	4/13/2023	0.13	µg/m3	1,3-Butadiene	
1	4/13/2023	2.2	µg/m3	Benzene	
1	4/13/2023	13	µg/m3	Toluene	
1	4/13/2023	0.36	µg/m3	n-Hexane	
1BLK	4/13/2023	0.06	µg/m3	Naphthalene	
1BLK	4/13/2023	0.13	µg/m3	1,3-Butadiene	
1BLK	4/13/2023	0.18	µg/m3	Benzene	
1BLK	4/13/2023	0.23	µg/m3	Toluene	
1BLK	4/13/2023	0.21	µg/m3	n-Hexane	
2	4/13/2023	0.07	µg/m3	Naphthalene	
2	4/13/2023	0.13	µg/m3	1,3-Butadiene	
2	4/13/2023	0.75	µg/m3	Benzene	
2	4/13/2023	1.4	µg/m3	Toluene	
2	4/13/2023	0.34	µg/m3	n-Hexane	
3	4/13/2023	0.06	µg/m3	Naphthalene	
3	4/13/2023	0.13	µg/m3	1,3-Butadiene	
3	4/13/2023	0.73	µg/m3	Benzene	
3	4/13/2023	1.1	µg/m3	Toluene	
3	4/13/2023	0.40	µg/m3	n-Hexane	
4	4/13/2023	0.06	µg/m3	Naphthalene	
4	4/13/2023	0.13	µg/m3	1,3-Butadiene	
4	4/13/2023	1.1	µg/m3	Benzene	
4	4/13/2023	2.9	µg/m3	Toluene	
4	4/13/2023	0.35	µg/m3	n-Hexane	
5	4/13/2023	0.06	µg/m3	Naphthalene	
5	4/13/2023	0.13	µg/m3	1,3-Butadiene	
5	4/13/2023	1.4	µg/m3	Benzene	
5	4/13/2023	4.3	µg/m3	Toluene	
5	4/13/2023	0.30	µg/m3	n-Hexane	
6	4/13/2023	0.06	µg/m3	Naphthalene	
6	4/13/2023	0.13	µg/m3	1,3-Butadiene	
6	4/13/2023	1.6	µg/m3	Benzene	
6	4/13/2023	5.1	µg/m3	Toluene	
6	4/13/2023	0.27	µg/m3	n-Hexane	
7	4/13/2023	0.08	µg/m3	Naphthalene	
7	4/13/2023	0.13	µg/m3	1,3-Butadiene	
7	4/13/2023	1.6	µg/m3	Benzene	
7	4/13/2023	4.7	µg/m3	Toluene	
7	4/13/2023	0.30	µg/m3	n-Hexane	
8	4/13/2023	0.06	µg/m3	Naphthalene	
8	4/13/2023	0.13	µg/m3	1,3-Butadiene	
8	4/13/2023	1.1	µg/m3	Benzene	
8	4/13/2023	1.7	µg/m3	Toluene	
8	4/13/2023	0.36	µg/m3	n-Hexane	
9	4/13/2023	0.13	µg/m3	Naphthalene	
9	4/13/2023	0.13	µg/m3	1,3-Butadiene	
9	4/13/2023	2.4	µg/m3	Benzene	
9	4/13/2023	2.2	µg/m3	Toluene	

9	4/13/2023	0.34	µg/m3	n-Hexane	
10	4/13/2023	0.41	µg/m3	Naphthalene	
10	4/13/2023	0.13	µg/m3	1,3-Butadiene	
10	4/13/2023	8.8	µg/m3	Benzene	
10	4/13/2023	32	µg/m3	Toluene	
10	4/13/2023	0.34	µg/m3	n-Hexane	
11	4/13/2023	1.0	µg/m3	Naphthalene	
11	4/13/2023	0.38	µg/m3	1,3-Butadiene	
11	4/13/2023	22	µg/m3	Benzene	* See Field Investigation Below
11	4/13/2023	86	µg/m3	Toluene	
11	4/13/2023	0.64	µg/m3	n-Hexane	
11DUP	4/13/2023	0.90	µg/m3	Naphthalene	
11DUP	4/13/2023	0.38	µg/m3	1,3-Butadiene	
11DUP	4/13/2023	23	µg/m3	Benzene	* See Field Investigation Below
11DUP	4/13/2023	89	µg/m3	Toluene	
11DUP	4/13/2023	0.64	µg/m3	n-Hexane	
12	4/13/2023	0.22	µg/m3	Naphthalene	
12	4/13/2023	0.38	µg/m3	1,3-Butadiene	
12	4/13/2023	47	µg/m3	Benzene	* See Field Investigation Below
12	4/13/2023	24	µg/m3	Toluene	
12	4/13/2023	0.64	µg/m3	n-Hexane	
12BLK	4/13/2023	0.06	µg/m3	Naphthalene	
12BLK	4/13/2023	0.13	µg/m3	1,3-Butadiene	
12BLK	4/13/2023	0.18	µg/m3	Benzene	
12BLK	4/13/2023	0.23	µg/m3	Toluene	
12BLK	4/13/2023	0.21	µg/m3	n-Hexane	
13	4/13/2023	0.06	µg/m3	Naphthalene	
13	4/13/2023	0.13	µg/m3	1,3-Butadiene	
13	4/13/2023	3.9	µg/m3	Benzene	
13	4/13/2023	1.2	µg/m3	Toluene	
13	4/13/2023	0.26	µg/m3	n-Hexane	
14	4/13/2023	2.2	µg/m3	Naphthalene	
14	4/13/2023	0.45	µg/m3	1,3-Butadiene	
14	4/13/2023	19	µg/m3	Benzene	* See Field Investigation Below
14	4/13/2023	63	µg/m3	Toluene	
14	4/13/2023	0.64	µg/m3	n-Hexane	
14DUP	4/13/2023	2.1	µg/m3	Naphthalene	
14DUP	4/13/2023	0.45	µg/m3	1,3-Butadiene	
14DUP	4/13/2023	18	µg/m3	Benzene	* See Field Investigation Below
14DUP	4/13/2023	60	µg/m3	Toluene	
14DUP	4/13/2023	0.64	µg/m3	n-Hexane	
15	4/13/2023	6.2	µg/m3	Naphthalene	
15	4/13/2023	2.2	µg/m3	1,3-Butadiene	
15	4/13/2023	110	µg/m3	Benzene	* See Field Investigation Below
15	4/13/2023	500	µg/m3	Toluene	
15	4/13/2023	0.64	µg/m3	n-Hexane	
16	4/13/2023	1.7	µg/m3	Naphthalene	
16	4/13/2023	0.64	µg/m3	1,3-Butadiene	
16	4/13/2023	31	µg/m3	Benzene	* See Field Investigation Below
16	4/13/2023	140	µg/m3	Toluene	
16	4/13/2023	0.64	µg/m3	n-Hexane	
17	4/13/2023	0.95	µg/m3	Naphthalene	
17	4/13/2023	0.39	µg/m3	1,3-Butadiene	
17	4/13/2023	16	µg/m3	Benzene	* See Field Investigation Below
17	4/13/2023	84	µg/m3	Toluene	

17	4/13/2023	0.64	µg/m3	n-Hexane	
18	4/13/2023	0.74	µg/m3	Naphthalene	
18	4/13/2023	0.38	µg/m3	1,3-Butadiene	
18	4/13/2023	15	µg/m3	Benzene	* See Field Investigation Below
18	4/13/2023	75	µg/m3	Toluene	
18	4/13/2023	0.64	µg/m3	n-Hexane	
19	4/13/2023	1.0	µg/m3	Naphthalene	
19	4/13/2023	0.38	µg/m3	1,3-Butadiene	
19	4/13/2023	14	µg/m3	Benzene	* See Field Investigation Below
19	4/13/2023	89	µg/m3	Toluene	
19	4/13/2023	0.64	µg/m3	n-Hexane	
20	4/13/2023	0.81	µg/m3	Naphthalene	
20	4/13/2023	0.38	µg/m3	1,3-Butadiene	
20	4/13/2023	10	µg/m3	Benzene	* See Field Investigation Below
20	4/13/2023	66	µg/m3	Toluene	
20	4/13/2023	0.64	µg/m3	n-Hexane	

High Benzene Reading µg/m3:	110
High Benzene Reading ppmv:	0.03443
Low Benzene Reading µg/m3:	0.73
Benzene Action Level µg/m3:	9.0
Action Threshold Exceeded (Y/N):	Y

* Field Investigation	On the afternoon of April 11th, the site was de-inventorying in preparation for repair work, and excess free hydrocarbon was sent to the biotreaters from one of the wastewater tanks due to a level issue. The cause is understood and has been addressed and solutions are being implemented.
* Note	The micrograms per cubic meter is accurate. When converting this reading into parts per million volume (ppmv) there was a conversion error. The corrected ppmv information was posted on 04/25/2023.



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
1	4/26/2023	0.07	µg/m3	Naphthalene	
1	4/26/2023	0.14	µg/m3	1,3-Butadiene	
1	4/26/2023	0.56	µg/m3	Benzene	
1	4/26/2023	0.77	µg/m3	Toluene	
1	4/26/2023	0.24	µg/m3	n-Hexane	
1BLK	4/26/2023	0.07	µg/m3	Naphthalene	
1BLK	4/26/2023	0.14	µg/m3	1,3-Butadiene	
1BLK	4/26/2023	0.20	µg/m3	Benzene	
1BLK	4/26/2023	0.26	µg/m3	Toluene	
1BLK	4/26/2023	0.24	µg/m3	n-Hexane	
2	4/26/2023	0.07	µg/m3	Naphthalene	
2	4/26/2023	0.14	µg/m3	1,3-Butadiene	
2	4/26/2023	0.50	µg/m3	Benzene	
2	4/26/2023	0.63	µg/m3	Toluene	
2	4/26/2023	0.24	µg/m3	n-Hexane	
3	4/26/2023	0.07	µg/m3	Naphthalene	
3	4/26/2023	0.14	µg/m3	1,3-Butadiene	
3	4/26/2023	0.56	µg/m3	Benzene	
3	4/26/2023	0.62	µg/m3	Toluene	
3	4/26/2023	0.34	µg/m3	n-Hexane	
4	4/26/2023	0.07	µg/m3	Naphthalene	
4	4/26/2023	0.14	µg/m3	1,3-Butadiene	
4	4/26/2023	0.54	µg/m3	Benzene	
4	4/26/2023	0.64	µg/m3	Toluene	
4	4/26/2023	0.24	µg/m3	n-Hexane	
5	4/26/2023	0.07	µg/m3	Naphthalene	
5	4/26/2023	0.14	µg/m3	1,3-Butadiene	
5	4/26/2023	0.42	µg/m3	Benzene	
5	4/26/2023	0.54	µg/m3	Toluene	
5	4/26/2023	0.24	µg/m3	n-Hexane	
6	4/26/2023	0.07	µg/m3	Naphthalene	
6	4/26/2023	0.14	µg/m3	1,3-Butadiene	
6	4/26/2023	0.45	µg/m3	Benzene	
6	4/26/2023	0.58	µg/m3	Toluene	
6	4/26/2023	0.24	µg/m3	n-Hexane	
7	4/26/2023	0.07	µg/m3	Naphthalene	
7	4/26/2023	0.14	µg/m3	1,3-Butadiene	
7	4/26/2023	0.51	µg/m3	Benzene	
7	4/26/2023	0.64	µg/m3	Toluene	
7	4/26/2023	0.24	µg/m3	n-Hexane	
8	4/26/2023	0.07	µg/m3	Naphthalene	
8	4/26/2023	0.14	µg/m3	1,3-Butadiene	
8	4/26/2023	0.83	µg/m3	Benzene	
8	4/26/2023	1.0	µg/m3	Toluene	
8	4/26/2023	0.33	µg/m3	n-Hexane	
9	4/26/2023	0.20	µg/m3	Naphthalene	
9	4/26/2023	0.14	µg/m3	1,3-Butadiene	
9	4/26/2023	0.48	µg/m3	Benzene	
9	4/26/2023	0.62	µg/m3	Toluene	
9	4/26/2023	0.24	µg/m3	n-Hexane	
10	4/26/2023	0.44	µg/m3	Naphthalene	
10	4/26/2023	0.14	µg/m3	1,3-Butadiene	
10	4/26/2023	0.98	µg/m3	Benzene	
10	4/26/2023	1.1	µg/m3	Toluene	
10	4/26/2023	0.24	µg/m3	n-Hexane	
11	4/26/2023	0.46	µg/m3	Naphthalene	
11	4/26/2023	0.14	µg/m3	1,3-Butadiene	
11	4/26/2023	0.87	µg/m3	Benzene	
11	4/26/2023	1.1	µg/m3	Toluene	
11	4/26/2023	0.24	µg/m3	n-Hexane	
11DUP	4/26/2023	0.46	µg/m3	Naphthalene	
11DUP	4/26/2023	0.14	µg/m3	1,3-Butadiene	
11DUP	4/26/2023	0.92	µg/m3	Benzene	



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
11DUP	4/26/2023	1.0	µg/m3	Toluene	
11DUP	4/26/2023	0.24	µg/m3	n-Hexane	
12	4/26/2023	0.49	µg/m3	Naphthalene	
12	4/26/2023	0.14	µg/m3	1,3-Butadiene	
12	4/26/2023	1.1	µg/m3	Benzene	
12	4/26/2023	1.5	µg/m3	Toluene	
12	4/26/2023	0.24	µg/m3	n-Hexane	
12BLK	4/26/2023	0.07	µg/m3	Naphthalene	
12BLK	4/26/2023	0.14	µg/m3	1,3-Butadiene	
12BLK	4/26/2023	0.20	µg/m3	Benzene	
12BLK	4/26/2023	0.26	µg/m3	Toluene	
12BLK	4/26/2023	0.24	µg/m3	n-Hexane	
13	4/26/2023	0.07	µg/m3	Naphthalene	
13	4/26/2023	0.14	µg/m3	1,3-Butadiene	
13	4/26/2023	0.41	µg/m3	Benzene	
13	4/26/2023	0.48	µg/m3	Toluene	
13	4/26/2023	0.24	µg/m3	n-Hexane	
14	4/26/2023	1.1	µg/m3	Naphthalene	
14	4/26/2023	0.14	µg/m3	1,3-Butadiene	
14	4/26/2023	1.4	µg/m3	Benzene	
14	4/26/2023	2.2	µg/m3	Toluene	
14	4/26/2023	0.24	µg/m3	n-Hexane	
14DUP	4/26/2023	1.1	µg/m3	Naphthalene	
14DUP	4/26/2023	0.14	µg/m3	1,3-Butadiene	
14DUP	4/26/2023	1.5	µg/m3	Benzene	
14DUP	4/26/2023	2.3	µg/m3	Toluene	
14DUP	4/26/2023	0.24	µg/m3	n-Hexane	
15	4/26/2023	1.5	µg/m3	Naphthalene	
15	4/26/2023	0.14	µg/m3	1,3-Butadiene	
15	4/26/2023	2.0	µg/m3	Benzene	
15	4/26/2023	2.8	µg/m3	Toluene	
15	4/26/2023	0.24	µg/m3	n-Hexane	
16	4/26/2023	N/A	µg/m3	Naphthalene	No Access
16	4/26/2023	N/A	µg/m3	1,3-Butadiene	No Access
16	4/26/2023	N/A	µg/m3	Benzene	No Access
16	4/26/2023	N/A	µg/m3	Toluene	No Access
16	4/26/2023	N/A	µg/m3	n-Hexane	No Access
17	4/26/2023	0.41	µg/m3	Naphthalene	
17	4/26/2023	0.14	µg/m3	1,3-Butadiene	
17	4/26/2023	1.1	µg/m3	Benzene	
17	4/26/2023	1.2	µg/m3	Toluene	
17	4/26/2023	0.24	µg/m3	n-Hexane	
18	4/26/2023	0.22	µg/m3	Naphthalene	
18	4/26/2023	0.14	µg/m3	1,3-Butadiene	
18	4/26/2023	0.78	µg/m3	Benzene	
18	4/26/2023	0.89	µg/m3	Toluene	
18	4/26/2023	0.24	µg/m3	n-Hexane	
19	4/26/2023	0.15	µg/m3	Naphthalene	
19	4/26/2023	0.38	µg/m3	1,3-Butadiene	
19	4/26/2023	1.0	µg/m3	Benzene	
19	4/26/2023	1.1	µg/m3	Toluene	
19	4/26/2023	0.32	µg/m3	n-Hexane	
20	4/26/2023	0.15	µg/m3	Naphthalene	
20	4/26/2023	0.21	µg/m3	1,3-Butadiene	
20	4/26/2023	0.51	µg/m3	Benzene	
20	4/26/2023	0.75	µg/m3	Toluene	
20	4/26/2023	0.24	µg/m3	n-Hexane	

High Benzene Reading µg/m3:	2
Low Benzene Reading µg/m3:	0.41
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)

4/01/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/01/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/01/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/01/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0259178	25.917829	0:00	63	0.0023412	2.3411829	0:00	N/A	0.0444465	44.446529	0:00	48	0.0106577	10.657659	
0:15	56	0.0266057	26.605689	0:15	63	0.0022388	2.238756	0:15	N/A	0.0439683	43.968342	0:15	48	0.0107331	10.733058	
0:30	56	0.0272914	27.291449	0:30	63	0.0023558	2.3557701	0:30	N/A	0.0432841	43.284062	0:30	48	0.0107381	10.738149	
0:45	56	0.0274276	27.427623	0:45	63	0.0028036	2.8035971	0:45	N/A	0.0431589	43.158859	0:45	48	0.0107639	10.763903	
1:00	56	0.0277216	27.721623	1:00	63	0.0030382	3.0381554	1:00	N/A	0.0435298	43.529827	1:00	48	0.0108432	10.843237	
1:15	56	0.0281473	28.147284	1:15	63	0.0025142	2.5141673	1:15	N/A	0.0436503	43.650262	1:15	48	0.0112201	11.220102	
1:30	56	0.0289211	28.921109	1:30	63	0.0023757	2.3757294	1:30	N/A	0.0444183	44.418312	1:30	48	0.0113397	11.339699	
1:45	56	0.0295804	29.580361	1:45	63	0.0026716	2.6715519	1:45	N/A	0.0449643	44.964296	1:45	48	0.0113457	11.345709	
2:00	56	0.0297959	29.795941	2:00	63	0.0031985	3.1985337	2:00	N/A	0.0448083	44.808282	2:00	48	0.0114791	11.479077	
2:15	56	0.0299075	29.907513	2:15	63	0.0032921	3.2921216	2:15	N/A	0.0444142	44.414235	2:15	48	0.0117193	11.719302	
2:30	56	0.0302645	30.264476	2:30	63	0.0031869	3.1869462	2:30	N/A	0.0442617	44.261692	2:30	48	0.0120189	12.018917	
2:45	56	0.0314634	31.463419	2:45	63	0.0034981	3.498134	2:45	N/A	0.0446657	44.665717	2:45	48	0.0122221	12.222074	
3:00	56	0.0320405	32.040467	3:00	63	0.0032669	3.2668955	3:00	N/A	0.0463862	46.386179	3:00	48	0.0123764	12.376449	
3:15	56	0.0320879	32.087903	3:15	63	0.0027735	2.7734829	3:15	N/A	0.0485631	48.56313	3:15	48	0.0124035	12.403451	
3:30	56	0.0320752	32.075226	3:30	63	0.003045	3.0449579	3:30	N/A	0.0486499	48.649901	3:30	48	0.0125165	12.516468	
3:45	56	0.0319236	31.923623	3:45	63	0.0032287	3.2286799	3:45	N/A	0.047496	47.495984	3:45	48	0.0122843	12.284317	
4:00	56	0.0326401	32.640088	4:00	63	0.0031842	3.1841521	4:00	N/A	0.0474045	47.404512	4:00	48	0.0122382	12.238159	
4:15	56	0.0335714	33.571444	4:15	63	0.0035895	3.5894971	4:15	N/A	0.048379	48.379035	4:15	48	0.0123751	12.375084	
4:30	56	0.0350273	35.027318	4:30	63	0.004171	4.1709576	4:30	N/A	0.0469886	46.98865	4:30	48	0.0127146	12.714574	
4:45	56	0.0362228	36.222282	4:45	63	0.0036964	3.6963893	4:45	N/A	0.046805	46.804954	4:45	48	0.0136184	13.618364	
5:00	56	0.0348783	34.878255	5:00	63	0.0034867	3.4866827	5:00	N/A	0.0436978	43.697816	5:00	48	0.0128674	12.867358	
5:15	56	0.0329474	32.947374	5:15	63	0.0033924	3.3923931	5:15	N/A	0.0391049	39.104853	5:15	48	0.0123668	12.366762	
5:30	56	0.0320985	32.098484	5:30	63	0.0033671	3.3670824	5:30	N/A	0.0370493	37.049261	5:30	48	0.0122161	12.216097	
5:45	56	0.0313127	31.312704	5:45	63	0.0028723	2.8722512	5:45	N/A	0.0373038	37.303773	5:45	48	0.0117956	11.795552	
6:00	56	0.0296861	29.686137	6:00	63	0.0023938	2.3938236	6:00	N/A	0.0374436	37.443575	6:00	48	0.0113497	11.349665	
6:15	56	0.0283599	28.359872	6:15	63	0.0025543	2.5542786	6:15	N/A	0.0361858	36.185762	6:15	48	0.0110354	11.035367	
6:30	56	0.0276734	27.673446	6:30	63	0.0023839	2.3838814	6:30	N/A	0.0355197	35.519699	6:30	48	0.0106732	10.673235	
6:45	56	0.0271067	27.106687	6:45	63	0.0020094	2.0094284	6:45	N/A	0.0342267	34.226665	6:45	48	0.0102955	10.295492	
7:00	56	0.026525	26.524956	7:00	63	0.0023077	2.3076916	7:00	N/A	0.0323406	32.340567	7:00	48	0.0101798	10.179828	
7:15	56	0.0260345	26.03446	7:15	63	0.0024254	2.4253776	7:15	N/A	0.03108	31.080046	7:15	48	0.0099292	9.9291533	
7:30	56	0.0253814	25.381433	7:30	63	0.0025481	2.5481022	7:30	N/A	0.0300288	30.028821	7:30	48	0.0095279	9.527915	
7:45	56	0.0251722	25.172189	7:45	63	0.0026325	2.6324968	7:45	N/A	0.0307735	30.773482	7:45	48	0.0093737	9.3737377	
8:00	56	0.0256124	25.612421	8:00	63	0.0020739	2.0738948	8:00	N/A	0.0304738	30.473826	8:00	48	0.0093644	9.3644104	
8:15	56	0.0253115	25.311514	8:15	63	0.0018714	1.8714047	8:15	N/A	0.0317243	31.724268	8:15	48	0.0094668	9.4668239	
8:30	56	0.0256552	25.655203	8:30	63	0.0016681	1.6681097	8:30	N/A	0.0329411	32.94107	8:30	48	0.0098841	9.8841179	
8:45	56	0.0277743	27.77433	8:45	63	0.0016298	1.6297574	8:45	N/A	0.0332487	33.248721	8:45	48	0.0095151	9.515052	
9:00	56	0.0297266	29.726643	9:00	63	0.0018095	1.8094912	9:00	N/A	0.0343075	34.307485	9:00	48	0.0090979	9.0978985	
9:15	56	0.0310522	31.052189	9:15	63	0.0024841	2.4841174	9:15	N/A	0.0348353	34.835338	9:15	48	0.0082721	8.2721145	
9:30	56	0.0319821	31.982121	9:30	63	0.0023391	2.3391043	9:30	N/A	0.0351898	35.189778	9:30	48	0.0081946	8.1946278	
9:45	56	0.032398	32.398007	9:45	63	0.0025438	2.5438484	9:45	N/A	0.0357427	35.742658	9:45	48	0.0081373	8.1372513	
10:00	56	0.0326108	32.610774	10:00	63	0.0035918	3.5917505	10:00	N/A	0.036066	36.065965	10:00	48	0.0093898	9.3898049	
10:15	56	0.0325964	32.596375	10:15	63	0.0041202	4.1202008	10:15	N/A	0.036115	36.115	10:15	48	0.0097388	9.7388418	
10:30	56	0.0327533	32.753347	10:30	63	0.0044077	4.4077379	10:30	N/A	0.0355427	35.542676	10:30	48	0.0100695	10.069507	

10:45	56	0.0326907	32.69072	10:45	63	0.0050176	5.0176185	10:45	N/A	0.0346908	34.69079	10:45	48	0.0105789	10.578916
11:00	56	0.0315311	31.53112	11:00	63	0.0060322	6.032165	11:00	N/A	0.0332876	33.287598	11:00	48	0.0111964	11.196356
11:15	56	0.0300411	30.041138	11:15	63	0.0071037	7.1037435	11:15	N/A	0.0303868	30.386779	11:15	48	0.0114793	11.4793
11:30	56	0.0294996	29.499571	11:30	63	0.0083106	8.3105864	11:30	N/A	0.0278862	27.886168	11:30	48	0.0110825	11.082515
11:45	56	0.0300851	30.085107	11:45	63	0.0092171	9.2171027	11:45	N/A	0.0245299	24.529864	11:45	48	0.0110876	11.087591
12:00	56	0.0297401	29.740126	12:00	63	0.0100513	10.051261	12:00	N/A	0.0189235	18.923535	12:00	48	0.0111545	11.154506
12:15	56	0.0280943	28.094319	12:15	63	0.0112594	11.259383	12:15	N/A	0.0151988	15.198813	12:15	48	0.0113552	11.355173
12:30	56	0.0266658	26.666578	12:30	63	0.012129	12.129041	12:30	N/A	0.0132316	13.231638	12:30	48	0.0127352	12.735195
12:45	56	0.0257929	25.792934	12:45	63	0.0122658	12.265759	12:45	N/A	0.0110619	11.061893	12:45	48	0.0135359	13.535909
13:00	56	0.0250259	25.025874	13:00	63	0.0139426	13.942608	13:00	N/A	0.0093325	9.3325484	13:00	48	0.0140328	14.032804
13:15	56	0.0255203	25.520337	13:15	63	0.0140097	14.009666	13:15	N/A	0.0086702	8.6701558	13:15	48	0.0138926	13.892573
13:30	56	0.0269357	26.935734	13:30	63	0.0131773	13.177301	13:30	N/A	0.0094166	9.4165985	13:30	48	0.0144658	14.465804
13:45	56	0.028751	28.751045	13:45	63	0.0096128	9.612788	13:45	N/A	0.0150654	15.065369	13:45	48	0.0139704	13.970432
14:00	56	0.0322285	32.228492	14:00	63	0.0078059	7.8058718	14:00	N/A	0.0211628	21.16278	14:00	48	0.0128784	12.878358
14:15	56	0.0340938	34.09377	14:15	63	0.005938	5.9380445	14:15	N/A	0.0224088	22.408797	14:15	48	0.0117878	11.787792
14:30	56	0.032975	32.975038	14:30	63	0.0060494	6.0493993	14:30	N/A	0.0210143	21.014341	14:30	48	0.0109554	10.955391
14:45	56	0.0289836	28.983648	14:45	63	0.0056137	5.6136875	14:45	N/A	0.0185332	18.533239	14:45	48	0.0110912	11.091211
15:00	56	0.0270647	27.064745	15:00	63	0.0048804	4.8804028	15:00	N/A	0.0188053	18.805324	15:00	48	0.0113897	11.389746
15:15	56	0.0259297	25.92973	15:15	63	0.0049325	4.9325296	15:15	N/A	0.0155808	15.580789	15:15	48	0.0110727	11.072703
15:30	56	0.0236347	23.634672	15:30	63	0.0051751	5.175055	15:30	N/A	0.0104287	10.428712	15:30	48	0.010748	10.748029
15:45	56	0.0214805	21.480471	15:45	63	0.0054754	5.4754045	15:45	N/A	0.0054899	5.4899281	15:45	48	0.010035	10.034974
16:00	56	0.0195257	19.525686	16:00	63	0.0057293	5.729321	16:00	N/A	0.0030321	3.0321127	16:00	48	0.0100349	10.034875
16:15	56	0.0178217	17.821706	16:15	63	0.0059466	5.9465691	16:15	N/A	0.0026622	2.6621843	16:15	48	0.0095135	9.513516
16:30	56	0.0173482	17.348207	16:30	63	0.0047733	4.7732843	16:30	N/A	0.0026442	2.6442085	16:30	48	0.0080602	8.0601741
16:45	56	0.0165628	16.562814	16:45	63	0.0037808	3.7807655	16:45	N/A	0.0019891	1.9890738	16:45	48	0.0063961	6.396073
17:00	56	0.0156226	15.622626	17:00	63	0.0030133	3.0133372	17:00	N/A	0.0007926	0.7925686	17:00	48	0.004225	4.2249858
17:15	56	0.0137891	13.789057	17:15	63	0.0033627	3.362729	17:15	N/A	0.0001408	0.1407533	17:15	48	0.0035868	3.5867833
17:30	56	0.0122546	12.254581	17:30	63	0.0029172	2.9172103	17:30	N/A	0	0	17:30	48	0.0029268	2.9268249
17:45	56	0.0114476	11.447613	17:45	63	0.002923	2.92303	17:45	N/A	0	0	17:45	48	0.0028053	2.8053137
18:00	56	0.0109291	10.929078	18:00	63	0.0038902	3.8902186	18:00	N/A	0	0	18:00	48	0.0024577	2.4576523
18:15	56	0.0107576	10.757601	18:15	63	0.0035084	3.5083607	18:15	N/A	0	0	18:15	48	0.0020023	2.0022995
18:30	56	0.0101655	10.165518	18:30	63	0.0038324	3.8323647	18:30	N/A	0	0	18:30	48	0.0021021	2.1021313
18:45	56	0.009556	9.5560175	18:45	63	0.0040397	4.0397494	18:45	N/A	0	0	18:45	48	0.0018413	1.8412543
19:00	56	0.0097448	9.744787	19:00	63	0.0040012	4.0012383	19:00	N/A	0	0	19:00	48	0.0010866	1.086642
19:15	56	0.0097775	9.7774796	19:15	63	0.0029744	2.974438	19:15	N/A	0	0	19:15	48	0.0004055	0.405488
19:30	56	0.010159	10.159049	19:30	63	0.0028283	2.8282691	19:30	N/A	0	0	19:30	48	0.000107	0.1070278
19:45	56	0.0100543	10.054267	19:45	63	0.0016989	1.6988521	19:45	N/A	0	0	19:45	48	1.637E-05	0.0163691
20:00	56	0.0093865	9.3865275	20:00	63	0.0020898	2.089816	20:00	N/A	0	0	20:00	48	0	0
20:15	56	0.0094236	9.4236151	20:15	63	0.0020894	2.0893947	20:15	N/A	0	0	20:15	48	0	0
20:30	56	0.0091244	9.1243658	20:30	63	0.0014022	1.4022165	20:30	N/A	0	0	20:30	48	0	0
20:45	56	0.0097831	9.783133	20:45	63	0.0015588	1.5588405	20:45	N/A	0	0	20:45	48	0	0
21:00	56	0.0103334	10.33338	21:00	63	0.001445	1.4450082	21:00	N/A	0	0	21:00	48	0	0
21:15	56	0.0107684	10.768415	21:15	63	0.0009675	0.9674737	21:15	N/A	0	0	21:15	48	0	0
21:30	56	0.0107383	10.73833	21:30	63	0.0008662	0.8661893	21:30	N/A	0	0	21:30	48	0	0
21:45	56	0.0102847	10.284705	21:45	63	0.000741	0.7409538	21:45	N/A	0	0	21:45	48	0	0
22:00	56	0.0096501	9.6501339	22:00	63	0.0006721	0.6721244	22:00	N/A	0	0	22:00	48	0	0
22:15	56	0.0100277	10.027687	22:15	63	0.0004156	0.415627	22:15	N/A	0	0	22:15	48	0	0
22:30	56	0.0095231	9.5230663	22:30	63	0.0007469	0.7469037	22:30	N/A	0	0	22:30	48	0	0
22:45	56	0.0099121	9.9121143	22:45	63	0.0008534	0.8533569	22:45	N/A	0	0	22:45	48	0	0
23:00	56	0.0096406	9.6406132	23:00	63	0.0003204	0.3204387	23:00	N/A	0	0	23:00	48	0	0
23:15	56	0.0094708	9.4707989	23:15	63	2.314E-05	0.0231416	23:15	N/A	0	0	23:15	48	0	0
23:30	56	0.0097541	9.7541392	23:30	63	9.835E-05	0.0983495	23:30	N/A	0	0	23:30	48	0	0
23:45	56	0.0099356	9.9355973	23:45	63	8.944E-05	0.0894383	23:45	N/A	0	0	23:45	48	0	0

Continuous Air Monitoring System Action Level Revision History			
CAMS ID	Initial Action Level	Date	Reason for Revision.
CAMS 01	56 ppbv	Original	NA
CAMS 02	63 ppbv	Original	NA
CAMS 03	NA	NA	NA
CAMS 04	46 ppbv	Original	NA
CAMS ID	Revised Action Level	Date	Reason for Revision.
None to date.			



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

4/02/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/02/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/02/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/02/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.009528	9.5280361	0:00	63	0.0003185	0.3184559	0:00	N/A	0	0	0:00	48	0	0	
0:15	56	0.0096364	9.6363903	0:15	63	0.0002732	0.2731817	0:15	N/A	0	0	0:15	48	0	0	
0:30	56	0.0094642	9.4642045	0:30	63	0.0002559	0.255853	0:30	N/A	0	0	0:30	48	0	0	
0:45	56	0.0087386	8.738648	0:45	63	0.0001611	0.1610923	0:45	N/A	0.0003953	0.3952909	0:45	48	0	0	
1:00	56	0.0082743	8.2743017	1:00	63	0.0001938	0.1938187	1:00	N/A	0.0007151	0.7151253	1:00	48	0	0	
1:15	56	0.0078523	7.8522685	1:15	63	6.779E-05	0.0677929	1:15	N/A	0.0002815	0.2814834	1:15	48	0	0	
1:30	56	0.0079462	7.946222	1:30	63	0.0003016	0.3015545	1:30	N/A	2.243E-06	0.0022433	1:30	48	0	0	
1:45	56	0.0073664	7.3664235	1:45	63	0.0002469	0.2468522	1:45	N/A	0	0	1:45	48	0	0	
2:00	56	0.006391	6.3909661	2:00	63	6.64E-05	0.066401	2:00	N/A	0	0	2:00	48	0	0	
2:15	56	0.0059038	5.9037801	2:15	63	7.868E-05	0.0786827	2:15	N/A	0	0	2:15	48	0	0	
2:30	56	0.0052307	5.2307474	2:30	63	0.000259	0.2590417	2:30	N/A	0	0	2:30	48	0	0	
2:45	56	0.0049416	4.9416386	2:45	63	0.0002309	0.2309015	2:45	N/A	0	0	2:45	48	0	0	
3:00	56	0.0051806	5.1805948	3:00	63	6.455E-05	0.064552	3:00	N/A	0	0	3:00	48	0	0	
3:15	56	0.0048858	4.885807	3:15	63	5.922E-05	0.059218	3:15	N/A	0	0	3:15	48	0	0	
3:30	56	0.004574	4.574004	3:30	63	0.0002389	0.238853	3:30	N/A	0	0	3:30	48	0	0	
3:45	56	0.0080575	8.0574917	3:45	63	0.0030355	3.0354691	3:45	N/A	0	0	3:45	48	0	0	
4:00	56	0.0081848	8.1848109	4:00	63	0.0031439	3.1439235	4:00	N/A	0	0	4:00	48	0	0	
4:15	56	0.00827	8.2700343	4:15	63	0.0033278	3.3277986	4:15	N/A	0	0	4:15	48	0	0	
4:30	56	0.004281	4.2810017	4:30	63	0.0031072	3.107194	4:30	N/A	0	0	4:30	48	0	0	
4:45	56	0.0103678	10.367759	4:45	63	0.0048362	4.8361619	4:45	N/A	0	0	4:45	48	0	0	
5:00	56	0.01003	10.029976	5:00	63	0.0068545	6.8545178	5:00	N/A	0	0	5:00	48	0	0	
5:15	56	0.011713	11.713028	5:15	63	0.0082365	8.2364713	5:15	N/A	0	0	5:15	48	0.0001166	0.1166481	
5:30	56	0.0119766	11.9766	5:30	63	0.0073846	7.384607	5:30	N/A	0	0	5:30	48	0.0001434	0.1433868	
5:45	56	0.0069162	6.9161845	5:45	63	0.0066285	6.6285294	5:45	N/A	0	0	5:45	48	2.259E-06	0.0022587	
6:00	56	0.0117704	11.770432	6:00	63	0.008214	8.213963	6:00	N/A	0	0	6:00	48	3.153E-05	0.0315298	
6:15	56	0.011902	11.901986	6:15	63	0.0091814	9.1814218	6:15	N/A	0	0	6:15	48	0.0001324	0.1324088	
6:30	56	0.0115621	11.562148	6:30	63	0.0093186	9.3185646	6:30	N/A	0	0	6:30	48	0.0001302	0.130202	
6:45	56	0.0113298	11.329802	6:45	63	0.0095774	9.5773711	6:45	N/A	0	0	6:45	48	0.0001543	0.1543478	
7:00	56	0.0113517	11.351728	7:00	63	0.0078587	7.8586956	7:00	N/A	0	0	7:00	48	0.0002404	0.2404032	
7:15	56	0.0053663	5.3662599	7:15	63	0.0073175	7.3174914	7:15	N/A	0	0	7:15	48	0.0004337	0.4337112	
7:30	56	0.0117437	11.743705	7:30	63	0.0095961	9.5961043	7:30	N/A	0	0	7:30	48	0.0010457	1.0457136	
7:45	56	0.012208	12.207992	7:45	63	0.0108637	10.863693	7:45	N/A	0	0	7:45	48	0.0011718	1.1718311	
8:00	56	0.0131488	13.148836	8:00	63	0.0088788	8.8787928	8:00	N/A	0	0	8:00	48	0.0011003	1.100278	
8:15	56	0.0058032	5.8032372	8:15	63	0.0054308	5.4308385	8:15	N/A	0	0	8:15	48	0.0006672	0.6672373	
8:30	56	0.0107418	10.741806	8:30	63	0.0042645	4.2644704	8:30	N/A	0	0	8:30	48	5.201E-06	0.0052005	
8:45	56	0.014631	14.631045	8:45	63	0.0069565	6.9564934	8:45	N/A	0	0	8:45	48	0.0001211	0.1211116	
9:00	56	0.016177	16.177049	9:00	63	0.008584	8.5839886	9:00	N/A	0	0	9:00	48	0.0002868	0.2867929	
9:15	56	0.0165952	16.595183	9:15	63	0.0078963	7.8962759	9:15	N/A	0	0	9:15	48	0.0002101	0.2101203	
9:30	56	0.015275	15.274997	9:30	63	0.0070453	7.0453393	9:30	N/A	0	0	9:30	48	0.0001872	0.187185	
9:45	56	0.019384	19.384023	9:45	63	0.0091939	9.1939273	9:45	N/A	0	0	9:45	48	0.0007805	0.780513	
10:00	56	0.0203949	20.394944	10:00	63	0.0109733	10.973259	10:00	N/A	0	0	10:00	48	0.001269	1.2690483	
10:15	56	0.0210707	21.07074	10:15	63	0.0104841	10.484065	10:15	N/A	0	0	10:15	48	0.0011107	1.1106566	
10:30	56	0.0208351	20.835064	10:30	63	0.0100536	10.05357	10:30	N/A	0	0	10:30	48	0.0006789	0.6788916	

10:45	56	0.0204497	20.449718	10:45	63	0.0104921	10.492083	10:45	N/A	0	0	10:45	48	0.0005323	0.5322556
11:00	56	0.0225438	22.543764	11:00	63	0.0112493	11.249302	11:00	N/A	0	0	11:00	48	0.001255	1.2549668
11:15	56	0.0226657	22.66572	11:15	63	0.0102282	10.228227	11:15	N/A	0	0	11:15	48	0.0018052	1.8052138
11:30	56	0.0164986	16.498587	11:30	63	0.0066777	6.6776798	11:30	N/A	0.000186	0.1859572	11:30	48	0.0017692	1.7692017
11:45	56	0.018708	18.708046	11:45	63	0.0052137	5.2137077	11:45	N/A	0.0002046	0.2045661	11:45	48	0.00091	0.9099623
12:00	56	0.0133459	13.345907	12:00	63	0.0052199	5.2198541	12:00	N/A	0.0018618	1.8618293	12:00	48	0.0019674	1.9674343
12:15	56	0.0149642	14.964157	12:15	63	0.0053143	5.3142503	12:15	N/A	0.001781	1.7810448	12:15	48	0.0007762	0.776214
12:30	56	0.0133301	13.330092	12:30	63	0.0070514	7.0513852	12:30	N/A	0.0030839	3.0839082	12:30	48	0.0026113	2.6112599
12:45	56	0.0105953	10.59534	12:45	63	0.0025021	2.5020933	12:45	N/A	0.0033927	3.3926531	12:45	48	0.0001919	0.1919158
13:00	56	0.0135827	13.582673	13:00	63	0.0066641	6.6641037	13:00	N/A	0	0	13:00	48	0.0013816	1.3815529
13:15	56	0.0200003	20.000275	13:15	63	0.0103526	10.352619	13:15	N/A	0	0	13:15	48	0.0042102	4.210169
13:30	56	0.022453	22.452985	13:30	63	0.0146752	14.675156	13:30	N/A	0	0	13:30	48	0.0090239	9.0238606
13:45	56	0.0148008	14.80081	13:45	63	0.0100483	10.048257	13:45	N/A	0.0037245	3.7245188	13:45	48	0.0077168	7.7167975
14:00	56	0.0078196	7.8195508	14:00	63	0.0031834	3.1833631	14:00	N/A	0.0047596	4.7596405	14:00	48	0.001048	1.0480163
14:15	56	0.019037	19.037046	14:15	63	0.0092389	9.238862	14:15	N/A	0.0013009	1.300945	14:15	48	0.0059276	5.9276292
14:30	56	0.0234177	23.417744	14:30	63	0.0173257	17.325736	14:30	N/A	0	0	14:30	48	0.0141088	14.108844
14:45	56	0.0237385	23.738476	14:45	63	0.0173821	17.382142	14:45	N/A	0	0	14:45	48	0.0157339	15.7339
15:00	56	0.020394	20.394022	15:00	63	0.0159435	15.943535	15:00	N/A	0	0	15:00	48	0.0148962	14.896247
15:15	56	0.0161557	16.155721	15:15	63	0.0117544	11.754385	15:15	N/A	0.0045946	4.5946488	15:15	48	0.0123899	12.389892
15:30	56	0.0150592	15.059166	15:30	63	0.0090935	9.0934964	15:30	N/A	0.0067575	6.7575499	15:30	48	0.0066196	6.6196268
15:45	56	0.0182275	18.227492	15:45	63	0.0161391	16.139111	15:45	N/A	0	0	15:45	48	0.0164584	16.458392
16:00	56	0.0173662	17.36623	16:00	63	0.012857	12.856983	16:00	N/A	0	0	16:00	48	0.0119407	11.940701
16:15	56	0.0201487	20.148722	16:15	63	0.0159185	15.918464	16:15	N/A	0	0	16:15	48	0.0146836	14.683586
16:30	56	0.0200314	20.031375	16:30	63	0.0152194	15.219383	16:30	N/A	0	0	16:30	48	0.0155812	15.581175
16:45	56	0.0195944	19.594373	16:45	63	0.0126727	12.672749	16:45	N/A	0	0	16:45	48	0.0118198	11.819781
17:00	56	0.0203073	20.307315	17:00	63	0.0161949	16.194901	17:00	N/A	0	0	17:00	48	0.0156312	15.631201
17:15	56	0.0179014	17.901425	17:15	63	0.0162118	16.211835	17:15	N/A	0	0	17:15	48	0.0155775	15.577469
17:30	56	0.0201078	20.107756	17:30	63	0.0181967	18.196662	17:30	N/A	0	0	17:30	48	0.0158514	15.85143
17:45	56	0.0195568	19.556848	17:45	63	0.0191631	19.163079	17:45	N/A	0	0	17:45	48	0.0188424	18.842434
18:00	56	0.0200288	20.02875	18:00	63	0.0178674	17.867362	18:00	N/A	0	0	18:00	48	0.0162414	16.2414
18:15	56	0.0206047	20.604728	18:15	63	0.0200462	20.046196	18:15	N/A	0	0	18:15	48	0.0188821	18.882138
18:30	56	0.0199332	19.933177	18:30	63	0.0189371	18.937149	18:30	N/A	0	0	18:30	48	0.0190089	19.008925
18:45	56	0.0142882	14.288162	18:45	63	0.0154309	15.430926	18:45	N/A	0	0	18:45	48	0.0161784	16.178432
19:00	56	0.0099014	9.9014186	19:00	63	0.0119787	11.978707	19:00	N/A	0	0	19:00	48	0.0123725	12.372484
19:15	56	0.0147774	14.777389	19:15	63	0.0152701	15.270134	19:15	N/A	0	0	19:15	48	0.0148121	14.812105
19:30	56	0.0143997	14.399682	19:30	63	0.015952	15.952014	19:30	N/A	0	0	19:30	48	0.0170418	17.041807
19:45	56	0.0120993	12.099284	19:45	63	0.0113371	11.337106	19:45	N/A	0	0	19:45	48	0.0130176	13.017607
20:00	56	0.0142593	14.259325	20:00	63	0.0107223	10.722264	20:00	N/A	0	0	20:00	48	0.0117602	11.760243
20:15	56	0.0160185	16.018475	20:15	63	0.009393	9.3929943	20:15	N/A	0	0	20:15	48	0.0103566	10.356602
20:30	56	0.0177257	17.725707	20:30	63	0.008366	8.3660287	20:30	N/A	0	0	20:30	48	0.0087197	8.7196846
20:45	56	0.0184029	18.402941	20:45	63	0.0079181	7.9181372	20:45	N/A	0	0	20:45	48	0.0077315	7.7315274
21:00	56	0.0178281	17.828096	21:00	63	0.0066045	6.6044928	21:00	N/A	0	0	21:00	48	0.0066634	6.6634087
21:15	56	0.0172901	17.290121	21:15	63	0.0065205	6.5205228	21:15	N/A	0	0	21:15	48	0.0054664	5.4663779
21:30	56	0.0167623	16.762262	21:30	63	0.0059239	5.9239147	21:30	N/A	0	0	21:30	48	0.0047467	4.7466862
21:45	56	0.0176447	17.644713	21:45	63	0.0054072	5.4072083	21:45	N/A	0	0	21:45	48	0.0047026	4.7025955
22:00	56	0.018609	18.609004	22:00	63	0.0050503	5.0502723	22:00	N/A	0	0	22:00	48	0.004473	4.47297
22:15	56	0.0207642	20.764222	22:15	63	0.0046151	4.6151378	22:15	N/A	0	0	22:15	48	0.0039029	3.902923
22:30	56	0.020776	20.776041	22:30	63	0.0044461	4.4460896	22:30	N/A	0	0	22:30	48	0.0036425	3.6424918
22:45	56	0.016418	16.41799	22:45	63	0.0067986	6.7986372	22:45	N/A	0	0	22:45	48	0.0055561	5.5560764
23:00	56	0.01421	14.210046	23:00	63	0.0031552	3.1552386	23:00	N/A	0	0	23:00	48	0.0019838	1.9838202
23:15	56	0.0142033	14.203309	23:15	63	0.0030525	3.0524654	23:15	N/A	0	0	23:15	48	0.0020535	2.0535397
23:30	56	0.0140946	14.094584	23:30	63	0.0026416	2.6416415	23:30	N/A	0	0	23:30	48	0.0019433	1.9432555
23:45	56	0.0140758	14.075804	23:45	63	0.0024769	2.4768996	23:45	N/A	0	0	23:45	48	0.0016686	1.6686164



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

4/03/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/03/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/03/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/03/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0141613	14.161329	0:00	63	0.0027358	2.7358061	0:00	N/A	0	0	0:00	48	0.0015172	1.5172297	
0:15	56	0.0136714	13.671356	0:15	63	0.0023229	2.3229171	0:15	N/A	0	0	0:15	48	0.0009394	0.9393578	
0:30	56	0.0130551	13.055143	0:30	63	0.0021551	2.1551002	0:30	N/A	0	0	0:30	48	0.0011457	1.1456713	
0:45	56	0.0129112	12.911195	0:45	63	0.0019531	1.9531353	0:45	N/A	0	0	0:45	48	0.0009178	0.9177927	
1:00	56	0.0136089	13.608886	1:00	63	0.0012824	1.2823567	1:00	N/A	0	0	1:00	48	0.001115	1.1149951	
1:15	56	0.0140012	14.001163	1:15	63	0.0025234	2.5233905	1:15	N/A	0	0	1:15	48	0.0017356	1.7356065	
1:30	56	0.0154424	15.442448	1:30	63	0.0021147	2.1146877	1:30	N/A	0	0	1:30	48	0.0001594	0.1593774	
1:45	56	0.0173267	17.326706	1:45	63	0.0026563	2.6563153	1:45	N/A	0	0	1:45	48	0.0013435	1.3434619	
2:00	56	0.0168787	16.878718	2:00	63	0.001488	1.4879955	2:00	N/A	0	0	2:00	48	0.0002295	0.2294882	
2:15	56	0.0169914	16.991388	2:15	63	0.0028519	2.8519032	2:15	N/A	0	0	2:15	48	0.0006454	0.6454498	
2:30	56	0.016301	16.301012	2:30	63	0.0013342	1.3341809	2:30	N/A	0	0	2:30	48	0.0002335	0.2335333	
2:45	56	0.0145223	14.5223	2:45	63	0.0007726	0.772613	2:45	N/A	0	0	2:45	48	0.0003829	0.3829335	
3:00	56	0.0138401	13.840108	3:00	63	0.0008214	0.8214275	3:00	N/A	0	0	3:00	48	0.0002291	0.2290531	
3:15	56	0.0139583	13.958258	3:15	63	0.0008279	0.8279349	3:15	N/A	0	0	3:15	48	0.0004748	0.4748021	
3:30	56	0.013944	13.94398	3:30	63	0.0013428	1.3427679	3:30	N/A	0	0	3:30	48	8.41E-05	0.0841016	
3:45	56	0.0141116	14.111572	3:45	63	0.001182	1.1820473	3:45	N/A	0	0	3:45	48	0.0002608	0.2608203	
4:00	56	0.0146699	14.669866	4:00	63	0.0008393	0.8392582	4:00	N/A	0	0	4:00	48	0.0011421	1.142076	
4:15	56	0.0142758	14.27577	4:15	63	0.0014895	1.489471	4:15	N/A	0	0	4:15	48	0.0002139	0.213851	
4:30	56	0.0137013	13.701297	4:30	63	0.001297	1.296959	4:30	N/A	0	0	4:30	48	1.271E-05	0.0127109	
4:45	56	0.0141454	14.145393	4:45	63	0.0005343	0.5342618	4:45	N/A	0	0	4:45	48	0.0005048	0.5048249	
5:00	56	0.0138708	13.87077	5:00	63	0.0009747	0.9746661	5:00	N/A	0	0	5:00	48	0.0004563	0.4562991	
5:15	56	0.0138856	13.885559	5:15	63	0.0008615	0.8614647	5:15	N/A	0	0	5:15	48	0.0011957	1.1956805	
5:30	56	0.0141182	14.118162	5:30	63	0.0011203	1.1203345	5:30	N/A	0	0	5:30	48	0.0008561	0.8560541	
5:45	56	0.0138056	13.805574	5:45	63	0.0014133	1.4133321	5:45	N/A	0	0	5:45	48	0.000364	0.3640496	
6:00	56	0.0131388	13.138761	6:00	63	0.00147	1.4700157	6:00	N/A	0	0	6:00	48	7.842E-05	0.0784161	
6:15	56	0.0130242	13.024157	6:15	63	0.0010525	1.0524819	6:15	N/A	0	0	6:15	48	3.68E-06	0.0036802	
6:30	56	0.0135767	13.576681	6:30	63	0.0005437	0.5437233	6:30	N/A	0	0	6:30	48	0.0001535	0.153531	
6:45	56	0.0135853	13.585318	6:45	63	0.001487	1.4870474	6:45	N/A	0	0	6:45	48	4.39E-05	0.043895	
7:00	56	0.0134761	13.476069	7:00	63	0.0010237	1.0237371	7:00	N/A	0	0	7:00	48	7.662E-05	0.0766247	
7:15	56	0.0127871	12.787093	7:15	63	0.0004965	0.4965392	7:15	N/A	0	0	7:15	48	3.115E-05	0.0311543	
7:30	56	0.0140237	14.023673	7:30	63	0.0009504	0.9503752	7:30	N/A	0	0	7:30	48	0.0002822	0.2821935	
7:45	56	0.0147402	14.740164	7:45	63	0.0004643	0.4642645	7:45	N/A	0	0	7:45	48	0.0004354	0.435404	
8:00	56	0.0148723	14.872266	8:00	63	0.0004905	0.4904622	8:00	N/A	0	0	8:00	48	0.0005768	0.5768	
8:15	56	0.0163738	16.373823	8:15	63	8.188E-05	0.0818786	8:15	N/A	0.0003366	0.3366092	8:15	48	0.0002931	0.2931494	
8:30	56	0.0180184	18.018362	8:30	63	0.0001019	0.1018875	8:30	N/A	0.0016981	1.6980679	8:30	48	0.000409	0.4090335	
8:45	56	0.0199864	19.986401	8:45	63	4.715E-05	0.0471521	8:45	N/A	0.0035576	3.5575788	8:45	48	0.0005253	0.5252941	
9:00	56	0.0206257	20.625723	9:00	63	8.445E-05	0.0844485	9:00	N/A	0.0049796	4.9796148	9:00	48	0.0008511	0.8510853	
9:15	56	0.0199272	19.927158	9:15	63	4.224E-05	0.0422432	9:15	N/A	0.005422	5.4220299	9:15	48	0.0014744	1.4744281	
9:30	56	0.0184885	18.488477	9:30	63	0.000239	0.2389905	9:30	N/A	0.0090753	9.0752743	9:30	48	0.0005038	0.5037731	
9:45	56	0.0167388	16.738796	9:45	63	0.0002578	0.2577538	9:45	N/A	0.0131771	13.177065	9:45	48	1.254E-05	0.0125428	
10:00	56	0.0142885	14.288461	10:00	63	5.653E-05	0.0565307	10:00	N/A	0.0112972	11.297174	10:00	48	0	0	
10:15	56	0.0159434	15.943405	10:15	63	0	0	10:15	N/A	0.0066535	6.6534739	10:15	48	0	0	
10:30	56	0.0154311	15.431091	10:30	63	0	0	10:30	N/A	0.0048203	4.8203279	10:30	48	7.288E-05	0.072876	

10:45	56	0.0173499	17.349885	10:45	63	0.0002416	0.2415965	10:45	N/A	0.0028688	2.8687555	10:45	48	0.0008725	0.8724619
11:00	56	0.0191612	19.161183	11:00	63	0.001781	1.7810182	11:00	N/A	0.0025113	2.5113107	11:00	48	0.0024274	2.4274452
11:15	56	0.0207151	20.71514	11:15	63	0.0030163	3.0163155	11:15	N/A	0.0037999	3.799911	11:15	48	0.0039626	3.9625796
11:30	56	0.0196748	19.674766	11:30	63	0.0031093	3.1093068	11:30	N/A	0.0044759	4.4758794	11:30	48	0.0033399	3.3399159
11:45	56	0.0207817	20.781657	11:45	63	0.0054738	5.4737837	11:45	N/A	0.0043412	4.3412305	11:45	48	0.0058047	5.8046764
12:00	56	0.0186292	18.629223	12:00	63	0.0049122	4.9121655	12:00	N/A	0.0044922	4.4922244	12:00	48	0.0069538	6.9538386
12:15	56	0.016721	16.721038	12:15	63	0.0052607	5.2606839	12:15	N/A	0.0058385	5.8384736	12:15	48	0.0067128	6.7128419
12:30	56	0.0184831	18.48305	12:30	63	0.0029475	2.9475389	12:30	N/A	0.0070719	7.0718804	12:30	48	0.005269	5.268986
12:45	56	0.0152718	15.271765	12:45	63	0.0020927	2.0927342	12:45	N/A	0.0076656	7.6655704	12:45	48	0.0035925	3.5925385
13:00	56	0.0175648	17.564752	13:00	63	0.0039472	3.9472079	13:00	N/A	0.0080629	8.0629275	13:00	48	0.0050062	5.0061799
13:15	56	0.0190441	19.044092	13:15	63	0.0066339	6.6339197	13:15	N/A	0.0087686	8.7685713	13:15	48	0.0081201	8.1201112
13:30	56	0.0203131	20.313103	13:30	63	0.0045474	4.5473658	13:30	N/A	0.009064	9.0639751	13:30	48	0.0086289	8.6288673
13:45	56	0.0155899	15.589856	13:45	63	0.0009641	0.9641165	13:45	N/A	0.0094859	9.4858903	13:45	48	0.0058043	5.8043204
14:00	56	0.0154863	15.486305	14:00	63	0.0001819	0.1818817	14:00	N/A	0.0099685	9.9685196	14:00	48	0.0043356	4.335633
14:15	56	0.0148612	14.861192	14:15	63	9.863E-05	0.098633	14:15	N/A	0.009673	9.6730131	14:15	48	0.0043793	4.3793494
14:30	56	0.0151121	15.112137	14:30	63	0	0	14:30	N/A	0.0095627	9.5626705	14:30	48	0.0042398	4.2398362
14:45	56	0.0161422	16.142221	14:45	63	0	0	14:45	N/A	0.0105908	10.590822	14:45	48	0.0038672	3.867247
15:00	56	0.0145865	14.586526	15:00	63	0	0	15:00	N/A	0.0113428	11.342835	15:00	48	0.0034029	3.4028971
15:15	56	0.0135573	13.557312	15:15	63	0	0	15:15	N/A	0.0108318	10.831779	15:15	48	0.0033136	3.313614
15:30	56	0.0160422	16.042238	15:30	63	0.0018049	1.80487	15:30	N/A	0.0105737	10.573669	15:30	48	0.0056613	5.6613444
15:45	56	0.0213015	21.30149	15:45	63	0.0027946	2.7946447	15:45	N/A	0.0110982	11.098241	15:45	48	0.0074794	7.4793792
16:00	56	0.0150091	15.009129	16:00	63	0.0012123	1.212321	16:00	N/A	0.0112333	11.233251	16:00	48	0.0056101	5.6100979
16:15	56	0.0193599	19.359938	16:15	63	0.0054034	5.4033592	16:15	N/A	0.0113022	11.302207	16:15	48	0.0076639	7.6638793
16:30	56	0.0267385	26.738484	16:30	63	0.0119045	11.904461	16:30	N/A	0.0110953	11.095288	16:30	48	0.0136163	13.616256
16:45	56	0.0180649	18.064902	16:45	63	0.0069541	6.9541173	16:45	N/A	0.0121956	12.195632	16:45	48	0.0110948	11.094808
17:00	56	0.0136246	13.624629	17:00	63	0.0012477	1.2476819	17:00	N/A	0.0127983	12.798345	17:00	48	0.0029276	2.9275524
17:15	56	0.0162142	16.214177	17:15	63	0.0034983	3.498271	17:15	N/A	0.0136384	13.63839	17:15	48	0.0040822	4.0822448
17:30	56	0.0109552	10.955154	17:30	63	0.002406	2.4060377	17:30	N/A	0.013693	13.69298	17:30	48	0.0042867	4.2867019
17:45	56	0.0113602	11.360227	17:45	63	7.322E-05	0.0732165	17:45	N/A	0.0143208	14.320801	17:45	48	0.0013256	1.3255621
18:00	56	0.0094667	9.4666644	18:00	63	0.0014868	1.4868014	18:00	N/A	0.0154569	15.456855	18:00	48	0.0025413	2.5412731
18:15	56	0.0139045	13.904491	18:15	63	0.0012283	1.2283371	18:15	N/A	0.015985	15.984977	18:15	48	0.0027709	2.7709055
18:30	56	0.0091668	9.1668436	18:30	63	0	0	18:30	N/A	0.0163298	16.329811	18:30	48	0	0
18:45	56	0.011379	11.378991	18:45	63	0.0027408	2.7407745	18:45	N/A	0.0170472	17.04722	18:45	48	0.0036141	3.6140658
19:00	56	0.0151627	15.162721	19:00	63	0.0042561	4.2561153	19:00	N/A	0.0175402	17.540157	19:00	48	0.0081372	8.1372232
19:15	56	0.014532	14.531969	19:15	63	0.007095	7.0950392	19:15	N/A	0.0190904	19.090431	19:15	48	0.0089815	8.9815451
19:30	56	0.0210991	21.099068	19:30	63	0.0095968	9.5968456	19:30	N/A	0.0212146	21.214561	19:30	48	0.01561	15.609966
19:45	56	0.0219662	21.966177	19:45	63	0.0089615	8.9614866	19:45	N/A	0.022958	22.957954	19:45	48	0.0156059	15.605925
20:00	56	0.02781	27.810046	20:00	63	0.0081316	8.1315553	20:00	N/A	0.026662	26.662046	20:00	48	0.0154169	15.41693
20:15	56	0.0253937	25.393677	20:15	63	0.0074543	7.4543211	20:15	N/A	0.0290273	29.027293	20:15	48	0.0151155	15.115549
20:30	56	0.0256041	25.604137	20:30	63	0.0068214	6.8213709	20:30	N/A	0.0301914	30.191401	20:30	48	0.0147755	14.775545
20:45	56	0.0273524	27.352374	20:45	63	0.0062352	6.2351726	20:45	N/A	0.0320127	32.012673	20:45	48	0.0142705	14.270462
21:00	56	0.0271196	27.119596	21:00	63	0.006095	6.0950274	21:00	N/A	0.0313496	31.349607	21:00	48	0.0140347	14.034719
21:15	56	0.0280001	28.000086	21:15	63	0.0058282	5.8281823	21:15	N/A	0.0319718	31.971807	21:15	48	0.0136471	13.647091
21:30	56	0.0314104	31.410369	21:30	63	0.0052436	5.2435593	21:30	N/A	0.0336031	33.603087	21:30	48	0.0134182	13.418153
21:45	56	0.0334827	33.482694	21:45	63	0.0049872	4.987172	21:45	N/A	0.034101	34.101031	21:45	48	0.0137753	13.775264
22:00	56	0.0297851	29.78513	22:00	63	0.0057456	5.745591	22:00	N/A	0.0359456	35.945624	22:00	48	0.013954	13.953954
22:15	56	0.0335967	33.59671	22:15	63	0.0048558	4.8558081	22:15	N/A	0.0368316	36.831618	22:15	48	0.0106899	10.689887
22:30	56	0.0129775	12.977502	22:30	63	0.0032711	3.2710905	22:30	N/A	0.0370042	37.00418	22:30	48	0.0064498	6.4497935
22:45	56	0.0264487	26.448734	22:45	63	0.0031855	3.1855273	22:45	N/A	0.0401668	40.166844	22:45	48	0.0121446	12.144648
23:00	56	0.022184	22.184009	23:00	63	0.0029334	2.9334368	23:00	N/A	0.0386973	38.697313	23:00	48	0.0113202	11.32019
23:15	56	0.0258879	25.887915	23:15	63	0.0033889	3.388917	23:15	N/A	0.0360005	36.000471	23:15	48	0.0126363	12.636313
23:30	56	0.0249661	24.966115	23:30	63	0.0032373	3.2372897	23:30	N/A	0.0332738	33.273835	23:30	48	0.0120265	12.026529
23:45	56	0.0249511	24.951099	23:45	63	0.0029163	2.9163277	23:45	N/A	0.0309324	30.932372	23:45	48	0.0122866	12.286583



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

4/04/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/04/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/04/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/04/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0239275	23.927492	0:00	63	0.0029774	2.9774066	0:00	N/A	0.0298789	29.878862	0:00	48	0.0123514	12.351437	
0:15	56	0.0237123	23.712263	0:15	63	0.0025394	2.5394102	0:15	N/A	0.0298611	29.861137	0:15	48	0.0128273	12.827273	
0:30	56	0.0230495	23.049537	0:30	63	0.002668	2.668024	0:30	N/A	0.0287517	28.751658	0:30	48	0.0114907	11.490735	
0:45	56	0.0225226	22.522594	0:45	63	0.0027492	2.7491694	0:45	N/A	0.0279256	27.925615	0:45	48	0.0117231	11.723124	
1:00	56	0.0119143	11.914344	1:00	63	0.0017613	1.7613197	1:00	N/A	0.0270861	27.0861	1:00	48	0.0104296	10.429562	
1:15	56	0.0190933	19.093298	1:15	63	0.0016995	1.6995301	1:15	N/A	0.0273712	27.371177	1:15	48	0.0084251	8.4251158	
1:30	56	0.0230878	23.087794	1:30	63	0.0029941	2.9941031	1:30	N/A	0.0287306	28.730579	1:30	48	0.0112519	11.251863	
1:45	56	0.0218064	21.80643	1:45	63	0.0028034	2.8033518	1:45	N/A	0.0289433	28.9433	1:45	48	0.0118747	11.874736	
2:00	56	0.0236077	23.607676	2:00	63	0.0020117	2.0116572	2:00	N/A	0.0273895	27.389503	2:00	48	0.011952	11.952007	
2:15	56	0.0212361	21.236061	2:15	63	0.0020555	2.0555364	2:15	N/A	0.0255382	25.538156	2:15	48	0.0121823	12.182279	
2:30	56	0.0204684	20.468353	2:30	63	0.001641	1.6409827	2:30	N/A	0.0253559	25.355928	2:30	48	0.0113144	11.314432	
2:45	56	0.0203445	20.344459	2:45	63	0.0018483	1.8483278	2:45	N/A	0.0246958	24.695844	2:45	48	0.0110273	11.02733	
3:00	56	0.0203369	20.336881	3:00	63	0.0023565	2.3564624	3:00	N/A	0.0246982	24.698174	3:00	48	0.0114818	11.481843	
3:15	56	0.0203586	20.358591	3:15	63	0.0025549	2.5549026	3:15	N/A	0.0244588	24.45875	3:15	48	0.0105099	10.509909	
3:30	56	0.0203306	20.330578	3:30	63	0.0018736	1.873628	3:30	N/A	0.0234018	23.401824	3:30	48	0.0101055	10.105514	
3:45	56	0.0199013	19.901272	3:45	63	0.0019705	1.9704944	3:45	N/A	0.0232175	23.217479	3:45	48	0.0122723	12.27232	
4:00	56	0.0214606	21.460601	4:00	63	0.0019343	1.9342643	4:00	N/A	0.0226129	22.612936	4:00	48	0.0120844	12.084433	
4:15	56	0.0214142	21.414219	4:15	63	0.0016215	1.6214823	4:15	N/A	0.0234656	23.465586	4:15	48	0.0104265	10.426493	
4:30	56	0.0205523	20.552301	4:30	63	0.0016412	1.6411929	4:30	N/A	0.0216625	21.662527	4:30	48	0.0094763	9.4762862	
4:45	56	0.0182271	18.227057	4:45	63	0.0023244	2.3244055	4:45	N/A	0.0206138	20.6138	4:45	48	0.0101565	10.156462	
5:00	56	0.0188369	18.836933	5:00	63	0.0014701	1.4701309	5:00	N/A	0.0206068	20.606769	5:00	48	0.0109385	10.938499	
5:15	56	0.0166088	16.608757	5:15	63	0.0014782	1.4781659	5:15	N/A	0.0203326	20.332649	5:15	48	0.0096058	9.6057754	
5:30	56	0.0172463	17.246338	5:30	63	0.0014395	1.4394643	5:30	N/A	0.0189333	18.933325	5:30	48	0.0092654	9.2654407	
5:45	56	0.0173289	17.328907	5:45	63	0.0021516	2.1515876	5:45	N/A	0.0188087	18.808743	5:45	48	0.007742	7.7419729	
6:00	56	0.0171963	17.196259	6:00	63	0.0014262	1.4262452	6:00	N/A	0.0191987	19.19871	6:00	48	0.0076467	7.64671	
6:15	56	0.0169116	16.911601	6:15	63	0.0008883	0.8883389	6:15	N/A	0.0215615	21.561543	6:15	48	0.0067365	6.7364519	
6:30	56	0.0165882	16.588224	6:30	63	0.0006681	0.6680679	6:30	N/A	0.0229551	22.955132	6:30	48	0.0073703	7.3703043	
6:45	56	0.0169419	16.941882	6:45	63	0.0006727	0.6726885	6:45	N/A	0.0227642	22.764177	6:45	48	0.0088775	8.8775268	
7:00	56	0.0169661	16.966107	7:00	63	0.000804	0.8039709	7:00	N/A	0.0210936	21.093556	7:00	48	0.0084418	8.4418145	
7:15	56	0.0157849	15.784936	7:15	63	0.0005998	0.5997792	7:15	N/A	0.021744	21.743973	7:15	48	0.0087628	8.7627881	
7:30	56	0.0151868	15.186756	7:30	63	0.0005834	0.5833862	7:30	N/A	0.0238749	23.874851	7:30	48	0.0074582	7.4581767	
7:45	56	0.0156489	15.64885	7:45	63	0.000586	0.585985	7:45	N/A	0.0268791	26.87908	7:45	48	0.0090212	9.021205	
8:00	56	0.0166613	16.66613	8:00	63	0.0007958	0.7958442	8:00	N/A	0.0316302	31.630226	8:00	48	0.0093128	9.3128003	
8:15	56	0.0173192	17.319195	8:15	63	0.0006917	0.6917317	8:15	N/A	0.0314909	31.490936	8:15	48	0.0094524	9.4524421	
8:30	56	0.0137805	13.780541	8:30	63	0.0010426	1.0425891	8:30	N/A	0.0331153	33.115287	8:30	48	0.0095363	9.5362529	
8:45	56	0.0148161	14.816147	8:45	63	0.0012698	1.2697663	8:45	N/A	0.034046	34.046015	8:45	48	0.0101619	10.161922	
9:00	56	0.014274	14.273958	9:00	63	0.0012505	1.2504988	9:00	N/A	0.0366257	36.625736	9:00	48	0.0103146	10.314558	
9:15	56	0.0160155	16.01547	9:15	63	0.0011287	1.1287422	9:15	N/A	0.0477674	47.767353	9:15	48	0.0077134	7.7133799	
9:30	56	0.0193898	19.389848	9:30	63	0.0026315	2.6315093	9:30	N/A	0.0368087	36.80866	9:30	48	0.0110447	11.044688	
9:45	56	0.0202824	20.282382	9:45	63	0.0028333	2.8332721	9:45	N/A	0.0384497	38.4497	9:45	48	0.0121763	12.176312	
10:00	56	0.0128354	12.835438	10:00	63	0.001627	1.6270359	10:00	N/A	0.0434926	43.492636	10:00	48	0.0045285	4.5285004	
10:15	56	0.0114978	11.497755	10:15	63	0.0025396	2.539588	10:15	N/A	0.048903	48.903014	10:15	48	0.0088332	8.8331586	
10:30	56	0.0185311	18.531121	10:30	63	0.0019943	1.9942953	10:30	N/A	0.0540223	54.022266	10:30	48	0.0089948	8.9947694	

10:45	56	0.0108336	10.833622	10:45	63	0.0023163	2.3163113	10:45	N/A	0.0503877	50.387741	10:45	48	0.0045413	4.5413432
11:00	56	0.0119371	11.937073	11:00	63	0.001965	1.9650256	11:00	N/A	0.0497663	49.766253	11:00	48	0.0092025	9.2024772
11:15	56	0.0194513	19.451265	11:15	63	0.0040075	4.0075156	11:15	N/A	0.0477623	47.762342	11:15	48	0.0085987	8.5986763
11:30	56	0.0076836	7.6836259	11:30	63	0.0010213	1.0212637	11:30	N/A	0.04488	44.879992	11:30	48	0.0042682	4.2682361
11:45	56	0	0	11:45	63	0	0	11:45	N/A	0.0416858	41.685767	11:45	48	0.000342	0.3420433
12:00	56	0	0	12:00	63	0	0	12:00	N/A	0.0410773	41.077262	12:00	48	0	0
12:15	56	0	0	12:15	63	0	0	12:15	N/A	0.0420785	42.078515	12:15	48	0	0
12:30	56	0	0	12:30	63	0	0	12:30	N/A	0.0440883	44.088344	12:30	48	0	0
12:45	56	0	0	12:45	63	0	0	12:45	N/A	0.0452416	45.24158	12:45	48	0	0
13:00	56	0	0	13:00	63	0	0	13:00	N/A	0.0463416	46.341638	13:00	48	0	0
13:15	56	0	0	13:15	63	0	0	13:15	N/A	0.0477293	47.729303	13:15	48	0	0
13:30	56	0.0043833	4.3832766	13:30	63	0.0002272	0.2272	13:30	N/A	0.0494742	49.474172	13:30	48	0	0
13:45	56	0.0099638	9.9637796	13:45	63	0.0048896	4.8896423	13:45	N/A	0.0499814	49.981415	13:45	48	0.0099697	9.9697361
14:00	56	0.0104965	10.49655	14:00	63	2.821E-06	0.0028208	14:00	N/A	0.0508595	50.859528	14:00	48	0.0017023	1.7023221
14:15	56	0.006114	6.1140107	14:15	63	0.0029805	2.9804733	14:15	N/A	0.0511474	51.147379	14:15	48	0.005015	5.0149783
14:30	56	0	0	14:30	63	7.073E-05	0.0707307	14:30	N/A	0.04983	49.830006	14:30	48	0.0010031	1.0031347
14:45	56	0	0	14:45	63	0	0	14:45	N/A	0.0488257	48.825718	14:45	48	0	0
15:00	56	0.006425	6.4249826	15:00	63	0	0	15:00	N/A	0.0478061	47.806058	15:00	48	0	0
15:15	56	0.014707	14.707027	15:15	63	0.0076378	7.6377771	15:15	N/A	0.0471251	47.125082	15:15	48	0.0130473	13.047294
15:30	56	0.0093461	9.3461275	15:30	63	0.0007455	0.7454654	15:30	N/A	0.0464861	46.486118	15:30	48	0.0026101	2.6101467
15:45	56	0.0003993	0.3992585	15:45	63	0	0	15:45	N/A	0.0459882	45.988184	15:45	48	0	0
16:00	56	0.0023844	2.3843752	16:00	63	0	0	16:00	N/A	0.0448213	44.821259	16:00	48	0	0
16:15	56	0.0043456	4.3456416	16:15	63	5.502E-06	0.0055019	16:15	N/A	0.0428759	42.875912	16:15	48	0	0
16:30	56	0.0089417	8.9417153	16:30	63	0.0058181	5.8181043	16:30	N/A	0.0433562	43.356219	16:30	48	0.0079965	7.9965127
16:45	56	0.0122199	12.219854	16:45	63	0.000138	0.1380178	16:45	N/A	0.0430876	43.087563	16:45	48	0.0022848	2.2848298
17:00	56	0.0043103	4.310321	17:00	63	0	0	17:00	N/A	0.0427336	42.733555	17:00	48	0	0
17:15	56	0.003826	3.8259896	17:15	63	0	0	17:15	N/A	0.0427097	42.709696	17:15	48	0	0
17:30	56	0.002961	2.9610165	17:30	63	0	0	17:30	N/A	0.0422019	42.201943	17:30	48	0	0
17:45	56	0.0132071	13.207101	17:45	63	0	0	17:45	N/A	0.0418785	41.878536	17:45	48	0	0
18:00	56	0.0284974	28.49736	18:00	63	0.0188392	18.839182	18:00	N/A	0.0423391	42.339089	18:00	48	0.025604	25.604012
18:15	56	0.0188065	18.806472	18:15	63	0.0093917	9.3916885	18:15	N/A	0.0430316	43.031619	18:15	48	0.0171405	17.1405
18:30	56	0	0	18:30	63	0.0006233	0.6232903	18:30	N/A	0.04389	43.890002	18:30	48	0.0026113	2.6112875
18:45	56	0	0	18:45	63	0	0	18:45	N/A	0.0445872	44.587173	18:45	48	0	0
19:00	56	0.0041497	4.1497005	19:00	63	0.0058047	5.8047477	19:00	N/A	0.0450862	45.086225	19:00	48	0.0077333	7.7332869
19:15	56	0.0212206	21.220644	19:15	63	0.0068803	6.8803436	19:15	N/A	0.0451701	45.17014	19:15	48	0.0207905	20.790519
19:30	56	0.0383885	38.38848	19:30	63	0.0178943	17.894268	19:30	N/A	0.0470922	47.092241	19:30	48	0.0335413	33.541304
19:45	56	0.037629	37.628951	19:45	63	0.0187377	18.737662	19:45	N/A	0.0513985	51.398487	19:45	48	0.0345971	34.597066
20:00	56	0.0367545	36.754533	20:00	63	0.0169859	16.985902	20:00	N/A	0.0503454	50.345418	20:00	48	0.0310685	31.068529
20:15	56	0.0344036	34.403588	20:15	63	0.014058	14.058031	20:15	N/A	0.049445	49.444963	20:15	48	0.0266984	26.698399
20:30	56	0.0315655	31.565484	20:30	63	0.0114663	11.466319	20:30	N/A	0.0521483	52.14829	20:30	48	0.0223861	22.386118
20:45	56	0.029719	29.719048	20:45	63	0.0091045	9.104452	20:45	N/A	0.0528242	52.824224	20:45	48	0.0197651	19.765053
21:00	56	0.0297608	29.760761	21:00	63	0.0074056	7.4056278	21:00	N/A	0.0558968	55.89677	21:00	48	0.0186369	18.636935
21:15	56	0.0306256	30.625567	21:15	63	0.0048813	4.8812746	21:15	N/A	0.0568738	56.873762	21:15	48	0.017921	17.920999
21:30	56	0.0295049	29.504866	21:30	63	0.0045413	4.5413027	21:30	N/A	0.0573038	57.303797	21:30	48	0.017304	17.304009
21:45	56	0.0315931	31.593109	21:45	63	0.0042292	4.2291529	21:45	N/A	0.0583755	58.375475	21:45	48	0.0172871	17.287115
22:00	56	0.029849	29.848972	22:00	63	0.0039949	3.994888	22:00	N/A	0.0579967	57.996722	22:00	48	0.0179868	17.986795
22:15	56	0.0300689	30.068892	22:15	63	0.0042055	4.205545	22:15	N/A	0.0569033	56.903282	22:15	48	0.0177501	17.750053
22:30	56	0.0314278	31.427784	22:30	63	0.0040606	4.060597	22:30	N/A	0.0568262	56.826229	22:30	48	0.01794	17.94003
22:45	56	0.0305671	30.567087	22:45	63	0.0040305	4.0305067	22:45	N/A	0.0588312	58.831221	22:45	48	0.0189666	18.966608
23:00	56	0.0304477	30.44767	23:00	63	0.0033685	3.3684904	23:00	N/A	0.0595058	59.505815	23:00	48	0.0192158	19.215844
23:15	56	0.0290143	29.014275	23:15	63	0.0027866	2.7866339	23:15	N/A	0.0586712	58.671158	23:15	48	0.0187299	18.729869
23:30	56	0.0287895	28.789546	23:30	63	0.0022317	2.2316721	23:30	N/A	0.0585854	58.585417	23:30	48	0.01773	17.72998
23:45	56	0.0307581	30.758127	23:45	63	0.0023507	2.3506933	23:45	N/A	0.0590581	59.058085	23:45	48	0.017207	17.206955



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.43	0	0	0	0.91

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)																
4/05/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/05/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/05/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/05/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0298675	29.867538	0:00	63	0.0021891	2.1890833	0:00	N/A	0.0591996	59.199585	0:00	48	0.0168142	16.814219	
0:15	56	0.0305033	30.503345	0:15	63	0.0017302	1.7301973	0:15	N/A	0.0612743	61.274276	0:15	48	0.016684	16.683989	
0:30	56	0.0282728	28.272806	0:30	63	0.0022632	2.263177	0:30	N/A	0.0606865	60.686451	0:30	48	0.0177239	17.723894	
0:45	56	0.0270425	27.042539	0:45	63	0.0025445	2.5444569	0:45	N/A	0.0590374	59.037397	0:45	48	0.019602	19.602012	
1:00	56	0.0261486	26.14858	1:00	63	0.0015872	1.5871964	1:00	N/A	0.060337	60.336995	1:00	48	0.0184357	18.435699	
1:15	56	0.0263829	26.382924	1:15	63	0.0015369	1.5368968	1:15	N/A	0.0579267	57.926655	1:15	48	0.0161394	16.139436	
1:30	56	0.0547789	54.778941	1:30	63	0.0016747	1.6746998	1:30	N/A	0.0561183	56.118331	1:30	48	0.0160591	16.059092	* See Field Investigation Below
1:35	56	0.0895471	89.547086	1:45	63	0.0012821	1.2821083	1:45	N/A	0.053594	53.594023	1:45	48	0.0168837	16.883715	* See Field Investigation Below
1:40	56	0.0826231	82.623081	2:00	63	0.0010893	1.0893156	2:00	N/A	0.0554412	55.441226	2:00	48	0.0170674	17.067443	* See Field Investigation Below
1:45	56	0.0304126	30.41265	2:15	63	0.001222	1.2220138	2:15	N/A	0.0551896	55.189619	2:15	48	0.0161565	16.156487	
2:00	56	0.0263873	26.387292	2:30	63	0.0009054	0.9054284	2:30	N/A	0.0539019	53.901942	2:30	48	0.0151412	15.141245	
2:15	56	0.0253539	25.353859	2:45	63	0.0008188	0.8187685	2:45	N/A	0.0530448	53.044839	2:45	48	0.0154813	15.481319	
2:30	56	0.0249421	24.942089	3:00	63	0.0011126	1.1126211	3:00	N/A	0.0529809	52.980866	3:00	48	0.0155108	15.510823	
2:45	56	0.0241947	24.194694	3:15	63	0.0010319	1.0318829	3:15	N/A	0.0526095	52.609514	3:15	48	0.0159897	15.98971	
3:00	56	0.0246745	24.674511	3:30	63	0.0005894	0.5893772	3:30	N/A	0.0506082	50.608171	3:30	48	0.0171449	17.144906	
3:15	56	0.0259571	25.957143	3:45	63	0.0010696	1.0695776	3:45	N/A	0.0504839	50.483903	3:45	48	0.0167785	16.778531	
3:30	56	0.0252777	25.277701	4:00	63	0.001085	1.0849844	4:00	N/A	0.0552937	55.293686	4:00	48	0.0155064	15.506391	
3:45	56	0.0243286	24.328604	4:15	63	0.0009876	0.9875505	4:15	N/A	0.0596671	59.667064	4:15	48	0.0144737	14.473691	
4:00	56	0.0247685	24.76846	4:30	63	0.0012398	1.2397633	4:30	N/A	0.0608431	60.843085	4:30	48	0.0147363	14.736278	
4:15	56	0.0264757	26.475689	4:45	63	0.001434	1.4340064	4:45	N/A	0.0560806	56.080562	4:45	48	0.0139318	13.93178	
4:30	56	0.0261015	26.101515	5:00	63	0.0008338	0.8338426	5:00	N/A	0.0548907	54.890709	5:00	48	0.0139205	13.920488	
4:45	56	0.0243354	24.335445	5:15	63	0.0003559	0.3558727	5:15	N/A	0.0541347	54.134716	5:15	48	0.013971	13.971014	
5:00	56	0.0251878	25.187828	5:30	63	0.0007198	0.7197502	5:30	N/A	0.0539881	53.988121	5:30	48	0.013118	13.118039	
5:15	56	0.0268523	26.852254	5:45	63	0.0007373	0.7372652	5:45	N/A	0.0549828	54.982818	5:45	48	0.0138437	13.843653	
5:30	56	0.0263974	26.397365	6:00	63	0.0006296	0.6295962	6:00	N/A	0.0567492	56.74917	6:00	48	0.0142204	14.220414	
5:45	56	0.0263298	26.329787	6:15	63	0.000716	0.7159802	6:15	N/A	0.0568345	56.834468	6:15	48	0.0140003	14.000307	
6:00	56	0.0267251	26.725115	6:30	63	0.000859	0.8589777	6:30	N/A	0.0571604	57.160351	6:30	48	0.0140275	14.027534	
6:15	56	0.0272606	27.260586	6:45	63	0.0009119	0.9118594	6:45	N/A	0.0584648	58.464804	6:45	48	0.0140849	14.084936	
6:30	56	0.0268343	26.834285	7:00	63	0.0011132	1.1132125	7:00	N/A	0.0599584	59.95845	7:00	48	0.0142658	14.26576	
6:45	56	0.027135	27.134986	7:15	63	0.0012424	1.2423547	7:15	N/A	0.0591108	59.110838	7:15	48	0.0153034	15.303413	
7:00	56	0.0279896	27.989596	7:30	63	0.0012317	1.231747	7:30	N/A	0.0591283	59.128327	7:30	48	0.0151216	15.121618	
7:15	56	0.0294871	29.487067	7:45	63	0.001413	1.4130144	7:45	N/A	0.061445	61.44497	7:45	48	0.0147478	14.747849	
7:30	56	0.0295058	29.505754	8:00	63	0.0018889	1.8888868	8:00	N/A	0.0620767	62.076706	8:00	48	0.0149077	14.907679	

7:45	56	0.0343033	34.303326	8:15	63	0.0022913	2.2913005	8:15	N/A	0.0620237	62.023749	8:15	48	0.015084	15.083994
8:00	56	0.0289007	28.900684	8:30	63	0.0024907	2.490722	8:30	N/A	0.0721931	72.193127	8:30	48	0.0137186	13.718593
8:15	56	0.0270577	27.057718	8:45	63	0.001323	1.3229765	8:45	N/A	0.1680601	168.06014	8:45	48	0.006349	6.3489594
8:30	56	0.0298511	29.851086	9:00	63	0	0	9:00	N/A	0.1588294	158.82943	9:00	48	0	0
8:45	56	0.0112829	11.28288	9:15	63	7.188E-05	0.0718791	9:15	N/A	0.1013489	101.34892	9:15	48	0.0030183	3.0182836
9:00	56	0.0002518	0.2517637	9:30	63	0.0002993	0.2992663	9:30	N/A	0.0791335	79.133483	9:30	48	0.0115169	11.516934
9:15	56	0.0097953	9.7952968	9:45	63	0.0004235	0.4234714	9:45	N/A	0.0692224	69.222378	9:45	48	0.0090816	9.0815912
9:30	56	0.0280777	28.077684	10:00	63	0.0012818	1.28176	10:00	N/A	0.0682187	68.218654	10:00	48	0.0110907	11.090724
9:45	56	0.011267	11.267036	10:15	63	0.0027696	2.7695502	10:15	N/A	0.0695087	69.508686	10:15	48	0.0150377	15.037736
10:00	56	0.0267478	26.747848	10:30	63	0.0032897	3.2897301	10:30	N/A	0.069105	69.104979	10:30	48	0.015714	15.713979
10:15	56	0.0295259	29.525852	10:45	63	0.0033665	3.3664725	10:45	N/A	0.068853	68.852969	10:45	48	0.0147263	14.726316
10:30	56	0.0304455	30.445516	11:00	63	0.0043411	4.3411373	11:00	N/A	0.0682782	68.278195	11:00	48	0.0116873	11.687269
10:45	56	0.0315902	31.590193	11:15	63	0.0052797	5.2797077	11:15	N/A	0.0673435	67.343537	11:15	48	0.0141741	14.174081
11:00	56	0.0235303	23.530312	11:30	63	0.0057081	5.708074	11:30	N/A	0.0651913	65.191333	11:30	48	0.0202024	20.202362
11:15	56	0.0235747	23.574702	11:45	63	0.0074555	7.4554671	11:45	N/A	0.0636472	63.64716	11:45	48	0.0210399	21.039937
11:30	56	0.0347948	34.794768	12:00	63	0.0082807	8.2806517	12:00	N/A	0.0621056	62.105607	12:00	48	0.0219083	21.908289
11:45	56	0.0363708	36.37081	12:15	63	0.0092251	9.2250848	12:15	N/A	0.0600254	60.025383	12:15	48	0.0219283	21.928329
12:00	56	0.0370641	37.064114	12:30	63	0.0062245	6.2244691	12:30	N/A	0.0561276	56.127567	12:30	48	0.0125197	12.519698
12:15	56	0.0386875	38.687524	12:45	63	0.0018855	1.8855292	12:45	N/A	0.0527362	52.736173	12:45	48	0.0051157	5.1157154
12:30	56	0.0173805	17.380523	13:00	63	0.0081971	8.1970952	13:00	N/A	0.0503582	50.358221	13:00	48	0.0232317	23.231705
12:45	56	0.0143796	14.379623	13:15	63	0.0157017	15.701747	13:15	N/A	0.0490701	49.070109	13:15	48	0.0320903	32.090301
13:00	56	0.0275032	27.503233	13:30	63	0.0103273	10.327331	13:30	N/A	0.0473009	47.300913	13:30	48	0.0213062	21.306191
13:15	56	0.0435561	43.556099	13:45	63	0.0062537	6.2536535	13:45	N/A	0.0451967	45.196749	13:45	48	0.0152261	15.22614
13:30	56	0.0220971	22.097142	14:00	63	0.0183054	18.305376	14:00	N/A	0.0433457	43.345697	14:00	48	0.0306772	30.677243
13:45	56	0.0352299	35.229946	14:15	63	0.0168834	16.883441	14:15	N/A	0.0402502	40.250165	14:15	48	0.0446757	44.675695
14:00	56	0.0398322	39.832178	14:30	63	0.01803	18.029984	14:30	N/A	0.0366368	36.636823	14:30	48	0.0353883	35.38828
14:15	56	0.0529033	52.903275	14:45	63	0.00604	6.0399942	14:45	N/A	0.0302204	30.220376	14:45	48	0.0308225	30.822529
14:30	56	0.0480086	48.008599	15:00	63	0	0	15:00	N/A	0.0290999	29.09986	15:00	48	0.0239229	23.92291
14:45	56	0.031499	31.499019	15:15	63	0.0026131	2.6131218	15:15	N/A	0.0308302	30.830193	15:15	48	0.0244986	24.498614
15:00	56	0.0284254	28.425403	15:30	63	0.0057871	5.7871485	15:30	N/A	0.0311675	31.167513	15:30	48	0.0166351	16.635142
15:15	56	0.0352198	35.219792	15:45	63	0	0	15:45	N/A	0.0298841	29.884091	15:45	48	0.019473	19.473025
15:30	56	0.0301581	30.158127	16:00	63	0	0	16:00	N/A	0.0287774	28.777421	16:00	48	0.0210537	21.053668
15:45	56	0.0293107	29.310724	16:15	63	0	0	16:15	N/A	0.0288693	28.869294	16:15	48	0.0215044	21.504368
16:00	56	0.030482	30.482037	16:30	63	0	0	16:30	N/A	0.0286151	28.615105	16:30	48	0.0208044	20.804371
16:15	56	0.0289782	28.978179	16:45	63	0.0013443	1.3442712	16:45	N/A	0.0269406	26.940568	16:45	48	0.0221212	22.121194
16:30	56	0.0265976	26.597637	17:00	63	0.0062177	6.217735	17:00	N/A	0.0270939	27.093925	17:00	48	0.0278131	27.813067
16:45	56	0.0274834	27.483413	17:15	63	0	0	17:15	N/A	0.0277444	27.744388	17:15	48	0.0178962	17.896201
17:00	56	0.0318698	31.869817	17:30	63	0.0016882	1.688247	17:30	N/A	0.0282235	28.223499	17:30	48	0.0172633	17.263259
17:15	56	0.0262049	26.20486	17:45	63	0.0056787	5.6787244	17:45	N/A	0.0291762	29.176204	17:45	48	0.02256	22.559971
17:30	56	0.0288298	28.829779	18:00	63	0.003749	3.7490233	18:00	N/A	0.0293048	29.304782	18:00	48	0.0239986	23.998576
17:45	56	0.0230483	23.048325	18:15	63	0.0212454	21.24538	18:15	N/A	0.0308224	30.822436	18:15	48	0.0444579	44.457872
18:00	56	0.0347835	34.783477	18:30	63	0.0215976	21.597631	18:30	N/A	0.0339026	33.90256	18:30	48	0.0453269	45.326859
18:15	56	0.0476247	47.6247	18:45	63	0.0211686	21.168565	18:45	N/A	0.0323513	32.351295	18:45	48	0.0454904	45.490443
18:30	56	0.0505788	50.578751	19:00	63	0.0208654	20.865366	19:00	N/A	0.0309172	30.917173	19:00	48	0.0442583	44.258285
18:45	56	0.0501483	50.148272	19:15	63	0.0206326	20.632604	19:15	N/A	0.0308637	30.863691	19:15	48	0.0422704	42.270427
19:00	56	0.049002	49.001999	19:30	63	0.0192924	19.292354	19:30	N/A	0.0307061	30.706081	19:30	48	0.0402641	40.264117
19:15	56	0.0477789	47.778945	19:45	63	0.0175748	17.574772	19:45	N/A	0.0320384	32.038447	19:45	48	0.0386856	38.685562
19:30	56	0.0467813	46.781349	20:00	63	0.0107657	10.765664	20:00	N/A	0.0451638	45.163765	20:00	48	0.0134906	13.490568
19:45	56	0.0458389	45.838938	20:15	63	0	0	20:15	N/A	0.062563	62.562961	20:15	48	0.0002991	0.2991097
20:00	56	0.0182143	18.214253	20:30	63	0	0	20:30	N/A	0.0689278	68.927841	20:30	48	0	0
20:15	56	0.0011063	1.1062652	20:45	63	0	0	20:45	N/A	0.0672587	67.258732	20:45	48	0	0
20:30	56	0	0	21:00	63	0	0	21:00	N/A	0.063097	63.097039	21:00	48	0	0
20:45	56	0	0	21:15	63	0	0	21:15	N/A	0.061562	61.56196	21:15	48	0	0

21:00	56	0	0	21:30	63	2.741E-05	0.0274064	21:30	N/A	0.0614556	61.455637	21:30	48	0	0
21:15	56	0	0	21:45	63	0.0006386	0.638611	21:45	N/A	0.0619277	61.927695	21:45	48	0.0124748	12.474772
21:30	56	0.0064126	6.4125809	22:00	63	0.0009861	0.9860701	22:00	N/A	0.0629417	62.941682	22:00	48	0.0090296	9.0295954
21:45	56	0.0141754	14.17541	22:15	63	0.0001322	0.1322465	22:15	N/A	0.0637384	63.738389	22:15	48	0.0002187	0.2186602
22:00	56	0.0178775	17.877529	22:30	63	2.563E-06	0.0025626	22:30	N/A	0.0639604	63.960416	22:30	48	0.0126774	12.677416
22:15	56	0.0127646	12.764593	22:45	63	5.522E-05	0.0552174	22:45	N/A	0.0647673	64.767345	22:45	48	0.0126414	12.641373
22:30	56	0.0205419	20.541857	23:00	63	0	0	23:00	N/A	0.0666614	66.661357	23:00	48	0.0122824	12.282364
22:45	56	0.025963	25.963038	23:15	63	0	0	23:15	N/A	0.0658187	65.818651	23:15	48	0.01188	11.879982
23:00	56	0.0253858	25.385772	23:30	63	0	0	23:30	N/A	0.0635079	63.507925	23:30	48	0.0010561	1.0561142
23:15	56	0.0203411	20.341127	23:45	63	0	0	23:45	N/A	0.0627138	62.713791	23:45	48	0.0068595	6.8595082
23:30	56	0.0059047	5.9046515												
23:45	56	0.0138635	13.863534												

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

4/06/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/06/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/06/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/06/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0101325	10.132513	0:00	63	0	0	0:00	N/A	0.0628627	62.862681	0:00	48	0.004592	4.5920278	
0:15	56	0	0	0:15	63	0	0	0:15	N/A	0.0626396	62.639573	0:15	48	0.0003779	0.3778832	
0:30	56	0.0044639	4.4639496	0:30	63	0	0	0:30	N/A	0.0610511	61.051079	0:30	48	0	0	
0:45	56	0.0114562	11.456177	0:45	63	0	0	0:45	N/A	0.0605074	60.507357	0:45	48	0.0064311	6.4310563	
1:00	56	0.0111673	11.167266	1:00	63	0	0	1:00	N/A	0.0608803	60.8803	1:00	48	0.0081142	8.1141699	
1:15	56	0.0112979	11.297887	1:15	63	0	0	1:15	N/A	0.0610611	61.061079	1:15	48	0.0080894	8.0893522	
1:30	56	0.0146975	14.6975	1:30	63	1.047E-07	0.0001047	1:30	N/A	0.0611037	61.103672	1:30	48	0.0077573	7.7572976	
1:45	56	0.0143795	14.379451	1:45	63	0.000111	0.1110282	1:45	N/A	0.0613458	61.345814	1:45	48	0.0078195	7.8194632	
2:00	56	0.0069683	6.9683369	2:00	63	2.641E-06	0.0026406	2:00	N/A	0.0598837	59.883703	2:00	48	0.0012216	1.2216456	
2:15	56	0.0036123	3.6122723	2:15	63	0	0	2:15	N/A	0.0586814	58.68142	2:15	48	0.003207	3.2070437	
2:30	56	0.0029844	2.9844057	2:30	63	0	0	2:30	N/A	0.0583779	58.37785	2:30	48	0.0005909	0.590928	
2:45	56	0.0089529	8.9528662	2:45	63	0	0	2:45	N/A	0.0581669	58.166903	2:45	48	0.0058965	5.8964527	
3:00	56	0.020096	20.09602	3:00	63	0	0	3:00	N/A	0.0583705	58.370493	3:00	48	0.0106642	10.664216	
3:15	56	0.0199526	19.952559	3:15	63	0	0	3:15	N/A	0.0586731	58.673099	3:15	48	0.0115949	11.594911	
3:30	56	0.0170018	17.001804	3:30	63	0	0	3:30	N/A	0.0586167	58.61671	3:30	48	0.0118973	11.897294	
3:45	56	0.0162836	16.28359	3:45	63	0	0	3:45	N/A	0.0584593	58.459255	3:45	48	0.0086958	8.6957807	
4:00	56	0.0198181	19.818135	4:00	63	0	0	4:00	N/A	0.0589965	58.996456	4:00	48	0.0117212	11.721157	
4:15	56	0.0198081	19.808052	4:15	63	0	0	4:15	N/A	0.0591953	59.195339	4:15	48	0.0122575	12.257497	
4:30	56	0.0139359	13.935888	4:30	63	0	0	4:30	N/A	0.0591396	59.139557	4:30	48	0.0090738	9.0737615	
4:45	56	0.0124782	12.478168	4:45	63	0	0	4:45	N/A	0.0588352	58.835201	4:45	48	0.0080867	8.0867466	
5:00	56	0.016971	16.970981	5:00	63	0	0	5:00	N/A	0.0589185	58.918451	5:00	48	0.0083575	8.3574786	
5:15	56	0.0108276	10.827569	5:15	63	0.0001116	0.1116044	5:15	N/A	0.0591642	59.164203	5:15	48	0.008665	8.6649939	
5:30	56	0.0065759	6.5759409	5:30	63	1.176E-05	0.0117609	5:30	N/A	0.0593245	59.324451	5:30	48	0.0052765	5.2764573	
5:45	56	0.0039788	3.9787796	5:45	63	0.0001982	0.1982464	5:45	N/A	0.0590666	59.066571	5:45	48	0.0009514	0.9513926	
6:00	56	0	0	6:00	63	1.935E-05	0.0193491	6:00	N/A	0.058592	58.591969	6:00	48	0	0	
6:15	56	0	0	6:15	63	0	0	6:15	N/A	0.0579048	57.904796	6:15	48	0	0	
6:30	56	0	0	6:30	63	0	0	6:30	N/A	0.0518895	51.889486	6:30	48	0	0	
6:45	56	0	0	6:45	63	0	0	6:45	N/A	0.0463008	46.300763	6:45	48	0	0	
7:00	56	0	0	7:00	63	0	0	7:00	N/A	0.0430308	43.030794	7:00	48	0	0	
7:15	56	0.0021787	2.1786611	7:15	63	0	0	7:15	N/A	0.0407672	40.767183	7:15	48	0	0	
7:30	56	0.0035885	3.588524	7:30	63	0	0	7:30	N/A	0.0394936	39.493571	7:30	48	0.0023367	2.3366903	
7:45	56	0	0	7:45	63	0	0	7:45	N/A	0.0405493	40.549332	7:45	48	0.0009494	0.9494374	
8:00	56	0	0	8:00	63	0	0	8:00	N/A	0.0456761	45.676052	8:00	48	0	0	
8:15	56	0	0	8:15	63	0	0	8:15	N/A	0.0470584	47.058411	8:15	48	0	0	
8:30	56	0	0	8:30	63	0	0	8:30	N/A	0.0439318	43.931782	8:30	48	0	0	
8:45	56	0	0	8:45	63	0	0	8:45	N/A	0.0405217	40.521685	8:45	48	0	0	
9:00	56	0	0	9:00	63	0	0	9:00	N/A	0.0384632	38.463219	9:00	48	0	0	
9:15	56	0.0009818	0.9817643	9:15	63	0	0	9:15	N/A	0.0381042	38.104158	9:15	48	0	0	
9:30	56	0.0021745	2.1745156	9:30	63	0	0	9:30	N/A	0.0368579	36.857905	9:30	48	0	0	
9:45	56	0.0009499	0.9498722	9:45	63	0	0	9:45	N/A	0.0344272	34.427217	9:45	48	0	0	
10:00	56	0.0021033	2.1033252	10:00	63	0	0	10:00	N/A	0.0334691	33.469098	10:00	48	0	0	
10:15	56	0	0	10:15	63	0	0	10:15	N/A	0.0333092	33.309226	10:15	48	0	0	
10:30	56	0	0	10:30	63	0	0	10:30	N/A	0.0329439	32.943888	10:30	48	0	0	

10:45	56	0	0	10:45	63	0	0	10:45	N/A	0.0325348	32.534772	10:45	48	0	0
11:00	56	0.0006919	0.691855	11:00	63	0	0	11:00	N/A	0.0318208	31.820758	11:00	48	0	0
11:15	56	0.0021389	2.138916	11:15	63	0	0	11:15	N/A	0.0309293	30.929328	11:15	48	0	0
11:30	56	0.0005602	0.5601734	11:30	63	0	0	11:30	N/A	0.0292339	29.23394	11:30	48	0	0
11:45	56	0.0023014	2.3013504	11:45	63	0	0	11:45	N/A	0.0258963	25.896269	11:45	48	0	0
12:00	56	0.0017619	1.7619283	12:00	63	0	0	12:00	N/A	0.0226197	22.61965	12:00	48	0	0
12:15	56	0	0	12:15	63	0	0	12:15	N/A	0.0213581	21.358092	12:15	48	0	0
12:30	56	0.0008783	0.8783048	12:30	63	0	0	12:30	N/A	0.0210241	21.024122	12:30	48	0	0
12:45	56	0.0029548	2.954767	12:45	63	0	0	12:45	N/A	0.0202004	20.200428	12:45	48	0	0
13:00	56	0	0	13:00	63	0	0	13:00	N/A	0.0197806	19.780617	13:00	48	0	0
13:15	56	0	0	13:15	63	0	0	13:15	N/A	0.0198421	19.842097	13:15	48	0	0
13:30	56	0	0	13:30	63	0	0	13:30	N/A	0.019253	19.253031	13:30	48	0	0
13:45	56	0	0	13:45	63	0	0	13:45	N/A	0.0194484	19.448384	13:45	48	0	0
14:00	56	0	0	14:00	63	0	0	14:00	N/A	0.0163595	16.35949	14:00	48	0	0
14:15	56	0	0	14:15	63	0	0	14:15	N/A	0.0126079	12.607862	14:15	48	0	0
14:30	56	0	0	14:30	63	0	0	14:30	N/A	0.0099515	9.9514825	14:30	48	0	0
14:45	56	0	0	14:45	63	0	0	14:45	N/A	0.0087413	8.7413419	14:45	48	0	0
15:00	56	0	0	15:00	63	0	0	15:00	N/A	0.0077761	7.7760626	15:00	48	0	0
15:15	56	0	0	15:15	63	0	0	15:15	N/A	0.0065863	6.5862955	15:15	48	0	0
15:30	56	0	0	15:30	63	0	0	15:30	N/A	0.0052986	5.2985799	15:30	48	0	0
15:45	56	0	0	15:45	63	0	0	15:45	N/A	0.0046172	4.6171857	15:45	48	0	0
16:00	56	0	0	16:00	63	0.0001717	0.1716553	16:00	N/A	0.0022706	2.2706094	16:00	48	0	0
16:15	56	0	0	16:15	63	0.0001125	0.1124872	16:15	N/A	0.0004497	0.4497401	16:15	48	0	0
16:30	56	0	0	16:30	63	0	0	16:30	N/A	0	0	16:30	48	0	0
16:45	56	0	0	16:45	63	0	0	16:45	N/A	5.761E-05	0.0576128	16:45	48	0	0
17:00	56	0	0	17:00	63	0	0	17:00	N/A	0.0005819	0.5819118	17:00	48	0	0
17:15	56	0	0	17:15	63	0	0	17:15	N/A	0.0010518	1.0518405	17:15	48	0	0
17:30	56	0	0	17:30	63	0	0	17:30	N/A	0.0013077	1.307672	17:30	48	0	0
17:45	56	0	0	17:45	63	0	0	17:45	N/A	0.0009462	0.9461642	17:45	48	0	0
18:00	56	0	0	18:00	63	0	0	18:00	N/A	0.0006252	0.6251996	18:00	48	0	0
18:15	56	0	0	18:15	63	0	0	18:15	N/A	0.000689	0.6889509	18:15	48	0	0
18:30	56	8.044E-06	0.0080442	18:30	63	0	0	18:30	N/A	0.0003108	0.3107811	18:30	48	0	0
18:45	56	0.0002017	0.2017222	18:45	63	0	0	18:45	N/A	0	0	18:45	48	0	0
19:00	56	0.0006267	0.6266872	19:00	63	0	0	19:00	N/A	0	0	19:00	48	0	0
19:15	56	0.0001956	0.1955893	19:15	63	0	0	19:15	N/A	0	0	19:15	48	0	0
19:30	56	0.0004249	0.4248672	19:30	63	0	0	19:30	N/A	0	0	19:30	48	0	0
19:45	56	0	0	19:45	63	0	0	19:45	N/A	0.0001385	0.1385111	19:45	48	0	0
20:00	56	0	0	20:00	63	0	0	20:00	N/A	0.0004382	0.4382171	20:00	48	0	0
20:15	56	0	0	20:15	63	0	0	20:15	N/A	0.0007758	0.7757882	20:15	48	0	0
20:30	56	0	0	20:30	63	0	0	20:30	N/A	0.000898	0.8979871	20:30	48	0	0
20:45	56	0	0	20:45	63	0	0	20:45	N/A	0.0018857	1.8856817	20:45	48	0	0
21:00	56	0	0	21:00	63	0	0	21:00	N/A	0.0025141	2.5141296	21:00	48	0	0
21:15	56	0	0	21:15	63	0	0	21:15	N/A	0.002276	2.2760313	21:15	48	0	0
21:30	56	0	0	21:30	63	0	0	21:30	N/A	0.0039214	3.9214079	21:30	48	0	0
21:45	56	0	0	21:45	63	0	0	21:45	N/A	0.0049966	4.9965859	21:45	48	0	0
22:00	56	0	0	22:00	63	0	0	22:00	N/A	0.0061506	6.150589	22:00	48	0	0
22:15	56	0	0	22:15	63	0	0	22:15	N/A	0.0070046	7.0045729	22:15	48	0	0
22:30	56	4.438E-08	4.438E-05	22:30	63	0	0	22:30	N/A	0.0068564	6.8564458	22:30	48	0	0
22:45	56	4.682E-05	0.046823	22:45	63	0	0	22:45	N/A	0.0064806	6.4806214	22:45	48	0	0
23:00	56	0.0014561	1.4561067	23:00	63	0	0	23:00	N/A	0.0063596	6.3595986	23:00	48	0	0
23:15	56	0.0013775	1.3775378	23:15	63	0	0	23:15	N/A	0.0076525	7.6524602	23:15	48	0	0
23:30	56	0.0022496	2.2495979	23:30	63	0	0	23:30	N/A	0.0110534	11.053431	23:30	48	0	0
23:45	56	0.0038721	3.8721291	23:45	63	0	0	23:45	N/A	0.0096725	9.6725197	23:45	48	0	0



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

4/07/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/07/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/07/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/07/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0031958	3.1958404	0:00	63	0	0	0:00	N/A	0.0089531	8.9531323	0:00	48	0	0	
0:15	56	0.0021363	2.1362984	0:15	63	0	0	0:15	N/A	0.0112466	11.24658	0:15	48	0	0	
0:30	56	0.0019287	1.9286905	0:30	63	0	0	0:30	N/A	0.0108681	10.868074	0:30	48	0	0	
0:45	56	0.0029871	2.9871304	0:45	63	0	0	0:45	N/A	0.0101478	10.147835	0:45	48	0	0	
1:00	56	0.0008325	0.8325051	1:00	63	0	0	1:00	N/A	0.0116223	11.622299	1:00	48	0	0	
1:15	56	0.0014126	1.4126097	1:15	63	0	0	1:15	N/A	0.0106695	10.669539	1:15	48	0	0	
1:30	56	0.0022515	2.2514719	1:30	63	0	0	1:30	N/A	0.0100617	10.061686	1:30	48	0	0	
1:45	56	0.0013643	1.3642544	1:45	63	0	0	1:45	N/A	0.0106542	10.654178	1:45	48	0	0	
2:00	56	0.0025183	2.5182507	2:00	63	0	0	2:00	N/A	0.0096709	9.6708971	2:00	48	0	0	
2:15	56	0.003156	3.1559899	2:15	63	0	0	2:15	N/A	0.0093441	9.3441492	2:15	48	0	0	
2:30	56	0.0028861	2.8860819	2:30	63	0	0	2:30	N/A	0.0103093	10.309321	2:30	48	0	0	
2:45	56	0.0029996	2.9995738	2:45	63	0	0	2:45	N/A	0.0106218	10.621768	2:45	48	0	0	
3:00	56	0.0027124	2.7124376	3:00	63	0	0	3:00	N/A	0.0087761	8.7761145	3:00	48	0	0	
3:15	56	0.0021008	2.1007507	3:15	63	0	0	3:15	N/A	0.0080014	8.0140043	3:15	48	0	0	
3:30	56	0.0014844	1.4843763	3:30	63	0	0	3:30	N/A	0.0077819	7.7818523	3:30	48	0	0	
3:45	56	0.0020811	2.0811303	3:45	63	0	0	3:45	N/A	0.008162	8.1620287	3:45	48	0	0	
4:00	56	0.0017433	1.7433034	4:00	63	0	0	4:00	N/A	0.0081463	8.1462654	4:00	48	0	0	
4:15	56	0.0016699	1.6699162	4:15	63	0	0	4:15	N/A	0.0066672	6.6672055	4:15	48	0	0	
4:30	56	0.0005881	0.588051	4:30	63	0	0	4:30	N/A	0.0056939	5.6938916	4:30	48	0	0	
4:45	56	0.0002562	0.2562198	4:45	63	0	0	4:45	N/A	0.0053686	5.3685557	4:45	48	0	0	
5:00	56	5.581E-05	0.0558104	5:00	63	0	0	5:00	N/A	0.0051308	5.1308215	5:00	48	0	0	
5:15	56	0	0	5:15	63	0	0	5:15	N/A	0.0057761	5.776091	5:15	48	0	0	
5:30	56	0	0	5:30	63	0	0	5:30	N/A	0.0066066	6.6066306	5:30	48	0	0	
5:45	56	0	0	5:45	63	0	0	5:45	N/A	0.0096819	9.6819321	5:45	48	0	0	
6:00	56	0	0	6:00	63	0	0	6:00	N/A	0.0113462	11.346231	6:00	48	0	0	
6:15	56	0	0	6:15	63	0	0	6:15	N/A	0.0090573	9.0573012	6:15	48	0	0	
6:30	56	0	0	6:30	63	0	0	6:30	N/A	0.0088734	8.8734325	6:30	48	0	0	
6:45	56	0.0002322	0.2321829	6:45	63	0	0	6:45	N/A	0.0111051	11.105051	6:45	48	0	0	
7:00	56	9.436E-05	0.0943562	7:00	63	0	0	7:00	N/A	0.0127222	12.722169	7:00	48	0	0	
7:15	56	0	0	7:15	63	0	0	7:15	N/A	0.0128326	12.832585	7:15	48	0	0	
7:30	56	0.0001991	0.1990537	7:30	63	0	0	7:30	N/A	0.013382	13.381993	7:30	48	0	0	
7:45	56	0.0001215	0.1215106	7:45	63	0	0	7:45	N/A	0.0137235	13.723458	7:45	48	0	0	
8:00	56	1.65E-05	0.0165043	8:00	63	0	0	8:00	N/A	0.0129866	12.986568	8:00	48	0	0	
8:15	56	0	0	8:15	63	0	0	8:15	N/A	0.0126592	12.659221	8:15	48	0	0	
8:30	56	0	0	8:30	63	0	0	8:30	N/A	0.012736	12.736044	8:30	48	0	0	
8:45	56	0	0	8:45	63	0	0	8:45	N/A	0.0133079	13.30786	8:45	48	0	0	
9:00	56	0	0	9:00	63	0	0	9:00	N/A	0.0140326	14.03265	9:00	48	0	0	
9:15	56	0	0	9:15	63	0	0	9:15	N/A	0.0125678	12.567772	9:15	48	0	0	
9:30	56	0	0	9:30	63	0	0	9:30	N/A	0.0083749	8.3749491	9:30	48	0	0	
9:45	56	0	0	9:45	63	0	0	9:45	N/A	0.0064472	6.4471601	9:45	48	0	0	
10:00	56	0	0	10:00	63	0	0	10:00	N/A	0.0062781	6.2781333	10:00	48	0	0	
10:15	56	0	0	10:15	63	0	0	10:15	N/A	0.0083637	8.3636724	10:15	48	0	0	
10:30	56	0	0	10:30	63	0	0	10:30	N/A	0.0112722	11.272218	10:30	48	0	0	

10:45	56	0	0	10:45	63	0	0	10:45	N/A	0.0061633	6.1632851	10:45	48	0	0
11:00	56	0	0	11:00	63	0	0	11:00	N/A	0.0029429	2.9429489	11:00	48	0	0
11:15	56	0	0	11:15	63	0	0	11:15	N/A	0.0044868	4.4868144	11:15	48	0	0
11:30	56	0	0	11:30	63	0	0	11:30	N/A	0.0045488	4.5487746	11:30	48	0	0
11:45	56	0	0	11:45	63	0	0	11:45	N/A	0	0	11:45	48	0	0
12:00	56	0	0	12:00	63	0	0	12:00	N/A	0.0023569	2.3569445	12:00	48	0	0
12:15	56	0	0	12:15	63	0	0	12:15	N/A	0.0029666	2.9665965	12:15	48	0	0
12:30	56	0	0	12:30	63	0	0	12:30	N/A	0.0003171	0.3171287	12:30	48	0	0
12:45	56	0	0	12:45	63	0	0	12:45	N/A	0.000639	0.6390263	12:45	48	0	0
13:00	56	0	0	13:00	63	5.127E-06	0.0051268	13:00	N/A	0.0003396	0.3396465	13:00	48	0	0
13:15	56	0	0	13:15	63	0.0001103	0.1102504	13:15	N/A	0.0007533	0.7532505	13:15	48	0	0
13:30	56	0	0	13:30	63	0	0	13:30	N/A	0.0038762	3.8761736	13:30	48	0	0
13:45	56	0	0	13:45	63	0	0	13:45	N/A	0.0041088	4.1087649	13:45	48	0	0
14:00	56	0	0	14:00	63	0.0001823	0.1822907	14:00	N/A	0	0	14:00	48	0	0
14:15	56	0	0	14:15	63	0.0003826	0.3826168	14:15	N/A	0	0	14:15	48	0	0
14:30	56	0	0	14:30	63	0.0006335	0.6335295	14:30	N/A	0.0016398	1.6397844	14:30	48	0	0
14:45	56	0	0	14:45	63	0.0005506	0.5506265	14:45	N/A	0.0025402	2.5402346	14:45	48	0	0
15:00	56	0	0	15:00	63	4.877E-05	0.0487699	15:00	N/A	0.0004021	0.402077	15:00	48	0	0
15:15	56	0	0	15:15	63	0	0	15:15	N/A	0.0006589	0.6589218	15:15	48	0	0
15:30	56	0	0	15:30	63	0	0	15:30	N/A	0.0027702	2.7702107	15:30	48	0	0
15:45	56	0	0	15:45	63	0	0	15:45	N/A	0.0035294	3.5293535	15:45	48	0	0
16:00	56	0	0	16:00	63	0.0001305	0.1304504	16:00	N/A	0.0010249	1.0249133	16:00	48	0	0
16:15	56	0	0	16:15	63	3.326E-06	0.0033261	16:15	N/A	0.0001822	0.1821548	16:15	48	0	0
16:30	56	0	0	16:30	63	0	0	16:30	N/A	0	0	16:30	48	0	0
16:45	56	0	0	16:45	63	7.973E-05	0.0797264	16:45	N/A	8.542E-05	0.0854199	16:45	48	0	0
17:00	56	0	0	17:00	63	1.362E-05	0.0136186	17:00	N/A	0.0002122	0.2121966	17:00	48	0	0
17:15	56	0	0	17:15	63	0.000189	0.1889672	17:15	N/A	6.806E-05	0.0680617	17:15	48	0	0
17:30	56	0	0	17:30	63	0.0010736	1.0735642	17:30	N/A	0.0004675	0.4675267	17:30	48	7.135E-05	0.0713476
17:45	56	0	0	17:45	63	0.000103	0.1030183	17:45	N/A	0.0008527	0.8527169	17:45	48	2.039E-05	0.0203914
18:00	56	0	0	18:00	63	0	0	18:00	N/A	0	0	18:00	48	0	0
18:15	56	0	0	18:15	63	0.0021176	2.1175657	18:15	N/A	0	0	18:15	48	0.0008384	0.8384009
18:30	56	0	0	18:30	63	0.0012461	1.246073	18:30	N/A	0	0	18:30	48	0.0011114	1.1114242
18:45	56	0	0	18:45	63	0.0035037	3.5036678	18:45	N/A	0	0	18:45	48	0.0019788	1.978805
19:00	56	0	0	19:00	63	0.0042881	4.2880728	19:00	N/A	0	0	19:00	48	0.0023584	2.3584194
19:15	56	0	0	19:15	63	0.0035546	3.5545627	19:15	N/A	0	0	19:15	48	0.0011984	1.1984463
19:30	56	0	0	19:30	63	0.0005292	0.5292494	19:30	N/A	0	0	19:30	48	0.0002091	0.2090703
19:45	56	0	0	19:45	63	0.001315	1.3149715	19:45	N/A	0	0	19:45	48	0.0010593	1.0593174
20:00	56	0	0	20:00	63	0.0007115	0.7114629	20:00	N/A	0	0	20:00	48	0.0005297	0.5296807
20:15	56	0	0	20:15	63	0.0025696	2.5695778	20:15	N/A	0	0	20:15	48	0.0005178	0.5177888
20:30	56	0	0	20:30	63	0.0043043	4.3042743	20:30	N/A	0	0	20:30	48	0.0006529	0.652871
20:45	56	0	0	20:45	63	0.0023919	2.3918811	20:45	N/A	0.0013408	1.3407789	20:45	48	0.0002324	0.2324105
21:00	56	0	0	21:00	63	0.0004431	0.4431077	21:00	N/A	0.0069947	6.9946982	21:00	48	8.31E-06	0.0083099
21:15	56	0	0	21:15	63	0	0	21:15	N/A	0.0124234	12.423383	21:15	48	0	0
21:30	56	0	0	21:30	63	0.0024243	2.4243317	21:30	N/A	0.0046947	4.6947426	21:30	48	0.0004338	0.4338421
21:45	56	0	0	21:45	63	0.0050821	5.0821365	21:45	N/A	0	0	21:45	48	0.0011549	1.1548896
22:00	56	0	0	22:00	63	0.0056075	5.6074712	22:00	N/A	0	0	22:00	48	0.0016553	1.6553288
22:15	56	0	0	22:15	63	0.0054506	5.4506187	22:15	N/A	0	0	22:15	48	0.0012966	1.2966281
22:30	56	0	0	22:30	63	0.0055723	5.5722659	22:30	N/A	0	0	22:30	48	0.0009176	0.9175628
22:45	56	0	0	22:45	63	0.0059062	5.9062232	22:45	N/A	0	0	22:45	48	0.0009655	0.965509
23:00	56	0	0	23:00	63	0.0059538	5.9537625	23:00	N/A	0	0	23:00	48	0.000959	0.9590151
23:15	56	0	0	23:15	63	0.0055128	5.5128153	23:15	N/A	0	0	23:15	48	0.0007629	0.7629186
23:30	56	0	0	23:30	63	0.005531	5.5310013	23:30	N/A	0	0	23:30	48	0.0007228	0.7227719
23:45	56	0	0	23:45	63	0.0053253	5.3253479	23:45	N/A	0	0	23:45	48	0.0005236	0.5236382



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

4/08/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/08/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/08/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/08/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0	0	0:00	63	0.0046534	4.6533532	0:00	N/A	0	0	0:00	48	0.0006328	0.6328176	
0:15	56	0	0	0:15	63	0.0043878	4.3877795	0:15	N/A	0	0	0:15	48	0.0004264	0.4264331	
0:30	56	0	0	0:30	63	0.0038315	3.8314723	0:30	N/A	0	0	0:30	48	5.173E-05	0.0517317	
0:45	56	0	0	0:45	63	0.0034927	3.4926781	0:45	N/A	0	0	0:45	48	8.524E-05	0.0852384	
1:00	56	0	0	1:00	63	0.0038318	3.8318149	1:00	N/A	0	0	1:00	48	5.907E-05	0.0590717	
1:15	56	0	0	1:15	63	0.0038864	3.8864077	1:15	N/A	0	0	1:15	48	3.709E-05	0.0370904	
1:30	56	0	0	1:30	63	0.0037262	3.7261575	1:30	N/A	0	0	1:30	48	0.0003493	0.3492649	
1:45	56	0	0	1:45	63	0.0032291	3.2290817	1:45	N/A	0	0	1:45	48	0.0004885	0.4884789	
2:00	56	0	0	2:00	63	0.0028308	2.8308144	2:00	N/A	0	0	2:00	48	0.0003823	0.3822647	
2:15	56	0	0	2:15	63	0.0031428	3.142841	2:15	N/A	0	0	2:15	48	0.0002876	0.2876373	
2:30	56	0	0	2:30	63	0.0026782	2.6782228	2:30	N/A	0	0	2:30	48	0.0003224	0.3224394	
2:45	56	0	0	2:45	63	0.0034143	3.4143476	2:45	N/A	0	0	2:45	48	0.000674	0.6740166	
3:00	56	0	0	3:00	63	0.0041947	4.19473	3:00	N/A	0	0	3:00	48	0.0011054	1.1054487	
3:15	56	0	0	3:15	63	0.0034507	3.4507399	3:15	N/A	0	0	3:15	48	0.0009054	0.9053638	
3:30	56	0	0	3:30	63	0.00232	2.3200293	3:30	N/A	0	0	3:30	48	0.0001727	0.1726661	
3:45	56	0	0	3:45	63	0.002	1.9999608	3:45	N/A	0	0	3:45	48	0	0	
4:00	56	0	0	4:00	63	0.00194	1.9400253	4:00	N/A	0	0	4:00	48	0	0	
4:15	56	0	0	4:15	63	0.0013364	1.3363981	4:15	N/A	0	0	4:15	48	0	0	
4:30	56	0	0	4:30	63	0.0006615	0.6614773	4:30	N/A	0	0	4:30	48	0	0	
4:45	56	0	0	4:45	63	0.0020303	2.0303081	4:45	N/A	0	0	4:45	48	0	0	
5:00	56	0	0	5:00	63	0.0026172	2.6171722	5:00	N/A	0	0	5:00	48	0	0	
5:15	56	0	0	5:15	63	0.0011072	1.1071813	5:15	N/A	0	0	5:15	48	5.771E-05	0.0577109	
5:30	56	0	0	5:30	63	0.0006039	0.6038591	5:30	N/A	0	0	5:30	48	8.487E-05	0.0848732	
5:45	56	0	0	5:45	63	0.0004989	0.4989257	5:45	N/A	0	0	5:45	48	0	0	
6:00	56	0	0	6:00	63	0	0	6:00	N/A	0	0	6:00	48	0	0	
6:15	56	0	0	6:15	63	0	0	6:15	N/A	0	0	6:15	48	0	0	
6:30	56	0	0	6:30	63	0	0	6:30	N/A	0	0	6:30	48	0	0	
6:45	56	0	0	6:45	63	0	0	6:45	N/A	0	0	6:45	48	0	0	
7:00	56	0	0	7:00	63	0	0	7:00	N/A	0	0	7:00	48	0	0	
7:15	56	0	0	7:15	63	0	0	7:15	N/A	0	0	7:15	48	0	0	
7:30	56	0	0	7:30	63	0	0	7:30	N/A	0	0	7:30	48	0	0	
7:45	56	0	0	7:45	63	0	0	7:45	N/A	0	0	7:45	48	0	0	
8:00	56	0	0	8:00	63	0	0	8:00	N/A	0	0	8:00	48	0	0	
8:15	56	0	0	8:15	63	0	0	8:15	N/A	0	0	8:15	48	0	0	
8:30	56	0	0	8:30	63	0	0	8:30	N/A	0	0	8:30	48	0	0	
8:45	56	0	0	8:45	63	0	0	8:45	N/A	0	0	8:45	48	0	0	
9:00	56	2.012E-06	0.0020123	9:00	63	0	0	9:00	N/A	0	0	9:00	48	0	0	
9:15	56	4.498E-05	0.0449824	9:15	63	0	0	9:15	N/A	0	0	9:15	48	0	0	
9:30	56	6.19E-05	0.0618992	9:30	63	0	0	9:30	N/A	0	0	9:30	48	0	0	
9:45	56	0.0006491	0.6490758	9:45	63	0	0	9:45	N/A	0	0	9:45	48	0	0	
10:00	56	0.0020635	2.0634752	10:00	63	0	0	10:00	N/A	0	0	10:00	48	0	0	
10:15	56	0.00301	3.0099707	10:15	63	0	0	10:15	N/A	0	0	10:15	48	0	0	
10:30	56	0.0036008	3.6008258	10:30	63	0	0	10:30	N/A	0	0	10:30	48	0	0	

10:45	56	0.005215	5.2149637	10:45	63	0	0	10:45	N/A	0	0	10:45	48	0	0	
11:00	56	0.0061469	6.1469276	11:00	63	0	0	11:00	N/A	0	0	11:00	48	0	0	
11:15	56	0.0067199	6.7198596	11:15	63	0	0	11:15	N/A	0	0	11:15	48	0	0	
11:30	56	0.0071596	7.1596286	11:30	63	0	0	11:30	N/A	0.000441	0.4410441	11:30	48	0	0	
11:45	56	0.0084936	8.4936084	11:45	63	0	0	11:45	N/A	0.001875	1.8750498	11:45	48	0	0	
12:00	56	0.0090875	9.0874503	12:00	63	0.000478	0.4780353	12:00	N/A	0	0	12:00	48	0	0	
12:15	56	0.0094287	9.4286838	12:15	63	0.0007874	0.7873715	12:15	N/A	0	0	12:15	48	0	0	
12:30	56	0.0095739	9.5738661	12:30	63	0.000415	0.4150074	12:30	N/A	0	0	12:30	48	0	0	
12:45	56	0.008447	8.4469727	12:45	63	0.0008301	0.8301348	12:45	N/A	0	0	12:45	48	0	0	
13:00	56	0.0104262	10.426242	13:00	63	0.0005064	0.5064001	13:00	N/A	0	0	13:00	48	0	0	
13:15	56	0.0092107	9.2107354	13:15	63	0.0013506	1.3505666	13:15	N/A	0	0	13:15	48	0	0	
13:30	56	0.0114504	11.450419	13:30	63	0.0009418	0.9417511	13:30	N/A	0	0	13:30	48	0	0	
13:45	56	0.0087811	8.7810815	13:45	63	0	0	13:45	N/A	0	0	13:45	48	0	0	
14:00	56	0.0089864	8.9863819	14:00	63	0	0	14:00	N/A	0	0	14:00	48	0	0	
14:15	56	0.0094916	9.4915941	14:15	63	0.0007412	0.7411641	14:15	N/A	0	0	14:15	48	0	0	
14:30	56	0.0061644	6.1644112	14:30	63	0.0018003	1.8002984	14:30	N/A	0.0024162	2.4161903	14:30	48	0	0	
14:45	56	0.0005187	0.5186632	14:45	63	0	0	14:45	N/A	0.0195512	19.551189	14:45	48	0	0	
15:00	56	0.0050325	5.0324629	15:00	63	4.214E-05	0.0421436	15:00	N/A	0.0088144	8.8143534	15:00	48	0	0	
15:15	56	0.0060328	6.0327687	15:15	63	0.0001121	0.1121451	15:15	N/A	0.007529	7.5290011	15:15	48	0	0	
15:30	56	0.0034054	3.405438	15:30	63	4.569E-05	0.0456864	15:30	N/A	0.0144641	14.464056	15:30	48	0	0	
15:45	56	0.0033198	3.319817	15:45	63	0	0	15:45	N/A	0.0220455	22.045546	15:45	48	0	0	
16:00	56	0.0031473	3.1472783	16:00	63	0	0	16:00	N/A	0.0505421	50.542139	16:00	48	0	0	
16:15	56	0.0004824	0.4823596	16:15	63	0	0	16:15	N/A	0.0573724	57.372381	16:15	48	0	0	
16:30	56	0.0027469	2.7468902	16:30	63	0.000428	0.4280179	16:30	N/A	0.0550447	55.044708	16:30	48	3.038E-06	0.0030375	
16:45	56	0.0045446	4.5446038	16:45	63	0.0018196	1.8195543	16:45	N/A	0.0144851	14.485112	16:45	48	6.079E-05	0.0607937	
17:00	56	0.0007506	0.7505939	17:00	63	0	0	17:00	N/A	0.0340867	34.086703	17:00	48	0	0	
17:15	56	0.0089971	8.9970944	17:15	63	0.001518	1.5179662	17:15	N/A	0.0098761	9.8760959	17:15	48	0.0001001	0.1000547	
17:30	56	0.0079768	7.9767782	17:30	63	0.0051064	5.1064452	17:30	N/A	0.0033846	3.3845543	17:30	48	0.0008607	0.860731	
17:45	56	0.0025438	2.5437799	17:45	63	0	0	17:45	N/A	0.0362461	36.246083	17:45	48	0	0	
18:00	56	0.0002368	0.2367649	18:00	63	0	0	18:00	N/A	0.0639496	63.949594	18:00	48	0	0	
18:15	56	0	0	18:15	63	0	0	18:15	N/A	0.0700629	70.062917	18:15	48	0	0	
18:30	56	0	0	18:30	63	0	0	18:30	N/A	0.0780303	78.030329	18:30	48	0	0	
18:45	56	0.0012085	1.2085197	18:45	63	0	0	18:45	N/A	0.0817232	81.723219	18:45	48	0	0	
19:00	56	0.0014591	1.4590762	19:00	63	0	0	19:00	N/A	0.0518327	51.832669	19:00	48	0	0	
19:15	56	0.0017858	1.7857687	19:15	63	0.0007682	0.7682436	19:15	N/A	0.0285787	28.578666	19:15	48	0	0	
19:30	56	0.0102945	10.294534	19:30	63	0.0042952	4.2951549	19:30	N/A	0	0	19:30	48	0	0	
19:45	56	0.0131417	13.141671	19:45	63	0.0041628	4.1627743	19:45	N/A	0	0	19:45	48	0	0	
20:00	56	0.011656	11.656045	20:00	63	0.0038084	3.8083867	20:00	N/A	0.0003547	0.3547171	20:00	48	0	0	
20:15	56	0.0080558	8.0558386	20:15	63	0.0003631	0.3630771	20:15	N/A	0.001774	1.7740268	20:15	48	0	0	
20:30	56	0.0087123	8.7123332	20:30	63	0.0007056	0.7055583	20:30	N/A	0.0001165	0.1164781	20:30	48	0	0	
20:45	56	0.0080974	8.0974297	20:45	63	0.0001053	0.105327	20:45	N/A	0.0005387	0.5387187	20:45	48	0	0	
21:00	56	0.006222	6.2220492	21:00	63	0	0	21:00	N/A	0	0	21:00	48	0	0	
21:15	56	0.0054199	5.4199108	21:15	63	0	0	21:15	N/A	0	0	21:15	48	0	0	
21:30	56	0.0052806	5.2806288	21:30	63	0	0	21:30	N/A	0	0	21:30	48	0	0	
21:45	56	0.0053141	5.3141338	21:45	63	0	0	21:45	N/A	0	0	21:45	48	0	0	
22:00	56	0.0057216	5.721597	22:00	63	0	0	22:00	N/A	0	0	22:00	48	0	0	
22:15	56	0.0060253	6.0253332	22:15	63	0	0	22:15	N/A	0	0	22:15	48	0	0	
22:30	56	0.0059566	5.956628	22:30	63	0	0	22:30	N/A	0	0	22:30	48	0	0	
22:45	56	0.0044004	4.400372	22:45	63	0	0	22:45	N/A	3.457E-05	0.0345738	22:45	48	0	0	
23:00	56	0.0043316	4.3315653	23:00	63	0	0	23:00	N/A	0.0003461	0.3460901	23:00	48	0	0	
23:15	56	0.0042508	4.2507998	23:15	63	1.61E-07	0.000161	23:15	N/A	0.0005984	0.5983653	23:15	48	0	0	
23:30	56	0.0051289	5.1289462	23:30	63	0.0001629	0.1628963	23:30	N/A	0	0	23:30	48	0	0	
23:45	56	0.0043313	4.3313331	23:45	63	8.441E-06	0.0084406	23:45	N/A	0	0	23:45	48	0	0	



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

4/09/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/09/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/09/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/09/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0037091	3.7090825	0:00	63	0.000188	0.187958	0:00	N/A	0	0	0:00	48	0	0	
0:15	56	0.002779	2.7789731	0:15	63	0.000147	0.1469603	0:15	N/A	0	0	0:15	48	0	0	
0:30	56	0.0028505	2.8504689	0:30	63	3.414E-06	0.0034145	0:30	N/A	0	0	0:30	48	0	0	
0:45	56	0.0038442	3.84415	0:45	63	2.735E-05	0.027355	0:45	N/A	0	0	0:45	48	0	0	
1:00	56	0.0029048	2.9048355	1:00	63	0.0006002	0.6002467	1:00	N/A	0	0	1:00	48	0	0	
1:15	56	0.0025675	2.5674806	1:15	63	0.0002705	0.2705288	1:15	N/A	3.433E-05	0.0343254	1:15	48	0	0	
1:30	56	0.0017326	1.7325724	1:30	63	0.0003233	0.3233397	1:30	N/A	0.0006859	0.6858574	1:30	48	0	0	
1:45	56	0.0005777	0.5776891	1:45	63	4.532E-05	0.0453205	1:45	N/A	0	0	1:45	48	0	0	
2:00	56	0.0001259	0.1258638	2:00	63	8.975E-07	0.0008975	2:00	N/A	0	0	2:00	48	0	0	
2:15	56	0	0	2:15	63	0	0	2:15	N/A	0	0	2:15	48	0	0	
2:30	56	0	0	2:30	63	1.879E-08	1.879E-05	2:30	N/A	0	0	2:30	48	0	0	
2:45	56	0	0	2:45	63	1.984E-05	0.0198383	2:45	N/A	0	0	2:45	48	0	0	
3:00	56	0	0	3:00	63	5.759E-07	0.0005759	3:00	N/A	0	0	3:00	48	0	0	
3:15	56	0	0	3:15	63	0.0001118	0.1118099	3:15	N/A	0	0	3:15	48	0	0	
3:30	56	0	0	3:30	63	1.035E-05	0.0103456	3:30	N/A	0	0	3:30	48	0	0	
3:45	56	0	0	3:45	63	0.000181	0.1809982	3:45	N/A	0	0	3:45	48	0	0	
4:00	56	0	0	4:00	63	1.648E-05	0.0164834	4:00	N/A	7.081E-05	0.0708057	4:00	48	0	0	
4:15	56	0	0	4:15	63	0	0	4:15	N/A	0.0005725	0.5724547	4:15	48	0	0	
4:30	56	0	0	4:30	63	7.813E-05	0.0781275	4:30	N/A	5.249E-05	0.0524935	4:30	48	0	0	
4:45	56	0	0	4:45	63	7.626E-06	0.007626	4:45	N/A	0	0	4:45	48	0	0	
5:00	56	0	0	5:00	63	8.214E-05	0.0821395	5:00	N/A	0	0	5:00	48	0	0	
5:15	56	0	0	5:15	63	1.402E-05	0.0140239	5:15	N/A	0	0	5:15	48	0	0	
5:30	56	0	0	5:30	63	1.942E-05	0.019425	5:30	N/A	0	0	5:30	48	0	0	
5:45	56	0	0	5:45	63	1.896E-06	0.0018965	5:45	N/A	0	0	5:45	48	0	0	
6:00	56	0	0	6:00	63	7.225E-05	0.0722485	6:00	N/A	1.075E-06	0.0010746	6:00	48	0	0	
6:15	56	0	0	6:15	63	1.762E-05	0.0176242	6:15	N/A	0.0010995	1.0995249	6:15	48	0	0	
6:30	56	0	0	6:30	63	0.0002101	0.2100804	6:30	N/A	0.0002957	0.2957392	6:30	48	0	0	
6:45	56	0	0	6:45	63	3.87E-05	0.0386969	6:45	N/A	6.696E-05	0.0669608	6:45	48	0	0	
7:00	56	0	0	7:00	63	8.038E-05	0.080384	7:00	N/A	0	0	7:00	48	0	0	
7:15	56	0	0	7:15	63	2.116E-05	0.02116	7:15	N/A	0	0	7:15	48	0	0	
7:30	56	0	0	7:30	63	0	0	7:30	N/A	0	0	7:30	48	0	0	
7:45	56	0	0	7:45	63	0	0	7:45	N/A	2.131E-05	0.0213136	7:45	48	0	0	
8:00	56	0	0	8:00	63	0.0002576	0.2575883	8:00	N/A	0.0004807	0.4806775	8:00	48	0	0	
8:15	56	0	0	8:15	63	6.778E-05	0.0677782	8:15	N/A	0.0013057	1.3056833	8:15	48	0	0	
8:30	56	0	0	8:30	63	0	0	8:30	N/A	0.0012479	1.2478816	8:30	48	0	0	
8:45	56	0.000514	0.5139893	8:45	63	0	0	8:45	N/A	0.0005231	0.5231489	8:45	48	0	0	
9:00	56	0.001158	1.1579523	9:00	63	0	0	9:00	N/A	0.0003236	0.3236253	9:00	48	0	0	
9:15	56	0.0009518	0.9518452	9:15	63	0	0	9:15	N/A	0.0016664	1.6663869	9:15	48	0	0	
9:30	56	0.0010117	1.0116966	9:30	63	0	0	9:30	N/A	0.0018651	1.8650827	9:30	48	0	0	
9:45	56	0.0015309	1.5309177	9:45	63	0	0	9:45	N/A	0.0011589	1.1589461	9:45	48	0	0	
10:00	56	0.003577	3.576998	10:00	63	0	0	10:00	N/A	0	0	10:00	48	0	0	
10:15	56	0.0050883	5.0883208	10:15	63	0	0	10:15	N/A	0	0	10:15	48	0	0	
10:30	56	0.0054885	5.4884696	10:30	63	0	0	10:30	N/A	0	0	10:30	48	0	0	

10:45	56	0.0060177	6.0176882	10:45	63	0	0	10:45	N/A	6.938E-05	0.0693789	10:45	48	0	0
11:00	56	0.0059271	5.9270947	11:00	63	0	0	11:00	N/A	0.0014911	1.4910931	11:00	48	0	0
11:15	56	0.00589	5.8900421	11:15	63	0	0	11:15	N/A	0	0	11:15	48	0	0
11:30	56	0.0064202	6.4201911	11:30	63	0	0	11:30	N/A	0	0	11:30	48	0	0
11:45	56	0.0064089	6.4088975	11:45	63	0	0	11:45	N/A	0	0	11:45	48	0	0
12:00	56	0.0069054	6.9053999	12:00	63	0	0	12:00	N/A	0	0	12:00	48	0	0
12:15	56	0.0067157	6.7157054	12:15	63	0	0	12:15	N/A	0	0	12:15	48	0	0
12:30	56	0.0060482	6.0482492	12:30	63	0	0	12:30	N/A	1.4E-06	0.0014002	12:30	48	0	0
12:45	56	0.0054782	5.478219	12:45	63	0	0	12:45	N/A	0.0014721	1.4720564	12:45	48	0	0
13:00	56	0.0037802	3.7801649	13:00	63	0	0	13:00	N/A	0.0013573	1.3572597	13:00	48	0	0
13:15	56	0.0043244	4.3244014	13:15	63	0	0	13:15	N/A	3.554E-05	0.0355353	13:15	48	0	0
13:30	56	0.0041137	4.1136773	13:30	63	0	0	13:30	N/A	0.0043219	4.3218726	13:30	48	0	0
13:45	56	0.002958	2.958003	13:45	63	0	0	13:45	N/A	0.0001025	0.1025127	13:45	48	0	0
14:00	56	0.0039444	3.9444325	14:00	63	0	0	14:00	N/A	0	0	14:00	48	0	0
14:15	56	0.0034442	3.4442316	14:15	63	0	0	14:15	N/A	0.0052112	5.2111909	14:15	48	0	0
14:30	56	0.0057798	5.7797661	14:30	63	0	0	14:30	N/A	0.0001346	0.1345533	14:30	48	0	0
14:45	56	0.0034387	3.4386909	14:45	63	0	0	14:45	N/A	0.0021151	2.1150869	14:45	48	0	0
15:00	56	0.0007797	0.7797404	15:00	63	0	0	15:00	N/A	0.0110826	11.082575	15:00	48	0	0
15:15	56	0.0027468	2.7468374	15:15	63	0	0	15:15	N/A	0.0114367	11.436733	15:15	48	0	0
15:30	56	0.0015868	1.5867529	15:30	63	0	0	15:30	N/A	0.0071077	7.1077098	15:30	48	0	0
15:45	56	0.0015362	1.5361721	15:45	63	0.0002262	0.2261889	15:45	N/A	0.0043586	4.3585523	15:45	48	0	0
16:00	56	0.0008989	0.8988805	16:00	63	0.0004047	0.4047028	16:00	N/A	0.0099829	9.9828588	16:00	48	0	0
16:15	56	0.0046788	4.6788335	16:15	63	0.0014984	1.4984349	16:15	N/A	0.0009031	0.9030818	16:15	48	1.434E-05	0.0143449
16:30	56	0.0078402	7.8401512	16:30	63	0.0016627	1.6627358	16:30	N/A	0.0039897	3.9897288	16:30	48	1.793E-05	0.0179334
16:45	56	0.0007768	0.7768483	16:45	63	0.0007723	0.7723487	16:45	N/A	0.0032343	3.2343367	16:45	48	0	0
17:00	56	0.0002152	0.215186	17:00	63	0.0002155	0.2155218	17:00	N/A	0.0125977	12.597745	17:00	48	0	0
17:15	56	0.0015015	1.5014774	17:15	63	0.0022322	2.2321747	17:15	N/A	0.0011408	1.1407881	17:15	48	0	0
17:30	56	0.0024985	2.4984832	17:30	63	0.0037368	3.7368168	17:30	N/A	0.001169	1.1690262	17:30	48	0	0
17:45	56	0.0009185	0.9184561	17:45	63	0.0026437	2.6437292	17:45	N/A	0.0137345	13.734489	17:45	48	0	0
18:00	56	0.0017045	1.7044836	18:00	63	0.0043147	4.3147496	18:00	N/A	0.0112624	11.262392	18:00	48	2.69E-05	0.0268968
18:15	56	0.0045791	4.5791446	18:15	63	0.0066935	6.6934854	18:15	N/A	0.0031725	3.1725235	18:15	48	0.0001526	0.1526393
18:30	56	0.0039148	3.9147903	18:30	63	0.0076911	7.6911115	18:30	N/A	0.0012748	1.2748377	18:30	48	0.0003077	0.3077177
18:45	56	0.0068149	6.8148657	18:45	63	0.0115046	11.504555	18:45	N/A	3.217E-05	0.0321743	18:45	48	0.0010271	1.0270603
19:00	56	0.0055318	5.5317947	19:00	63	0.0103767	10.376662	19:00	N/A	0.003459	3.4590208	19:00	48	0.0014378	1.4377915
19:15	56	0.0020072	2.0071819	19:15	63	0.0072688	7.2688	19:15	N/A	0.0011722	1.172168	19:15	48	0.0002061	0.2061428
19:30	56	0.0063189	6.3189143	19:30	63	0.0103992	10.399219	19:30	N/A	2.179E-05	0.0217872	19:30	48	0.0008677	0.8676749
19:45	56	0.0073651	7.3651057	19:45	63	0.0097703	9.7702772	19:45	N/A	0	0	19:45	48	0.0015996	1.5996261
20:00	56	0.0063704	6.3703783	20:00	63	0.0062208	6.2208435	20:00	N/A	0	0	20:00	48	0.0014945	1.4944646
20:15	56	0.0079886	7.9886093	20:15	63	0.00391	3.9100104	20:15	N/A	0	0	20:15	48	0.0011655	1.1654966
20:30	56	0.0056967	5.6967258	20:30	63	0.0020092	2.009226	20:30	N/A	0	0	20:30	48	0.0009975	0.9975059
20:45	56	0.0031266	3.1266323	20:45	63	1.231E-05	0.0123145	20:45	N/A	0	0	20:45	48	0	0
21:00	56	0.0032013	3.2013152	21:00	63	0	0	21:00	N/A	0	0	21:00	48	0	0
21:15	56	0.004861	4.8609912	21:15	63	0	0	21:15	N/A	0	0	21:15	48	0	0
21:30	56	0.0028575	2.8575334	21:30	63	0	0	21:30	N/A	0	0	21:30	48	0	0
21:45	56	0.0045456	4.5455519	21:45	63	0	0	21:45	N/A	0.0002306	0.230572	21:45	48	0	0
22:00	56	0.0022719	2.2719316	22:00	63	0	0	22:00	N/A	0.0004084	0.4083812	22:00	48	0	0
22:15	56	0.0013071	1.3070969	22:15	63	0	0	22:15	N/A	0.0011418	1.1417889	22:15	48	0	0
22:30	56	2.789E-05	0.0278906	22:30	63	0	0	22:30	N/A	0.0014256	1.4255754	22:30	48	2.057E-05	0.0205747
22:45	56	0.0006264	0.6264435	22:45	63	0	0	22:45	N/A	0.0007594	0.7593621	22:45	48	6.361E-05	0.0636091
23:00	56	0.0005951	0.5951017	23:00	63	0	0	23:00	N/A	0.0019431	1.943114	23:00	48	0	0
23:15	56	0.0008709	0.8709279	23:15	63	0	0	23:15	N/A	0.0026168	2.6168285	23:15	48	0	0
23:30	56	0.0012575	1.2575086	23:30	63	0	0	23:30	N/A	0.0032921	3.2920579	23:30	48	0	0
23:45	56	0.0027206	2.7206017	23:45	63	0	0	23:45	N/A	0.0045467	4.5467036	23:45	48	0	0



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

4/10/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/10/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/10/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/10/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0012844	1.2844382	0:00	63	0	0	0:00	N/A	0.0051215	5.1214966	0:00	48	0	0	
0:15	56	2.901E-05	0.0290106	0:15	63	0	0	0:15	N/A	0.0055645	5.5644715	0:15	48	0	0	
0:30	56	0	0	0:30	63	0	0	0:30	N/A	0.0057033	5.7033352	0:30	48	1.16E-05	0.0116001	
0:45	56	0	0	0:45	63	0	0	0:45	N/A	0.0043814	4.3813827	0:45	48	5.365E-05	0.0536498	
1:00	56	0	0	1:00	63	0	0	1:00	N/A	0.0038861	3.88606	1:00	48	0	0	
1:15	56	0	0	1:15	63	0	0	1:15	N/A	0.0034578	3.4577669	1:15	48	0	0	
1:30	56	0	0	1:30	63	0	0	1:30	N/A	0.0037358	3.7357571	1:30	48	0	0	
1:45	56	0	0	1:45	63	0	0	1:45	N/A	0.0036401	3.6400719	1:45	48	1.491E-05	0.0149131	
2:00	56	0	0	2:00	63	0	0	2:00	N/A	0.0031043	3.1042904	2:00	48	6.905E-05	0.069047	
2:15	56	0	0	2:15	63	0	0	2:15	N/A	0.0037371	3.7371022	2:15	48	0	0	
2:30	56	0	0	2:30	63	0	0	2:30	N/A	0.0041124	4.112402	2:30	48	0	0	
2:45	56	0	0	2:45	63	0	0	2:45	N/A	0.0043989	4.3988912	2:45	48	0	0	
3:00	56	0	0	3:00	63	0	0	3:00	N/A	0.0049374	4.9374175	3:00	48	0	0	
3:15	56	0	0	3:15	63	0	0	3:15	N/A	0.0045085	4.5085171	3:15	48	0	0	
3:30	56	0	0	3:30	63	0	0	3:30	N/A	0.0036844	3.6844401	3:30	48	0	0	
3:45	56	0	0	3:45	63	0	0	3:45	N/A	0.0036532	3.6531945	3:45	48	0	0	
4:00	56	0	0	4:00	63	0	0	4:00	N/A	0.0038353	3.8353199	4:00	48	0	0	
4:15	56	0	0	4:15	63	0	0	4:15	N/A	0.0034872	3.4872415	4:15	48	0	0	
4:30	56	0	0	4:30	63	0	0	4:30	N/A	0.0026424	2.6424304	4:30	48	0	0	
4:45	56	0	0	4:45	63	0	0	4:45	N/A	0.0020518	2.0518038	4:45	48	0	0	
5:00	56	0	0	5:00	63	0	0	5:00	N/A	0.0017447	1.7447182	5:00	48	0	0	
5:15	56	0	0	5:15	63	0	0	5:15	N/A	0.001054	1.0539654	5:15	48	0	0	
5:30	56	0	0	5:30	63	0	0	5:30	N/A	0.0010748	1.0748281	5:30	48	0	0	
5:45	56	0	0	5:45	63	0	0	5:45	N/A	0.0013558	1.3558478	5:45	48	0	0	
6:00	56	0	0	6:00	63	0	0	6:00	N/A	0.0016893	1.6892977	6:00	48	0	0	
6:15	56	0	0	6:15	63	0	0	6:15	N/A	0.0018799	1.8799336	6:15	48	0	0	
6:30	56	0	0	6:30	63	0	0	6:30	N/A	0.0018973	1.8972771	6:30	48	0	0	
6:45	56	0	0	6:45	63	0	0	6:45	N/A	0.002596	2.5960253	6:45	48	0	0	
7:00	56	0	0	7:00	63	0	0	7:00	N/A	0.0034013	3.4013381	7:00	48	0	0	
7:15	56	0	0	7:15	63	0.0002082	0.2082316	7:15	N/A	0.0029954	2.9953509	7:15	48	3.492E-06	0.0034916	
7:30	56	0	0	7:30	63	0.0010491	1.0491211	7:30	N/A	0.0047919	4.7919317	7:30	48	7.877E-05	0.0787741	
7:45	56	0	0	7:45	63	7.76E-05	0.0775956	7:45	N/A	0.0069723	6.9723256	7:45	48	0.0009377	0.9377072	
8:00	56	0	0	8:00	63	0.0001117	0.1116594	8:00	N/A	0.0116217	11.62166	8:00	48	0.0019579	1.9579154	
8:15	56	0	0	8:15	63	0	0	8:15	N/A	0.0133664	13.366394	8:15	48	0.0018896	1.8896263	
8:30	56	0	0	8:30	63	0	0	8:30	N/A	0.0114962	11.496182	8:30	48	0.0028802	2.8802277	
8:45	56	0	0	8:45	63	0	0	8:45	N/A	0.011395	11.394958	8:45	48	0.0008477	0.8477359	
9:00	56	0	0	9:00	63	0	0	9:00	N/A	0.0106462	10.646223	9:00	48	0.0022209	2.2208747	
9:15	56	1.762E-05	0.0176223	9:15	63	0	0	9:15	N/A	0.0127899	12.789858	9:15	48	0.0009666	0.9666331	
9:30	56	0.0002414	0.2414044	9:30	63	0	0	9:30	N/A	0.0192028	19.202781	9:30	48	2.171E-05	0.021713	
9:45	56	0.0006491	0.6490502	9:45	63	0	0	9:45	N/A	0.0553407	55.340659	9:45	48	0	0	
10:00	56	0.0006485	0.6485435	10:00	63	0	0	10:00	N/A	0.0306158	30.615786	10:00	48	0	0	
10:15	56	0.0012227	1.2227117	10:15	63	0	0	10:15	N/A	0.0158811	15.881088	10:15	48	0	0	
10:30	56	0.0004238	0.423813	10:30	63	0	0	10:30	N/A	0.0195433	19.543329	10:30	48	0	0	

10:45	56	0	0	10:45	63	0	0	10:45	N/A	0.010656	10.655956	10:45	48	0	0
11:00	56	0	0	11:00	63	0	0	11:00	N/A	0.0074573	7.4573406	11:00	48	0	0
11:15	56	0	0	11:15	63	0	0	11:15	N/A	0.0195725	19.572477	11:15	48	0	0
11:30	56	0	0	11:30	63	0	0	11:30	N/A	0.0170011	17.001062	11:30	48	0	0
11:45	56	0.004357	4.3569508	11:45	63	0	0	11:45	N/A	0.0033929	3.3929011	11:45	48	0	0
12:00	56	0.0068888	6.8887557	12:00	63	0	0	12:00	N/A	0	0	12:00	48	0	0
12:15	56	0.008673	8.6729772	12:15	63	1.274E-07	0.0001274	12:15	N/A	0	0	12:15	48	0	0
12:30	56	0.0112679	11.26787	12:30	63	0.0001347	0.1346611	12:30	N/A	0	0	12:30	48	0.0005044	0.504412
12:45	56	0.0089837	8.9837167	12:45	63	0.0001468	0.1468164	12:45	N/A	0.0548383	54.83834	12:45	48	0.0005361	0.5360661
13:00	56	0.0051814	5.1814034	13:00	63	0	0	13:00	N/A	0.0395375	39.537535	13:00	48	8.02E-05	0.0802047
13:15	56	0.009786	9.7859784	13:15	63	0	0	13:15	N/A	0.0779345	77.934504	13:15	48	0	0
13:30	56	0.0081659	8.1658546	13:30	63	0	0	13:30	N/A	0.037787	37.786968	13:30	48	0	0
13:45	56	0.0032311	3.2310559	13:45	63	2.082E-07	0.0002082	13:45	N/A	0.0304731	30.473085	13:45	48	0	0
14:00	56	0.0075714	7.5714488	14:00	63	0.0002222	0.2221869	14:00	N/A	0.0541275	54.127454	14:00	48	0	0
14:15	56	0.0077375	7.7375393	14:15	63	5.275E-06	0.0052753	14:15	N/A	0.0653812	65.381196	14:15	48	0	0
14:30	56	0.0045748	4.5748071	14:30	63	0.0005446	0.5446421	14:30	N/A	0.0481437	48.143696	14:30	48	0	0
14:45	56	0.012631	12.630992	14:45	63	0.0020454	2.0454017	14:45	N/A	0.0142595	14.25946	14:45	48	0.0001243	0.1242722
15:00	56	0.0183044	18.304373	15:00	63	0.0080497	8.0497294	15:00	N/A	0.0017121	1.7121212	15:00	48	0.0018529	1.8529397
15:15	56	0.0180187	18.018661	15:15	63	0.0016795	1.6794786	15:15	N/A	0.0118255	11.825477	15:15	48	0.0005193	0.5193314
15:30	56	0.0222523	22.252275	15:30	63	0.0066212	6.6212403	15:30	N/A	0.0043713	4.3713049	15:30	48	0.0002497	0.2497037
15:45	56	0.0293397	29.339666	15:45	63	0.0116435	11.643505	15:45	N/A	0	0	15:45	48	0.0024665	2.4665407
16:00	56	0.0307743	30.774272	16:00	63	0.0109675	10.967541	16:00	N/A	0	0	16:00	48	0.0016451	1.6451181
16:15	56	0.0308671	30.8671	16:15	63	0.0130448	13.044783	16:15	N/A	0	0	16:15	48	0.0014054	1.4054196
16:30	56	0.0318835	31.883524	16:30	63	0.0167554	16.755425	16:30	N/A	0	0	16:30	48	0.0021922	2.1922499
16:45	56	0.0328808	32.88079	16:45	63	0.0203618	20.361807	16:45	N/A	0	0	16:45	48	0.0040301	4.0301314
17:00	56	0.0341789	34.17885	17:00	63	0.0208172	20.817176	17:00	N/A	0	0	17:00	48	0.0035173	3.5172835
17:15	56	0.0335388	33.538816	17:15	63	0.0228309	22.830872	17:15	N/A	0	0	17:15	48	0.0033682	3.3681539
17:30	56	0.0333381	33.338076	17:30	63	0.0277369	27.736948	17:30	N/A	0	0	17:30	48	0.0046703	4.6703015
17:45	56	0.0338715	33.871549	17:45	63	0.0298764	29.876391	17:45	N/A	0	0	17:45	48	0.004985	4.9850435
18:00	56	0.0314857	31.485739	18:00	63	0.0314965	31.496543	18:00	N/A	0	0	18:00	48	0.005343	5.343015
18:15	56	0.0281904	28.190393	18:15	63	0.0269781	26.978142	18:15	N/A	0	0	18:15	48	0.0019622	1.9622318
18:30	56	0.0292538	29.253785	18:30	63	0.0327044	32.704392	18:30	N/A	0	0	18:30	48	0.004375	4.3750224
18:45	56	0.0308516	30.85162	18:45	63	0.034272	34.271988	18:45	N/A	0	0	18:45	48	0.0058877	5.8876996
19:00	56	0.0304324	30.432412	19:00	63	0.0327232	32.723238	19:00	N/A	0	0	19:00	48	0.0046906	4.6905636
19:15	56	0.0292133	29.213344	19:15	63	0.0334356	33.435564	19:15	N/A	0	0	19:15	48	0.0054782	5.4781705
19:30	56	0.0251185	25.118504	19:30	63	0.0301348	30.134819	19:30	N/A	0	0	19:30	48	0.0034714	3.4713722
19:45	56	0.0209815	20.981523	19:45	63	0.0271772	27.177208	19:45	N/A	0	0	19:45	48	0.0011946	1.1946145
20:00	56	0.014505	14.505007	20:00	63	0.0174623	17.462287	20:00	N/A	0.0473401	47.340119	20:00	48	0.0002688	0.2687627
20:15	56	0.0129374	12.937355	20:15	63	0.0159303	15.930337	20:15	N/A	0.0236689	23.668877	20:15	48	6.396E-05	0.0639608
20:30	56	0.0151408	15.14079	20:30	63	0.0119013	11.90133	20:30	N/A	0	0	20:30	48	3.936E-05	0.0393631
20:45	56	0.0196906	19.690638	20:45	63	0.0067888	6.7887917	20:45	N/A	0	0	20:45	48	0	0
21:00	56	0.0176738	17.673764	21:00	63	0.0035369	3.5368557	21:00	N/A	0	0	21:00	48	0	0
21:15	56	0.0102461	10.246148	21:15	63	0.001913	1.9130299	21:15	N/A	0	0	21:15	48	0	0
21:30	56	0.0141168	14.116811	21:30	63	0.0007764	0.7764328	21:30	N/A	0	0	21:30	48	0	0
21:45	56	0.0143696	14.369587	21:45	63	0.0001649	0.1648636	21:45	N/A	0	0	21:45	48	0	0
22:00	56	0.0157771	15.777063	22:00	63	1.094E-05	0.0109352	22:00	N/A	0	0	22:00	48	0	0
22:15	56	0.0154751	15.475087	22:15	63	0	0	22:15	N/A	0	0	22:15	48	9.42E-05	0.0941963
22:30	56	0.0121414	12.141355	22:30	63	0	0	22:30	N/A	0	0	22:30	48	0.0003321	0.332137
22:45	56	0.0110008	11.000766	22:45	63	0	0	22:45	N/A	0	0	22:45	48	0.0001859	0.1858576
23:00	56	0.0124295	12.429481	23:00	63	0	0	23:00	N/A	0	0	23:00	48	0.0004794	0.4793801
23:15	56	0.0136932	13.693181	23:15	63	0	0	23:15	N/A	0	0	23:15	48	0.0004057	0.4057409
23:30	56	0.0106732	10.673203	23:30	63	0	0	23:30	N/A	0	0	23:30	48	0	0
23:45	56	0.0110144	11.014419	23:45	63	0	0	23:45	N/A	0	0	23:45	48	0	0



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	58	0	0	0	190
04	28	0	0	0	78

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)																
4/11/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/11/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/11/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/11/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0114332	11.433213	0:00	63	0	0	0:00	N/A	0	0	0:00	48	0	0	
0:15	56	0.0066571	6.657141	0:15	63	0	0	0:15	N/A	0	0	0:15	48	0	0	
0:30	56	0.0029985	2.9984785	0:30	63	0	0	0:30	N/A	0	0	0:30	48	0.0001528	0.1527814	
0:45	56	0.0023094	2.3093753	0:45	63	0	0	0:45	N/A	0	0	0:45	48	0.0001462	0.1461663	
1:00	56	0.0016515	1.6514743	1:00	63	0	0	1:00	N/A	0	0	1:00	48	0	0	
1:15	56	0.0012684	1.2683775	1:15	63	0	0	1:15	N/A	0	0	1:15	48	0	0	
1:30	56	0.001201	1.2009667	1:30	63	0	0	1:30	N/A	0	0	1:30	48	0	0	
1:45	56	0.0020017	2.0017475	1:45	63	0	0	1:45	N/A	0	0	1:45	48	0	0	
2:00	56	0.0017442	1.7442455	2:00	63	0	0	2:00	N/A	0	0	2:00	48	0	0	
2:15	56	0.00096	0.9600108	2:15	63	0	0	2:15	N/A	0	0	2:15	48	0.0001117	0.111732	
2:30	56	0.0007818	0.7817615	2:30	63	0	0	2:30	N/A	0	0	2:30	48	0.0001069	0.1068985	
2:45	56	0	0	2:45	63	0	0	2:45	N/A	0	0	2:45	48	0	0	
3:00	56	4.756E-05	0.0475572	3:00	63	0	0	3:00	N/A	0	0	3:00	48	0	0	
3:15	56	0.0001497	0.1497481	3:15	63	0	0	3:15	N/A	0	0	3:15	48	0	0	
3:30	56	9.838E-05	0.0983797	3:30	63	0	0	3:30	N/A	0	0	3:30	48	0	0	
3:45	56	0	0	3:45	63	0	0	3:45	N/A	0	0	3:45	48	0	0	
4:00	56	4.763E-05	0.047627	4:00	63	0	0	4:00	N/A	0	0	4:00	48	0	0	
4:15	56	0.0001472	0.1472354	4:15	63	0	0	4:15	N/A	0	0	4:15	48	0	0	
4:30	56	0	0	4:30	63	0	0	4:30	N/A	0	0	4:30	48	0	0	
4:45	56	0	0	4:45	63	0	0	4:45	N/A	0	0	4:45	48	0	0	
5:00	56	0	0	5:00	63	0	0	5:00	N/A	0	0	5:00	48	0	0	
5:15	56	0	0	5:15	63	0	0	5:15	N/A	0	0	5:15	48	0	0	
5:30	56	0	0	5:30	63	0	0	5:30	N/A	0	0	5:30	48	0	0	
5:45	56	0	0	5:45	63	0	0	5:45	N/A	0	0	5:45	48	0	0	
6:00	56	0	0	6:00	63	8.735E-05	0.087351	6:00	N/A	0	0	6:00	48	0	0	
6:15	56	0	0	6:15	63	0.0001496	0.1495534	6:15	N/A	0	0	6:15	48	0	0	
6:30	56	0	0	6:30	63	0.0004345	0.4345085	6:30	N/A	0	0	6:30	48	0	0	
6:45	56	0	0	6:45	63	0.0011502	1.1501518	6:45	N/A	0	0	6:45	48	0	0	
7:00	56	0	0	7:00	63	0.0015594	1.5593709	7:00	N/A	0	0	7:00	48	0	0	
7:15	56	0	0	7:15	63	0.0017555	1.7554911	7:15	N/A	0	0	7:15	48	0	0	
7:30	56	0	0	7:30	63	0.0016202	1.6202075	7:30	N/A	0	0	7:30	48	9.477E-06	0.0094765	

7:45	56	0	0	7:45	63	0.0014771	1.4770647	7:45	N/A	0	0	7:45	48	8.612E-05	0.0861197	
8:00	56	0	0	8:00	63	0.0020056	2.0055965	8:00	N/A	0.0079244	7.9244125	8:00	48	0.0001415	0.1415484	
8:15	56	0	0	8:15	63	0.0022956	2.2956274	8:15	N/A	0.0137997	13.799724	8:15	48	0.0004316	0.4315707	
8:30	56	0	0	8:30	63	0.0011529	1.1528754	8:30	N/A	0.0190921	19.09214	8:30	48	0.0009947	0.9946789	
8:45	56	0	0	8:45	63	0	0	8:45	N/A	0.0221912	22.191154	8:45	48	0	0	
9:00	56	0.0004483	0.4482715	9:00	63	0	0	9:00	N/A	0.0261517	26.151669	9:00	48	0	0	
9:15	56	0.0022421	2.242096	9:15	63	0.0004046	0.4046202	9:15	N/A	0.0268831	26.88307	9:15	48	3.234E-06	0.0032336	
9:30	56	0	0	9:30	63	0.0005951	0.5951015	9:30	N/A	0.027175	27.174965	9:30	48	9.116E-06	0.0091156	
9:45	56	0.0002674	0.2673734	9:45	63	0.0002311	0.2311336	9:45	N/A	0.0299253	29.925313	9:45	48	0	0	
10:00	56	0.0019792	1.9792458	10:00	63	0.000289	0.2889529	10:00	N/A	0.0342644	34.264416	10:00	48	0	0	
10:15	56	0.000365	0.3650349	10:15	63	0	0	10:15	N/A	0.0422299	42.229919	10:15	48	0	0	
10:30	56	0.0041445	4.1445374	10:30	63	0.000745	0.7450046	10:30	N/A	0.0442016	44.201647	10:30	48	0	0	
10:45	56	0.0105266	10.526573	10:45	63	0.0012272	1.2272025	10:45	N/A	0.0279953	27.995323	10:45	48	0	0	
11:00	56	0.0063058	6.3057858	11:00	63	0	0	11:00	N/A	0.0145867	14.586708	11:00	48	0	0	
11:15	56	0.0043323	4.3323164	11:15	63	0	0	11:15	N/A	0.0118043	11.804273	11:15	48	0	0	
11:30	56	0.0048884	4.8884445	11:30	63	0	0	11:30	N/A	0.010207	10.206953	11:30	48	0	0	
11:45	56	0.0053219	5.3218542	11:45	63	0	0	11:45	N/A	0.0088387	8.8386779	11:45	48	0	0	
12:00	56	0.0018087	1.8087445	12:00	63	0	0	12:00	N/A	0.0077007	7.7007466	12:00	48	0	0	
12:15	56	0.0043638	4.3637921	12:15	63	0	0	12:15	N/A	0.0052063	5.2062554	12:15	48	0	0	
12:30	56	0.0082488	8.2487636	12:30	63	0	0	12:30	N/A	0.0033521	3.3520981	12:30	48	0	0	
12:45	56	0.008904	8.9040404	12:45	63	0	0	12:45	N/A	0.003246	3.245968	12:45	48	0	0	
13:00	56	0.0097727	9.7726739	13:00	63	0	0	13:00	N/A	0.0041523	4.1522668	13:00	48	0	0	
13:15	56	0.0101903	10.190307	13:15	63	0	0	13:15	N/A	0.0044294	4.4293822	13:15	48	0	0	
13:30	56	0.0118921	11.892087	13:30	63	0	0	13:30	N/A	0.0044564	4.4563532	13:30	48	0	0	
13:45	56	0.0132441	13.24406	13:45	63	4.918E-05	0.0491779	13:45	N/A	0.004292	4.2919809	13:45	48	0	0	
14:00	56	0.0142272	14.227171	14:00	63	0.0002841	0.2841283	14:00	N/A	0.0045139	4.5138671	14:00	48	0	0	
14:15	56	0.0151008	15.100831	14:15	63	0.0005751	0.5751353	14:15	N/A	0.0050791	5.0790922	14:15	48	0	0	
14:30	56	0.0166601	16.666067	14:30	63	0.0008674	0.8673797	14:30	N/A	0.0051401	5.1401383	14:30	48	0	0	
14:45	56	0.017479	17.478996	14:45	63	0.0015482	1.548211	14:45	N/A	0.0051148	5.1147592	14:45	48	0	0	
15:00	56	0.0168158	16.815771	15:00	63	0.0016083	1.6082776	15:00	N/A	0.0057847	5.784742	15:00	48	0	0	
15:15	56	0.0166375	16.637549	15:15	63	0.001458	1.4579635	15:15	N/A	0.0062532	6.2531846	15:15	48	0	0	
15:30	56	0.0198671	19.867053	15:30	63	0.0027625	2.7624811	15:30	N/A	0.00734	7.3399582	15:30	48	4.759E-05	0.0475939	
15:45	56	0.0073408	7.3408194	15:45	63	0.0042464	4.2463933	15:45	N/A	0.0219173	21.917326	15:45	48	0.0003808	0.3807954	
16:00	56	0.0156637	15.6663689	16:00	63	0.0047447	4.7446707	16:00	N/A	0.0198621	19.862127	16:00	48	0	0	
16:15	56	0.0114192	11.419212	16:15	63	0.0027386	2.7385761	16:15	N/A	0.0109966	10.996635	16:15	48	0.0011749	1.1748634	
16:30	56	0.0128806	12.880641	16:30	63	0.0022234	2.2234362	16:30	N/A	0.0095277	9.5277385	16:30	48	0.0097596	9.7595946	
16:45	56	0.0154266	15.42658	16:45	63	0.0072675	7.2674959	16:45	N/A	0.0075366	7.5365899	16:45	48	0.0045241	4.5241314	
17:00	56	0.0107465	10.746538	17:00	63	0.0073897	7.389691	17:00	N/A	0.0159971	15.997145	17:00	48	0.0319276	31.927632	
17:15	56	0.0092781	9.2780672	17:15	63	0.0023683	2.3683474	17:15	N/A	0.021301	21.300977	17:15	48	0.0107242	10.724239	
17:30	56	0.000813	0.8130432	17:30	63	0.0030849	3.084892	17:30	N/A	0.0203479	20.347907	17:30	48	0.0120592	12.059226	
17:45	56	0.0079408	7.9407718	17:45	63	0.0056011	5.6010545	17:45	N/A	0.0178737	17.873669	17:45	48	0.0157372	15.737168	
18:00	56	0.005685	5.684956	18:00	63	0.0118944	11.894384	18:00	N/A	0.0159416	15.941631	18:00	48	0.0097612	9.7612212	
18:15	56	0.0026297	2.6296788	18:15	63	0.0027951	2.795146	18:15	N/A	0.0146197	14.619661	18:15	48	0.0214422	21.442239	
18:30	56	0.0083536	8.3535827	18:30	63	0.0068738	6.8738228	18:30	N/A	0.010234	10.234019	18:30	48	0.0342379	34.237898	
18:45	56	0.0030764	3.0763836	18:45	63	0.0046122	4.6122082	18:45	N/A	0.0179639	17.963929	18:45	48	0.0333738	33.373765	
19:00	56	0.0001774	0.177376	19:00	63	0	0	19:00	N/A	0.0259195	25.919471	19:00	48	0.0497837	49.78374	*See Field Investigation Below
19:15	56	3.341E-05	0.0334129	19:15	63	0.0001953	0.1952526	19:15	N/A	0.018985	18.984953	19:05	48	0.0435696	43.569601	*See Field Investigation Below
19:30	56	6.157E-06	0.0061572	19:30	63	0.0009033	0.9032796	19:30	N/A	0.0149066	14.906631	19:10	48	0.1125733	112.5733	*See Field Investigation Below
19:45	56	0	0	19:45	63	0	0	19:45	N/A	0.0147933	14.793287	19:15	48	0.0690925	69.092541	*See Field Investigation Below
20:00	56	0	0	20:00	63	6.344E-05	0.0634402	20:00	N/A	0.0123934	12.393425	19:20	48	0.08191	81.910007	*See Field Investigation Below
20:15	56	0.0023377	2.3377446	20:15	63	0.0015919	1.5919494	20:15	N/A	0.0132809	13.280893	19:25	48	0.0780997	78.099972	*See Field Investigation Below
20:30	56	0.0036713	3.6713012	20:30	63	0.0029729	2.9729313	20:30	N/A	0.0224086	22.408576	19:30	48	0.0142739	14.27394	
20:45	56	0.0034626	3.4625925	20:45	63	0.0034144	3.4143918	20:45	N/A	0.2616208	261.62076	19:35	48	0.0167355	16.735472	

21:00	56	0.0071449	7.1448655	21:00	63	0.0024333	2.4333242	21:00	N/A	0.2361631	236.16309	19:40	48	0.106541	106.54103	
21:05	56	0.052857	52.857045	21:15	63	0.0026263	2.6263228	21:15	N/A	0	0	19:45	48	0.0302765	30.276484	
21:10	56	0.0839945	83.994468	21:30	63	0.0001253	0.125297	21:30	N/A	0	0	20:00	48	0.0011564	1.1564232	* See Field Investigation Below
21:15	56	0.1284688	128.4688	21:45	63	0	0	21:45	N/A	0	0	20:15	48	0.0006445	0.6444685	* See Field Investigation Below
21:20	56	0.2943563	294.35631	22:00	63	0	0	22:00	N/A	0	0	20:30	48	0.0006485	0.6485012	* See Field Investigation Below
21:25	56	0.5501525	550.15253	22:15	63	0	0	22:15	N/A	0	0	20:45	48	0.0009588	0.9588146	* See Field Investigation Below
21:30	56	0.6330107	633.01068	22:30	63	0	0	22:30	N/A	0	0	21:00	48	0.0002685	0.2684772	* See Field Investigation Below
21:35	56	0.5501769	550.17688	22:45	63	0	0	22:45	N/A	0	0	21:15	48	0.0002755	0.2755267	* See Field Investigation Below
21:40	56	0.4139103	413.9103	23:00	63	0	0	23:00	N/A	0	0	21:30	48	6.432E-06	0.0064321	* See Field Investigation Below
21:45	56	0.2325183	232.51829	23:15	63	0	0	23:15	N/A	0	0	21:45	48	2.228E-06	0.0022282	* See Field Investigation Below
21:50	56	0.1543004	154.3004	23:30	63	0	0	23:30	N/A	0	0	22:00	48	2.175E-07	0.0002175	* See Field Investigation Below
21:55	56	0.5139274	513.92744	23:45	63	0	0	23:45	N/A	0	0	22:15	48	0	0	* See Field Investigation Below
22:00	56	0.26062	260.62975									22:30	48	0.0002316	0.2316402	
22:05	56	0	0									22:45	48	0.0003052	0.305247	
22:10	56	0	0									23:00	48	0.0002899	0.2899207	
22:15	56	0	0									23:15	48	0.0003441	0.3441438	
22:30	56	0	0									23:30	48	0.0005558	0.5558045	
22:45	56	0	0									23:45	48	0.002165	2.1649757	
23:00	56	0	0													
23:15	56	0	0													
23:30	56	0	0													
23:35	56	0	0													
23:40	56	0.1592989	159.29886													* See Field Investigation Below
23:45	56	0.4352377	435.2377													* See Field Investigation Below
23:50	56	0.3652235	365.22347													* See Field Investigation Below
23:55	56	0.3876992	387.69916													* See Field Investigation Below

* Field Investigation	On the afternoon of April 11th, the site was de-inventorying in preparation for repair work, and excess free hydrocarbon was sent to the biotreaters from one of the wastewater tanks due to a level issue. The cause is understood and has been addressed and solutions are being implemented.
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Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

4/12/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/12/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/12/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/12/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.3520298	352.02982	0:00	63	0	0	0:00	N/A	0	0	0:00	48	0.0036988	3.6988287	*See Field Investigation Below
0:05	56	0.4656576	465.6576	0:15	63	0	0	0:15	N/A	0	0	0:15	48	0.0020269	2.0268739	*See Field Investigation Below
0:10	56	0.2948711	294.87107	0:30	63	0	0	0:30	N/A	0	0	0:30	48	0.0003235	0.3235248	*See Field Investigation Below
0:15	56	0.1962229	196.22292	0:45	63	0	0	0:45	N/A	0	0	0:45	48	1.242E-05	0.0124194	*See Field Investigation Below
0:20	56	0.0732566	73.256555	1:00	63	0	0	1:00	N/A	0	0	1:00	48	5.202E-05	0.0520156	*See Field Investigation Below
0:25	56	0.0785149	78.514867	1:15	63	0	0	1:15	N/A	0	0	1:15	48	0.0001329	0.1328896	*See Field Investigation Below
0:30	56	0.0608176	60.817564	1:30	63	0	0	1:30	N/A	0	0	1:30	48	2.257E-05	0.0225735	*See Field Investigation Below
0:45	56	0.0403685	40.368459	1:45	63	0	0	1:45	N/A	0	0	1:45	48	0.0005394	0.5393869	
1:00	56	0.0197329	19.732869	2:00	63	0	0	2:00	N/A	0	0	2:00	48	0.0010472	1.0472475	
1:15	56	0.0141106	14.110564	2:15	63	8.463E-09	8.463E-06	2:15	N/A	0	0	2:15	48	0.0008497	0.8497173	*See Field Investigation Below
1:20	56	0.019	19.000018	2:30	63	9.063E-06	0.0090629	2:30	N/A	0	0	2:30	48	0.0006038	0.6038238	*See Field Investigation Below
1:25	56	0.0435639	43.563939	2:45	63	8.247E-07	0.0008247	2:45	N/A	0	0	2:45	48	0.0004626	0.4625697	*See Field Investigation Below
1:30	56	0.0908718	90.871837	3:00	63	0	0	3:00	N/A	0	0	3:00	48	0.0002959	0.295886	*See Field Investigation Below
1:35	56	0.2804706	280.47056	3:15	63	0	0	3:15	N/A	0	0	3:15	48	0.0005725	0.5725187	*See Field Investigation Below
1:40	56	0.3806304	380.63036	3:30	63	0	0	3:30	N/A	0	0	3:30	48	0.0008048	0.8048197	*See Field Investigation Below
1:45	56	0.409052	409.05195	3:45	63	0	0	3:45	N/A	0	0	3:45	48	0.0012171	1.2171491	*See Field Investigation Below
1:50	56	0.372974	372.974	4:00	63	0	0	4:00	N/A	0	0	4:00	48	0.001256	1.2559957	*See Field Investigation Below
1:55	56	0.3450319	345.03188	4:15	63	0	0	4:15	N/A	0	0	4:15	48	0.000901	0.901001	*See Field Investigation Below
2:00	56	0.2670688	267.06882	4:30	63	0	0	4:30	N/A	0	0	4:30	48	0.0007113	0.7112587	*See Field Investigation Below
2:05	56	0.2080746	208.07464	4:45	63	0	0	4:45	N/A	0	0	4:45	48	0.0014003	1.4003331	*See Field Investigation Below
2:10	56	0.1574149	157.41489	5:00	63	9.74E-05	0.0973971	5:00	N/A	0	0	5:00	48	0.0018571	1.8570733	*See Field Investigation Below
2:15	56	0.1300932	130.0932	5:15	63	0.0010445	1.044476	5:15	N/A	0	0	5:15	48	0.0019013	1.901343	*See Field Investigation Below
2:20	56	0.1853349	185.33491	5:30	63	0.0011043	1.1042687	5:30	N/A	0	0	5:30	48	0.0020656	2.0655568	*See Field Investigation Below
2:25	56	0.2967559	296.75589	5:45	63	0.001609	1.6089559	5:45	N/A	0	0	5:45	48	0.0019961	1.9960824	*See Field Investigation Below
2:30	56	0.3037763	303.77633	6:00	63	0.0007775	0.7775496	6:00	N/A	0	0	6:00	48	0.0019003	1.9002907	*See Field Investigation Below
2:35	56	0.2808084	280.80843	6:15	63	0.0008021	0.8020762	6:15	N/A	0	0	6:15	48	0.0021195	2.1195305	*See Field Investigation Below
2:40	56	0.1259955	125.99553	6:30	63	0.0005826	0.582646	6:30	N/A	0	0	6:30	48	0.0026109	2.6108738	*See Field Investigation Below
2:45	56	0.1526039	152.6039	6:45	63	0.0007071	0.7071428	6:45	N/A	0	0	6:45	48	0.0027085	2.7084648	*See Field Investigation Below
2:50	56	0.0872194	87.219438	7:00	63	0.001273	1.2729845	7:00	N/A	0	0	7:00	48	0.003055	3.0550348	*See Field Investigation Below
2:55	56	0.0543206	54.320582	7:15	63	0.0013951	1.3950581	7:15	N/A	0	0	7:15	48	0.0031113	3.1113283	
3:00	56	0.0576703	57.670255	7:30	63	0.0014018	1.4017683	7:30	N/A	0	0	7:30	48	0.0034553	3.4553151	*See Field Investigation Below
3:05	56	0.0704048	70.404755	7:45	63	0.0012195	1.2195433	7:45	N/A	0	0	7:45	48	0.0036111	3.611139	*See Field Investigation Below
3:10	56	0.1168444	116.84438	8:00	63	0.0012807	1.2806975	8:00	N/A	0	0	8:00	48	0.0044393	4.4393379	*See Field Investigation Below
3:15	56	0.1584538	158.45384	8:15	63	0.0010571	1.0570987	8:15	N/A	0.0285081	28.508131	8:15	48	0.0056584	5.6584291	*See Field Investigation Below
3:20	56	0.2123951	212.39511	8:30	63	0.0012239	1.223934	8:30	N/A	0.0735538	73.553813	8:30	48	0.0058672	5.8672423	*See Field Investigation Below
3:25	56	0.2277738	227.77378	8:45	63	0.00157	1.569981	8:45	N/A	0.0690157	69.015663	8:45	48	0.005525	5.5250126	*See Field Investigation Below
3:30	56	0.1637336	163.73358	9:00	63	0.0007479	0.7478718	9:00	N/A	0.0671167	67.116682	9:00	48	0.0030462	3.0461895	*See Field Investigation Below
3:35	56	0.1490005	149.00054	9:15	63	0.0009882	0.9881858	9:15	N/A	0.0645215	64.521547	9:15	48	0.0031691	3.1691217	*See Field Investigation Below
3:40	56	0.0953259	95.325949	9:30	63	0.0013373	1.3372593	9:30	N/A	0.0654395	65.439495	9:30	48	0.0044521	4.452061	*See Field Investigation Below
3:45	56	0.0575653	57.565307	9:45	63	0.0011656	1.1656024	9:45	N/A	0.0673954	67.395352	9:45	48	0.0038684	3.8683512	*See Field Investigation Below
3:50	56	0.0481772	48.177178	10:00	63	0.0003108	0.3108269	10:00	N/A	0.0693961	69.396149	10:00	48	0.0016247	1.6246972	
3:55	56	0.0680055	68.005504	10:15	63	0	0	10:15	N/A	0.0724942	72.494161	10:15	48	0	0	*See Field Investigation Below
4:00	56	0.1570613	157.06126	10:30	63	0	0	10:30	N/A	0.0815755	81.57554	10:30	48	0	0	*See Field Investigation Below

4:05	56	0.186886	186.88601	10:45	63	0	0	10:45	N/A	0.0849145	84.914514	10:45	48	0	0	*See Field Investigation Below
4:10	56	0.1595283	159.5283	11:00	63	0	0	11:00	N/A	0.0728822	72.882168	11:00	48	0	0	*See Field Investigation Below
4:15	56	0.1710885	171.08852	11:15	63	0	0	11:15	N/A	0.0705514	70.551387	11:15	48	0	0	*See Field Investigation Below
4:20	56	0.186168	186.16795	11:30	63	0	0	11:30	N/A	0.0689309	68.930862	11:30	48	0	0	*See Field Investigation Below
4:25	56	0.1815674	181.56742	11:45	63	0	0	11:45	N/A	0.070338	70.337997	11:45	48	0	0	*See Field Investigation Below
4:30	56	0.1405326	140.53265	12:00	63	0	0	12:00	N/A	0.0718672	71.867183	12:00	48	0	0	*See Field Investigation Below
4:35	56	0.1035341	103.53412	12:15	63	0	0	12:15	N/A	0.0655654	65.565438	12:15	48	0	0	*See Field Investigation Below
4:40	56	0.0339423	33.942343	12:30	63	0	0	12:30	N/A	0.0645231	64.523125	12:30	48	0	0	
4:45	56	0.0208346	20.83463	12:45	63	0	0	12:45	N/A	0.0601006	60.100647	12:45	48	0	0	
5:00	56	0.0143302	14.330226	13:00	63	0	0	13:00	N/A	0.062305	62.30502	13:00	48	0	0	
5:15	56	0.0080876	8.0875899	13:15	63	0	0	13:15	N/A	0.0645061	64.506143	13:15	48	0	0	
5:30	56	0.0289616	28.961596	13:30	63	0	0	13:30	N/A	0.0629422	62.942167	13:30	48	0	0	
5:35	56	0.0576098	57.609814	13:45	63	0	0	13:45	N/A	0.0663881	66.38809	13:45	48	0	0	*See Field Investigation Below
5:40	56	0.0631135	63.113534	14:00	63	0	0	14:00	N/A	0.0566594	56.659351	14:00	48	0	0	*See Field Investigation Below
5:45	56	0.09037	90.36997	14:15	63	0	0	14:15	N/A	0.0542555	54.255474	14:15	48	0	0	*See Field Investigation Below
5:50	56	0.1015395	101.53945	14:30	63	0	0	14:30	N/A	0.0524113	52.411294	14:30	48	0	0	*See Field Investigation Below
5:55	56	0.1045843	104.58429	14:45	63	0	0	14:45	N/A	0.0531073	53.107271	14:45	48	0	0	*See Field Investigation Below
6:00	56	0.0690086	69.008606	15:00	63	0	0	15:00	N/A	0.0562186	56.218556	15:00	48	0	0	*See Field Investigation Below
6:05	56	0.0269622	26.962241	15:15	63	0	0	15:15	N/A	0.0516978	51.697841	15:15	48	0	0	
6:10	56	0.0145153	14.51529	15:30	63	0	0	15:30	N/A	0.0498504	49.850358	15:30	48	0	0	
6:15	56	0.0309406	30.940557	15:45	63	0	0	15:45	N/A	0.0469348	46.93484	15:45	48	0	0	
6:30	56	0.0069292	6.9292453	16:00	63	0	0	16:00	N/A	0.0449328	44.932839	16:00	48	0	0	
6:45	56	0.0024286	2.4285703	16:15	63	0	0	16:15	N/A	0.0432764	43.27636	16:15	48	0	0	
7:00	56	0.0007095	0.7094528	16:30	63	0.0047978	4.7977603	16:30	N/A	0.0578094	57.809445	16:30	48	0.001298	1.2980159	
7:15	56	0.0001511	0.1510817	16:45	63	0.0040598	4.0598187	16:45	N/A	0.0813443	81.344263	16:45	48	0.0023671	2.3670792	
7:30	56	1.917E-05	0.0191681	17:00	63	0	0	17:00	N/A	0.039801	39.801024	17:00	48	0	0	
7:45	56	0	0	17:15	63	0	0	17:15	N/A	0.0409066	40.9066	17:15	48	0	0	
8:00	56	0	0	17:30	63	0	0	17:30	N/A	0.0411737	41.173653	17:30	48	0	0	
8:15	56	0.0002923	0.2923403	17:45	63	0	0	17:45	N/A	0.0402096	40.20957	17:45	48	0	0	
8:30	56	0.0005111	0.5111084	18:00	63	0	0	18:00	N/A	0.0378365	37.836533	18:00	48	0	0	
8:45	56	0.0002889	0.2889254	18:15	63	0	0	18:15	N/A	0.0369792	36.979211	18:15	48	0	0	
9:00	56	0.0025685	2.5685091	18:30	63	0	0	18:30	N/A	0.0364591	36.459116	18:30	48	0	0	
9:15	56	0.0047979	4.7979285	18:45	63	0	0	18:45	N/A	0.0379694	37.969358	18:45	48	0	0	
9:30	56	0.0047116	4.7115609	19:00	63	0	0	19:00	N/A	0.0398339	39.833897	19:00	48	0	0	
9:45	56	0.0033063	3.3063171	19:15	63	0	0	19:15	N/A	0.0405767	40.576689	19:15	48	0	0	
10:00	56	0.000854	0.8540389	19:30	63	0	0	19:30	N/A	0.0413324	41.33241	19:30	48	0	0	
10:15	56	0	0	19:45	63	0	0	19:45	N/A	0.0416181	41.618099	19:45	48	0	0	
10:30	56	0	0	20:00	63	0	0	20:00	N/A	0.0426373	42.637253	20:00	48	0.08191	0	
10:45	56	0	0	20:15	63	0	0	20:15	N/A	0.0432867	43.286738	20:15	48	0.0780997	0	
11:00	56	0	0	20:30	63	0.0059284	5.9284223	20:30	N/A	0.044465	44.465024	20:30	48	0.0142739	1.7289136	
11:15	56	0	0	20:45	63	0.0152398	15.239805	20:45	N/A	0.0465933	46.593275	20:45	48	0.0167355	6.18251	
11:30	56	0	0	21:00	63	0.0163092	16.309168	21:00	N/A	0.0523409	52.34093	21:00	48	0.106541	8.0775345	
11:45	56	0	0	21:15	63	0.0133321	13.33208	21:15	N/A	0.0614164	61.416366	21:15	48	0.0302765	7.8619418	
12:00	56	0	0	21:30	63	0.0109899	10.989926	21:30	N/A	0.0642265	64.226474	21:30	48	0.0077719	7.7718841	
12:15	56	0	0	21:45	63	0.0091036	9.1035621	21:45	N/A	0.0678094	67.809391	21:45	48	0.0080763	8.076333	
12:30	56	0	0	22:00	63	0.0075025	7.5025034	22:00	N/A	0.0710671	71.067094	22:00	48	0.0087012	8.7012289	
12:45	56	0	0	22:15	63	0.0065532	6.5531987	22:15	N/A	0.0698258	69.82582	22:15	48	0.0084442	8.4441884	
13:00	56	0	0	22:30	63	0.0058353	5.8353127	22:30	N/A	0.0715486	71.548622	22:30	48	0.0083175	8.3175289	
13:15	56	0	0	22:45	63	0.0050827	5.0826828	22:45	N/A	0.0754564	75.456399	22:45	48	0.0082616	8.2615563	
13:30	56	0	0	23:00	63	0.0044395	4.4395398	23:00	N/A	0.0795136	79.513594	23:00	48	0.0081275	8.1275135	
13:45	56	0	0	23:15	63	0.0043231	4.3231477	23:15	N/A	0.0814825	81.482486	23:15	48	0.0080675	8.0675164	
14:00	56	0	0	23:30	63	0.0041496	4.1496122	23:30	N/A	0.0832976	83.297609	23:30	48	0.008147	8.1470008	
14:15	56	0	0	23:45	63	0.0038245	3.8245478	23:45	N/A	0.0846595	84.659521	23:45	48	0.0072055	7.2055165	

14:30	56	0	0
14:45	56	0	0
15:00	56	0	0
15:15	56	0	0
15:30	56	0	0
15:45	56	0	0
16:00	56	0.000087	0.0875924
16:15	56	0.0006096	0.6096486
16:30	56	0.0051015	5.1015852
16:45	56	0.0094101	9.4101302
17:00	56	0.0003357	0.3357148
17:15	56	0	0
17:30	56	0	0
17:45	56	0.0001351	0.1350632
18:00	56	0.0004174	0.4174817
18:15	56	0	0
18:30	56	0.0012389	1.2389893
18:45	56	0.004422	4.4220278
19:00	56	0.0010809	1.0809029
19:15	56	0	0
19:30	56	0	0
19:45	56	0	0
20:00	56	0	0
20:15	56	0	0
20:30	56	0.0038594	3.859407
20:45	56	0.020938	20.938186
21:00	56	0.014027	14.027565
21:15	56	0.0098027	9.8027198
21:30	56	0.005417	5.4174777
21:45	56	0.005703	5.7034877
22:00	56	0.013169	13.16972
22:15	56	0.0061689	6.1689831
22:30	56	0.002309	2.3090341
22:45	56	0.001289	1.2890074
23:00	56	0.0009435	0.9435206
23:15	56	0.000069	0.0698885
23:30	56	0.001241	1.2415258
23:45	56	0.005641	5.6418042

* Field Investigation	On the afternoon of April 11th, the site was de-inventorying in preparation for repair work, and excess free hydrocarbon was sent to the biotreaters from one of the wastewater tanks due to a level issue. The cause is understood and has been addressed and solutions are being implemented.
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Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

4/13/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/13/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/13/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/13/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0023884	2.3883891	0:00	63	0.00341	3.4099717	0:00	N/A	0.0856384	85.638445	0:00	48	0.0071518	7.1518264	
0:15	56	0.0127717	12.771722	0:15	63	0.0029524	2.9524394	0:15	N/A	0.0833176	83.317638	0:15	48	0.0065035	6.5035238	
0:30	56	0.0453599	45.359934	0:30	63	0.0029	2.9000423	0:30	N/A	0.0822945	82.294467	0:30	48	0.006384	6.3840061	
0:45	56	0.011338	11.337974	0:45	63	0.002796	2.7959798	0:45	N/A	0.0825441	82.544146	0:45	48	0.0058731	5.8731048	
1:00	56	0.0161568	16.15675	1:00	63	0.0031113	3.1112715	1:00	N/A	0.0823074	82.307391	1:00	48	0.0059629	5.9629033	
1:15	56	0.0070298	7.0297824	1:15	63	0.0029575	2.957475	1:15	N/A	0.0829973	82.997261	1:15	48	0.0062119	6.211883	
1:30	56	0.0099616	9.9616128	1:30	63	0.0045234	4.523435	1:30	N/A	0.0824077	82.407658	1:30	48	0.0068182	6.8182168	
1:45	56	0.0065932	6.593182	1:45	63	0.0067616	6.7615581	1:45	N/A	0.081524	81.523995	1:45	48	0.0071784	7.1784126	
2:00	56	0.0032018	3.2018436	2:00	63	0.0062176	6.2176101	2:00	N/A	0.0821443	82.144315	2:00	48	0.0074593	7.4592696	
2:15	56	0.0018259	1.8259427	2:15	63	0.0060325	6.0324926	2:15	N/A	0.0819146	81.914597	2:15	48	0.0085371	8.5371109	
2:30	56	0.0023599	2.3599374	2:30	63	0.0057108	5.7107711	2:30	N/A	0.0814426	81.442602	2:30	48	0.0099616	9.9615931	
2:45	56	0.0059179	5.9178602	2:45	63	0.0052224	5.2223773	2:45	N/A	0.0814649	81.464896	2:45	48	0.0100078	10.007786	
3:00	56	0.031017	31.01705	3:00	63	0.00433	4.3299689	3:00	N/A	0.080674	80.674041	3:00	48	0.0080495	8.0495011	
3:15	56	0.0356744	35.674355	3:15	63	0.0041422	4.1421962	3:15	N/A	0.0797586	79.758636	3:15	48	0.0081718	8.1717608	
3:30	56	0.0447036	44.703628	3:30	63	0.0036934	3.6933698	3:30	N/A	0.0790993	79.099289	3:30	48	0.0075334	7.5333955	
3:45	56	0.029548	29.547995	3:45	63	0.0040644	4.0644041	3:45	N/A	0.0800228	80.022772	3:45	48	0.0080437	8.0436618	
4:00	56	0.0148619	14.861874	4:00	63	0.0063318	6.3318318	4:00	N/A	0.0783338	78.333777	4:00	48	0.0098859	9.88859402	
4:15	56	0.0213983	21.398301	4:15	63	0.0075989	7.5988617	4:15	N/A	0.076779	76.778953	4:15	48	0.0091378	9.1378088	
4:30	56	0.0206214	20.621446	4:30	63	0.0063889	6.3889369	4:30	N/A	0.0764133	76.413272	4:30	48	0.0091056	9.1056109	
4:45	56	0.0224338	22.433841	4:45	63	0.006148	6.1479532	4:45	N/A	0.0776501	77.650094	4:45	48	0.0102482	10.248195	
5:00	56	0.0209643	20.964331	5:00	63	0.0051642	5.1642182	5:00	N/A	0.0773931	77.393095	5:00	48	0.0103413	10.341258	
5:15	56	0.017721	17.721019	5:15	63	0.0049786	4.9785606	5:15	N/A	0.0787459	78.745854	5:15	48	0.01112	11.120026	
5:30	56	0.0145639	14.563918	5:30	63	0.0050087	5.0086679	5:30	N/A	0.0778868	77.886849	5:30	48	0.0114637	11.463675	
5:45	56	0.0076207	7.6207019	5:45	63	0.0056076	5.6075659	5:45	N/A	0.0768356	76.835626	5:45	48	0.0103677	10.367675	
6:00	56	0.0100816	10.081583	6:00	63	0.0074467	7.4467397	6:00	N/A	0.07747	77.469956	6:00	48	0.0107226	10.722608	
6:15	56	0.009329	9.3289531	6:15	63	0.0085095	8.5094754	6:15	N/A	0.0770607	77.060705	6:15	48	0.0106195	10.619496	
6:30	56	0.0089849	8.9848637	6:30	63	0.0088205	8.8205201	6:30	N/A	0.0763225	76.322519	6:30	48	0.0106153	10.6153	
6:45	56	0.0080663	8.0662889	6:45	63	0.0082898	8.2897692	6:45	N/A	0.0747514	74.751418	6:45	48	0.0109357	10.935723	
7:00	56	0.0093754	9.3754332	7:00	63	0.0085796	8.579617	7:00	N/A	0.0750125	75.012487	7:00	48	0.0097311	9.7311052	
7:15	56	0.0068657	6.8656631	7:15	63	0.0094096	9.4096487	7:15	N/A	0.0752762	75.276211	7:15	48	0.0123306	12.330621	
7:30	56	0.0062737	6.2736713	7:30	63	0.0107437	10.743731	7:30	N/A	0.0758023	75.802263	7:30	48	0.0127901	12.79013	
7:45	56	0.0039476	3.9475634	7:45	63	0.0111009	11.100917	7:45	N/A	0.0777165	77.716468	7:45	48	0.0110603	11.060304	
8:00	56	0.0039489	3.9488905	8:00	63	0.0115391	11.539093	8:00	N/A	0.0809637	80.963658	8:00	48	0.0112042	11.204192	
8:15	56	0.0056137	5.6137366	8:15	63	0.0118335	11.833526	8:15	N/A	0.0855142	85.514189	8:15	48	0.0111353	11.135275	
8:30	56	0.0064515	6.4515319	8:30	63	0.0119979	11.997875	8:30	N/A	0.0940482	94.048227	8:30	48	0.0128003	12.800319	
8:45	56	0.002886	2.8859933	8:45	63	0.0078138	7.8138312	8:45	N/A	0.0986435	98.643544	8:45	48	0.0057292	5.7291913	
9:00	56	0.0062042	6.2042102	9:00	63	0.0058212	5.8211871	9:00	N/A	0.101605	101.60501	9:00	48	0.0082326	8.2326242	
9:15	56	0.0130439	13.04388	9:15	63	0.0133225	13.322497	9:15	N/A	0.1010671	101.06707	9:15	48	0.013701	13.700952	
9:30	56	0.0053407	5.3406505	9:30	63	0.0052544	5.2543637	9:30	N/A	0.1025288	102.52877	9:30	48	0.0052241	5.2240983	
9:45	56	0.0073626	7.362642	9:45	63	0.0107883	10.78827	9:45	N/A	0.1055434	105.54337	9:45	48	0.0073816	7.3816409	
10:00	56	0.0081803	8.1802672	10:00	63	0.0129001	12.900082	10:00	N/A	0.1208054	120.80536	10:00	48	0.0081069	8.106873	
10:15	56	0.0078509	7.8509433	10:15	63	0.0045675	4.5674565	10:15	N/A	0.1305743	130.57429	10:15	48	0.0075791	7.5791047	
10:30	56	0.0012112	1.2111811	10:30	63	0.0047057	4.705662	10:30	N/A	0.1098412	109.84117	10:30	48	0.000669	0.668983	

10:45	56	0	0	10:45	63	0.0001091	0.1091303	10:45	N/A	0.0899768	89.97676	10:45	48	0	0
11:00	56	0	0	11:00	63	0	0	11:00	N/A	0.0821163	82.11633	11:00	48	0	0
11:15	56	0	0	11:15	63	0	0	11:15	N/A	0.0712395	71.239459	11:15	48	0	0
11:30	56	0	0	11:30	63	5.528E-06	0.0055282	11:30	N/A	0.0605047	60.50472	11:30	48	0	0
11:45	56	0.0201244	20.124393	11:45	63	0.0058458	5.8458413	11:45	N/A	0.0551603	55.160336	11:45	48	0.0047464	4.7464097
12:00	56	0.0163169	16.316875	12:00	63	0.0125478	12.54779	12:00	N/A	0.0508071	50.807056	12:00	48	0.003643	3.6430445
12:15	56	0.0149041	14.90405	12:15	63	0.0074028	7.4028035	12:15	N/A	0.0462958	46.295753	12:15	48	0.0030761	3.0761284
12:30	56	0.0088738	8.8738333	12:30	63	0.0001687	0.168717	12:30	N/A	0.041531	41.530976	12:30	48	0.0004825	0.4824544
12:45	56	0.0088997	8.8996931	12:45	63	0	0	12:45	N/A	0.0398858	39.885809	12:45	48	0	0
13:00	56	0.0120359	12.035896	13:00	63	0	0	13:00	N/A	0.0390424	39.042381	13:00	48	0	0
13:15	56	0.0148492	14.849208	13:15	63	0	0	13:15	N/A	0.0372932	37.293171	13:15	48	0	0
13:30	56	0.0177616	17.761618	13:30	63	0	0	13:30	N/A	0.0349848	34.984813	13:30	48	0	0
13:45	56	0.0212418	21.241825	13:45	63	0	0	13:45	N/A	0.0322985	32.298512	13:45	48	0	0
14:00	56	0.0241622	24.162211	14:00	63	0	0	14:00	N/A	0.0303988	30.398816	14:00	48	0	0
14:15	56	0.0250689	25.068855	14:15	63	0	0	14:15	N/A	0.031497	31.497045	14:15	48	0	0
14:30	56	0.0250102	25.010194	14:30	63	0	0	14:30	N/A	0.0328247	32.824667	14:30	48	0	0
14:45	56	0.0236189	23.618945	14:45	63	0	0	14:45	N/A	0.0340631	34.063096	14:45	48	0	0
15:00	56	0.0253093	25.309348	15:00	63	0	0	15:00	N/A	0.0319179	31.917904	15:00	48	0	0
15:15	56	0.0280159	28.015889	15:15	63	0.0004096	0.4096259	15:15	N/A	0.0311106	31.110596	15:15	48	0	0
15:30	56	0.0297367	29.736722	15:30	63	0.0026561	2.6560826	15:30	N/A	0.0294727	29.472655	15:30	48	0	0
15:45	56	0.0307511	30.751115	15:45	63	0.0046728	4.6727872	15:45	N/A	0.0287833	28.783263	15:45	48	0	0
16:00	56	0.0298955	29.89553	16:00	63	0.0059433	5.9433046	16:00	N/A	0.0280968	28.09677	16:00	48	0	0
16:15	56	0.0344088	34.408827	16:15	63	0.0083904	8.3903776	16:15	N/A	0.0285803	28.580301	16:15	48	0.0034924	3.492416
16:30	56	0.0284813	28.481284	16:30	63	0.0149218	14.921849	16:30	N/A	0.0416956	41.695606	16:30	48	0.0015657	1.5656733
16:45	56	0.0261133	26.11332	16:45	63	0.0111554	11.155363	16:45	N/A	0.0275709	27.570936	16:45	48	0	0
17:00	56	0.0224216	22.421564	17:00	63	0.01311	13.109959	17:00	N/A	0.0266351	26.6351	17:00	48	0	0
17:15	56	0.0237951	23.79507	17:15	63	0.0107132	10.713184	17:15	N/A	0.0340576	34.057578	17:15	48	0	0
17:30	56	0.0266151	26.615132	17:30	63	0.0171751	17.175107	17:30	N/A	0.0257741	25.774085	17:30	48	0	0
17:45	56	0.0266219	26.621889	17:45	63	0.0207143	20.714324	17:45	N/A	0.0253607	25.360715	17:45	48	0	0
18:00	56	0.0267505	26.750544	18:00	63	0.0235427	23.542687	18:00	N/A	0.02457	24.570018	18:00	48	0	0
18:15	56	0.0266619	26.661942	18:15	63	0.0263996	26.399611	18:15	N/A	0.0241773	24.177299	18:15	48	0	0
18:30	56	0.0252318	25.231802	18:30	63	0.0260022	26.002248	18:30	N/A	0.025573	25.572969	18:30	48	0	0
18:45	56	0.0233583	23.358286	18:45	63	0.0249469	24.946939	18:45	N/A	0.0269222	26.922238	18:45	48	0	0
19:00	56	0.0215877	21.587709	19:00	63	0.0251081	25.108137	19:00	N/A	0.0267917	26.791746	19:00	48	0	0
19:15	56	0.0183232	18.323192	19:15	63	0.0232376	23.237554	19:15	N/A	0.028864	28.863956	19:15	48	0	0
19:30	56	0.0199511	19.95114	19:30	63	0.0265258	26.525771	19:30	N/A	0.0312196	31.219558	19:30	48	0.0045134	4.5133597
19:45	56	0.0257175	25.71753	19:45	63	0.0231742	23.174232	19:45	N/A	0.0326489	32.648876	19:45	48	0.0114164	11.416353
20:00	56	0.0322253	32.225261	20:00	63	0.0340002	34.000188	20:00	N/A	0.0312029	31.202929	20:00	48	0.08191	17.198475
20:15	56	0.0324507	32.450726	20:15	63	0.0360931	36.093115	20:15	N/A	0.0358575	35.857525	20:15	48	0.0780997	18.621769
20:30	56	0.0271267	27.126747	20:30	63	0.0318638	31.863815	20:30	N/A	0.0327692	32.769159	20:30	48	0.0142739	16.935242
20:45	56	0.0227665	22.766539	20:45	63	0.0282086	28.208607	20:45	N/A	0.034707	34.707044	20:45	48	0.0167355	15.164403
21:00	56	0.0197754	19.775444	21:00	63	0.0248287	24.828728	21:00	N/A	0.0361213	36.121295	21:00	48	0.106541	13.467058
21:15	56	0.0224459	22.445922	21:15	63	0.0209152	20.915171	21:15	N/A	0.0353646	35.364464	21:15	48	0.0302765	11.784352
21:30	56	0.0302799	30.279875	21:30	63	0.0167324	16.732367	21:30	N/A	0.0360952	36.095169	21:30	48	0.010637	10.637002
21:45	56	0.0258251	25.825116	21:45	63	0.0136846	13.684579	21:45	N/A	0.0396453	39.645332	21:45	48	0.0095928	9.5927607
22:00	56	0.0185996	18.599624	22:00	63	0.0115691	11.569069	22:00	N/A	0.0407067	40.706709	22:00	48	0.0097315	9.7314919
22:15	56	0.0347851	34.785141	22:15	63	0.0094092	9.4091868	22:15	N/A	0.0410364	41.036401	22:15	48	0.009776	9.7759631
22:30	56	0.0385724	38.572378	22:30	63	0.0075704	7.5703665	22:30	N/A	0.046036	46.036029	22:30	48	0.0101008	10.100783
22:45	56	0.0221255	22.12551	22:45	63	0.006616	6.6159932	22:45	N/A	0.0461561	46.156102	22:45	48	0.009843	9.8429825
23:00	56	0.0168037	16.803707	23:00	63	0.0057515	5.7514672	23:00	N/A	0.0464972	46.497153	23:00	48	0.0103365	10.336469
23:15	56	0.0255161	25.516097	23:15	63	0.0053355	5.3354523	23:15	N/A	0.0477188	47.718842	23:15	48	0.0114114	11.411436
23:30	56	0.0340609	34.060901	23:30	63	0.0052357	5.2356938	23:30	N/A	0.0493969	49.396904	23:30	48	0.0105828	10.582778
23:45	56	0.0266173	26.617339	23:45	63	0.0051007	5.1006799	23:45	N/A	0.0530657	53.0657	23:45	48	0.010573	10.572958



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	1.4	0	1.4	0	2.5

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

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

4/14/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/14/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/14/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/14/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0150628	15.062779	0:00	63	0.0053186	5.3185752	0:00	N/A	0.0539774	53.977368	0:00	48	0.0095147	9.5146931	
0:15	56	0.0131502	13.150245	0:15	63	0.00579	5.7900255	0:15	N/A	0.0536281	53.628091	0:15	48	0.0093782	9.3781508	
0:30	56	0.0107811	10.781126	0:30	63	0.0060533	6.0533156	0:30	N/A	0.0543659	54.365908	0:30	48	0.00937	9.3700236	
0:45	56	0.0079645	7.9645041	0:45	63	0.0062599	6.2599389	0:45	N/A	0.0548533	54.853337	0:45	48	0.0098703	9.8703304	
1:00	56	0.0090538	9.0538134	1:00	63	0.0065026	6.5025512	1:00	N/A	0.0557815	55.781483	1:00	48	0.0109029	10.90293	
1:15	56	0.0066753	6.6753338	1:15	63	0.006823	6.8230085	1:15	N/A	0.0560819	56.081858	1:15	48	0.0097951	9.7951014	
1:30	56	0.0057052	5.7051827	1:30	63	0.0103249	10.324852	1:30	N/A	0.0575054	57.505357	1:30	48	0.0103667	10.3667	
1:45	56	0.0069155	6.9154953	1:45	63	0.0747575	74.75746	1:45	N/A	0.0593371	59.337146	1:45	48	0.0101428	10.142825	* See Field Investigation Below
2:00	56	0.0072844	7.284362	1:50	63	0.0886687	88.6687	2:00	N/A	0.0592497	59.249725	2:00	48	0.0106513	10.651315	* See Field Investigation Below
2:15	56	0.0084014	8.4013987	1:55	63	0.0865323	86.5323	2:15	N/A	0.0590655	59.065523	2:15	48	0.0226301	22.630134	* See Field Investigation Below
2:30	56	0.0084062	8.4061984	2:00	63	0.0592762	59.276188	2:30	N/A	0.0607114	60.711364	2:30	48	0.0256184	25.618404	
2:45	56	0.0080926	8.0926255	2:15	63	0.0380775	38.07753	2:45	N/A	0.0618136	61.813625	2:45	48	0.0050575	5.0574607	
3:00	56	0.0243014	24.301408	2:30	63	0.0217499	21.74991	3:00	N/A	0.062686	62.686044	3:00	48	0.0110017	11.001705	
3:15	56	0.0427208	42.720798	2:45	63	0.017216	17.215976	3:15	N/A	0.0635779	63.577904	3:15	48	0.0100215	10.021527	
3:30	56	0.0220128	22.012785	3:00	63	0.0150063	15.006296	3:30	N/A	0.0631374	63.13737	3:30	48	0.009466	9.4660126	
3:45	56	0.0125836	12.583601	3:15	63	0.0148002	14.80022	3:45	N/A	0.0651165	65.116492	3:45	48	0.0112969	11.296943	
4:00	56	0.0100748	10.074839	3:30	63	0.0152952	15.295229	4:00	N/A	0.0655252	65.525175	4:00	48	0.0128276	12.827558	
4:15	56	0.0055874	5.5873851	3:45	63	0.015068	15.067985	4:15	N/A	0.0657115	65.711505	4:15	48	0.0110591	11.059074	
4:30	56	0.0054635	5.4635358	4:00	63	0.0145067	14.50672	4:30	N/A	0.0684291	68.429067	4:30	48	0.0095953	9.5953262	
4:45	56	0.0041558	4.1557711	4:15	63	0.0132224	13.222376	4:45	N/A	0.066471	66.470957	4:45	48	0.0115003	11.500338	
5:00	56	0.0030316	3.0316198	4:30	63	0.0119364	11.936385	5:00	N/A	0.0653676	65.367586	5:00	48	0.0118986	11.898552	
5:15	56	0.0017594	1.7594348	4:45	63	0.0117308	11.730847	5:15	N/A	0.0649453	64.945348	5:15	48	0.0119252	11.925161	
5:30	56	0.0010756	1.0756153	5:00	63	0.0116344	11.634355	5:30	N/A	0.0630216	63.021569	5:30	48	0.0109345	10.93455	
5:45	56	0.0006261	0.6260776	5:15	63	0.0113926	11.39256	5:45	N/A	0.0647324	64.732359	5:45	48	0.009831	9.8309654	
6:00	56	0.0024523	2.4523371	5:30	63	0.0108436	10.843561	6:00	N/A	0.0653254	65.325377	6:00	48	0.0109569	10.956947	
6:15	56	0.0059084	5.9083879	5:45	63	0.0101405	10.140525	6:15	N/A	0.0662055	66.205541	6:15	48	0.0113827	11.38272	
6:30	56	0.0092364	9.2364173	6:00	63	0.0101876	10.18756	6:30	N/A	0.0669662	66.966235	6:30	48	0.0114299	11.429869	
6:45	56	0.0055601	5.5601421	6:15	63	0.0104172	10.417232	6:45	N/A	0.0670448	67.044848	6:45	48	0.0105512	10.551191	
7:00	56	0.000546	0.5460352	6:30	63	0.0105399	10.539863	7:00	N/A	0.0698221	69.822115	7:00	48	0.0111648	11.164759	
7:15	56	0	0	6:45	63	0.0107671	10.767145	7:15	N/A	0.0743446	74.344555	7:15	48	0.0115053	11.505293	
7:30	56	0	0	7:00	63	0.0104378	10.437755	7:30	N/A	0.0803999	80.399854	7:30	48	0.0104071	10.407075	
7:45	56	0	0	7:15	63	0.0101432	10.143159	7:45	N/A	0.0784589	78.458859	7:45	48	0.0113967	11.396745	

8:00	56	0.0003203	0.3202771	7:30	63	0.0103661	10.366117	8:00	N/A	0.075811	75.810998	8:00	48	0.0077665	7.7665075
8:15	56	0.0025521	2.5520915	7:45	63	0.0104798	10.479751	8:15	N/A	0.0771777	77.177681	8:15	48	0.0049891	4.9890655
8:30	56	0.0062425	6.2424968	8:00	63	0.0074754	7.475437	8:30	N/A	0.0831279	83.12787	8:30	48	0.0116943	11.694307
8:45	56	0.004894	4.8940445	8:15	63	0.0070233	7.0233362	8:45	N/A	0.0839449	83.944938	8:45	48	0.0104821	10.482109
9:00	56	0.001619	1.6189574	8:30	63	0.0129309	12.93088	9:00	N/A	0.0945654	94.565445	9:00	48	0.0072893	7.2893422
9:15	56	0	0	8:45	63	0.0135954	13.595424	9:15	N/A	0.1022798	102.27978	9:15	48	0.0051235	5.1235408
9:30	56	0.0001838	0.1838358	9:00	63	0.0086984	8.6983709	9:30	N/A	0.0993425	99.342516	9:30	48	0.0087952	8.7951976
9:45	56	0.0008503	0.8503314	9:15	63	0.0045964	4.5963774	9:45	N/A	0.0982351	98.235058	9:45	48	0.0070171	7.0171397
10:00	56	0.000245	0.2450102	9:30	63	0.0096453	9.6452629	10:00	N/A	0.0965231	96.523115	10:00	48	0.001757	1.7569678
10:15	56	0.0013816	1.3815949	9:45	63	0.0054226	5.4226107	10:15	N/A	0.1057853	105.78529	10:15	48	0.010951	10.95099
10:30	56	0.0013694	1.3693596	10:00	63	0.0079181	7.9180632	10:30	N/A	0.132687	132.68705	10:30	48	0.0140291	14.029051
10:45	56	0.0013171	1.3170592	10:15	63	0.0134089	13.408865	10:45	N/A	0.138767	138.76702	10:45	48	0.0052686	5.2685598
11:00	56	0.0016786	1.6785515	10:30	63	0.0102861	10.286101	11:00	N/A	0.3128616	312.86156	11:00	48	0.0045221	4.5220986
11:15	56	0.0014241	1.4241434	10:45	63	0.006205	6.2050274	11:15	N/A	0.5921052	592.1052	11:15	48	0.0039318	3.931813
11:30	56	0.0007814	0.7813583	11:00	63	0.0079837	7.9837299	11:30	N/A	0.3655157	365.5157	11:30	48	0.000738	0.7379838
11:45	56	0.0036141	3.6140924	11:15	63	0.0081455	8.1454554	11:45	N/A	0.160651	160.65105	11:45	48	0.0034135	3.413468
12:00	56	0	0	11:30	63	0.0020489	2.0489257	12:00	N/A	0.1066948	106.69481	12:00	48	0	0
12:15	56	0	0	11:45	63	0.0037365	3.7364994	12:15	N/A	0.0943923	94.392251	12:15	48	0	0
12:30	56	0	0	12:00	63	0	0	12:30	N/A	0.0767721	76.772108	12:30	48	0	0
12:45	56	0	0	12:15	63	0	0	12:45	N/A	0.1076005	107.60051	12:45	48	0	0
13:00	56	0	0	12:30	63	0	0	13:00	N/A	0.0686517	68.651708	13:00	48	0	0
13:15	56	0	0	12:45	63	0	0	13:15	N/A	0.0545149	54.51487	13:15	48	0	0
13:30	56	0.0001379	0.1379114	13:00	63	0	0	13:30	N/A	0.0477882	47.788177	13:30	48	0	0
13:45	56	0.0017988	1.7987764	13:15	63	0	0	13:45	N/A	0.0421406	42.140622	13:45	48	0	0
14:00	56	0.007011	7.0110396	13:30	63	0	0	14:00	N/A	0.0393463	39.346263	14:00	48	0.0002268	0.2267679
14:15	56	0.0249447	24.944666	13:45	63	0	0	14:15	N/A	0.0374721	37.47206	14:15	48	0.0053453	5.3452668
14:30	56	0.0393369	39.336852	14:00	63	0	0	14:30	N/A	0.0360255	36.025503	14:30	48	0.0111044	11.104351
14:45	56	0.0515501	51.55015	14:15	63	0.0045817	4.581667	14:45	N/A	0.0342378	34.23779	14:45	48	0.0155688	15.568846
15:00	56	0.0401045	40.10454	14:30	63	0.028159	28.158962	15:00	N/A	0.0344447	34.444691	15:00	48	0.0109219	10.921875
15:15	56	0.0389642	38.964151	14:45	63	0.0394933	39.493326	15:15	N/A	0.0352078	35.207786	15:15	48	0.0110052	11.005245
15:30	56	0.0469908	46.990838	15:00	63	0.0347364	34.736432	15:30	N/A	0.035551	35.550981	15:30	48	0.0161832	16.183213
15:45	56	0.0333851	33.38513	15:15	63	0.0211705	21.170485	15:45	N/A	0.0339222	33.922202	15:45	48	0.0108935	10.893534
16:00	56	0.0306716	30.671556	15:30	63	0.0397651	39.76513	16:00	N/A	0.0327168	32.71675	16:00	48	0.0104539	10.453883
16:15	56	0.0179703	17.970346	15:45	63	0.032944	32.944026	16:15	N/A	0.0661107	66.110663	16:15	48	0.0052641	5.2641331
16:30	56	0.026015	26.015041	16:00	63	0.0187514	18.751433	16:30	N/A	0.0942268	94.226775	16:30	48	0.0099977	9.9976553
16:45	56	0	0	16:15	63	0.0264535	26.453498	16:45	N/A	0.1644387	164.43874	16:45	48	0.0002344	0.2344289
17:00	56	0	0	16:30	63	0.0206382	20.638179	17:00	N/A	0.1368665	136.86652	17:00	48	0	0
17:15	56	0	0	16:45	63	0	0	17:15	N/A	0.1520568	152.05684	17:15	48	0	0
17:30	56	0	0	17:00	63	0	0	17:30	N/A	0.0883359	88.335898	17:30	48	0	0
17:45	56	0	0	17:15	63	0	0	17:45	N/A	0.0529775	52.977479	17:45	48	0	0
18:00	56	0	0	17:30	63	0	0	18:00	N/A	0.0426932	42.693192	18:00	48	0	0
18:15	56	0	0	17:45	63	0	0	18:15	N/A	0.040197	40.196978	18:15	48	0	0
18:30	56	1.946E-05	0.0194566	18:00	63	0	0	18:30	N/A	0.0391335	39.133519	18:30	48	9.168E-06	0.0091683
18:45	56	0.0205968	20.596773	18:15	63	0	0	18:45	N/A	0.0423573	42.357263	18:45	48	0.0097056	9.7055939
19:00	56	0.0283834	28.38343	18:30	63	0.0019334	1.9334019	19:00	N/A	0.0443078	44.307814	19:00	48	0.0140001	14.000123
19:15	56	0.0254495	25.449492	18:45	63	0.0132121	13.212129	19:15	N/A	0.0463832	46.383185	19:15	48	0.0142152	14.21522
19:30	56	0.0232139	23.213906	19:00	63	0.0318941	31.894076	19:30	N/A	0.0491061	49.106109	19:30	48	0.0139963	13.996299
19:45	56	0.0221997	22.199696	19:15	63	0.0316138	31.613774	19:45	N/A	0.0592207	59.220718	19:45	48	0.013172	13.172001
20:00	56	0.0202236	20.223644	19:30	63	0.0305873	30.58729	20:00	N/A	0.0608142	60.814214	20:00	48	0.08191	12.222673
20:15	56	0.0175117	17.511712	19:45	63	0.0296249	29.624897	20:15	N/A	0.0609618	60.961768	20:15	48	0.0780997	12.123081
20:30	56	0.0152526	15.252565	20:00	63	0.0281987	28.19868	20:30	N/A	0.0657013	65.701283	20:30	48	0.0142739	12.109898
20:45	56	0.0122435	12.243479	20:15	63	0.026877	26.876969	20:45	N/A	0.0616034	61.603447	20:45	48	0.0167355	10.818901
21:00	56	0.0095985	9.5984779	20:30	63	0.0251133	25.11335	21:00	N/A	0.0627678	62.767806	21:00	48	0.106541	10.495193

21:15	56	0.0070706	7.0705858	20:45	63	0.0236692	23.669196	21:15	N/A	0.0661897	66.189653	21:15	48	0.0302765	10.377861	
21:30	56	0.0041604	4.1603719	21:00	63	0.0224753	22.475279	21:30	N/A	0.0673879	67.387949	21:30	48	0.0101566	10.156629	
21:45	56	0.0013342	1.3341521	21:15	63	0.0224491	22.449131	21:45	N/A	0.0670413	67.041286	21:45	48	0.0107896	10.789582	
22:00	56	0.0164352	16.435199	21:30	63	0.0184412	18.441162	22:00	N/A	0.0702785	70.278473	22:00	48	0.0109684	10.968431	
22:15	56	0.0085142	8.5141667	21:45	63	0.0161406	16.140594	22:15	N/A	0.072666	72.665964	22:15	48	0.0107902	10.790182	
22:30	56	0.0047756	4.7755805	22:00	63	0.0140775	14.077482	22:30	N/A	0.0802277	80.227739	22:30	48	0.0102817	10.28173	
22:45	56	0.0008568	0.8568072	22:15	63	0.0136368	13.636784	22:45	N/A	0.0832273	83.22727	22:45	48	0.0102661	10.266055	
23:00	56	3.155E-05	0.0315534	22:30	63	0.0152579	15.257883	23:00	N/A	0.0830582	83.058232	23:00	48	0.0096577	9.6576541	
23:15	56	0	0	22:45	63	0.0120836	12.083623	23:15	N/A	0.0812686	81.268615	23:15	48	0.0074177	7.4177442	
23:30	56	0.0003325	0.3324628	23:00	63	0.0115807	11.580727	23:30	N/A	0.0807744	80.77438	23:30	48	0.0067201	6.7201151	
23:45	56	0.0004246	0.4246252	23:15	63	0.0113973	11.397255	23:45	N/A	0.1052793	105.27928	23:45	48	0.0076581	7.6581259	
				23:30	63	0.005167	5.1669864									
				23:45	63	0.0108113	10.811332									

* Field Investigation	On the afternoon of April 11th, the site was de-inventorying in preparation for repair work, and excess free hydrocarbon was sent to the biotreaters from one of the wastewater tanks due to a level issue. The cause is understood and has been addressed and solutions are being implemented.
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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.39	0	0	0	1.4

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)																
4/15/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/15/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/15/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/15/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	6.695E-05	0.0669479	0:00	63	0.0051641	5.164102	0:00	N/A	0.0961572	96.157153	0:00	48	0.0012191	1.2190553	
0:15	56	0.0001002	0.1002388	0:15	63	0.0100114	10.011391	0:15	N/A	0.0933943	93.394338	0:15	48	0.0098704	9.8704387	
0:30	56	1.847E-05	0.018467	0:30	63	0.0142646	14.264579	0:30	N/A	0.0900584	90.058369	0:30	48	0.0085792	8.5791714	
0:45	56	0	0	0:45	63	0.011127	11.12701	0:45	N/A	0.0859489	85.948946	0:45	48	0.0106038	10.603759	
1:00	56	0	0	1:00	63	0.0143666	14.366647	1:00	N/A	0.0820156	82.015612	1:00	48	0.0116273	11.627271	
1:15	56	0	0	1:15	63	0.0144594	14.45944	1:15	N/A	0.0819043	81.904268	1:15	48	0.0097704	9.77035	
1:30	56	0	0	1:30	63	0.0076339	7.6338652	1:30	N/A	0.0863079	86.30792	1:30	48	0.0093426	9.3425557	
1:45	56	0	0	1:45	63	0.0208051	20.805066	1:45	N/A	0.0925854	92.585436	1:45	48	0.0153204	15.320372	
2:00	56	0	0	2:00	63	0.0167176	16.717589	2:00	N/A	0.0983094	98.309446	2:00	48	0.0132612	13.261228	
2:15	56	0	0	2:15	63	0.0245863	24.586258	2:15	N/A	0.1020239	102.02385	2:15	48	0.0172744	17.2744	
2:30	56	0	0	2:30	63	0.026791	26.791	2:30	N/A	0.1066479	106.64788	2:30	48	0.0198475	19.847479	
2:45	56	0	0	2:45	63	0.0273386	27.338608	2:45	N/A	0.1070347	107.03467	2:45	48	0.0208665	20.866549	
3:00	56	0	0	3:00	63	0.0278744	27.874439	3:00	N/A	0.1081573	108.15726	3:00	48	0.0218107	21.810699	
3:15	56	0	0	3:15	63	0.0283735	28.373533	3:15	N/A	0.1101586	110.15863	3:15	48	0.0231124	23.112376	
3:30	56	0	0	3:30	63	0.0125549	12.554946	3:30	N/A	0.1109904	110.99039	3:30	48	0.0084335	8.4335422	
3:45	56	0	0	3:45	63	0.0100734	10.07336	3:45	N/A	0.1114349	111.43488	3:45	48	0.0063151	6.3150523	
4:00	56	0	0	4:00	63	0.0009034	0.9034125	4:00	N/A	0.1132015	113.20154	4:00	48	0.0096223	9.6223275	
4:15	56	0	0	4:15	63	0.0081101	8.1100664	4:15	N/A	0.1167792	116.77922	4:15	48	0.0035286	3.528578	
4:30	56	0	0	4:30	63	0.0023174	2.3174201	4:30	N/A	0.1188664	118.86643	4:30	48	0	0	
4:45	56	0	0	4:45	63	0	0	4:45	N/A	0.1188425	118.84247	4:45	48	0	0	
5:00	56	0	0	5:00	63	0	0	5:00	N/A	0.1187637	118.76366	5:00	48	0.0083684	8.3683669	
5:15	56	0	0	5:15	63	0.0263092	26.309165	5:15	N/A	0.1185818	118.58176	5:15	48	0.0261919	26.19186	
5:30	56	0	0	5:30	63	0.0310033	31.003325	5:30	N/A	0.1189843	118.98426	5:30	48	0.0277032	27.703188	
5:45	56	0	0	5:45	63	0.0312723	31.272283	5:45	N/A	0.1186086	118.60857	5:45	48	0.0310633	31.063284	
6:00	56	0	0	6:00	63	0.0316022	31.602178	6:00	N/A	0.1195808	119.58076	6:00	48	0.036898	36.897957	
6:15	56	0	0	6:15	63	0.0317746	31.7746	6:15	N/A	0.1200463	120.04633	6:15	48	0.0368918	36.891808	
6:30	56	0	0	6:30	63	0.0315454	31.545406	6:30	N/A	0.1181376	118.13758	6:30	48	0.0379335	37.933454	
6:45	56	0	0	6:45	63	0.0314977	31.497739	6:45	N/A	0.1191307	119.13073	6:45	48	0.0393145	39.314491	
7:00	56	0	0	7:00	63	0.0319542	31.954157	7:00	N/A	0.1195066	119.50656	7:00	48	0.0326569	32.656862	
7:15	56	0	0	7:15	63	0.0092824	9.282377	7:15	N/A	0.1181703	118.17034	7:15	48	0.019918	19.917966	
7:30	56	0	0	7:30	63	0.0235951	23.595061	7:30	N/A	0.1196654	119.66541	7:30	48	0.0234847	23.484655	
7:45	56	0	0	7:45	63	0.0333945	33.39452	7:45	N/A	0.1207321	120.73211	7:45	48	0.0391589	39.158916	
8:00	56	0.0014874	1.4873565	8:00	63	0.0336481	33.648074	8:00	N/A	0.1205667	120.56667	8:00	48	0.0465184	46.518374	

8:15	56	0.0055503	5.5503025	8:15	63	0.0339319	33.931856	8:15	N/A	0.122142	122.14203	8:15	48	0.0474427	47.442742	
8:30	56	0.0082003	8.2002995	8:30	63	0.0338607	33.860678	8:30	N/A	0.1200325	120.03246	8:30	48	0.0494493	49.449289	*See Field Investigation Below
8:45	56	0.0084413	8.4413377	8:45	63	0.0343181	34.318063	8:45	N/A	0.1206182	120.61821	8:35	48	0.0496745	49.67446	*See Field Investigation Below
9:00	56	0.0086285	8.62848	9:00	63	0.0344086	34.408637	9:00	N/A	0.1193876	119.38758	8:40	48	0.0487841	48.784135	*See Field Investigation Below
9:15	56	0.0037501	3.7501224	9:15	63	0.0195171	19.51706	9:15	N/A	0.1189337	118.93369	8:45	48	0.0487876	48.787589	*See Field Investigation Below
9:30	56	0	0	9:30	63	0.004023	4.0230029	9:30	N/A	0.117039	117.03902	8:50	48	0.0493471	49.347102	*See Field Investigation Below
9:45	56	0	0	9:45	63	0	0	9:45	N/A	0.1164489	116.44888	8:55	48	0.0493556	49.355638	*See Field Investigation Below
10:00	56	0	0	10:00	63	0	0	10:00	N/A	0.1155275	115.52747	9:00	48	0.0497444	49.744352	*See Field Investigation Below
10:15	56	0	0	10:15	63	0	0	10:15	N/A	0.114513	114.51301	9:05	48	0.0498967	49.896688	*See Field Investigation Below
10:30	56	0	0	10:30	63	0	0	10:30	N/A	0.1127043	112.70433	9:10	48	0.0133034	13.303393	
10:45	56	0	0	10:45	63	0	0	10:45	N/A	0.1099537	109.95372	9:15	48	0.0242953	24.295329	
11:00	56	0	0	11:00	63	0	0	11:00	N/A	0.1069331	106.93308	9:30	48	0	0	
11:15	56	0.0025643	2.5642708	11:15	63	0	0	11:15	N/A	0.1032719	103.27186	9:45	48	0	0	
11:30	56	0.0049242	4.9241611	11:30	63	0.0109627	10.962744	11:30	N/A	0.0991723	99.172274	10:00	48	0	0	
11:45	56	0.002364	2.3639904	11:45	63	0.0067468	6.74678	11:45	N/A	0.0949174	94.917406	10:15	48	0	0	
12:00	56	0	0	12:00	63	0	0	12:00	N/A	0.0899316	89.931591	10:30	48	0	0	
12:15	56	0	0	12:15	63	0	0	12:15	N/A	0.0862058	86.205794	10:45	48	0	0	
12:30	56	0	0	12:30	63	0	0	12:30	N/A	0.0822741	82.274147	11:00	48	0	0	
12:45	56	0.0029882	2.9881517	12:45	63	0	0	12:45	N/A	0.0769456	76.945553	11:15	48	0.0068368	6.8368476	
13:00	56	0.0091309	9.1308991	13:00	63	0.0110122	11.012158	13:00	N/A	0.0709478	70.947842	11:30	48	0.015205	15.204971	
13:15	56	0.0068183	6.8183101	13:15	63	0.0122866	12.286599	13:15	N/A	0.0687177	68.717717	11:45	48	0.0073249	7.3249297	
13:30	56	0	0	13:30	63	0.0042914	4.2913834	13:30	N/A	0.0672627	67.262749	12:00	48	0	0	
13:45	56	0	0	13:45	63	0	0	13:45	N/A	0.0672517	67.251716	12:15	48	0	0	
14:00	56	0	0	14:00	63	0	0	14:00	N/A	0.0678928	67.892833	12:30	48	0	0	
14:15	56	0	0	14:15	63	0	0	14:15	N/A	0.0688385	68.838546	12:45	48	0.0047614	4.7613622	
14:30	56	0	0	14:30	63	0	0	14:30	N/A	0.0704829	70.482905	13:00	48	0.0153289	15.328921	
14:45	56	0	0	14:45	63	0	0	14:45	N/A	0.0686095	68.60947	13:15	48	0.0131284	13.128385	
15:00	56	0	0	15:00	63	0	0	15:00	N/A	0.0668319	66.831856	13:30	48	0	0	
15:15	56	0	0	15:15	63	0	0	15:15	N/A	0.0656124	65.612388	13:45	48	0	0	
15:30	56	0.0031566	3.1565819	15:30	63	0.0047606	4.7605684	15:30	N/A	0.0643958	64.395805	14:00	48	0	0	
15:45	56	0.0044196	4.4195738	15:45	63	0.0045539	4.5539108	15:45	N/A	0.063133	63.132985	14:15	48	0	0	
16:00	56	0	0	16:00	63	0	0	16:00	N/A	0.0617683	61.768274	14:30	48	0	0	
16:15	56	0	0	16:15	63	0	0	16:15	N/A	0.0611559	61.15586	14:45	48	0	0	
16:30	56	0	0	16:30	63	0	0	16:30	N/A	0.0595318	59.531805	15:00	48	0	0	
16:45	56	0	0	16:45	63	0	0	16:45	N/A	0.0575122	57.512196	15:15	48	0	0	
17:00	56	0	0	17:00	63	0	0	17:00	N/A	0.0561625	56.162478	15:30	48	0.0029369	2.9368628	
17:15	56	0	0	17:15	63	0	0	17:15	N/A	0.0546583	54.658315	15:45	48	0.0058743	5.8743343	
17:30	56	0	0	17:30	63	0	0	17:30	N/A	0.0527925	52.792467	16:00	48	0	0	
17:45	56	0	0	17:45	63	0	0	17:45	N/A	0.0509031	50.903069	16:15	48	0	0	
18:00	56	0	0	18:00	63	0	0	18:00	N/A	0.0521005	52.100466	16:30	48	0	0	
18:15	56	0	0	18:15	63	0	0	18:15	N/A	0.0626985	62.698482	16:45	48	0	0	
18:30	56	0	0	18:30	63	0	0	18:30	N/A	0.0704314	70.431364	17:00	48	0	0	
18:45	56	0.0016891	1.6890583	18:45	63	0.0029545	2.9544882	18:45	N/A	0.0707025	70.702462	17:15	48	0	0	
19:00	56	0.0055381	5.5381314	19:00	63	0.0142586	14.258637	19:00	N/A	0.0616019	61.601885	17:30	48	0	0	
19:15	56	0.0051366	5.1366103	19:15	63	0.02149	21.489971	19:15	N/A	0.0546245	54.624541	17:45	48	0	0	
19:30	56	0.002834	2.8339585	19:30	63	0.0197495	19.749525	19:30	N/A	0.0543219	54.321904	18:00	48	0	0	
19:45	56	0.0017464	1.7463986	19:45	63	0.0164467	16.446686	19:45	N/A	0.0568122	56.812205	18:15	48	0	0	
20:00	56	0.0008046	0.8046377	20:00	63	0.0143749	14.374884	20:00	N/A	0.0593034	59.303417	18:30	48	0.08191	0	
20:15	56	0.0004641	0.4641064	20:15	63	0.016906	16.905983	20:15	N/A	0.0624678	62.467756	18:45	48	0.0780997	4.0022009	
20:30	56	0.0002165	0.2165455	20:30	63	0.0164605	16.460542	20:30	N/A	0.0662631	66.263138	19:00	48	0.0142739	14.933824	
20:45	56	0.0006303	0.630301	20:45	63	0.0149895	14.989458	20:45	N/A	0.0684563	68.456334	19:15	48	0.0167355	19.469873	
21:00	56	0.0007809	0.7808998	21:00	63	0.0135323	13.532303	21:00	N/A	0.072254	72.253971	19:30	48	0.106541	19.344065	
21:15	56	0.0015417	1.5417145	21:15	63	0.0152317	15.231652	21:15	N/A	0.0752403	75.240294	19:45	48	0.0302765	18.335187	

21:30	56	0.0001288	0.1287579	21:30	63	0.0119171	11.91712	21:30	N/A	0.0800051	80.005064	20:00	48	0.0159134	15.913445	
21:45	56	0.0007085	0.7084686	21:45	63	0.0148213	14.821325	21:45	N/A	0.0845738	84.573769	20:15	48	0.0222721	22.272069	
22:00	56	0.0010973	1.0973116	22:00	63	0.0203052	20.305166	22:00	N/A	0.0876556	87.655585	20:30	48	0.0240875	24.087522	
22:15	56	0.0004837	0.4836743	22:15	63	0.0183306	18.3306	22:15	N/A	0.0895524	89.552427	20:45	48	0.0243259	24.325889	
22:30	56	0.0003115	0.3115282	22:30	63	0.0170767	17.076735	22:30	N/A	0.091715	91.714951	21:00	48	0.0235472	23.547211	
22:45	56	0.0010485	1.0484751	22:45	63	0.0217787	21.778748	22:45	N/A	0.0936446	93.644611	21:15	48	0.03114	31.139963	
23:00	56	0.0023537	2.3537428	23:00	63	0.0212263	21.226256	23:00	N/A	0.0985564	98.556393	21:30	48	0.0120232	12.023175	
23:15	56	0.0049192	4.9192128	23:15	63	0.029148	29.148018	23:15	N/A	0.1052952	105.29519	21:45	48	0.0233801	23.380092	
23:30	56	0.0038646	3.8645877	23:30	63	0.0273091	27.309062	23:30	N/A	0.1165696	116.5696	22:00	48	0.0369627	36.962735	
23:45	56	0.0037922	3.792193	23:45	63	0.0195804	19.580428	23:45	N/A	0.1279866	127.98656	22:15	48	0.0335563	33.556268	

22:30	48	0.0151058	15.10586	
22:45	48	0.036786	36.786156	
23:00	48	0.021626	21.626751	
23:15	48	0.0452391	45.239096	
23:30	48	0.0371313	37.131309	
23:45	48	0.04665	46.654764	

* Field Investigation	On the afternoon of April 11th, the site was de-inventorying in preparation for repair work, and excess free hydrocarbon was sent to the biotreaters from one of the wastewater tanks due to a level issue. The cause is understood and has been addressed and solutions are being implemented.
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Continuous Air Monitoring System (CAMS) Photoionization Detector Concentration Data (15-min Net Avg)

4/16/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/16/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/16/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/16/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0033037	3.3037197	0:00	63	0.0224386	22.438619	0:00	N/A	0.1207148	120.7148	0:00	48	0.031829	31.828969	
0:15	56	0.003468	3.468028	0:15	63	0.0264275	26.427537	0:15	N/A	0.1244825	124.48245	0:15	48	0.0342931	34.293147	* See Field Investigation Below
0:30	56	0.0055372	5.5372377	0:30	63	0.0221204	22.120406	0:30	N/A	0.1175473	117.54728	0:20	48	0.0490217	49.021693	* See Field Investigation Below
0:45	56	0.0061338	6.1337762	0:45	63	0.0294228	29.422756	0:45	N/A	0.1091618	109.16177	0:25	48	0.049186	49.18596	* See Field Investigation Below
1:00	56	0.0037499	3.7499177	1:00	63	0.0290456	29.045597	1:00	N/A	0.1095431	109.54311	0:30	48	0.0521711	52.171103	* See Field Investigation Below
1:15	56	0.0046768	4.6768113	1:15	63	0.0241302	24.130193	1:15	N/A	0.1079529	107.95287	0:35	48	0.0494618	49.461796	* See Field Investigation Below
1:30	56	0.0024135	2.4134716	1:30	63	0.0132835	13.283471	1:30	N/A	0.1072166	107.2166	0:40	48	0.0276015	27.601474	* See Field Investigation Below
1:45	56	0.0058955	5.8955298	1:45	63	0.0291926	29.192618	1:45	N/A	0.1104441	110.44409	0:45	48	0.0397186	39.71859	
2:00	56	0.0050526	5.052556	2:00	63	0.0285676	28.567564	2:00	N/A	0.1106885	110.68853	0:50	48	0.0935172	93.517244	* See Field Investigation Below
2:15	56	0.0036011	3.6011416	2:15	63	0.0259924	25.992409	2:15	N/A	0.1084574	108.4574	0:55	48	0.0937058	93.705848	* See Field Investigation Below
2:30	56	0.0048887	4.8887359	2:30	63	0.0205776	20.577597	2:30	N/A	0.1093055	109.30551	1:00	48	0.0174677	17.467698	* See Field Investigation Below
2:45	56	0.0064048	6.4048325	2:45	63	0.0265669	26.566856	2:45	N/A	0.1092266	109.22658	1:05	48	0.0036729	3.6728616	* See Field Investigation Below
3:00	56	0.002878	2.8780292	3:00	63	0.0186243	18.624306	3:00	N/A	0.1131663	113.16626	1:10	48	0.0001648	0.1647967	* See Field Investigation Below
3:15	56	0.0066109	6.6108539	3:15	63	0.0202693	20.269301	3:15	N/A	0.1113125	111.31254	1:15	48	0.0518897	51.889656	* See Field Investigation Below
3:30	56	0.005251	5.2509813	3:30	63	0.026676	26.67604	3:30	N/A	0.1072433	107.24331	1:30	48	0.0179218	17.921846	
3:45	56	0.0037057	3.7057435	3:45	63	0.0268454	26.845406	3:45	N/A	0.1065007	106.50069	1:45	48	0.054158	54.158007	* See Field Investigation Below
4:00	56	0.0057677	5.767667	4:00	63	0.0264322	26.432198	4:00	N/A	0.1062486	106.24855	1:50	48	0.0486622	48.662246	* See Field Investigation Below
4:15	56	0.0067564	6.75642	4:15	63	0.0224558	22.455751	4:15	N/A	0.1057406	105.74062	1:55	48	0.0542403	54.24028	* See Field Investigation Below
4:30	56	0.0003627	0.3626875	4:30	63	0.0104614	10.46143	4:30	N/A	0.1036205	103.62048	2:00	48	0.0490207	49.020699	* See Field Investigation Below
4:45	56	0.0078013	7.8012756	4:45	63	0.0224938	22.49384	4:45	N/A	0.103149	103.14902	2:05	48	0.0524966	52.496647	* See Field Investigation Below
5:00	56	0.0001371	0.1371037	5:00	63	0.0030328	3.0327512	5:00	N/A	0.1031214	103.12143	2:10	48	0.0234901	23.490066	* See Field Investigation Below
5:15	56	0.0032313	3.2312588	5:15	63	0.018144	18.143982	5:15	N/A	0.1035544	103.55441	2:15	48	0.0001387	0.1386853	* See Field Investigation Below
5:30	56	0.0062604	6.2603606	5:30	63	0.0266726	26.672602	5:30	N/A	0.104382	104.382	2:30	48	0.0345756	34.575635	
5:45	56	0.0064138	6.413796	5:45	63	0.0256011	25.601127	5:45	N/A	0.1036868	103.68675	2:45	48	0.033279	33.279041	
6:00	56	0.0514954	51.495402	6:00	63	0.0255758	25.575813	6:00	N/A	0.1015946	101.59464	3:00	48	0.0269055	26.905524	
6:15	56	0.0061092	6.1092171	6:15	63	0.0245172	24.517208	6:15	N/A	0.10072	100.71998	3:05	48	0.0510877	51.087673	* See Field Investigation Below
6:30	56	0.0013148	1.3148303	6:30	63	0.0162675	16.26752	6:30	N/A	0.100776	100.77599	3:10	48	0.0509857	50.985739	* See Field Investigation Below
6:45	56	0.004495	4.4949527	6:45	63	0.0178205	17.820542	6:45	N/A	0.0998086	99.808624	3:15	48	0.0180552	18.05516	
7:00	56	0.0037277	3.7277081	7:00	63	0.0250843	25.084316	7:00	N/A	0.099584	99.584047	3:30	48	0.0348101	34.810097	
7:15	56	0.0053157	5.3157305	7:15	63	0.024897	24.89701	7:15	N/A	0.1010889	101.08887	3:45	48	0.050633	50.632974	* See Field Investigation Below
7:30	56	0.0049773	4.9772945	7:30	63	0.0261375	26.137484	7:30	N/A	0.1028298	102.82978	3:50	48	0.0485804	48.580369	* See Field Investigation Below
7:45	56	0.0038302	3.8302297	7:45	63	0.0250373	25.037349	7:45	N/A	0.1063571	106.35706	3:55	48	0.0495357	49.535709	* See Field Investigation Below
8:00	56	0.0026541	2.6540533	8:00	63	0.0193101	19.310064	8:00	N/A	0.1112575	111.25746	4:00	48	0.0507582	50.758201	* See Field Investigation Below
8:15	56	0.0044528	4.4528403	8:15	63	0.0283355	28.335467	8:15	N/A	0.116903	116.90299	4:05	48	0.0496435	49.643458	* See Field Investigation Below
8:30	56	0.0051901	5.1900756	8:30	63	0.0299631	29.963136	8:30	N/A	0.1199091	119.90908	4:10	48	0.0506575	50.657491	* See Field Investigation Below
8:45	56	0.0001207	0.1207185	8:45	63	0.0006956	0.6956188	8:45	N/A	0.1331086	133.10861	4:15	48	0.0239822	23.982152	
9:00	56	2.486E-06	0.0024865	9:00	63	0.0005132	0.5131925	9:00	N/A	0.1356161	135.61609	4:20	48	0	0	
9:15	56	0.0026323	2.632294	9:15	63	0.0115422	11.542245	9:15	N/A	0.1258287	125.82872	4:25	48	0	0	
9:30	56	0.0004192	0.4192416	9:30	63	0.000278	0.27801	9:30	N/A	0.1219511	121.9511	4:30	48	0.0369951	36.995133	
9:45	56	0.0028949	2.894878	9:45	63	0.01103	11.02995	9:45	N/A	0.1207639	120.76393	4:45	48	0.051861	51.860979	* See Field Investigation Below
10:00	56	0.0002825	0.282538	10:00	63	0.0002619	0.2619016	10:00	N/A	0.1382506	138.25061	5:00	48	0.0502146	50.214577	* See Field Investigation Below
10:15	56	0	0	10:15	63	1.973E-05	0.0197319	10:15	N/A	0.1516002	151.60022	5:15	48	0.0238256	23.825632	
10:30	56	0.0117586	11.758565	10:30	63	0.0208697	20.869718	10:30	N/A	0.136546	136.54597	5:30	48	0.032633	32.633009	

10:45	56	0.0065788	6.5788216	10:45	63	0.0115083	11.5083	10:45	N/A	0.1253088	125.30882	5:35	48	0.0534803	53.480276	* See Field Investigation Below
11:00	56	0.0156722	15.67219	11:00	63	0.0271405	27.140505	11:00	N/A	0.1170928	117.09277	5:40	48	0.053525	53.525026	* See Field Investigation Below
11:15	56	0.0169724	16.972351	11:15	63	0.0280509	28.050932	11:15	N/A	0.1002536	100.25365	5:45	48	0.0536688	53.668842	* See Field Investigation Below
11:30	56	0.0183535	18.353505	11:30	63	0.0283986	28.398628	11:30	N/A	0.0956715	95.671471	5:50	48	0.0540884	54.088416	* See Field Investigation Below
11:45	56	0.0204759	20.475909	11:45	63	0.0283107	28.310656	11:45	N/A	0.0911193	91.119286	5:55	48	0.0533402	53.340176	* See Field Investigation Below
12:00	56	0.021745	21.744985	12:00	63	0.028242	28.24201	12:00	N/A	0.0857714	85.771379	6:00	48	0.0500788	50.078835	* See Field Investigation Below
12:15	56	0.0228851	22.885108	12:15	63	0.0286112	28.611244	12:15	N/A	0.0790339	79.033881	6:05	48	0.0497783	49.77835	* See Field Investigation Below
12:30	56	0.0230747	23.07471	12:30	63	0.0285607	28.56071	12:30	N/A	0.0726957	72.695719	6:10	48	0.0486106	48.610577	* See Field Investigation Below
12:45	56	0.021962	21.961984	12:45	63	0.0276011	27.601124	12:45	N/A	0.0671795	67.179527	6:15	48	0.0472996	47.299638	
13:00	56	0.0221303	22.130264	13:00	63	0.027504	27.503955	13:00	N/A	0.0619052	61.905172	6:20	48	0.0488785	48.878542	* See Field Investigation Below
13:15	56	0.0223935	22.393504	13:15	63	0.0274582	27.458227	13:15	N/A	0.0582727	58.272745	6:25	48	0.0348651	34.865055	
13:30	56	0.0220171	22.017134	13:30	63	0.0273062	27.306201	13:30	N/A	0.0579978	57.997796	6:30	48	0	0	
13:45	56	0.0214123	21.412257	13:45	63	0.0273949	27.394904	13:45	N/A	0.0583419	58.341873	6:45	48	0.0357909	35.790867	
14:00	56	0.0204159	20.415913	14:00	63	0.0273108	27.310796	14:00	N/A	0.0568057	56.805651	7:00	48	0.0334776	33.477607	
14:15	56	0.0193774	19.377426	14:15	63	0.0274763	27.476295	14:15	N/A	0.0556818	55.681795	7:05	48	0.0471531	47.153138	
14:30	56	0.0186388	18.638806	14:30	63	0.0267993	26.799258	14:30	N/A	0.0550362	55.036186	7:10	48	0.0504746	50.474602	* See Field Investigation Below
14:45	56	0.0184871	18.487077	14:45	63	0.0270789	27.078888	14:45	N/A	0.0537029	53.702949	7:15	48	0.0479773	47.977347	
15:00	56	0.0177998	17.799785	15:00	63	0.027104	27.103981	15:00	N/A	0.0520512	52.051152	7:20	48	0.0479597	47.959746	
15:15	56	0.0164805	16.480497	15:15	63	0.0263843	26.384262	15:15	N/A	0.0517029	51.702906	7:25	48	0.0520172	52.017193	* See Field Investigation Below
15:30	56	0.0146031	14.603142	15:30	63	0.0254898	25.489782	15:30	N/A	0.051528	51.528023	7:30	48	0.0528693	52.869305	* See Field Investigation Below
15:45	56	0.012819	12.819025	15:45	63	0.0243131	24.313092	15:45	N/A	0.0511798	51.179771	7:35	48	0.0507108	50.710774	* See Field Investigation Below
16:00	56	0.0109384	10.938388	16:00	63	0.023175	23.17495	16:00	N/A	0.0530232	53.0232	7:40	48	0.0504523	50.452321	* See Field Investigation Below
16:15	56	0.0088486	8.8486233	16:15	63	0.0225963	22.596303	16:15	N/A	0.0549129	54.912913	7:45	48	0.0429563	42.956303	
16:30	56	0.006966	6.9659629	16:30	63	0.0209836	20.983595	16:30	N/A	0.0535414	53.541366	7:50	48	0.0067403	6.7402669	
16:45	56	0.0040757	4.0756762	16:45	63	0.0148588	14.858802	16:45	N/A	0.0508548	50.854779	7:55	48	0.0515221	51.522051	* See Field Investigation Below
17:00	56	0.0024583	2.4583328	17:00	63	0.0133752	13.37522	17:00	N/A	0.0545687	54.568726	8:00	48	0.0533615	53.361499	* See Field Investigation Below
17:15	56	0.002338	2.3380341	17:15	63	0.0198402	19.840195	17:15	N/A	0.0621435	62.143511	8:05	48	0.0532208	53.220795	* See Field Investigation Below
17:30	56	0.0014681	1.4681208	17:30	63	0.0221101	22.110078	17:30	N/A	0.0722835	72.283515	8:10	48	0.0564099	56.409871	* See Field Investigation Below
17:45	56	0.0003102	0.3102217	17:45	63	0.0224897	22.489672	17:45	N/A	0.0829759	82.97592	8:15	48	0.0544422	54.442187	* See Field Investigation Below
18:00	56	0	0	18:00	63	0.0225343	22.534278	18:00	N/A	0.0887437	88.743732	8:20	48	0.0541228	54.122767	* See Field Investigation Below
18:15	56	0	0	18:15	63	0.0050089	5.0088826	18:15	N/A	0.0935766	93.576603	8:25	48	0.0548824	54.882403	* See Field Investigation Below
18:30	56	0	0	18:30	63	0	0	18:30	N/A	0.1035951	103.59509	8:30	48	0.0482522	48.25221	* See Field Investigation Below
18:45	56	0	0	18:45	63	0	0	18:45	N/A	0.1107806	110.78057	8:45	48	0	0	
19:00	56	0	0	19:00	63	0	0	19:00	N/A	0.1094983	109.49831	9:00	48	0	0	
19:15	56	0	0	19:15	63	0	0	19:15	N/A	0.1022283	102.22827	9:15	48	0	0	
19:30	56	0	0	19:30	63	0	0	19:30	N/A	0.0944937	94.493721	9:30	48	0.0174758	17.475752	
19:45	56	0	0	19:45	63	0	0	19:45	N/A	0.0889101	88.910075	9:45	48	0.0042629	4.2629145	
20:00	56	0	0	20:00	63	0	0	20:00	N/A	0.0907335	90.733545	10:00	48	0.08191	14.694503	
20:15	56	0	0	20:15	63	0.0041575	4.1574509	20:15	N/A	0.0938394	93.839389	10:15	48	0.0780997	2.9395348	
20:30	56	0	0	20:30	63	0.002079	2.0789545	20:30	N/A	0.096261	96.261034	10:30	48	0.0142739	0	
20:45	56	0	0	20:45	63	0	0	20:45	N/A	0.0967524	96.75243	10:45	48	0.0167355	44.066957	
21:00	56	0	0	21:00	63	0	0	21:00	N/A	0.0965044	96.504424	11:00	48	0.106541	26.242949	
21:15	56	0	0	21:15	63	0.0041981	4.1981047	21:15	N/A	0.0946542	94.654228	11:15	48	0.0302765	47.493616	
21:30	56	0	0	21:30	63	0.0020996	2.0996149	21:30	N/A	0.0897885	89.788534	11:30	48	0.0462673	46.267335	
21:45	56	0	0	21:45	63	0	0	21:45	N/A	0.0839713	83.971302	11:45	48	0.0456678	45.667756	
22:00	56	0	0	22:00	63	0	0	22:00	N/A	0.0815924	81.592428	12:00	48	0.0434085	43.408549	
22:15	56	0	0	22:15	63	0.0057618	5.7618128	22:15	N/A	0.0808909	80.890889	12:15	48	0.0402083	40.20829	
22:30	56	0	0	22:30	63	0.0050243	5.024279	22:30	N/A	0.0812386	81.238609	12:30	48	0.0366987	36.698718	
22:45	56	0	0	22:45	63	0.0027323	2.7323499	22:45	N/A	0.0797641	79.764139	12:45	48	0.0339427	33.942699	
23:00	56	0	0	23:00	63	0.0009606	0.9606147	23:00	N/A	0.0771414	77.141434	13:00	48	0.0312249	31.224923	
23:15	56	0	0	23:15	63	0	0	23:15	N/A	0.0735875	73.587527	13:15	48	0.0285968	28.596827	
23:30	56	0	0	23:30	63	0	0	23:30	N/A	0.0671217	67.12168	13:30	48	0.0263778	26.377782	
23:45	56	0	0	23:45	63	0	0	23:45	N/A	0.0593795	59.379501	13:45	48	0.0257343	25.734269	

* Field Investigation	On the afternoon of April 11th, the site was de-inventorying in preparation for repair work, and excess free hydrocarbon was sent to the biotreaters from one of the wastewater tanks due to a level issue. The cause is understood and has been addressed and solutions are being implemented.
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14:00	48	0.024727	24.727145	
14:15	48	0.024774	24.774669	
14:30	48	0.023837	23.837379	
14:45	48	0.023925	23.925137	
15:00	48	0.0238528	23.852836	
15:15	48	0.023289	23.289102	
15:30	48	0.022875	22.875365	
15:45	48	0.022468	22.468749	
16:00	48	0.022447	22.447788	
16:15	48	0.022661	22.660944	
16:30	48	0.022571	22.571596	
16:45	48	0.021823	21.823497	
17:00	48	0.018331	18.331987	
17:15	48	0.017642	17.642942	
17:30	48	0.027742	27.742596	
17:45	48	0.038589	38.589685	
18:00	48	0.043514	43.514274	
18:15	48	0.03595	35.951544	
18:30	48	0.012983	12.983364	
18:45	48	0	0	
19:00	48	0	0	
19:15	48	0	0	
19:30	48	0	0	
19:45	48	0	0	
20:00	48	0	0	
20:15	48	0	0	
20:30	48	0.007669	7.8123453	
20:45	48	0.006611	6.6110224	
21:00	48	0	0	
21:15	48	0.007669	7.6690586	
21:30	48	0.00649	6.4900074	
21:45	48	0	0	
22:00	48	0	0	
22:15	48	0	0	
22:30	48	0.008629	8.6294202	
22:45	48		17.34858	
23:00	48		9.9607906	
23:15	48		0	
23:30	48		0	
23:45	48		0	



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

4/17/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/17/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/17/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/17/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0	0	0:00	63	0	0	0:00	N/A	0.0537052	53.70524	0:00	48	0	0	
0:15	56	0	0	0:15	63	0	0	0:15	N/A	0.0474051	47.405067	0:15	48	0	0	
0:30	56	0	0	0:30	63	0	0	0:30	N/A	0.0437497	43.749745	0:30	48	0	0	
0:45	56	0	0	0:45	63	0	0	0:45	N/A	0.0414912	41.491235	0:45	48	0	0	
1:00	56	0	0	1:00	63	0	0	1:00	N/A	0.0415862	41.586165	1:00	48	0.0014702	1.4702438	
1:15	56	0	0	1:15	63	0	0	1:15	N/A	0.0424558	42.455813	1:15	48	0.0032406	3.2406033	
1:30	56	0	0	1:30	63	0	0	1:30	N/A	0.0406518	40.651816	1:30	48	0.0019639	1.9638665	
1:45	56	0	0	1:45	63	0	0	1:45	N/A	0.0344979	34.497949	1:45	48	0.0004254	0.425388	
2:00	56	0	0	2:00	63	0	0	2:00	N/A	0.0290816	29.08156	2:00	48	0.0022835	2.2835421	
2:15	56	0	0	2:15	63	0	0	2:15	N/A	0.0261311	26.131098	2:15	48	0.003163	3.1630349	
2:30	56	0	0	2:30	63	0	0	2:30	N/A	0.0258858	25.885848	2:30	48	0.0026089	2.6089112	
2:45	56	0	0	2:45	63	0	0	2:45	N/A	0.0256115	25.611511	2:45	48	0.0034256	3.4255841	
3:00	56	0	0	3:00	63	0	0	3:00	N/A	0.0253346	25.334556	3:00	48	0.0028137	2.8136922	
3:15	56	0	0	3:15	63	0	0	3:15	N/A	0.0249176	24.917613	3:15	48	0.0028094	2.8094169	
3:30	56	0	0	3:30	63	0	0	3:30	N/A	0.0246375	24.637523	3:30	48	0.0028411	2.8410603	
3:45	56	0	0	3:45	63	0	0	3:45	N/A	0.0245408	24.540783	3:45	48	0.0026955	2.6955006	
4:00	56	0	0	4:00	63	0	0	4:00	N/A	0.0244964	24.496383	4:00	48	0.0027052	2.7051973	
4:15	56	0	0	4:15	63	0	0	4:15	N/A	0.0236786	23.678598	4:15	48	0.0020407	2.0407454	
4:30	56	0	0	4:30	63	0	0	4:30	N/A	0.0231613	23.16129	4:30	48	0.0012162	1.2162238	
4:45	56	0	0	4:45	63	0	0	4:45	N/A	0.0221138	22.113838	4:45	48	0.001436	1.4360498	
5:00	56	0	0	5:00	63	0	0	5:00	N/A	0.021007	21.007027	5:00	48	0.0020493	2.0492606	
5:15	56	0	0	5:15	63	0	0	5:15	N/A	0.020545	20.545033	5:15	48	0.0019637	1.9637335	
5:30	56	0	0	5:30	63	0	0	5:30	N/A	0.0193609	19.360949	5:30	48	0.0013834	1.3833595	
5:45	56	0	0	5:45	63	0	0	5:45	N/A	0.0201258	20.125836	5:45	48	0.0019216	1.9216422	
6:00	56	0	0	6:00	63	0	0	6:00	N/A	0.0226207	22.620722	6:00	48	0.002421	2.4210056	
6:15	56	0	0	6:15	63	0	0	6:15	N/A	0.0230778	23.077765	6:15	48	0.002238	2.2380137	
6:30	56	0	0	6:30	63	0	0	6:30	N/A	0.0221669	22.166889	6:30	48	0.001747	1.7470119	
6:45	56	0	0	6:45	63	0	0	6:45	N/A	0.0221737	22.173683	6:45	48	0.0019707	1.9707112	
7:00	56	0	0	7:00	63	0	0	7:00	N/A	0.0220597	22.059708	7:00	48	0.0023481	2.3480724	
7:15	56	0	0	7:15	63	0	0	7:15	N/A	0.0223251	22.325148	7:15	48	0.0024953	2.4953089	
7:30	56	0	0	7:30	63	0	0	7:30	N/A	0.0229763	22.976342	7:30	48	0.0021212	2.121202	
7:45	56	0	0	7:45	63	0	0	7:45	N/A	0.0238454	23.845444	7:45	48	0.002341	2.3409767	
8:00	56	0	0	8:00	63	0	0	8:00	N/A	0.0244884	24.488405	8:00	48	0.0021301	2.1301287	
8:15	56	0	0	8:15	63	0	0	8:15	N/A	0.025293	25.292986	8:15	48	0.0023427	2.3426915	
8:30	56	0	0	8:30	63	0	0	8:30	N/A	0.0267382	26.738224	8:30	48	0.0022991	2.2991347	
8:45	56	0	0	8:45	63	0	0	8:45	N/A	0.0287088	28.70879	8:45	48	0.0039632	3.9632444	
9:00	56	0	0	9:00	63	0	0	9:00	N/A	0.0319785	31.978506	9:00	48	0.0053406	5.3405732	
9:15	56	0	0	9:15	63	1.686E-06	0.0016857	9:15	N/A	0.0346694	34.669399	9:15	48	0.0061073	6.1073161	
9:30	56	0	0	9:30	63	3.733E-06	0.0037327	9:30	N/A	0.0358315	35.831518	9:30	48	0.0065472	6.5471511	
9:45	56	0	0	9:45	63	0	0	9:45	N/A	0.0361148	36.114784	9:45	48	0.0068091	6.8090891	
10:00	56	0	0	10:00	63	0	0	10:00	N/A	0.0348326	34.832644	10:00	48	0.0061307	6.1307046	
10:15	56	0	0	10:15	63	0	0	10:15	N/A	0.0333876	33.387636	10:15	48	0.0041053	4.1053183	
10:30	56	0	0	10:30	63	0	0	10:30	N/A	0.033138	33.138033	10:30	48	0.0038521	3.8520779	

10:45	56	0	0	10:45	63	0	0	10:45	N/A	0.0331212	33.121159	10:45	48	0.0016517	1.6516546
11:00	56	0	0	11:00	63	0	0	11:00	N/A	0.0329826	32.982563	11:00	48	0.0015528	1.5527796
11:15	56	0	0	11:15	63	0	0	11:15	N/A	0.0328562	32.856194	11:15	48	0.0015513	1.5513254
11:30	56	0	0	11:30	63	0	0	11:30	N/A	0.0336747	33.674748	11:30	48	0.0011937	1.1937118
11:45	56	0	0	11:45	63	0	0	11:45	N/A	0.0381078	38.107846	11:45	48	0	0
12:00	56	0	0	12:00	63	5.838E-05	0.0583816	12:00	N/A	0.0401167	40.116686	12:00	48	0.0002099	0.2098562
12:15	56	0	0	12:15	63	0.0001293	0.1292847	12:15	N/A	0.0398674	39.867434	12:15	48	0.0023773	2.3773065
12:30	56	0	0	12:30	63	0	0	12:30	N/A	0.0391534	39.153421	12:30	48	0.0061018	6.101761
12:45	56	0	0	12:45	63	0	0	12:45	N/A	0.0379749	37.97493	12:45	48	0.0021353	2.1352666
13:00	56	0	0	13:00	63	0	0	13:00	N/A	0.0363644	36.364369	13:00	48	0.0013289	1.3288919
13:15	56	0	0	13:15	63	0	0	13:15	N/A	0.0320503	32.050336	13:15	48	0	0
13:30	56	0	0	13:30	63	0	0	13:30	N/A	0.0290926	29.092604	13:30	48	0	0
13:45	56	0	0	13:45	63	0	0	13:45	N/A	0.0293573	29.357265	13:45	48	0	0
14:00	56	0	0	14:00	63	0	0	14:00	N/A	0.0269995	26.999518	14:00	48	0	0
14:15	56	0	0	14:15	63	0	0	14:15	N/A	0.0243184	24.31844	14:15	48	0	0
14:30	56	0	0	14:30	63	0	0	14:30	N/A	0.0225202	22.520156	14:30	48	0	0
14:45	56	0	0	14:45	63	0	0	14:45	N/A	0.0205569	20.556885	14:45	48	0	0
15:00	56	0	0	15:00	63	0	0	15:00	N/A	0.0195612	19.561196	15:00	48	0	0
15:15	56	0	0	15:15	63	0	0	15:15	N/A	0.0192319	19.231853	15:15	48	0	0
15:30	56	0	0	15:30	63	0	0	15:30	N/A	0.017933	17.933047	15:30	48	0	0
15:45	56	0	0	15:45	63	0	0	15:45	N/A	0.018005	18.005003	15:45	48	0	0
16:00	56	0	0	16:00	63	0	0	16:00	N/A	0.0204457	20.445666	16:00	48	0	0
16:15	56	0	0	16:15	63	0	0	16:15	N/A	0.0215065	21.506532	16:15	48	0	0
16:30	56	0	0	16:30	63	0	0	16:30	N/A	0.0228492	22.849228	16:30	48	0	0
16:45	56	0	0	16:45	63	0	0	16:45	N/A	0.0231064	23.106365	16:45	48	0	0
17:00	56	0	0	17:00	63	0	0	17:00	N/A	0.0241083	24.108347	17:00	48	0	0
17:15	56	0	0	17:15	63	0	0	17:15	N/A	0.0266196	26.619602	17:15	48	0	0
17:30	56	0	0	17:30	63	0	0	17:30	N/A	0.0308943	30.894344	17:30	48	0	0
17:45	56	0	0	17:45	63	0	0	17:45	N/A	0.0300857	30.08571	17:45	48	0	0
18:00	56	0	0	18:00	63	0	0	18:00	N/A	0.0278918	27.89182	18:00	48	0	0
18:15	56	0	0	18:15	63	0	0	18:15	N/A	0.027731	27.730986	18:15	48	0	0
18:30	56	0	0	18:30	63	0	0	18:30	N/A	0.0271646	27.164565	18:30	48	0	0
18:45	56	0	0	18:45	63	0	0	18:45	N/A	0.0276642	27.664249	18:45	48	0	0
19:00	56	0	0	19:00	63	0	0	19:00	N/A	0.0252685	25.268482	19:00	48	0	0
19:15	56	0	0	19:15	63	0	0	19:15	N/A	0.0246656	24.665574	19:15	48	0	0
19:30	56	0	0	19:30	63	0	0	19:30	N/A	0.0242806	24.280601	19:30	48	0	0
19:45	56	0	0	19:45	63	0	0	19:45	N/A	0.0231212	23.121213	19:45	48	0	0
20:00	56	0	0	20:00	63	0	0	20:00	N/A	0.0221209	22.120861	20:00	48	0.08191	0
20:15	56	0	0	20:15	63	0	0	20:15	N/A	0.021955	21.955026	20:15	48	0.0780997	0
20:30	56	0	0	20:30	63	0	0	20:30	N/A	0.0222434	22.243351	20:30	48	0.0142739	0.0234552
20:45	56	0	0	20:45	63	0	0	20:45	N/A	0.0237497	23.749747	20:45	48	0.0167355	0.4769213
21:00	56	0	0	21:00	63	0	0	21:00	N/A	0.0256957	25.695739	21:00	48	0.106541	0.1345111
21:15	56	0	0	21:15	63	0	0	21:15	N/A	0.0258688	25.868762	21:15	48	0.0302765	0
21:30	56	0	0	21:30	63	0	0	21:30	N/A	0.0261027	26.102701	21:30	48	0	0
21:45	56	0	0	21:45	63	0	0	21:45	N/A	0.0258395	25.839499	21:45	48	0	0
22:00	56	0	0	22:00	63	0	0	22:00	N/A	0.0239594	23.959356	22:00	48	0	0
22:15	56	0	0	22:15	63	0	0	22:15	N/A	0.0227819	22.781936	22:15	48	0	0
22:30	56	0	0	22:30	63	0	0	22:30	N/A	0.0225065	22.506496	22:30	48	0	0
22:45	56	0	0	22:45	63	0	0	22:45	N/A	0.0215885	21.588465	22:45	48	0	0
23:00	56	0	0	23:00	63	0	0	23:00	N/A	0.0214074	21.407355	23:00	48	0	0
23:15	56	0	0	23:15	63	0	0	23:15	N/A	0.0210223	21.022278	23:15	48	0	0
23:30	56	0	0	23:30	63	0	0	23:30	N/A	0.0188703	18.870292	23:30	48	0	0
23:45	56	0	0	23:45	63	0	0	23:45	N/A	0.0173526	17.352568	23:45	48	0	0



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

4/18/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/18/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/18/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/18/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0	0	0:00	63	0	0	0:00	N/A	0.0165538	16.553773	0:00	48	0	0	
0:15	56	0	0	0:15	63	0	0	0:15	N/A	0.0169573	16.957265	0:15	48	0	0	
0:30	56	0	0	0:30	63	0	0	0:30	N/A	0.0176634	17.663439	0:30	48	0	0	
0:45	56	0	0	0:45	63	0	0	0:45	N/A	0.016738	16.737972	0:45	48	0	0	
1:00	56	0	0	1:00	63	0	0	1:00	N/A	0.0160426	16.042566	1:00	48	0	0	
1:15	56	0	0	1:15	63	0	0	1:15	N/A	0.0164935	16.493451	1:15	48	0	0	
1:30	56	0	0	1:30	63	0	0	1:30	N/A	0.0171162	17.116172	1:30	48	0	0	
1:45	56	0	0	1:45	63	0	0	1:45	N/A	0.0159709	15.970877	1:45	48	0	0	
2:00	56	0	0	2:00	63	0	0	2:00	N/A	0.0134559	13.455865	2:00	48	0	0	
2:15	56	0	0	2:15	63	0	0	2:15	N/A	0.0124762	12.476162	2:15	48	0	0	
2:30	56	0	0	2:30	63	0	0	2:30	N/A	0.0124454	12.445382	2:30	48	0	0	
2:45	56	0	0	2:45	63	0	0	2:45	N/A	0.0134115	13.411474	2:45	48	0	0	
3:00	56	0	0	3:00	63	0	0	3:00	N/A	0.0158706	15.870628	3:00	48	0	0	
3:15	56	0	0	3:15	63	0	0	3:15	N/A	0.0175244	17.52442	3:15	48	0	0	
3:30	56	0	0	3:30	63	0	0	3:30	N/A	0.018233	18.232973	3:30	48	0	0	
3:45	56	0	0	3:45	63	0	0	3:45	N/A	0.0181979	18.197946	3:45	48	0	0	
4:00	56	0	0	4:00	63	0	0	4:00	N/A	0.0175042	17.504164	4:00	48	0	0	
4:15	56	0	0	4:15	63	0	0	4:15	N/A	0.0161709	16.170906	4:15	48	0	0	
4:30	56	0	0	4:30	63	0	0	4:30	N/A	0.0156138	15.613781	4:30	48	0	0	
4:45	56	0	0	4:45	63	0	0	4:45	N/A	0.0140658	14.065843	4:45	48	0	0	
5:00	56	0	0	5:00	63	0	0	5:00	N/A	0.0131842	13.184172	5:00	48	0	0	
5:15	56	0	0	5:15	63	0	0	5:15	N/A	0.0122064	12.206408	5:15	48	0	0	
5:30	56	0	0	5:30	63	0	0	5:30	N/A	0.0116528	11.652842	5:30	48	0	0	
5:45	56	0	0	5:45	63	0	0	5:45	N/A	0.0112845	11.284532	5:45	48	0	0	
6:00	56	0	0	6:00	63	0	0	6:00	N/A	0.0113463	11.346313	6:00	48	0	0	
6:15	56	0	0	6:15	63	0	0	6:15	N/A	0.0113368	11.336776	6:15	48	0	0	
6:30	56	0	0	6:30	63	0	0	6:30	N/A	0.0119001	11.900063	6:30	48	0	0	
6:45	56	0	0	6:45	63	0	0	6:45	N/A	0.0120084	12.008428	6:45	48	0	0	
7:00	56	0	0	7:00	63	0	0	7:00	N/A	0.0115998	11.599792	7:00	48	0	0	
7:15	56	0	0	7:15	63	0	0	7:15	N/A	0.0107691	10.769078	7:15	48	0	0	
7:30	56	0	0	7:30	63	0	0	7:30	N/A	0.0094284	9.4283677	7:30	48	0	0	
7:45	56	0	0	7:45	63	0	0	7:45	N/A	0.0084029	8.4028589	7:45	48	0	0	
8:00	56	0	0	8:00	63	0	0	8:00	N/A	0.0083362	8.3361938	8:00	48	0	0	
8:15	56	0	0	8:15	63	0	0	8:15	N/A	0.0084717	8.4717156	8:15	48	0	0	
8:30	56	0	0	8:30	63	0	0	8:30	N/A	0.0087666	8.7666184	8:30	48	0	0	
8:45	56	0	0	8:45	63	0	0	8:45	N/A	0.0104339	10.433881	8:45	48	0	0	
9:00	56	0	0	9:00	63	0	0	9:00	N/A	0.0113059	11.305904	9:00	48	0	0	
9:15	56	0	0	9:15	63	0	0	9:15	N/A	0.0110503	11.050286	9:15	48	0	0	
9:30	56	0	0	9:30	63	0	0	9:30	N/A	0.0118152	11.81523	9:30	48	0	0	
9:45	56	0	0	9:45	63	0	0	9:45	N/A	0.0119422	11.942215	9:45	48	0	0	
10:00	56	0	0	10:00	63	0	0	10:00	N/A	0.011745	11.745011	10:00	48	0	0	
10:15	56	0	0	10:15	63	0	0	10:15	N/A	0.0117043	11.70434	10:15	48	0	0	
10:30	56	0	0	10:30	63	0	0	10:30	N/A	0.0115048	11.504778	10:30	48	0	0	

10:45	56	0	0	10:45	63	0	0	10:45	N/A	0.0121346	12.134591	10:45	48	0	0
11:00	56	0	0	11:00	63	0	0	11:00	N/A	0.0121074	12.107397	11:00	48	0	0
11:15	56	0	0	11:15	63	0	0	11:15	N/A	0.0121372	12.137191	11:15	48	0	0
11:30	56	0	0	11:30	63	0	0	11:30	N/A	0.011651	11.650962	11:30	48	0	0
11:45	56	0	0	11:45	63	0	0	11:45	N/A	0.0118726	11.872578	11:45	48	0	0
12:00	56	0	0	12:00	63	0	0	12:00	N/A	0.0118507	11.850729	12:00	48	0	0
12:15	56	0	0	12:15	63	0	0	12:15	N/A	0.0118665	11.866451	12:15	48	0	0
12:30	56	0	0	12:30	63	0	0	12:30	N/A	0.0114598	11.459844	12:30	48	0	0
12:45	56	0	0	12:45	63	0	0	12:45	N/A	0.0105393	10.539288	12:45	48	0	0
13:00	56	0	0	13:00	63	0	0	13:00	N/A	0.0096451	9.645143	13:00	48	0	0
13:15	56	0	0	13:15	63	0	0	13:15	N/A	0.0090584	9.0584158	13:15	48	0	0
13:30	56	0	0	13:30	63	0	0	13:30	N/A	0.0091948	9.194842	13:30	48	0	0
13:45	56	0	0	13:45	63	0	0	13:45	N/A	0.0096426	9.6426129	13:45	48	0	0
14:00	56	0	0	14:00	63	0	0	14:00	N/A	0.0105699	10.569913	14:00	48	0	0
14:15	56	0	0	14:15	63	0	0	14:15	N/A	0.0107952	10.795241	14:15	48	0	0
14:30	56	0	0	14:30	63	0	0	14:30	N/A	0.0114075	11.407475	14:30	48	0	0
14:45	56	0	0	14:45	63	0	0	14:45	N/A	0.0118056	11.805598	14:45	48	0	0
15:00	56	0	0	15:00	63	0	0	15:00	N/A	0.0116803	11.680283	15:00	48	0	0
15:15	56	0	0	15:15	63	0	0	15:15	N/A	0.0114504	11.450367	15:15	48	0	0
15:30	56	0	0	15:30	63	0	0	15:30	N/A	0.0111477	11.147717	15:30	48	0	0
15:45	56	0	0	15:45	63	0	0	15:45	N/A	0.0115331	11.533058	15:45	48	0	0
16:00	56	0	0	16:00	63	0	0	16:00	N/A	0.0118426	11.842649	16:00	48	0	0
16:15	56	0	0	16:15	63	0	0	16:15	N/A	0.0113173	11.317311	16:15	48	0	0
16:30	56	0	0	16:30	63	0	0	16:30	N/A	0.0118577	11.857731	16:30	48	0	0
16:45	56	0	0	16:45	63	0	0	16:45	N/A	0.0114484	11.448413	16:45	48	0	0
17:00	56	0	0	17:00	63	0	0	17:00	N/A	0.0121471	12.147097	17:00	48	0	0
17:15	56	0	0	17:15	63	0	0	17:15	N/A	0.0132194	13.219358	17:15	48	0	0
17:30	56	0	0	17:30	63	0	0	17:30	N/A	0.0124342	12.434218	17:30	48	0	0
17:45	56	0	0	17:45	63	0	0	17:45	N/A	0.0128164	12.816416	17:45	48	0	0
18:00	56	0	0	18:00	63	0	0	18:00	N/A	0.0129553	12.955345	18:00	48	0	0
18:15	56	0	0	18:15	63	0	0	18:15	N/A	0.0131522	13.15219	18:15	48	0	0
18:30	56	0	0	18:30	63	0	0	18:30	N/A	0.0133531	13.353076	18:30	48	0	0
18:45	56	0	0	18:45	63	0	0	18:45	N/A	0.0130135	13.013461	18:45	48	0	0
19:00	56	0	0	19:00	63	0	0	19:00	N/A	0.0134204	13.420384	19:00	48	0	0
19:15	56	0	0	19:15	63	0	0	19:15	N/A	0.0134182	13.418223	19:15	48	0	0
19:30	56	0	0	19:30	63	0	0	19:30	N/A	0.013761	13.760972	19:30	48	0	0
19:45	56	0	0	19:45	63	0	0	19:45	N/A	0.0143315	14.331533	19:45	48	0	0
20:00	56	0	0	20:00	63	0	0	20:00	N/A	0.0151382	15.138198	20:00	48	0.08191	0
20:15	56	0	0	20:15	63	0	0	20:15	N/A	0.0149217	14.921665	20:15	48	0.0780997	0
20:30	56	0	0	20:30	63	0	0	20:30	N/A	0.0157292	15.729159	20:30	48	0.0142739	0
20:45	56	0	0	20:45	63	0	0	20:45	N/A	0.0162546	16.254552	20:45	48	0.0167355	0
21:00	56	0	0	21:00	63	0	0	21:00	N/A	0.0177533	17.753312	21:00	48	0.106541	0
21:15	56	0	0	21:15	63	0	0	21:15	N/A	0.0187383	18.738262	21:15	48	0.0302765	0
21:30	56	0	0	21:30	63	0	0	21:30	N/A	0.0183813	18.381276	21:30	48	0	0
21:45	56	0	0	21:45	63	0	0	21:45	N/A	0.0189586	18.958571	21:45	48	0	0
22:00	56	0	0	22:00	63	0	0	22:00	N/A	0.0209735	20.973526	22:00	48	0	0
22:15	56	0	0	22:15	63	0	0	22:15	N/A	0.0207015	20.701459	22:15	48	0	0
22:30	56	0	0	22:30	63	0	0	22:30	N/A	0.0213265	21.326475	22:30	48	0	0
22:45	56	0	0	22:45	63	0	0	22:45	N/A	0.021799	21.799015	22:45	48	0	0
23:00	56	0	0	23:00	63	0	0	23:00	N/A	0.0218488	21.848772	23:00	48	0	0
23:15	56	0	0	23:15	63	9.193E-05	0.091925	23:15	N/A	0.0235038	23.503822	23:15	48	0	0
23:30	56	0	0	23:30	63	0.0003294	0.3293884	23:30	N/A	0.023497	23.496999	23:30	48	0	0
23:45	56	0	0	23:45	63	0.0001398	0.1398136	23:45	N/A	0.0246273	24.627306	23:45	48	0	0



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

4/19/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/19/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/19/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/19/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0	0	0:00	63	0	0	0:00	N/A	0.0238146	23.814648	0:00	48	0	0	
0:15	56	0	0	0:15	63	0	0	0:15	N/A	0.0227987	22.798694	0:15	48	0	0	
0:30	56	0	0	0:30	63	0	0	0:30	N/A	0.0251885	25.188492	0:30	48	0	0	
0:45	56	0	0	0:45	63	0	0	0:45	N/A	0.022542	22.542008	0:45	48	0	0	
1:00	56	0	0	1:00	63	0	0	1:00	N/A	0.0232424	23.2424	1:00	48	0	0	
1:15	56	0	0	1:15	63	0	0	1:15	N/A	0.0240047	24.00468	1:15	48	0	0	
1:30	56	0	0	1:30	63	0	0	1:30	N/A	0.0234707	23.470747	1:30	48	0	0	
1:45	56	0	0	1:45	63	0	0	1:45	N/A	0.0235257	23.525703	1:45	48	0	0	
2:00	56	0	0	2:00	63	0	0	2:00	N/A	0.0203386	20.338627	2:00	48	1.242E-06	0.0012421	
2:15	56	0	0	2:15	63	0	0	2:15	N/A	0.020495	20.49498	2:15	48	2.793E-05	0.0279343	
2:30	56	0	0	2:30	63	0	0	2:30	N/A	0.0195949	19.594914	2:30	48	6.476E-07	0.0006476	
2:45	56	0	0	2:45	63	0	0	2:45	N/A	0.0195256	19.525589	2:45	48	0	0	
3:00	56	0	0	3:00	63	0	0	3:00	N/A	0.0203315	20.331491	3:00	48	0	0	
3:15	56	0	0	3:15	63	0	0	3:15	N/A	0.0208312	20.831202	3:15	48	0	0	
3:30	56	0	0	3:30	63	0	0	3:30	N/A	0.0196422	19.642185	3:30	48	0	0	
3:45	56	0	0	3:45	63	0	0	3:45	N/A	0.0180849	18.084906	3:45	48	0	0	
4:00	56	0	0	4:00	63	0	0	4:00	N/A	0.0186481	18.648076	4:00	48	0	0	
4:15	56	0	0	4:15	63	0	0	4:15	N/A	0.0197407	19.740702	4:15	48	0	0	
4:30	56	0	0	4:30	63	0	0	4:30	N/A	0.0169996	16.999567	4:30	48	0	0	
4:45	56	0	0	4:45	63	0	0	4:45	N/A	0.0167352	16.735193	4:45	48	0	0	
5:00	56	0	0	5:00	63	0	0	5:00	N/A	0.0168643	16.864306	5:00	48	0	0	
5:15	56	0	0	5:15	63	0	0	5:15	N/A	0.0166698	16.6669796	5:15	48	0	0	
5:30	56	0	0	5:30	63	1.91E-06	0.0019095	5:30	N/A	0.0176485	17.648491	5:30	48	0	0	
5:45	56	0	0	5:45	63	4.438E-05	0.0443755	5:45	N/A	0.0177989	17.798946	5:45	48	0	0	
6:00	56	0	0	6:00	63	8.658E-05	0.0865831	6:00	N/A	0.0164628	16.462772	6:00	48	0	0	
6:15	56	0	0	6:15	63	0.0002195	0.2194524	6:15	N/A	0.0170512	17.051179	6:15	48	0	0	
6:30	56	0	0	6:30	63	0.0005198	0.5197501	6:30	N/A	0.0166933	16.693291	6:30	48	0	0	
6:45	56	0	0	6:45	63	0.0010937	1.0937447	6:45	N/A	0.0175328	17.532823	6:45	48	0	0	
7:00	56	0	0	7:00	63	0.0012582	1.2581896	7:00	N/A	0.0189104	18.910358	7:00	48	0	0	
7:15	56	0	0	7:15	63	0.0017444	1.7443746	7:15	N/A	0.021064	21.063995	7:15	48	0	0	
7:30	56	0	0	7:30	63	0.0014592	1.4591869	7:30	N/A	0.0218544	21.854445	7:30	48	0	0	
7:45	56	0	0	7:45	63	0.0024896	2.4895836	7:45	N/A	0.0233284	23.328384	7:45	48	0	0	
8:00	56	0	0	8:00	63	0.0023064	2.3064354	8:00	N/A	0.0253605	25.360549	8:00	48	0	0	
8:15	56	0	0	8:15	63	0.0022285	2.228472	8:15	N/A	0.0267408	26.74076	8:15	48	0	0	
8:30	56	0	0	8:30	63	0.0025543	2.5542701	8:30	N/A	0.0292052	29.205151	8:30	48	0	0	
8:45	56	0	0	8:45	63	0.003124	3.1239565	8:45	N/A	0.0317068	31.706754	8:45	48	0	0	
9:00	56	0	0	9:00	63	0.0020133	2.0133035	9:00	N/A	0.0341385	34.138548	9:00	48	0	0	
9:15	56	0	0	9:15	63	0.0018074	1.8074274	9:15	N/A	0.0363228	36.322813	9:15	48	0	0	
9:30	56	1.231E-07	0.0001231	9:30	63	0.0016135	1.6135401	9:30	N/A	0.0342124	34.212434	9:30	48	0	0	
9:45	56	0.0001253	0.1253497	9:45	63	0.0010457	1.0457273	9:45	N/A	0.0309491	30.949103	9:45	48	0	0	
10:00	56	1.956E-05	0.0195618	10:00	63	0.0005667	0.5667156	10:00	N/A	0.0294003	29.400255	10:00	48	0	0	
10:15	56	3.529E-05	0.0352878	10:15	63	0.0001891	0.1890738	10:15	N/A	0.0259307	25.930693	10:15	48	0	0	
10:30	56	6.812E-05	0.0681227	10:30	63	4.198E-06	0.0041985	10:30	N/A	0.0222767	22.276696	10:30	48	0	0	

10:45	56	4.979E-05	0.0497894	10:45	63	0	0	10:45	N/A	0.0224232	22.423183	10:45	48	0	0
11:00	56	1.111E-06	0.001111	11:00	63	0	0	11:00	N/A	0.0230012	23.00122	11:00	48	0	0
11:15	56	0	0	11:15	63	0	0	11:15	N/A	0.022637	22.636973	11:15	48	0	0
11:30	56	0	0	11:30	63	0	0	11:30	N/A	0.0227377	22.737737	11:30	48	0	0
11:45	56	0.0001951	0.1951041	11:45	63	0	0	11:45	N/A	0.0225232	22.523229	11:45	48	0	0
12:00	56	4.965E-06	0.0049648	12:00	63	0	0	12:00	N/A	0.0223636	22.363556	12:00	48	0	0
12:15	56	0	0	12:15	63	0	0	12:15	N/A	0.0242311	24.231148	12:15	48	0	0
12:30	56	0	0	12:30	63	0	0	12:30	N/A	0.0253366	25.336598	12:30	48	0	0
12:45	56	0	0	12:45	63	0	0	12:45	N/A	0.0250772	25.07723	12:45	48	0	0
13:00	56	0	0	13:00	63	0	0	13:00	N/A	0.0256852	25.685166	13:00	48	0	0
13:15	56	0	0	13:15	63	0	0	13:15	N/A	0.0250667	25.066662	13:15	48	0	0
13:30	56	0	0	13:30	63	0	0	13:30	N/A	0.0245604	24.560426	13:30	48	0	0
13:45	56	0	0	13:45	63	0	0	13:45	N/A	0.0226862	22.686233	13:45	48	0	0
14:00	56	0	0	14:00	63	0	0	14:00	N/A	0.0213494	21.34936	14:00	48	0	0
14:15	56	0	0	14:15	63	0	0	14:15	N/A	0.021626	21.625969	14:15	48	0	0
14:30	56	0.0001843	0.1843346	14:30	63	0	0	14:30	N/A	0.0209742	20.974209	14:30	48	0	0
14:45	56	6.58E-05	0.0657992	14:45	63	0	0	14:45	N/A	0.0201936	20.193642	14:45	48	0	0
15:00	56	0.0003802	0.3801735	15:00	63	0	0	15:00	N/A	0.0188179	18.817943	15:00	48	0	0
15:15	56	0.000262	0.2619751	15:15	63	0.0001301	0.1301258	15:15	N/A	0.0177857	17.785674	15:15	48	0	0
15:30	56	0.000506	0.5059853	15:30	63	4.251E-05	0.0425092	15:30	N/A	0.0163123	16.312338	15:30	48	0	0
15:45	56	0.0004493	0.4493292	15:45	63	0.0001533	0.1532644	15:45	N/A	0.0158605	15.860549	15:45	48	0	0
16:00	56	6.691E-05	0.066914	16:00	63	3.954E-05	0.0395377	16:00	N/A	0.0163009	16.300912	16:00	48	0	0
16:15	56	0.0006643	0.6643074	16:15	63	0.0003749	0.3748662	16:15	N/A	0.0164456	16.445644	16:15	48	0	0
16:30	56	0.0007564	0.7564026	16:30	63	0.0006874	0.6874001	16:30	N/A	0.0158571	15.857116	16:30	48	0	0
16:45	56	0.0019877	1.9877461	16:45	63	0.0029096	2.9096454	16:45	N/A	0.0156375	15.637511	16:45	48	0	0
17:00	56	0.0003447	0.3446954	17:00	63	0.0010192	1.0192339	17:00	N/A	0.0147784	14.778365	17:00	48	0	0
17:15	56	0.0015786	1.5785997	17:15	63	0.0026709	2.6708992	17:15	N/A	0.0141991	14.199131	17:15	48	0	0
17:30	56	0.0031562	3.1561519	17:30	63	0.0058962	5.8961527	17:30	N/A	0.0135055	13.505517	17:30	48	0	0
17:45	56	0.0041919	4.1918933	17:45	63	0.0075078	7.5078454	17:45	N/A	0.0134616	13.461555	17:45	48	0	0
18:00	56	0.0024802	2.4801724	18:00	63	0.0047152	4.7152039	18:00	N/A	0.012777	12.777002	18:00	48	0	0
18:15	56	0.0022792	2.2791733	18:15	63	0.0037707	3.7706885	18:15	N/A	0.0122329	12.232909	18:15	48	0	0
18:30	56	0.0005275	0.527499	18:30	63	0.0013035	1.3035108	18:30	N/A	0.012275	12.275	18:30	48	0	0
18:45	56	0	0	18:45	63	0.0003676	0.367583	18:45	N/A	0.0136516	13.651589	18:45	48	0	0
19:00	56	0	0	19:00	63	0.0003849	0.3849024	19:00	N/A	0.0141211	14.121064	19:00	48	0	0
19:15	56	0.0049465	4.9465162	19:15	63	0.0103865	10.386457	19:15	N/A	0.0146621	14.662116	19:15	48	0	0
19:30	56	0.0056231	5.6230687	19:30	63	0.0135576	13.557606	19:30	N/A	0.020259	20.259042	19:30	48	0	0
19:45	56	0.0048398	4.839837	19:45	63	0.012454	12.453985	19:45	N/A	0.0234467	23.446674	19:45	48	0	0
20:00	56	0.0041043	4.1043094	20:00	63	0.0110704	11.070425	20:00	N/A	0.0247012	24.701156	20:00	48	0.08191	0
20:15	56	0.0038012	3.8012124	20:15	63	0.009308	9.3079765	20:15	N/A	0.0280155	28.015507	20:15	48	0.0780997	0
20:30	56	0.0039441	3.9441372	20:30	63	0.0070353	7.0352958	20:30	N/A	0.0326055	32.605499	20:30	48	0.0142739	0.3212855
20:45	56	0.0037778	3.7778083	20:45	63	0.0053274	5.3274117	20:45	N/A	0.0322744	32.274432	20:45	48	0.0167355	0.4864998
21:00	56	0.0038349	3.8348824	21:00	63	0.0040764	4.0764199	21:00	N/A	0.0319233	31.923332	21:00	48	0.106541	0.5610145
21:15	56	0.0029556	2.9556497	21:15	63	0.0035018	3.5017649	21:15	N/A	0.0342837	34.283698	21:15	48	0.0302765	0.5820507
21:30	56	0.0030779	3.0778802	21:30	63	0.0036857	3.6856817	21:30	N/A	0.0401653	40.165348	21:30	48	0.0075986	7.5985575
21:45	56	0.003222	3.2219747	21:45	63	0.0039909	3.9909323	21:45	N/A	0.0451418	45.141849	21:45	48	0.0081002	8.1002129
22:00	56	0.0027656	2.7655738	22:00	63	0.0041553	4.1552614	22:00	N/A	0.0460028	46.002784	22:00	48	0	0
22:15	56	0.0018965	1.8965342	22:15	63	0.0031738	3.1738144	22:15	N/A	0.0458173	45.817253	22:15	48	0.0012511	1.2510589
22:30	56	0.0038321	3.8320872	22:30	63	0.0044625	4.4624654	22:30	N/A	0.0463843	46.384286	22:30	48	0.0017186	1.7186488
22:45	56	0.0036811	3.6810969	22:45	63	0.0051925	5.192529	22:45	N/A	0.0460296	46.029616	22:45	48	0.0013343	1.3342725
23:00	56	0.0027388	2.7387811	23:00	63	0.005198	5.1979662	23:00	N/A	0.0472381	47.238054	23:00	48	0.0025369	2.5369266
23:15	56	0.0029608	2.9607522	23:15	63	0.005058	5.0580459	23:15	N/A	0.0463954	46.395386	23:15	48	0.0010323	1.0323137
23:30	56	0.0031828	3.1827514	23:30	63	0.0050481	5.0481311	23:30	N/A	0.0454988	45.498816	23:30	48	0.000861	0.8610006
23:45	56	0.0027478	2.7478399	23:45	63	0.0054927	5.4926646	23:45	N/A	0.0476507	47.650731	23:45	48	0.0016656	1.6655991



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.17	0	0	0	0.67

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)																
4/20/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/20/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/20/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/20/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0018198	1.8198199	0:00	63	0.0056362	5.6361858	0:00	N/A	0.0487294	48.729449	0:00	48	0.0014882	1.4882412	
0:15	56	0.0018452	1.8452053	0:15	63	0.004983	4.9830333	0:15	N/A	0.0481758	48.17583	0:15	48	0.0013424	1.3423948	
0:30	56	0.0019216	1.921553	0:30	63	0.0047159	4.7158612	0:30	N/A	0.048005	48.005044	0:30	48	0.0016567	1.6567267	
0:45	56	0.0009272	0.9271794	0:45	63	0.0051645	5.1644559	0:45	N/A	0.0480914	48.091404	0:45	48	0.002084	2.0839669	
1:00	56	0.0007974	0.797417	1:00	63	0.0052887	5.2887202	1:00	N/A	0.0488252	48.825178	1:00	48	0.0004535	0.4534976	
1:15	56	0.0012348	1.2348474	1:15	63	0.0053109	5.3109315	1:15	N/A	0.0494283	49.428339	1:15	48	0.0019533	1.9532578	
1:30	56	0.0006333	0.6333335	1:30	63	0.0055866	5.586591	1:30	N/A	0.0497793	49.779327	1:30	48	0.0024718	2.4718417	
1:45	56	0.000202	0.2020222	1:45	63	0.0057078	5.7077687	1:45	N/A	0.049635	49.635025	1:45	48	0.0015077	1.5077291	
2:00	56	0.000213	0.2130104	2:00	63	0.0059776	5.9776132	2:00	N/A	0.0498595	49.859468	2:00	48	0.0034666	3.4665605	
2:15	56	0.000408	0.4079594	2:15	63	0.0055383	5.5383336	2:15	N/A	0.0492985	49.298548	2:15	48	0.0024083	2.4082973	
2:30	56	0.0006535	0.6535207	2:30	63	0.0056709	5.6709449	2:30	N/A	0.0485235	48.523467	2:30	48	0.0013821	1.3820992	
2:45	56	0.0006335	0.6335392	2:45	63	0.0066068	6.606791	2:45	N/A	0.0485281	48.52812	2:45	48	0.0019909	1.9909382	
3:00	56	0.0002368	0.2367746	3:00	63	0.0064573	6.4573354	3:00	N/A	0.049857	49.856951	3:00	48	0.001317	1.3170138	
3:15	56	0	0	3:15	63	0.0063556	6.3555636	3:15	N/A	0.0511377	51.137654	3:15	48	0.0013497	1.3496546	
3:30	56	0.000194	0.1940276	3:30	63	0.0062048	6.2048225	3:30	N/A	0.0507689	50.768944	3:30	48	0.0032962	3.296211	
3:45	56	0.0002038	0.2037856	3:45	63	0.0062786	6.2785636	3:45	N/A	0.0504675	50.467513	3:45	48	0.0032944	3.2944058	
4:00	56	0.000493	0.4929826	4:00	63	0.0066803	6.680262	4:00	N/A	0.0502313	50.231303	4:00	48	0.0022334	2.2333801	
4:15	56	0.000785	0.7849735	4:15	63	0.0067698	6.7698216	4:15	N/A	0.0509082	50.908177	4:15	48	0.0032152	3.2151588	
4:30	56	0.0005863	0.5863384	4:30	63	0.0070958	7.0957502	4:30	N/A	0.0510835	51.083493	4:30	48	0.0035603	3.5603299	
4:45	56	0.0002282	0.2281974	4:45	63	0.0072282	7.2281971	4:45	N/A	0.0505619	50.561853	4:45	48	0.0026902	2.6902137	
5:00	56	7.022E-05	0.070216	5:00	63	0.0070556	7.0556324	5:00	N/A	0.0506989	50.698921	5:00	48	0.0029326	2.9326162	
5:15	56	0.0001519	0.1518819	5:15	63	0.0076516	7.6515993	5:15	N/A	0.0510195	51.01954	5:15	48	0.0026063	2.6063395	
5:30	56	0.0001406	0.1405623	5:30	63	0.0082452	8.2452152	5:30	N/A	0.0518381	51.838083	5:30	48	0.0030229	3.0228577	
5:45	56	0.0001426	0.1425899	5:45	63	0.0089311	8.9310907	5:45	N/A	0.0528309	52.830867	5:45	48	0.0027818	2.7818402	
6:00	56	8.193E-05	0.0819324	6:00	63	0.0095824	9.5824344	6:00	N/A	0.0530971	53.097113	6:00	48	0.0021066	2.1065949	
6:15	56	0	0	6:15	63	0.0100326	10.032554	6:15	N/A	0.0543888	54.388777	6:15	48	0.0033357	3.3357252	
6:30	56	3.386E-05	0.0338589	6:30	63	0.0110139	11.013932	6:30	N/A	0.0558357	55.835659	6:30	48	0.0052247	5.2247218	
6:45	56	4.233E-05	0.042327	6:45	63	0.012119	12.119018	6:45	N/A	0.056441	56.44097	6:45	48	0.0062618	6.2618318	
7:00	56	0.0001225	0.1225121	7:00	63	0.0124323	12.432292	7:00	N/A	0.0566979	56.697898	7:00	48	0.005765	5.7649852	
7:15	56	0.0001532	0.1531517	7:15	63	0.0123915	12.391453	7:15	N/A	0.0576167	57.61672	7:15	48	0.0069113	6.9112827	
7:30	56	0	0	7:30	63	0.013071	13.071007	7:30	N/A	0.0603326	60.332601	7:30	48	0.0073858	7.3858056	
7:45	56	0	0	7:45	63	0.0146321	14.632131	7:45	N/A	0.0647553	64.755327	7:45	48	0.0090428	9.042775	
8:00	56	6.915E-05	0.0691462	8:00	63	0.0161453	16.145253	8:00	N/A	0.0703463	70.34627	8:00	48	0.0096279	9.6278932	

8:15	56	0.0004268	0.4267775	8:15	63	0.014738	14.738025	8:15	N/A	0.0757126	75.712628	8:15	48	0.0085599	8.5599438
8:30	56	0.0014166	1.4166111	8:30	63	0.0132707	13.270715	8:30	N/A	0.0790527	79.052657	8:30	48	0.0082232	8.2232457
8:45	56	0.0022435	2.2435058	8:45	63	0.0152588	15.25882	8:45	N/A	0.080836	80.835996	8:45	48	0.0074918	7.4917983
9:00	56	0.0027098	2.7097781	9:00	63	0.0143065	14.306499	9:00	N/A	0.0820683	82.068291	9:00	48	0.0059134	5.9133847
9:15	56	0.0023796	2.3796117	9:15	63	0.0151323	15.132275	9:15	N/A	0.085753	85.753014	9:15	48	0.0074449	7.4449384
9:30	56	0.0018151	1.8151396	9:30	63	0.0066407	6.6406974	9:30	N/A	0.0883619	88.36188	9:30	48	0.001507	1.5070491
9:45	56	0.0036559	3.655927	9:45	63	0.0171393	17.139267	9:45	N/A	0.0908389	90.83893	9:45	48	0.0075266	7.5266114
10:00	56	0.0012146	1.2146478	10:00	63	0.0059102	5.9101801	10:00	N/A	0.0967788	96.778825	10:00	48	0.0029875	2.9874523
10:15	56	0	0	10:15	63	0	0	10:15	N/A	0.1032957	103.29567	10:15	48	0.0001554	0.1553854
10:30	56	0.0028626	2.862616	10:30	63	0.0056801	5.680067	10:30	N/A	0.1027826	102.78264	10:30	48	0.0042175	4.2175314
10:45	56	0.0083695	8.3695298	10:45	63	0.0227889	22.788875	10:45	N/A	0.0949225	94.922527	10:45	48	0.0099155	9.9155429
11:00	56	0.010257	10.257017	11:00	63	0.0219629	21.962913	11:00	N/A	0.0858819	85.881897	11:00	48	0.0093573	9.3573144
11:15	56	0.0122233	12.223295	11:15	63	0.0225106	22.51056	11:15	N/A	0.0801803	80.180314	11:15	48	0.0087722	8.7721982
11:30	56	0.0138259	13.825856	11:30	63	0.0226484	22.648419	11:30	N/A	0.0753041	75.304125	11:30	48	0.0084661	8.4660797
11:45	56	0.0154698	15.469768	11:45	63	0.0227903	22.790259	11:45	N/A	0.0695805	69.580477	11:45	48	0.0079712	7.9711813
12:00	56	0.015589	15.588977	12:00	63	0.0217267	21.726651	12:00	N/A	0.0640908	64.0908	12:00	48	0.0079941	7.9941244
12:15	56	0.0123428	12.342836	12:15	63	0.0155071	15.507126	12:15	N/A	0.0613847	61.384688	12:15	48	0.0057091	5.7091165
12:30	56	0.0109136	10.913593	12:30	63	0.0144966	14.496599	12:30	N/A	0.0600415	60.041532	12:30	48	0.0057245	5.7244675
12:45	56	0.0071039	7.1039258	12:45	63	0.0083568	8.3567555	12:45	N/A	0.0584898	58.489847	12:45	48	0.0031499	3.1498914
13:00	56	0.0076585	7.6584548	13:00	63	0.0086001	8.6000587	13:00	N/A	0.0568144	56.81444	13:00	48	0.0028426	2.8425931
13:15	56	0.0132363	13.236319	13:15	63	0.0117092	11.709226	13:15	N/A	0.0554035	55.403477	13:15	48	0.0029146	2.9146118
13:30	56	0.0258143	25.81432	13:30	63	0.0262588	26.258809	13:30	N/A	0.0545443	54.544291	13:30	48	0.0084984	8.4984424
13:45	56	0.0272706	27.270608	13:45	63	0.027194	27.194045	13:45	N/A	0.0526369	52.636884	13:45	48	0.0086918	8.6917806
14:00	56	0.0262542	26.254212	14:00	63	0.0265708	26.570834	14:00	N/A	0.0499887	49.988668	14:00	48	0.0070555	7.0555323
14:15	56	0.0227106	22.710594	14:15	63	0.0193269	19.326898	14:15	N/A	0.0457566	45.756644	14:15	48	0.0054954	5.495425
14:30	56	0.0314337	31.433676	14:30	63	0.0276445	27.644456	14:30	N/A	0.0435082	43.508159	14:30	48	0.008821	8.8210056
14:45	56	0.0321928	32.192815	14:45	63	0.0283776	28.377632	14:45	N/A	0.0431537	43.153726	14:45	48	0.0096559	9.6559401
15:00	56	0.0323649	32.364937	15:00	63	0.0285196	28.519562	15:00	N/A	0.043541	43.540979	15:00	48	0.0105653	10.565263
15:15	56	0.0330047	33.004712	15:15	63	0.0288179	28.817896	15:15	N/A	0.043708	43.708039	15:15	48	0.0110079	11.007869
15:30	56	0.0335004	33.500405	15:30	63	0.0291535	29.153544	15:30	N/A	0.043431	43.43099	15:30	48	0.0111559	11.155926
15:45	56	0.0340817	34.08169	15:45	63	0.0294095	29.409541	15:45	N/A	0.0411554	41.15537	15:45	48	0.0116503	11.650334
16:00	56	0.033826	33.825994	16:00	63	0.0295475	29.547462	16:00	N/A	0.0395789	39.578907	16:00	48	0.0115134	11.513382
16:15	56	0.0330669	33.066892	16:15	63	0.0302009	30.200949	16:15	N/A	0.0390559	39.055894	16:15	48	0.011681	11.681028
16:30	56	0.0330198	33.019794	16:30	63	0.0303161	30.316077	16:30	N/A	0.0381383	38.138268	16:30	48	0.0117261	11.726071
16:45	56	0.0328241	32.824111	16:45	63	0.0311996	31.199551	16:45	N/A	0.0378789	37.878933	16:45	48	0.0123374	12.337353
17:00	56	0.0330712	33.071246	17:00	63	0.0320937	32.093661	17:00	N/A	0.0368294	36.829364	17:00	48	0.0126916	12.691637
17:15	56	0.0310131	31.01309	17:15	63	0.032584	32.584036	17:15	N/A	0.0348269	34.826855	17:15	48	0.0128316	12.831581
17:30	56	0.0181432	18.143206	17:30	63	0.0205214	20.521432	17:30	N/A	0.0340486	34.048585	17:30	48	0.0093405	9.3404661
17:45	56	0.005834	5.8340318	17:45	63	0.004357	4.3570181	17:45	N/A	0.0338452	33.845226	17:45	48	0.0007731	0.7731371
18:00	56	0.0308508	30.850783	18:00	63	0.0352303	35.230341	18:00	N/A	0.0333069	33.306854	18:00	48	0.0117044	11.704429
18:15	56	0.0178797	17.879688	18:15	63	0.0250063	25.006347	18:15	N/A	0.0340242	34.024238	18:15	48	0.0101688	10.168841
18:30	56	0.0054503	5.4503185	18:30	63	0.0040759	4.0759161	18:30	N/A	0.0348472	34.847214	18:30	48	0.0014762	1.4762399
18:45	56	0.0303254	30.325355	18:45	63	0.0357274	35.727443	18:45	N/A	0.0343038	34.303771	18:45	48	0.0135637	13.563686
19:00	56	0.0285976	28.597585	19:00	63	0.0339366	33.936612	19:00	N/A	0.035284	35.284013	19:00	48	0.0144404	14.440359
19:15	56	0.0269176	26.917599	19:15	63	0.0315182	31.51822	19:15	N/A	0.0376279	37.627927	19:15	48	0.0134805	13.480475
19:30	56	0.0243826	24.382565	19:30	63	0.0295345	29.534508	19:30	N/A	0.0407876	40.787597	19:30	48	0.0123469	12.346948
19:45	56	0.0223588	22.358826	19:45	63	0.0275664	27.566377	19:45	N/A	0.0427055	42.705537	19:45	48	0.0118019	11.801925
20:00	56	0.0201812	20.18124	20:00	63	0.025316	25.31605	20:00	N/A	0.0426763	42.676298	20:00	48	0.08191	11.153621
20:15	56	0.0184919	18.491913	20:15	63	0.0228308	22.830844	20:15	N/A	0.0430284	43.028392	20:15	48	0.0780997	10.410464
20:30	56	0.0164937	16.493654	20:30	63	0.0207796	20.779601	20:30	N/A	0.0443641	44.364121	20:30	48	0.0142739	9.4775685
20:45	56	0.0157627	15.76268	20:45	63	0.0186984	18.6984	20:45	N/A	0.0478362	47.836197	20:45	48	0.0167355	8.8921701
21:00	56	0.0162522	16.252216	21:00	63	0.0171365	17.136527	21:00	N/A	0.0503979	50.397914	21:00	48	0.106541	8.3005612
21:15	56	0.0154917	15.491701	21:15	63	0.0153076	15.307572	21:15	N/A	0.0546502	54.650173	21:15	48	0.0302765	7.6281562

21:30	56	0.0110696	11.069604	21:30	63	0.0141523	14.152324	21:30	N/A	0.0615482	61.548239	21:30	48	0.0072958	7.2957832	
21:45	56	0.0140326	14.032637	21:45	63	0.012486	12.485979	21:45	N/A	0.0677925	67.792462	21:45	48	0.0073354	7.335369	
22:00	56	0.0077851	7.7851288	22:00	63	0.0133996	13.399604	22:00	N/A	0.0752495	75.249463	22:00	48	0.0074203	7.4203453	
22:15	56	0.0079492	7.9491981	22:15	63	0.0134907	13.490747	22:15	N/A	0.079855	79.854991	22:15	48	0.0084121	8.4120749	
22:30	56	0.0074211	7.4210841	22:30	63	0.0142478	14.247759	22:30	N/A	0.0836556	83.655645	22:30	48	0.0095764	9.5764335	
22:45	56	0.0062559	6.2559495	22:45	63	0.0145037	14.503651	22:45	N/A	0.0848709	84.870938	22:45	48	0.0113292	11.329182	
23:00	56	0.0046695	4.6695111	23:00	63	0.0155219	15.521886	23:00	N/A	0.08569	85.689994	23:00	48	0.0143067	14.30672	
23:15	56	0.0044672	4.4671694	23:15	63	0.0143992	14.39925	23:15	N/A	0.0882803	88.28032	23:05	48	0.0610847	61.084701	* See Field Investigation Below
23:30	56	0.0057148	5.7147873	23:30	63	0.0144736	14.473583	23:30	N/A	0.0882094	88.209363	23:10	48	0.165416	165.41597	* See Field Investigation Below
23:45	56	0.0043633	4.3632503	23:45	63	0.0145397	14.539699	23:45	N/A	0.0891576	89.157579	23:15	48	0	0	
												23:20	48	0	0	
												23:25	48	0.064292	64.292753	* See Field Investigation Below
												23:30	48	0.1605717	160.57166	* See Field Investigation Below
												23:35	48	0.063916	63.916045	* See Field Investigation Below
												23:40	48	0	0	
												23:45	48	0	0	

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

4/21/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/21/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/21/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/21/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.0032434	3.2434118	0:00	63	0.0144116	14.411569	0:00	N/A	0.0890631	89.063063	0:00	48	0.0039754	3.9754361	
0:15	56	0.0027266	2.7266479	0:15	63	0.0142562	14.256245	0:15	N/A	0.0879221	87.92206	0:15	48	0.0087195	8.7195155	
0:30	56	0.0030148	3.014829	0:30	63	0.013904	13.904017	0:30	N/A	0.0865078	86.507805	0:30	48	0.0097954	9.7953571	
0:45	56	0.0043003	4.3003244	0:45	63	0.0147963	14.796301	0:45	N/A	0.0870073	87.007293	0:45	48	0.0098457	9.8457222	
1:00	56	0.0042149	4.2148696	1:00	63	0.0157321	15.732109	1:00	N/A	0.0883723	88.372276	1:00	48	0.0115062	11.506189	
1:15	56	0.0029125	2.912497	1:15	63	0.015471	15.471007	1:15	N/A	0.0899296	89.929568	1:15	48	0.0107354	10.735423	
1:30	56	0.0044912	4.4912009	1:30	63	0.0160932	16.093213	1:30	N/A	0.0916883	91.688299	1:30	48	0.0119473	11.947286	
1:45	56	0.0045077	4.5077341	1:45	63	0.0176654	17.665364	1:45	N/A	0.0926837	92.683652	1:45	48	0.0119241	11.924073	
2:00	56	0.0026492	2.6491878	2:00	63	0.0174	17.400012	2:00	N/A	0.0946941	94.694119	2:00	48	0.0113705	11.370465	
2:15	56	0.0056082	5.6082275	2:15	63	0.0174608	17.46084	2:15	N/A	0.0961782	96.178226	2:15	48	0.0127988	12.798788	
2:30	56	0.0028213	2.8213344	2:30	63	0.0181058	18.105775	2:30	N/A	0.096034	96.033975	2:30	48	0.0139786	13.978631	
2:45	56	0.0034581	3.4580656	2:45	63	0.0190113	19.011294	2:45	N/A	0.0952413	95.241287	2:45	48	0.0143591	14.359082	
3:00	56	0.0034764	3.4764012	3:00	63	0.0195661	19.566078	3:00	N/A	0.0954592	95.459221	3:00	48	0.0133736	13.373561	
3:15	56	0.0027045	2.7044694	3:15	63	0.0188944	18.894421	3:15	N/A	0.0984811	98.481108	3:15	48	0.0124918	12.491756	
3:30	56	0.002279	2.2790049	3:30	63	0.0176827	17.682746	3:30	N/A	0.1007731	100.7731	3:30	48	0.013725	13.724971	
3:45	56	0.003683	3.6829645	3:45	63	0.0173904	17.390403	3:45	N/A	0.1018077	101.8077	3:45	48	0.0137454	13.745402	
4:00	56	0.0020073	2.0072643	4:00	63	0.0181869	18.18694	4:00	N/A	0.1021084	102.10838	4:00	48	0.0148622	14.862243	
4:15	56	0.0018272	1.827183	4:15	63	0.0182181	18.218057	4:15	N/A	0.1006941	100.69409	4:15	48	0.0152055	15.205487	
4:30	56	0.0016517	1.6517218	4:30	63	0.0192725	19.27246	4:30	N/A	0.103297	103.29698	4:30	48	0.0132822	13.282243	
4:45	56	0.0035099	3.5099355	4:45	63	0.0197592	19.759152	4:45	N/A	0.105199	105.19897	4:45	48	0.0126961	12.696127	
5:00	56	0.0028331	2.8331328	5:00	63	0.0194196	19.419645	5:00	N/A	0.1051942	105.19421	5:00	48	0.0136322	13.632212	
5:15	56	0.0021734	2.1734327	5:15	63	0.0199832	19.983212	5:15	N/A	0.1052222	105.22224	5:15	48	0.0142792	14.279243	
5:30	56	0.001784	1.7840184	5:30	63	0.020253	20.253042	5:30	N/A	0.1045156	104.51557	5:30	48	0.0136997	13.699688	
5:45	56	0.0007537	0.7537366	5:45	63	0.021904	21.903975	5:45	N/A	0.1044379	104.43794	5:45	48	0.0139205	13.920481	
6:00	56	0.0014448	1.4448298	6:00	63	0.0235991	23.599086	6:00	N/A	0.1037387	103.73872	6:00	48	0.0143258	14.325772	
6:15	56	0.0017184	1.7183598	6:15	63	0.0245432	24.543168	6:15	N/A	0.1006221	100.6221	6:15	48	0.0143694	14.3694	
6:30	56	0.0024685	2.4685055	6:30	63	0.0248701	24.870135	6:30	N/A	0.0971078	97.107827	6:30	48	0.0146612	14.661218	
6:45	56	0.0017269	1.7269253	6:45	63	0.0251235	25.123503	6:45	N/A	0.0964416	96.44158	6:45	48	0.0150897	15.089694	
7:00	56	0.0012034	1.2033878	7:00	63	0.02563	25.630033	7:00	N/A	0.0978143	97.81427	7:00	48	0.0162669	16.266901	
7:15	56	0.0008991	0.8990996	7:15	63	0.0261818	26.181835	7:15	N/A	0.101026	101.02603	7:15	48	0.0166896	16.689589	
7:30	56	0.0006375	0.6375225	7:30	63	0.0274005	27.400484	7:30	N/A	0.1068053	106.80531	7:30	48	0.0130306	13.030597	
7:45	56	0.0007906	0.7905724	7:45	63	0.022473	22.473011	7:45	N/A	0.1143113	114.31126	7:45	48	0.0133868	13.386789	
8:00	56	0.0011037	1.1037378	8:00	63	0.0276369	27.636915	8:00	N/A	0.1212176	121.21755	8:00	48	0.0144104	14.410356	
8:15	56	0.0010923	1.0922965	8:15	63	0.0250876	25.087614	8:15	N/A	0.1264766	126.4766	8:15	48	0.0162033	16.203306	
8:30	56	0.0017609	1.7608655	8:30	63	0.0279576	27.957571	8:30	N/A	0.1306554	130.65537	8:30	48	0.0189706	18.970559	
8:45	56	0.0017913	1.7912622	8:45	63	0.0255623	25.562293	8:45	N/A	0.1335638	133.56376	8:45	48	0.0194694	19.469362	
9:00	56	0.0011965	1.1965073	9:00	63	0.0156369	15.636903	9:00	N/A	0.1342793	134.27932	9:00	48	0.0130513	13.051349	
9:15	56	0.0008602	0.8601822	9:15	63	0.011064	11.063978	9:15	N/A	0.1370975	137.0975	9:15	48	0.0062477	6.2477471	
9:30	56	0.0008642	0.8641997	9:30	63	0.0111328	11.132794	9:30	N/A	0.1391975	139.19749	9:30	48	0.0109098	10.909826	
9:45	56	0.0013801	1.3800965	9:45	63	0.0185419	18.54189	9:45	N/A	0.1383787	138.37866	9:45	48	0.0100497	10.049748	
10:00	56	0.0023186	2.3186123	10:00	63	0.027562	27.562	10:00	N/A	0.1353713	135.37125	10:00	48	0.0125348	12.534803	
10:15	56	0.0007355	0.73546	10:15	63	0.0131862	13.186207	10:15	N/A	0.1215228	121.5228	10:15	48	0.0073312	7.3312454	
10:30	56	0	0	10:30	63	0	0	10:30	N/A	0.1005966	100.59663	10:30	48	0	0	

10:45	56	0	0	10:45	63	0	0	10:45	N/A	0.086639	86.638997	10:45	48	0	0
11:00	56	0	0	11:00	63	0	0	11:00	N/A	0.0826684	82.668384	11:00	48	0	0
11:15	56	0	0	11:15	63	0	0	11:15	N/A	0.0801264	80.126446	11:15	48	0.001491	1.4909934
11:30	56	0.0023423	2.3423149	11:30	63	0.0043991	4.3990912	11:30	N/A	0.078356	78.356002	11:30	48	0.0024559	2.4559274
11:45	56	0.0038099	3.8099276	11:45	63	0.008828	8.8279534	11:45	N/A	0.0773477	77.347701	11:45	48	0.0034739	3.4738698
12:00	56	0.0073607	7.3607299	12:00	63	0.0144931	14.493099	12:00	N/A	0.0760182	76.018207	12:00	48	0.0062859	6.2858575
12:15	56	0.0059267	5.9266929	12:15	63	0.0139146	13.91463	12:15	N/A	0.0727876	72.787608	12:15	48	0.003848	3.8479686
12:30	56	0.0013846	1.3845941	12:30	63	0.0046513	4.6512892	12:30	N/A	0.0702755	70.275546	12:30	48	0.0027456	2.7455524
12:45	56	0	0	12:45	63	0	0	12:45	N/A	0.07005	70.049982	12:45	48	0	0
13:00	56	0	0	13:00	63	0	0	13:00	N/A	0.0699614	69.961379	13:00	48	0	0
13:15	56	0	0	13:15	63	0	0	13:15	N/A	0.069811	69.811021	13:15	48	0	0
13:30	56	0	0	13:30	63	0	0	13:30	N/A	0.0671704	67.170425	13:30	48	0	0
13:45	56	0	0	13:45	63	0	0	13:45	N/A	0.0650282	65.028174	13:45	48	0	0
14:00	56	0	0	14:00	63	0	0	14:00	N/A	0.0645596	64.559649	14:00	48	0	0
14:15	56	0.0035312	3.5312026	14:15	63	0.0042689	4.2689226	14:15	N/A	0.0620021	62.002131	14:15	48	0.0025564	2.5563856
14:30	56	0.0060063	6.0062597	14:30	63	0.0096488	9.648779	14:30	N/A	0.0607119	60.711854	14:30	48	0.005661	5.660969
14:45	56	0.0021149	2.1149238	14:45	63	0.0047439	4.7438737	14:45	N/A	0.0634156	63.415606	14:45	48	0	0
15:00	56	0	0	15:00	63	0	0	15:00	N/A	0.0652344	65.234402	15:00	48	0	0
15:15	56	0	0	15:15	63	0	0	15:15	N/A	0.0660761	66.076095	15:15	48	0	0
15:30	56	0.0031817	3.1817226	15:30	63	0.0043104	4.3103683	15:30	N/A	0.0656994	65.699411	15:30	48	0.0010225	1.0224644
15:45	56	0.0023253	2.3252846	15:45	63	0.0053883	5.3882893	15:45	N/A	0.0639151	63.915113	15:45	48	0.0028817	2.8816852
16:00	56	0	0	16:00	63	0	0	16:00	N/A	0.0624571	62.457094	16:00	48	0	0
16:15	56	0	0	16:15	63	0	0	16:15	N/A	0.0601139	60.113867	16:15	48	0	0
16:30	56	0	0	16:30	63	0	0	16:30	N/A	0.0565868	56.586833	16:30	48	0	0
16:45	56	0	0	16:45	63	0	0	16:45	N/A	0.0554256	55.425558	16:45	48	0.0013261	1.3260654
17:00	56	0.0087237	8.7236727	17:00	63	0.012737	12.737031	17:00	N/A	0.0568238	56.823789	17:00	48	0.005378	5.3779814
17:15	56	0.0123557	12.355677	17:15	63	0.0248784	24.878436	17:15	N/A	0.0569646	56.964633	17:15	48	0.0094882	9.4882065
17:30	56	0.0096523	9.6523433	17:30	63	0.0185326	18.532647	17:30	N/A	0.0549668	54.966827	17:30	48	0.0117414	11.741411
17:45	56	0.011538	11.538036	17:45	63	0.0215061	21.506077	17:45	N/A	0.0527134	52.713424	17:45	48	0.0079334	7.9333945
18:00	56	0.0065499	6.5498985	18:00	63	0.0166298	16.629787	18:00	N/A	0.0520925	52.092491	18:00	48	0.0058664	5.8664289
18:15	56	0	0	18:15	63	0	0	18:15	N/A	0.0507057	50.705697	18:15	48	0	0
18:30	56	0	0	18:30	63	0	0	18:30	N/A	0.0493863	49.386273	18:30	48	0	0
18:45	56	0	0	18:45	63	0	0	18:45	N/A	0.0499331	49.933092	18:45	48	0	0
19:00	56	0	0	19:00	63	0	0	19:00	N/A	0.0523582	52.358182	19:00	48	0	0
19:15	56	0	0	19:15	63	0	0	19:15	N/A	0.0554426	55.442638	19:15	48	0	0
19:30	56	0	0	19:30	63	0	0	19:30	N/A	0.0586196	58.619564	19:30	48	0	0
19:45	56	0.000899	0.8989713	19:45	63	0.0019911	1.9911355	19:45	N/A	0.0628193	62.819313	19:45	48	0.000395	0.3950465
20:00	56	0.0016507	1.6506675	20:00	63	0.0064338	6.4337573	20:00	N/A	0.0657998	65.799842	20:00	48	0.08191	3.5492273
20:15	56	0.0009627	0.9626748	20:15	63	0.0044703	4.4702556	20:15	N/A	0.0674829	67.482945	20:15	48	0.0780997	3.1272033
20:30	56	0	0	20:30	63	0	0	20:30	N/A	0.0705411	70.541135	20:30	48	0.0142739	0
20:45	56	0	0	20:45	63	0	0	20:45	N/A	0.078815	78.81497	20:45	48	0.0167355	0
21:00	56	0	0	21:00	63	0	0	21:00	N/A	0.1043957	104.39566	21:00	48	0.106541	0
21:15	56	0	0	21:15	63	0	0	21:15	N/A	0.125539	125.53897	21:15	48	0.0302765	0
21:30	56	0	0	21:30	63	0	0	21:30	N/A	0.141809	141.80903	21:30	48	0	0
21:45	56	0	0	21:45	63	0	0	21:45	N/A	0.1501771	150.17712	21:45	48	0	0
22:00	56	0	0	22:00	63	0	0	22:00	N/A	0.1532739	153.27386	22:00	48	0	0
22:15	56	0	0	22:15	63	0	0	22:15	N/A	0.1542603	154.26033	22:15	48	0	0
22:30	56	0	0	22:30	63	0	0	22:30	N/A	0.1539035	153.90349	22:30	48	0	0
22:45	56	0	0	22:45	63	0	0	22:45	N/A	0.1525885	152.58849	22:45	48	0	0
23:00	56	0	0	23:00	63	0	0	23:00	N/A	0.1497701	149.77012	23:00	48	0	0
23:15	56	0	0	23:15	63	0	0	23:15	N/A	0.1488193	148.81934	23:15	48	0.0004029	0.4029036
23:30	56	0	0	23:30	63	0.0020728	2.0727527	23:30	N/A	0.1473874	147.38736	23:30	48	0.0086661	8.6660869
23:45	56	0	0	23:45	63	0.0095877	9.5876606	23:45	N/A	0.1443446	144.34457	23:45	48	0	0



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0	0	0	0	0.26

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

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

4/22/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/22/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/22/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/22/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0	0	0:00	63	0	0	0:00	N/A	0.1437224	143.72236	0:00	48	0	0	
0:15	56	0	0	0:15	63	0	0	0:15	N/A	0.143537	143.53696	0:15	48	0	0	
0:30	56	0	0	0:30	63	0	0	0:30	N/A	0.1441616	144.16161	0:30	48	0	0	
0:45	56	0	0	0:45	63	0	0	0:45	N/A	0.1461178	146.11784	0:45	48	0	0	
1:00	56	0	0	1:00	63	0	0	1:00	N/A	0.1476058	147.60575	1:00	48	0.000507	0.5069971	
1:15	56	0	0	1:15	63	0.0043807	4.3807209	1:15	N/A	0.1520497	152.04965	1:15	48	0.0120213	12.021332	
1:30	56	0.0001007	0.1007254	1:30	63	0.026176	26.175991	1:30	N/A	0.1576604	157.66044	1:30	48	0.0251268	25.126771	
1:45	56	0.0003918	0.3917826	1:45	63	0.035627	35.627049	1:45	N/A	0.1623912	162.39117	1:45	48	0.043685	43.68501	
2:00	56	0.0006832	0.6832028	2:00	63	0.0157054	15.705365	2:00	N/A	0.1644606	164.46055	2:00	48	0.0029919	2.9919162	
2:15	56	0.0016826	1.6826426	2:15	63	0.0294892	29.489214	2:15	N/A	0.1641787	164.1787	2:15	48	0.0443241	44.324072	
2:30	56	0.0023544	2.3543716	2:30	63	0.0388942	38.894164	2:30	N/A	0.1642378	164.2378	2:30	48	0.0445071	44.507056	
2:45	56	0.002665	2.6650294	2:45	63	0.0284249	28.424872	2:45	N/A	0.1635661	163.56608	2:45	48	0.0317202	31.720173	
3:00	56	0.0025057	2.5057247	3:00	63	0.0399724	39.972377	3:00	N/A	0.1633983	163.39833	3:00	48	0.1115071	111.50714	* See Field Investigation below
3:15	56	0.002422	2.4219894	3:15	63	0.0399347	39.934714	3:15	N/A	0.1638329	163.83285	3:05	48	0.0362604	36.260442	
3:30	56	0.0026203	2.620339	3:30	63	0.0403351	40.335058	3:30	N/A	0.1636571	163.65709	3:10	48	0.0362604	36.935857	
3:45	56	0.0021042	2.1041542	3:45	63	0.0399558	39.955841	3:45	N/A	0.1650125	165.01253	3:15	48	0.050295	50.295676	* SeeField Investigation Below
4:00	56	0.0017555	1.7554558	4:00	63	0.0393892	39.389244	4:00	N/A	0.1659045	165.90447	3:20	48	0.49142	49.142323	* SeeField Investigation Below
4:15	56	0.0016125	1.6124791	4:15	63	0.0390263	39.026255	4:15	N/A	0.1651436	165.14358	3:25	48	0.044228	44.228801	
4:30	56	0.0019092	1.9092342	4:30	63	0.0390022	39.002176	4:30	N/A	0.1639452	163.94516	3:30	48	0.0469994	46.999474	
4:45	56	0.0028576	2.8575602	4:45	63	0.0385317	38.531713	4:45	N/A	0.1634733	163.4733	3:45	48	0.047546	47.545994	
5:00	56	0.0034208	3.4208352	5:00	63	0.0378927	37.892701	5:00	N/A	0.1624862	162.48624	4:00	48	0.0462793	46.279297	
5:15	56	0.0034445	3.4445432	5:15	63	0.0377599	37.759893	5:15	N/A	0.1610265	161.02653	4:15	48	0.0462767	46.276734	
5:30	56	0.0034387	3.4386555	5:30	63	0.0375398	37.539825	5:30	N/A	0.1600496	160.04963	4:30	48	0.0476129	47.612875	
5:45	56	0.0024449	2.4449129	5:45	63	0.0364717	36.471705	5:45	N/A	0.1590295	159.02954	4:45	48	0.0469609	46.960852	
6:00	56	0.0019813	1.9813425	6:00	63	0.0356262	35.626241	6:00	N/A	0.1569709	156.97093	5:00	48	0.0467601	46.760084	
6:15	56	0.0020535	2.0535082	6:15	63	0.0351493	35.149349	6:15	N/A	0.1561	156.09999	5:15	48	0.0458582	45.858158	
6:30	56	0.0007814	0.7814311	6:30	63	0.0234961	23.496081	6:30	N/A	0.1560877	156.08769	5:30	48	0.0467584	46.758383	
6:45	56	0.0011006	1.1006455	6:45	63	0.0335355	33.535547	6:45	N/A	0.1553358	155.33575	5:45	48	0.0457297	45.729718	
7:00	56	0.0010655	1.0655284	7:00	63	0.0328036	32.803598	7:00	N/A	0.1540784	154.07837	6:00	48	0.0434193	43.419297	
7:15	56	0	0	7:15	63	0.031973	31.972978	7:15	N/A	0.1511555	151.15551	6:15	48	0.0432409	43.240929	
7:30	56	1.133E-05	0.0113298	7:30	63	0.0322673	32.267251	7:30	N/A	0.1509714	150.97144	6:30	48	0.0299176	29.917637	
7:45	56	5.241E-05	0.0524059	7:45	63	0.0326108	32.610796	7:45	N/A	0.1506422	150.64224	6:45	48	0.0394248	39.424841	
8:00	56	0	0	8:00	63	0.0222382	22.238169	8:00	N/A	0.1528111	152.81111	7:00	48	0.0395851	39.585117	
8:15	56	0	0	8:15	63	0.0005099	0.5099174	8:15	N/A	0.1552569	155.25689	7:15	48	0.0399792	39.979225	
8:30	56	0	0	8:30	63	0	0	8:30	N/A	0.1545506	154.55065	7:30	48	0.0405041	40.504091	

8:45	56	0	0	8:45	63	0	0	8:45	N/A	0.1514352	151.43517	7:45	48	0.0408113	40.811285
9:00	56	0	0	9:00	63	0	0	9:00	N/A	0.1499922	149.9922	8:00	48	0.0197636	19.763642
9:15	56	0	0	9:15	63	0	0	9:15	N/A	0.1491339	149.13388	8:15	48	0.0021367	2.1366879
9:30	56	0	0	9:30	63	0.0097359	9.735866	9:30	N/A	0.1487054	148.70537	8:30	48	0	0
9:45	56	0	0	9:45	63	0.00095	0.9500033	9:45	N/A	0.1461465	146.14653	8:45	48	0	0
10:00	56	0	0	10:00	63	0	0	10:00	N/A	0.1437254	143.72536	9:00	48	0	0
10:15	56	0	0	10:15	63	0	0	10:15	N/A	0.1402637	140.26372	9:15	48	0	0
10:30	56	0	0	10:30	63	0	0	10:30	N/A	0.1371265	137.1265	9:30	48	0.0093385	9.3385096
10:45	56	0	0	10:45	63	0	0	10:45	N/A	0.1368457	136.84571	9:45	48	0.0037941	3.7940883
11:00	56	0	0	11:00	63	0	0	11:00	N/A	0.1385043	138.50429	10:00	48	0	0
11:15	56	0	0	11:15	63	0	0	11:15	N/A	0.1392448	139.2448	10:15	48	0	0
11:30	56	0	0	11:30	63	0	0	11:30	N/A	0.1387203	138.72029	10:30	48	0	0
11:45	56	0	0	11:45	63	0	0	11:45	N/A	0.1375049	137.50493	10:45	48	0	0
12:00	56	0	0	12:00	63	0	0	12:00	N/A	0.1353862	135.38615	11:00	48	0	0
12:15	56	0	0	12:15	63	0	0	12:15	N/A	0.1302075	130.20748	11:15	48	0	0
12:30	56	0	0	12:30	63	0	0	12:30	N/A	0.1233378	123.3378	11:30	48	0	0
12:45	56	0	0	12:45	63	0	0	12:45	N/A	0.1199236	119.92359	11:45	48	0	0
13:00	56	0	0	13:00	63	0.0055035	5.5035132	13:00	N/A	0.1193157	119.31568	12:00	48	0	0
13:15	56	0	0	13:15	63	0.0014484	1.4484119	13:15	N/A	0.1197515	119.75149	12:15	48	0	0
13:30	56	0	0	13:30	63	0.0048439	4.8438763	13:30	N/A	0.1172316	117.2316	12:30	48	0	0
13:45	56	0	0	13:45	63	0.001384	1.3840488	13:45	N/A	0.1164537	116.45368	12:45	48	0	0
14:00	56	0	0	14:00	63	0	0	14:00	N/A	0.112935	112.93497	13:00	48	0.0054517	5.4516568
14:15	56	0	0	14:15	63	0	0	14:15	N/A	0.1109236	110.92358	13:15	48	0.0071991	7.1990675
14:30	56	0	0	14:30	63	0	0	14:30	N/A	0.1074176	107.41758	13:30	48	0.0024681	2.4680586
14:45	56	0	0	14:45	63	0	0	14:45	N/A	0.1062854	106.2854	13:45	48	0	0
15:00	56	0	0	15:00	63	0	0	15:00	N/A	0.0995776	99.577627	14:00	48	0	0
15:15	56	0	0	15:15	63	0	0	15:15	N/A	0.0952091	95.209063	14:15	48	0	0
15:30	56	0	0	15:30	63	0	0	15:30	N/A	0.0935585	93.558476	14:30	48	0	0
15:45	56	0	0	15:45	63	0.0057665	5.7665452	15:45	N/A	0.0910746	91.074572	14:45	48	0	0
16:00	56	0	0	16:00	63	0.0069438	6.9437942	16:00	N/A	0.0877287	87.728711	15:00	48	0	0
16:15	56	0	0	16:15	63	0.0014692	1.4691944	16:15	N/A	0.0843672	84.367169	15:15	48	0	0
16:30	56	0	0	16:30	63	0	0	16:30	N/A	0.0824518	82.451777	15:30	48	0.0028171	2.8171416
16:45	56	0	0	16:45	63	0	0	16:45	N/A	0.0817312	81.731221	15:45	48	0.0072524	7.2523993
17:00	56	0	0	17:00	63	0.0045026	4.5025924	17:00	N/A	0.0768414	76.841426	16:00	48	0.0061138	6.1138178
17:15	56	0	0	17:15	63	0.0034227	3.422682	17:15	N/A	0.0783597	78.35971	16:15	48	0.0016098	1.6097763
17:30	56	0	0	17:30	63	0.0027812	2.7811872	17:30	N/A	0.0755543	75.554344	16:30	48	0	0
17:45	56	0	0	17:45	63	0.0059019	5.9018964	17:45	N/A	0.0735377	73.537695	16:45	48	0.00192	1.9200033
18:00	56	0	0	18:00	63	0.0075252	7.525202	18:00	N/A	0.0693499	69.349865	17:00	48	0.003832	3.8320087
18:15	56	0	0	18:15	63	0.0026632	2.66316	18:15	N/A	0.0708142	70.814181	17:15	48	0.0038924	3.8924371
18:30	56	0	0	18:30	63	0.0026998	2.6997749	18:30	N/A	0.0890304	89.030397	17:30	48	0.0055698	5.5698118
18:45	56	0	0	18:45	63	0.0081914	8.1914277	18:45	N/A	0.1028992	102.89924	17:45	48	0.0088378	8.8378051
19:00	56	0	0	19:00	63	0.0132138	13.213816	19:00	N/A	0.1076865	107.6865	18:00	48	0.0082153	8.2153284
19:15	56	0	0	19:15	63	0.0143375	14.337475	19:15	N/A	0.1116736	111.67363	18:15	48	0.0032243	3.2243407
19:30	56	0	0	19:30	63	0.0145105	14.510451	19:30	N/A	0.1136514	113.65142	18:30	48	0.0055597	5.5596995
19:45	56	0	0	19:45	63	0.0157406	15.740596	19:45	N/A	0.1150572	115.05715	18:45	48	0.0115459	11.545869
20:00	56	0	0	20:00	63	0.0158052	15.805218	20:00	N/A	0.1143104	114.31044	19:00	48	0.0150129	15.012903
20:15	56	0	0	20:15	63	0.0151937	15.19368	20:15	N/A	0.1147577	114.75774	19:15	48	0.0184955	18.495453
20:30	56	0	0	20:30	63	0.0151983	15.198338	20:30	N/A	0.117134	117.13399	19:30	48	0.019217	19.217022
20:45	56	0	0	20:45	63	0.0160415	16.041543	20:45	N/A	0.1215977	121.59766	19:45	48	0.0196807	19.680744
21:00	56	0	0	21:00	63	0.0131326	13.132638	21:00	N/A	0.1352953	135.2953	20:00	48	0.08191	19.438125
21:15	56	0	0	21:15	63	0.0145747	14.574666	21:15	N/A	0.1206012	120.60124	20:15	48	0.0780997	18.118296
21:30	56	0	0	21:30	63	0.0166973	16.697331	21:30	N/A	0.1146411	114.64109	20:30	48	0.0142739	18.124916
21:45	56	0	0	21:45	63	0.015984	15.98403	21:45	N/A	0.1108764	110.87642	20:45	48	0.0167355	18.866194

22:00	56	0	0	22:00	63	0.0152162	15.216177	22:00	N/A	0.108291	108.29102	21:00	48	0.106541	15.88062	
22:15	56	0	0	22:15	63	0.015022	15.022039	22:15	N/A	0.1068082	106.80824	21:15	48	0.0302765	15.146646	
22:30	56	0	0	22:30	63	0.0149641	14.964064	22:30	N/A	0.1067569	106.75691	21:30	48	0.019247	19.247023	
22:45	56	0	0	22:45	63	0.0149993	14.999284	22:45	N/A	0.1109619	110.96193	21:45	48	0.0195384	19.538377	
23:00	56	0	0	23:00	63	0.0155013	15.501271	23:00	N/A	0.1141904	114.19036	22:00	48	0.0186387	18.638657	
23:15	56	0	0	23:15	63	0.0159993	15.999313	23:15	N/A	0.1164377	116.43774	22:15	48	0.0178642	17.864244	
23:30	56	0	0	23:30	63	0.0168439	16.843916	23:30	N/A	0.1183334	118.33345	22:30	48	0.0175178	17.51779	
23:45	56	0	0	23:45	63	0.0177623	17.762326	23:45	N/A	0.1196315	119.63151	22:45	48	0.0178844	17.88444	
												23:00	48	0.0183052	18.305202	
												23:15	48	0.0185089	18.508939	
												23:30	48	0.0189148	18.91477	
												23:45	48	0.0188659	18.865889	

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

4/23/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/23/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/23/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/23/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0	0	0:00	63	0.018513	18.512982	0:00	N/A	0.1211283	121.12834	0:00	48	0.0191568	19.15679	
0:15	56	0	0	0:15	63	0.0185255	18.525514	0:15	N/A	0.1208726	120.87264	0:15	48	0.0171327	17.132713	
0:30	56	0	0	0:30	63	0.0156051	15.605076	0:30	N/A	0.1214488	121.4488	0:30	48	0.0144475	14.447484	
0:45	56	0	0	0:45	63	0.0148802	14.880172	0:45	N/A	0.1198485	119.84847	0:45	48	0.018398	18.398014	
1:00	56	0	0	1:00	63	0.01737	17.370022	1:00	N/A	0.117597	117.59703	1:00	48	0.0177419	17.741929	
1:15	56	0	0	1:15	63	0.0164785	16.478508	1:15	N/A	0.116427	116.42703	1:15	48	0.0177837	17.783709	
1:30	56	0	0	1:30	63	0.0125034	12.503425	1:30	N/A	0.1168448	116.84477	1:30	48	0.0136278	13.627818	
1:45	56	0	0	1:45	63	0.0087353	8.735276	1:45	N/A	0.1077705	107.77049	1:45	48	0.0070569	7.0568608	
2:00	56	0	0	2:00	63	0.0095115	9.5115321	2:00	N/A	0.1033844	103.38439	2:00	48	0.0131183	13.118309	
2:15	56	0	0	2:15	63	0.0091583	9.1582915	2:15	N/A	0.0979214	97.921389	2:15	48	0.0124292	12.429232	
2:30	56	0	0	2:30	63	0.0084677	8.4677435	2:30	N/A	0.0926476	92.647574	2:30	48	0.0111766	11.176555	
2:45	56	0	0	2:45	63	0.0070089	7.0089121	2:45	N/A	0.0871334	87.133399	2:45	48	0.0096156	9.6155584	
3:00	56	0	0	3:00	63	0.005325	5.3250156	3:00	N/A	0.0836336	83.633573	3:00	48	0.0082811	8.281082	
3:15	56	0	0	3:15	63	0.0038946	3.8946175	3:15	N/A	0.0812297	81.229723	3:15	48	0.0362604	6.4726754	
3:30	56	0	0	3:30	63	0.0026406	2.6406277	3:30	N/A	0.0768161	76.816079	3:30	48	0.0362604	3.3105996	
3:45	56	0	0	3:45	63	0.002553	2.5529902	3:45	N/A	0.0722331	72.233088	3:45	48	0.050295	6.4660992	
4:00	56	0	0	4:00	63	0.0022884	2.2884169	4:00	N/A	0.0699198	69.919766	4:00	48	0.49142	5.4102556	
4:15	56	0	0	4:15	63	0.0015987	1.598708	4:15	N/A	0.0668885	66.888455	4:15	48	0.044228	3.2099663	
4:30	56	0	0	4:30	63	0.0028527	2.8526927	4:30	N/A	0.0660268	66.026752	4:30	48	0.0469994	6.655754	
4:45	56	0	0	4:45	63	0.0038171	3.8170784	4:45	N/A	0.0691461	69.146064	4:45	48	0.0067029	6.7029033	
5:00	56	0	0	5:00	63	0.004325	4.3249827	5:00	N/A	0.0726596	72.659628	5:00	48	0.0071089	7.1089053	
5:15	56	0	0	5:15	63	0.0040216	4.021645	5:15	N/A	0.0722881	72.288105	5:15	48	0.0068641	6.8641391	
5:30	56	0	0	5:30	63	0.0037017	3.7016847	5:30	N/A	0.0699381	69.938133	5:30	48	0.0068451	6.8450688	
5:45	56	0	0	5:45	63	0.0038329	3.8329448	5:45	N/A	0.0706042	70.604185	5:45	48	0.0070088	7.0088133	
6:00	56	0	0	6:00	63	0.0034703	3.4703123	6:00	N/A	0.0697546	69.754556	6:00	48	0.0073122	7.312197	
6:15	56	0	0	6:15	63	0.002582	2.5820098	6:15	N/A	0.0653699	65.369942	6:15	48	0.006801	6.8009523	
6:30	56	0	0	6:30	63	0.001306	1.3060316	6:30	N/A	0.0556094	55.609372	6:30	48	0.004095	4.095036	
6:45	56	0	0	6:45	63	0.0002965	0.2965433	6:45	N/A	0.0536359	53.635897	6:45	48	0.0019006	1.9006403	
7:00	56	0	0	7:00	63	9.801E-06	0.0098014	7:00	N/A	0.0534418	53.441763	7:00	48	0.0012137	1.2137474	
7:15	56	0	0	7:15	63	2.171E-05	0.0217054	7:15	N/A	0.0529718	52.971839	7:15	48	0	0	
7:30	56	0	0	7:30	63	0	0	7:30	N/A	0.0447882	44.788162	7:30	48	0	0	
7:45	56	0	0	7:45	63	0	0	7:45	N/A	0.044846	44.846045	7:45	48	2.689E-05	0.0268918	
8:00	56	0	0	8:00	63	0	0	8:00	N/A	0.0426483	42.648292	8:00	48	0.0001345	0.1344689	
8:15	56	0	0	8:15	63	0	0	8:15	N/A	0.039468	39.46801	8:15	48	0	0	
8:30	56	0	0	8:30	63	0	0	8:30	N/A	0.0402432	40.243216	8:30	48	0	0	
8:45	56	0	0	8:45	63	0	0	8:45	N/A	0.0396819	39.681929	8:45	48	0	0	
9:00	56	0	0	9:00	63	0	0	9:00	N/A	0.0381571	38.15713	9:00	48	0	0	
9:15	56	0	0	9:15	63	0	0	9:15	N/A	0.035547	35.547024	9:15	48	0	0	
9:30	56	0	0	9:30	63	0	0	9:30	N/A	0.0354715	35.471547	9:30	48	0	0	
9:45	56	0	0	9:45	63	0	0	9:45	N/A	0.0353943	35.394252	9:45	48	0	0	
10:00	56	0	0	10:00	63	0	0	10:00	N/A	0.0338657	33.86567	10:00	48	0	0	
10:15	56	0	0	10:15	63	0	0	10:15	N/A	0.0329298	32.929828	10:15	48	0	0	
10:30	56	0	0	10:30	63	0	0	10:30	N/A	0.0307303	30.730283	10:30	48	0	0	

10:45	56	0	0	10:45	63	0	0	10:45	N/A	0.0288652	28.865195	10:45	48	0	0
11:00	56	0	0	11:00	63	0	0	11:00	N/A	0.0273777	27.377729	11:00	48	0	0
11:15	56	0	0	11:15	63	0	0	11:15	N/A	0.0270478	27.047847	11:15	48	0	0
11:30	56	0	0	11:30	63	0	0	11:30	N/A	0.0246669	24.666927	11:30	48	0	0
11:45	56	0	0	11:45	63	0	0	11:45	N/A	0.02112	21.119978	11:45	48	0	0
12:00	56	0	0	12:00	63	0	0	12:00	N/A	0.021627	21.626968	12:00	48	0	0
12:15	56	0	0	12:15	63	0	0	12:15	N/A	0.0220562	22.0562	12:15	48	0	0
12:30	56	0	0	12:30	63	0	0	12:30	N/A	0.02262	22.619987	12:30	48	0	0
12:45	56	0	0	12:45	63	0	0	12:45	N/A	0.021183	21.183004	12:45	48	0	0
13:00	56	0	0	13:00	63	0	0	13:00	N/A	0.0212162	21.216191	13:00	48	0	0
13:15	56	0	0	13:15	63	0	0	13:15	N/A	0.0198328	19.832757	13:15	48	0	0
13:30	56	0	0	13:30	63	0	0	13:30	N/A	0.0195655	19.565489	13:30	48	0	0
13:45	56	0	0	13:45	63	0	0	13:45	N/A	0.0206356	20.635552	13:45	48	0	0
14:00	56	0	0	14:00	63	0	0	14:00	N/A	0.0202919	20.291938	14:00	48	0	0
14:15	56	0	0	14:15	63	0	0	14:15	N/A	0.019699	19.698972	14:15	48	0	0
14:30	56	0	0	14:30	63	0	0	14:30	N/A	0.0193588	19.358808	14:30	48	0	0
14:45	56	0	0	14:45	63	0	0	14:45	N/A	0.0179677	17.967654	14:45	48	0	0
15:00	56	0	0	15:00	63	0	0	15:00	N/A	0.019067	19.067039	15:00	48	0	0
15:15	56	0	0	15:15	63	0	0	15:15	N/A	0.0198612	19.861224	15:15	48	0	0
15:30	56	0	0	15:30	63	0	0	15:30	N/A	0.0188336	18.833608	15:30	48	0	0
15:45	56	0	0	15:45	63	0	0	15:45	N/A	0.0184591	18.459104	15:45	48	0	0
16:00	56	0	0	16:00	63	0	0	16:00	N/A	0.0167702	16.770227	16:00	48	0	0
16:15	56	0	0	16:15	63	0	0	16:15	N/A	0.0167267	16.726747	16:15	48	0	0
16:30	56	0	0	16:30	63	0	0	16:30	N/A	0.0174745	17.474454	16:30	48	0	0
16:45	56	0	0	16:45	63	0	0	16:45	N/A	0.0185536	18.553631	16:45	48	0	0
17:00	56	0	0	17:00	63	0	0	17:00	N/A	0.0187971	18.797089	17:00	48	0	0
17:15	56	0	0	17:15	63	0	0	17:15	N/A	0.0175729	17.572886	17:15	48	0	0
17:30	56	0	0	17:30	63	0	0	17:30	N/A	0.0152481	15.248137	17:30	48	0	0
17:45	56	0	0	17:45	63	0	0	17:45	N/A	0.0158637	15.863715	17:45	48	0	0
18:00	56	0	0	18:00	63	0	0	18:00	N/A	0.0174602	17.460234	18:00	48	0	0
18:15	56	0	0	18:15	63	0	0	18:15	N/A	0.01993	19.930024	18:15	48	0	0
18:30	56	0	0	18:30	63	0	0	18:30	N/A	0.0205659	20.565922	18:30	48	0	0
18:45	56	0	0	18:45	63	0	0	18:45	N/A	0.021175	21.175003	18:45	48	0	0
19:00	56	0	0	19:00	63	0	0	19:00	N/A	0.0214671	21.467087	19:00	48	0	0
19:15	56	0	0	19:15	63	0	0	19:15	N/A	0.021697	21.697009	19:15	48	0	0
19:30	56	0	0	19:30	63	0	0	19:30	N/A	0.0229262	22.926185	19:30	48	0	0
19:45	56	0	0	19:45	63	0	0	19:45	N/A	0.0239462	23.946162	19:45	48	0	0
20:00	56	0	0	20:00	63	0	0	20:00	N/A	0.0291729	29.172854	20:00	48	0	0
20:15	56	0	0	20:15	63	0	0	20:15	N/A	0.0296318	29.631813	20:15	48	0	0
20:30	56	0	0	20:30	63	0	0	20:30	N/A	0.0258944	25.894437	20:30	48	0	0
20:45	56	0	0	20:45	63	0	0	20:45	N/A	0.0224719	22.471894	20:45	48	0	0
21:00	56	0	0	21:00	63	0	0	21:00	N/A	0.0215868	21.586777	21:00	48	0	0
21:15	56	0	0	21:15	63	0	0	21:15	N/A	0.0218467	21.846659	21:15	48	0	0
21:30	56	0	0	21:30	63	0	0	21:30	N/A	0.0226689	22.6689	21:30	48	0	0
21:45	56	0	0	21:45	63	0	0	21:45	N/A	0.0259142	25.914174	21:45	48	0	0
22:00	56	0	0	22:00	63	0	0	22:00	N/A	0.0283005	28.300455	22:00	48	0	0
22:15	56	0	0	22:15	63	0	0	22:15	N/A	0.0305641	30.564109	22:15	48	0	0
22:30	56	0	0	22:30	63	0	0	22:30	N/A	0.0312333	31.233311	22:30	48	0	0
22:45	56	0	0	22:45	63	0	0	22:45	N/A	0.0315935	31.593491	22:45	48	0	0
23:00	56	0	0	23:00	63	6.783E-05	0.0678313	23:00	N/A	0.031463	31.463044	23:00	48	0	0
23:15	56	0	0	23:15	63	1.158E-05	0.0115827	23:15	N/A	0.0319778	31.977801	23:15	48	0	0
23:30	56	0	0	23:30	63	0	0	23:30	N/A	0.0324351	32.435131	23:30	48	0	0
23:45	56	0	0	23:45	63	0	0	23:45	N/A	0.0325639	32.563873	23:45	48	0	0



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

4/24/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/24/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/24/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/24/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0	0	0:00	63	0	0	0:00	N/A	0.0302185	30.218488	0:00	48	0	0	
0:15	56	0	0	0:15	63	0	0	0:15	N/A	0.0322469	32.24691	0:15	48	0	0	
0:30	56	0	0	0:30	63	0	0	0:30	N/A	0.0312439	31.243945	0:30	48	0	0	
0:45	56	0	0	0:45	63	0	0	0:45	N/A	0.0326211	32.621113	0:45	48	0	0	
1:00	56	0	0	1:00	63	0	0	1:00	N/A	0.0349374	34.93744	1:00	48	0	0	
1:15	56	0	0	1:15	63	8.689E-05	0.0868942	1:15	N/A	0.0421847	42.184682	1:15	48	0	0	
1:30	56	0	0	1:30	63	2.656E-05	0.0265616	1:30	N/A	0.0459525	45.952482	1:30	48	0	0	
1:45	56	0	0	1:45	63	0.0002891	0.2890836	1:45	N/A	0.039947	39.946998	1:45	48	7.55E-05	0.0755015	
2:00	56	0	0	2:00	63	0.0008984	0.8984287	2:00	N/A	0.0402501	40.250127	2:00	48	0.0002762	0.2761808	
2:15	56	0	0	2:15	63	0.0011233	1.1232932	2:15	N/A	0.0392164	39.216396	2:15	48	0.0003636	0.3636406	
2:30	56	0	0	2:30	63	0.0010882	1.0882049	2:30	N/A	0.0392431	39.243132	2:30	48	0.0001709	0.1708576	
2:45	56	0	0	2:45	63	0.0006964	0.6964134	2:45	N/A	0.0403268	40.326769	2:45	48	0.000246	0.2460284	
3:00	56	0	0	3:00	63	0.0009897	0.9896857	3:00	N/A	0.0401547	40.154702	3:00	48	0.0001436	0.143589	
3:15	56	0	0	3:15	63	0.0013574	1.3574151	3:15	N/A	0.0412411	41.241095	3:15	48	0.0362604	0	
3:30	56	0	0	3:30	63	0.0012767	1.2767031	3:30	N/A	0.0416065	41.606549	3:30	48	0.0362604	0	
3:45	56	0	0	3:45	63	0.0012629	1.2629164	3:45	N/A	0.0421321	42.132106	3:45	48	0.050295	0	
4:00	56	0	0	4:00	63	0.0011857	1.1857407	4:00	N/A	0.0432084	43.208407	4:00	48	0.49142	0.0558302	
4:15	56	0	0	4:15	63	0.001311	1.3109606	4:15	N/A	0.0443847	44.38471	4:15	48	0.044228	0.1569207	
4:30	56	0	0	4:30	63	0.0011229	1.1228964	4:30	N/A	0.0462503	46.250259	4:30	48	0.0469994	0.3898995	
4:45	56	0	0	4:45	63	0.0015066	1.5066472	4:45	N/A	0.0459718	45.971775	4:45	48	0.0004275	0.4275237	
5:00	56	0	0	5:00	63	0.0016073	1.6073475	5:00	N/A	0.046933	46.932975	5:00	48	0.0006068	0.6068476	
5:15	56	0	0	5:15	63	0.0016964	1.6963669	5:15	N/A	0.0477017	47.701698	5:15	48	0.0006711	0.6711109	
5:30	56	0	0	5:30	63	0.0016394	1.639391	5:30	N/A	0.0486195	48.619516	5:30	48	0.0004996	0.4996455	
5:45	56	0	0	5:45	63	0.0015098	1.5098436	5:45	N/A	0.0482363	48.236334	5:45	48	0.0009348	0.9347505	
6:00	56	0	0	6:00	63	0.0012693	1.2693079	6:00	N/A	0.0454267	45.426687	6:00	48	0.0010558	1.055806	
6:15	56	0	0	6:15	63	0.0014423	1.4422859	6:15	N/A	0.0455382	45.538177	6:15	48	0.0008617	0.8616587	
6:30	56	0	0	6:30	63	0.0015824	1.5824003	6:30	N/A	0.0448311	44.831116	6:30	48	0.000623	0.6230388	
6:45	56	0	0	6:45	63	0.0015934	1.5934027	6:45	N/A	0.045192	45.191985	6:45	48	0.0003953	0.3953342	
7:00	56	0	0	7:00	63	0.0015269	1.5269013	7:00	N/A	0.0457345	45.734529	7:00	48	0.0003749	0.374903	
7:15	56	0	0	7:15	63	0.0014146	1.4146411	7:15	N/A	0.0463263	46.326335	7:15	48	0.0008732	0.8732156	
7:30	56	0	0	7:30	63	0.0018398	1.8398057	7:30	N/A	0.0474363	47.436292	7:30	48	0.0009726	0.9726286	
7:45	56	0	0	7:45	63	0.0020517	2.0516708	7:45	N/A	0.0468881	46.888088	7:45	48	0.0002783	0.2782618	
8:00	56	0	0	8:00	63	0.0016264	1.6264346	8:00	N/A	0.0459354	45.935405	8:00	48	0.0004702	0.4702155	
8:15	56	0	0	8:15	63	0.0010229	1.0228721	8:15	N/A	0.0454212	45.421174	8:15	48	0.0005559	0.5559083	
8:30	56	0	0	8:30	63	0.0003542	0.3541995	8:30	N/A	0.0436641	43.664133	8:30	48	0.0001702	0.170212	
8:45	56	0	0	8:45	63	4.686E-05	0.0468554	8:45	N/A	0.0411532	41.153244	8:45	48	2.347E-05	0.0234702	
9:00	56	0	0	9:00	63	0	0	9:00	N/A	0.0407669	40.76688	9:00	48	0	0	
9:15	56	0	0	9:15	63	0	0	9:15	N/A	0.0394005	39.400499	9:15	48	0	0	
9:30	56	0	0	9:30	63	0	0	9:30	N/A	0.0392281	39.22812	9:30	48	0	0	
9:45	56	0	0	9:45	63	0	0	9:45	N/A	0.0391395	39.139471	9:45	48	0	0	
10:00	56	0	0	10:00	63	0	0	10:00	N/A	0.0409123	40.912289	10:00	48	0.0005023	0.5022776	
10:15	56	0	0	10:15	63	0.0011009	1.1008979	10:15	N/A	0.0448635	44.863452	10:15	48	0.0022052	2.2052173	
10:30	56	0	0	10:30	63	0.0027926	2.7926127	10:30	N/A	0.0490605	49.060454	10:30	48	0.0023762	2.376187	

10:45	56	0	0	10:45	63	0.0032572	3.2571651	10:45	N/A	0.0495169	49.516912	10:45	48	0.0008107	0.8107187
11:00	56	0	0	11:00	63	0.0037259	3.725896	11:00	N/A	0.0506431	50.643098	11:00	48	0.0008415	0.8415251
11:15	56	0	0	11:15	63	0.0038679	3.8679402	11:15	N/A	0.053337	53.33703	11:15	48	0.0007824	0.7824411
11:30	56	0	0	11:30	63	0.0039968	3.9967744	11:30	N/A	0.0546335	54.633454	11:30	48	0.0011681	1.1680784
11:45	56	0	0	11:45	63	0.0027889	2.7888708	11:45	N/A	0.0559358	55.93579	11:45	48	0.0012593	1.2592514
12:00	56	0	0	12:00	63	0.0008945	0.8945285	12:00	N/A	0.0552448	55.244805	12:00	48	0	0
12:15	56	0	0	12:15	63	0.0006772	0.6772142	12:15	N/A	0.0527675	52.767472	12:15	48	0	0
12:30	56	0	0	12:30	63	0.0020097	2.0096649	12:30	N/A	0.0597833	59.783282	12:30	48	0.0005428	0.5428004
12:45	56	0	0	12:45	63	0.0028749	2.8748762	12:45	N/A	0.0560644	56.064439	12:45	48	0.001225	1.2250094
13:00	56	0	0	13:00	63	0.0026848	2.6847521	13:00	N/A	0.0490106	49.010641	13:00	48	0.0007744	0.7743625
13:15	56	0	0	13:15	63	0.0018995	1.8995261	13:15	N/A	0.0446656	44.665616	13:15	48	0.0005628	0.5628346
13:30	56	0	0	13:30	63	0.001617	1.6170043	13:30	N/A	0.0411172	41.117154	13:30	48	0.0001754	0.1754203
13:45	56	0	0	13:45	63	0.0013667	1.3667358	13:45	N/A	0.0432662	43.266201	13:45	48	0.0002396	0.2395593
14:00	56	0	0	14:00	63	0.0009422	0.9421803	14:00	N/A	0.0405976	40.597645	14:00	48	0.0001782	0.1782479
14:15	56	0	0	14:15	63	0.0001309	0.1309494	14:15	N/A	0.044829	44.828977	14:15	48	0.000153	0.1529576
14:30	56	0	0	14:30	63	0.0014237	1.4237465	14:30	N/A	0.0515562	51.556157	14:30	48	0.000908	0.9079674
14:45	56	0	0	14:45	63	0.0028767	2.8766975	14:45	N/A	0.0544165	54.41652	14:45	48	0.0017145	1.7145257
15:00	56	0	0	15:00	63	0.0029033	2.9033316	15:00	N/A	0.0567034	56.703362	15:00	48	0.0016991	1.6991477
15:15	56	0	0	15:15	63	0.004011	4.011022	15:15	N/A	0.0590371	59.037057	15:15	48	0.0025045	2.5045231
15:30	56	0	0	15:30	63	0.0023512	2.3512258	15:30	N/A	0.0582775	58.277546	15:30	48	0.0016353	1.6352679
15:45	56	0	0	15:45	63	0.0013745	1.3744861	15:45	N/A	0.0558742	55.874239	15:45	48	0.0011605	1.1605344
16:00	56	0	0	16:00	63	0.0035903	3.5903376	16:00	N/A	0.0524615	52.461529	16:00	48	0.0018971	1.8970698
16:15	56	0	0	16:15	63	0.0030306	3.0306055	16:15	N/A	0.0556046	55.604626	16:15	48	0.0019673	1.9672554
16:30	56	0	0	16:30	63	0.0019186	1.9186326	16:30	N/A	0.0546848	54.684781	16:30	48	0.0016663	1.6663054
16:45	56	0	0	16:45	63	0.0007679	0.767924	16:45	N/A	0.0551974	55.197403	16:45	48	0.0002306	0.2306493
17:00	56	0	0	17:00	63	0.0009395	0.9394527	17:00	N/A	0.0560003	56.000268	17:00	48	0.0012337	1.2337202
17:15	56	0	0	17:15	63	0.0020093	2.0092786	17:15	N/A	0.0581749	58.174896	17:15	48	0.0009862	0.9862451
17:30	56	0	0	17:30	63	0.0008419	0.8418591	17:30	N/A	0.0569313	56.931322	17:30	48	0.0006217	0.6216809
17:45	56	0	0	17:45	63	0.0005062	0.5062014	17:45	N/A	0.054976	54.976031	17:45	48	0.0003498	0.3498404
18:00	56	0	0	18:00	63	0.0024559	2.4559301	18:00	N/A	0.0573666	57.366646	18:00	48	0.001872	1.8720099
18:15	56	0	0	18:15	63	0.0039249	3.9248838	18:15	N/A	0.0542151	54.215149	18:15	48	0.0017395	1.7394725
18:30	56	0	0	18:30	63	0.0040717	4.0717167	18:30	N/A	0.0531135	53.113482	18:30	48	0.0030642	3.0642365
18:45	56	0	0	18:45	63	0.0041054	4.1053794	18:45	N/A	0.0536301	53.630147	18:45	48	0.0030518	3.0517672
19:00	56	0	0	19:00	63	0.0036361	3.636054	19:00	N/A	0.0513127	51.312681	19:00	48	0.0027756	2.7755641
19:15	56	0	0	19:15	63	0.0017505	1.7504831	19:15	N/A	0.0478683	47.868328	19:15	48	0.0006478	0.6477963
19:30	56	0	0	19:30	63	0	0	19:30	N/A	0.0497797	49.779673	19:30	48	0	0
19:45	56	0	0	19:45	63	0	0	19:45	N/A	0.0504983	50.498299	19:45	48	0	0
20:00	56	0	0	20:00	63	0	0	20:00	N/A	0.0493894	49.389411	20:00	48	0	0
20:15	56	0	0	20:15	63	0	0	20:15	N/A	0.0469883	46.988267	20:15	48	0.0001301	0.1300864
20:30	56	0	0	20:30	63	0.0006656	0.6655577	20:30	N/A	0.0486583	48.658341	20:30	48	0.0010236	1.0235867
20:45	56	0	0	20:45	63	0.0028393	2.8392825	20:45	N/A	0.0522273	52.227268	20:45	48	0.0032826	3.282629
21:00	56	0	0	21:00	63	0.0029505	2.9504584	21:00	N/A	0.0547045	54.704497	21:00	48	0.0018015	1.8015158
21:15	56	0	0	21:15	63	0.0019406	1.9406193	21:15	N/A	0.0540037	54.003741	21:15	48	0.0026259	2.6258847
21:30	56	0	0	21:30	63	0.0011308	1.1307911	21:30	N/A	0.0526986	52.6986	21:30	48	0.0001337	0.1336684
21:45	56	0	0	21:45	63	0.0023422	2.3421677	21:45	N/A	0.053049	53.049037	21:45	48	0.0030018	3.0018071
22:00	56	0	0	22:00	63	0.0034302	3.4302197	22:00	N/A	0.0529757	52.975667	22:00	48	0.0027975	2.7974504
22:15	56	0	0	22:15	63	0.0034775	3.4774539	22:15	N/A	0.0524758	52.475776	22:15	48	0.0024988	2.4988023
22:30	56	0	0	22:30	63	0.0033234	3.3233523	22:30	N/A	0.0520703	52.070336	22:30	48	0.0020678	2.0677558
22:45	56	0	0	22:45	63	0.0031137	3.1137283	22:45	N/A	0.0514654	51.465424	22:45	48	0.0029252	2.9251866
23:00	56	0	0	23:00	63	0.0024861	2.4861345	23:00	N/A	0.0500976	50.097633	23:00	48	0.0022308	2.230771
23:15	56	0	0	23:15	63	0.0023487	2.348726	23:15	N/A	0.0497073	49.707342	23:15	48	0.0019623	1.9622854
23:30	56	0	0	23:30	63	0.0024655	2.4655413	23:30	N/A	0.0483801	48.380077	23:30	48	0.0018425	1.8425317
23:45	56	0	0	23:45	63	0.0025679	2.5679256	23:45	N/A	0.0467376	46.73764	23:45	48	0.0007017	0.7017431



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

4/25/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/25/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/25/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/25/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0	0	0:00	63	0.001844	1.8439991	0:00	N/A	0.0454945	45.49449	0:00	48	0.0012419	1.241873	
0:15	56	0	0	0:15	63	0.0017607	1.7606607	0:15	N/A	0.0444477	44.447654	0:15	48	0.000411	0.4109586	
0:30	56	0	0	0:30	63	0.0018784	1.8783555	0:30	N/A	0.0443704	44.370372	0:30	48	0.0003922	0.3922152	
0:45	56	0	0	0:45	63	0.0021617	2.1617088	0:45	N/A	0.0436871	43.687147	0:45	48	0.0005376	0.5376094	
1:00	56	0	0	1:00	63	0.0013138	1.313802	1:00	N/A	0.0425867	42.586713	1:00	48	0.0002158	0.2157883	
1:15	56	0	0	1:15	63	0.0012028	1.202774	1:15	N/A	0.0426248	42.624802	1:15	48	0.000406	0.4059696	
1:30	56	0	0	1:30	63	0.0014085	1.4084794	1:30	N/A	0.0432849	43.284888	1:30	48	0.0005946	0.5945823	
1:45	56	0	0	1:45	63	0.0023102	2.3102021	1:45	N/A	0.0444584	44.45836	1:45	48	0.0005625	0.5624503	
2:00	56	0	0	2:00	63	0.0022983	2.2983371	2:00	N/A	0.0453803	45.380293	2:00	48	0.0004837	0.4836885	
2:15	56	0	0	2:15	63	0.0024206	2.4206454	2:15	N/A	0.0455645	45.564455	2:15	48	0.0002798	0.2797597	
2:30	56	0	0	2:30	63	0.0024523	2.4522569	2:30	N/A	0.0460215	46.021514	2:30	48	0.0001302	0.1301804	
2:45	56	0	0	2:45	63	0.0023222	2.322182	2:45	N/A	0.0464636	46.463567	2:45	48	1.127E-05	0.011269	
3:00	56	0	0	3:00	63	0.0023612	2.3612106	3:00	N/A	0.0458989	45.898947	3:00	48	0	0	
3:15	56	0	0	3:15	63	0.0023974	2.3974116	3:15	N/A	0.0454261	45.426055	3:15	48	0.0362604	0	
3:30	56	0	0	3:30	63	0.0025544	2.5544378	3:30	N/A	0.0454124	45.412438	3:30	48	0.0362604	0	
3:45	56	0	0	3:45	63	0.0021085	2.1085152	3:45	N/A	0.0456853	45.68532	3:45	48	0.050295	0	
4:00	56	0	0	4:00	63	0.0019906	1.9906005	4:00	N/A	0.045744	45.744007	4:00	48	0.49142	0	
4:15	56	0	0	4:15	63	0.0018202	1.8201804	4:15	N/A	0.045419	45.418963	4:15	48	0.044228	0	
4:30	56	0	0	4:30	63	0.0022403	2.2403464	4:30	N/A	0.044654	44.654045	4:30	48	0.0469994	0	
4:45	56	0	0	4:45	63	0.0024635	2.4634553	4:45	N/A	0.0436561	43.656141	4:45	48	0	0	
5:00	56	0	0	5:00	63	0.0022032	2.2031965	5:00	N/A	0.0434809	43.480928	5:00	48	0	0	
5:15	56	0	0	5:15	63	0.0016984	1.6984055	5:15	N/A	0.0420818	42.081762	5:15	48	0	0	
5:30	56	0	0	5:30	63	0.0009937	0.993702	5:30	N/A	0.0400825	40.082523	5:30	48	0	0	
5:45	56	0	0	5:45	63	0.0009409	0.9409437	5:45	N/A	0.0399424	39.942407	5:45	48	0	0	
6:00	56	0	0	6:00	63	0.0013823	1.3822788	6:00	N/A	0.041381	41.380968	6:00	48	0	0	
6:15	56	0	0	6:15	63	0.0007247	0.7246816	6:15	N/A	0.0419996	41.999569	6:15	48	0	0	
6:30	56	0	0	6:30	63	0.0013097	1.3097355	6:30	N/A	0.0413179	41.317909	6:30	48	0	0	
6:45	56	0	0	6:45	63	0.0020354	2.0353886	6:45	N/A	0.0394181	39.41811	6:45	48	0	0	
7:00	56	0	0	7:00	63	0.0019182	1.9181831	7:00	N/A	0.0365283	36.528331	7:00	48	0	0	
7:15	56	0	0	7:15	63	0.0018519	1.8519371	7:15	N/A	0.0350288	35.028811	7:15	48	0	0	
7:30	56	0	0	7:30	63	0.0019219	1.9218824	7:30	N/A	0.0350002	35.000235	7:30	48	0	0	
7:45	56	0	0	7:45	63	0.0017202	1.7201642	7:45	N/A	0.0364006	36.400558	7:45	48	0	0	
8:00	56	0	0	8:00	63	0.0011958	1.1958403	8:00	N/A	0.0391289	39.128917	8:00	48	0	0	
8:15	56	0	0	8:15	63	0.0012744	1.2744375	8:15	N/A	0.0415928	41.592835	8:15	48	0	0	
8:30	56	0	0	8:30	63	0.0015427	1.5427115	8:30	N/A	0.0434968	43.496816	8:30	48	0	0	
8:45	56	0	0	8:45	63	0.0016914	1.6914208	8:45	N/A	0.0455894	45.589381	8:45	48	0	0	
9:00	56	0	0	9:00	63	0.0027132	2.7132036	9:00	N/A	0.0480555	48.055505	9:00	48	4.019E-05	0.0401885	
9:15	56	0	0	9:15	63	0.0027993	2.7992618	9:15	N/A	0.049906	49.906042	9:15	48	8.359E-05	0.0835854	
9:30	56	0	0	9:30	63	0.0028183	2.8183308	9:30	N/A	0.0519585	51.958508	9:30	48	2.03E-05	0.0202953	
9:45	56	0	0	9:45	63	0.003462	3.4619889	9:45	N/A	0.0530873	53.087325	9:45	48	0.0003743	0.3743349	
10:00	56	0	0	10:00	63	0.0030979	3.0979062	10:00	N/A	0.0516042	51.604197	10:00	48	0.0008877	0.8876535	
10:15	56	0	0	10:15	63	0.0027536	2.7535593	10:15	N/A	0.0477931	47.793123	10:15	48	0.000591	0.5910099	
10:30	56	0	0	10:30	63	0.0008916	0.8916209	10:30	N/A	0.0434453	43.445304	10:30	48	0.0001032	0.1031973	

10:45	56	0	0	10:45	63	0.0001108	0.1108222	10:45	N/A	0.0400006	40.000613	10:45	48	0	0
11:00	56	0	0	11:00	63	0	0	11:00	N/A	0.0374223	37.422295	11:00	48	0	0
11:15	56	0	0	11:15	63	0	0	11:15	N/A	0.0335503	33.550282	11:15	48	0	0
11:30	56	0	0	11:30	63	0	0	11:30	N/A	0.0300704	30.070396	11:30	48	0	0
11:45	56	0	0	11:45	63	0	0	11:45	N/A	0.0281302	28.130161	11:45	48	0	0
12:00	56	0	0	12:00	63	0	0	12:00	N/A	0.0268656	26.865588	12:00	48	0	0
12:15	56	0	0	12:15	63	0	0	12:15	N/A	0.0256019	25.601933	12:15	48	0	0
12:30	56	0	0	12:30	63	0	0	12:30	N/A	0.0247787	24.778736	12:30	48	0	0
12:45	56	0	0	12:45	63	0	0	12:45	N/A	0.0233713	23.371282	12:45	48	0	0
13:00	56	0	0	13:00	63	0	0	13:00	N/A	0.0216455	21.645494	13:00	48	0	0
13:15	56	0	0	13:15	63	0	0	13:15	N/A	0.0218922	21.8922	13:15	48	0	0
13:30	56	0	0	13:30	63	0	0	13:30	N/A	0.0233158	23.315829	13:30	48	0	0
13:45	56	0	0	13:45	63	0	0	13:45	N/A	0.022708	22.708014	13:45	48	0	0
14:00	56	0	0	14:00	63	0	0	14:00	N/A	0.0210328	21.032769	14:00	48	0	0
14:15	56	0	0	14:15	63	0	0	14:15	N/A	0.0206365	20.636489	14:15	48	0	0
14:30	56	0	0	14:30	63	0	0	14:30	N/A	0.0209912	20.991236	14:30	48	0	0
14:45	56	0	0	14:45	63	0	0	14:45	N/A	0.0203907	20.390697	14:45	48	0	0
15:00	56	0	0	15:00	63	0	0	15:00	N/A	0.0198963	19.89628	15:00	48	0	0
15:15	56	0	0	15:15	63	0	0	15:15	N/A	0.0209783	20.978259	15:15	48	0	0
15:30	56	0	0	15:30	63	0	0	15:30	N/A	0.0204576	20.457613	15:30	48	0	0
15:45	56	0	0	15:45	63	0	0	15:45	N/A	0.0189993	18.999337	15:45	48	0	0
16:00	56	0	0	16:00	63	0	0	16:00	N/A	0.0185395	18.539489	16:00	48	0	0
16:15	56	0	0	16:15	63	0	0	16:15	N/A	0.018101	18.100956	16:15	48	0	0
16:30	56	0	0	16:30	63	0	0	16:30	N/A	0.0186696	18.666939	16:30	48	0	0
16:45	56	0	0	16:45	63	0	0	16:45	N/A	0.0182089	18.208856	16:45	48	0	0
17:00	56	0	0	17:00	63	0	0	17:00	N/A	0.0181688	18.168803	17:00	48	0	0
17:15	56	0	0	17:15	63	0	0	17:15	N/A	0.0174704	17.470368	17:15	48	0	0
17:30	56	0	0	17:30	63	0	0	17:30	N/A	0.0177107	17.710688	17:30	48	0	0
17:45	56	0	0	17:45	63	0	0	17:45	N/A	0.0191619	19.161915	17:45	48	0	0
18:00	56	0	0	18:00	63	0	0	18:00	N/A	0.0194159	19.415878	18:00	48	0	0
18:15	56	0	0	18:15	63	0	0	18:15	N/A	0.0188645	18.864474	18:15	48	0	0
18:30	56	0	0	18:30	63	0	0	18:30	N/A	0.0184631	18.463086	18:30	48	0	0
18:45	56	0	0	18:45	63	0	0	18:45	N/A	0.0191102	19.110192	18:45	48	0	0
19:00	56	0	0	19:00	63	0	0	19:00	N/A	0.0195046	19.504578	19:00	48	0	0
19:15	56	0	0	19:15	63	0	0	19:15	N/A	0.0200298	20.029762	19:15	48	0	0
19:30	56	0	0	19:30	63	0	0	19:30	N/A	0.0217804	21.780445	19:30	48	0	0
19:45	56	0	0	19:45	63	0	0	19:45	N/A	0.0236047	23.604685	19:45	48	0	0
20:00	56	0	0	20:00	63	0	0	20:00	N/A	0.0243527	24.352745	20:00	48	0	0
20:15	56	0	0	20:15	63	0	0	20:15	N/A	0.0256378	25.637759	20:15	48	0	0
20:30	56	0	0	20:30	63	0	0	20:30	N/A	0.0283512	28.351196	20:30	48	0	0
20:45	56	0	0	20:45	63	0	0	20:45	N/A	0.0305053	30.505339	20:45	48	0	0
21:00	56	0	0	21:00	63	0	0	21:00	N/A	0.0314657	31.465691	21:00	48	0	0
21:15	56	0	0	21:15	63	0	0	21:15	N/A	0.0330715	33.071523	21:15	48	0	0
21:30	56	0	0	21:30	63	0	0	21:30	N/A	0.0353423	35.342311	21:30	48	0	0
21:45	56	0	0	21:45	63	0	0	21:45	N/A	0.0370452	37.0452	21:45	48	0	0
22:00	56	0	0	22:00	63	0	0	22:00	N/A	0.0378744	37.874358	22:00	48	0	0
22:15	56	0	0	22:15	63	0	0	22:15	N/A	0.0378976	37.897632	22:15	48	0	0
22:30	56	0	0	22:30	63	0	0	22:30	N/A	0.0384382	38.438153	22:30	48	0	0
22:45	56	0	0	22:45	63	0.0002207	0.2206992	22:45	N/A	0.0408346	40.834552	22:45	48	0	0
23:00	56	0	0	23:00	63	0.000419	0.4190332	23:00	N/A	0.0438796	43.879561	23:00	48	0	0
23:15	56	0	0	23:15	63	0.0006786	0.6786138	23:15	N/A	0.0460705	46.070504	23:15	48	0	0
23:30	56	0	0	23:30	63	0.0011858	1.185803	23:30	N/A	0.0466775	46.6775	23:30	48	0	0
23:45	56	0	0	23:45	63	0.0015381	1.5380719	23:45	N/A	0.0463523	46.352281	23:45	48	0	0



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

4/26/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/26/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/26/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/26/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0	0	0:00	63	0.0015379	1.5379283	0:00	N/A	0.0471234	47.123402	0:00	48	0	0	
0:15	56	0	0	0:15	63	0.0015153	1.5153299	0:15	N/A	0.0478836	47.883626	0:15	48	0	0	
0:30	56	0	0	0:30	63	0.0017409	1.7408973	0:30	N/A	0.0464284	46.428391	0:30	48	0	0	
0:45	56	0	0	0:45	63	0.0016986	1.6985773	0:45	N/A	0.0445845	44.584461	0:45	48	0	0	
1:00	56	0	0	1:00	63	0.0013988	1.3987986	1:00	N/A	0.0437091	43.709059	1:00	48	0	0	
1:15	56	0	0	1:15	63	0.0011609	1.1609478	1:15	N/A	0.0435733	43.57331	1:15	48	0	0	
1:30	56	0	0	1:30	63	0.0012461	1.2461189	1:30	N/A	0.0440978	44.097816	1:30	48	0	0	
1:45	56	0	0	1:45	63	0.0013858	1.3857871	1:45	N/A	0.0446748	44.674753	1:45	48	0	0	
2:00	56	0	0	2:00	63	0.0014588	1.4587805	2:00	N/A	0.0441824	44.182399	2:00	48	0	0	
2:15	56	0	0	2:15	63	0.0018148	1.8147629	2:15	N/A	0.0433937	43.393718	2:15	48	2.212E-05	0.0221182	
2:30	56	0	0	2:30	63	0.0021578	2.1578438	2:30	N/A	0.0440108	44.010821	2:30	48	0.0001231	0.1230574	
2:45	56	0	0	2:45	63	0.0022259	2.2590441	2:45	N/A	0.0454886	45.488557	2:45	48	0.0001799	0.1799132	
3:00	56	0	0	3:00	63	0.0023391	2.3390687	3:00	N/A	0.0460798	46.079787	3:00	48	2.939E-05	0.0293911	
3:15	56	0	0	3:15	63	0.0023562	2.3561992	3:15	N/A	0.046543	46.543042	3:15	48	0.0362604	0.1633429	
3:30	56	0	0	3:30	63	0.0025376	2.5375583	3:30	N/A	0.0461872	46.187209	3:30	48	0.0362604	0.2691385	
3:45	56	0	0	3:45	63	0.0030807	3.0807206	3:45	N/A	0.0448755	44.875471	3:45	48	0.050295	0.7172547	
4:00	56	0	0	4:00	63	0.0037619	3.7619354	4:00	N/A	0.0445012	44.501178	4:00	48	0.49142	1.1006059	
4:15	56	0	0	4:15	63	0.0039139	3.9138979	4:15	N/A	0.0439762	43.976168	4:15	48	0.044228	0.7821508	
4:30	56	0	0	4:30	63	0.0041467	4.146673	4:30	N/A	0.0442383	44.238346	4:30	48	0.0469994	0.8751587	
4:45	56	0	0	4:45	63	0.0043416	4.3415975	4:45	N/A	0.0452547	45.254701	4:45	48	0.0013624	1.362438	
5:00	56	0	0	5:00	63	0.004456	4.4559582	5:00	N/A	0.0454005	45.400464	5:00	48	0.0017507	1.7507227	
5:15	56	0	0	5:15	63	0.0045475	4.547458	5:15	N/A	0.0459223	45.922309	5:15	48	0.0011134	1.1133666	
5:30	56	0	0	5:30	63	0.0045542	4.5542368	5:30	N/A	0.0470456	47.045627	5:30	48	0.0010419	1.0418739	
5:45	56	0	0	5:45	63	0.0046746	4.6745723	5:45	N/A	0.0491775	49.177516	5:45	48	0.0006286	0.6285704	
6:00	56	0	0	6:00	63	0.0047147	4.7147191	6:00	N/A	0.0507864	50.786444	6:00	48	0.0012785	1.2785235	
6:15	56	0	0	6:15	63	0.0045463	4.5462867	6:15	N/A	0.0525017	52.501654	6:15	48	0.0010161	1.0160786	
6:30	56	0	0	6:30	63	0.0040014	4.0013779	6:30	N/A	0.055079	55.079037	6:30	48	0.000338	0.3379869	
6:45	56	0	0	6:45	63	0.0034256	3.4255842	6:45	N/A	0.0569969	56.996889	6:45	48	0.000567	0.5669957	
7:00	56	0	0	7:00	63	0.0034063	3.4062751	7:00	N/A	0.056985	56.985043	7:00	48	0.0008364	0.8364321	
7:15	56	0	0	7:15	63	0.0049208	4.9208457	7:15	N/A	0.0554633	55.463281	7:15	48	0.0018008	1.800758	
7:30	56	0	0	7:30	63	0.0051205	5.1204739	7:30	N/A	0.0568447	56.844682	7:30	48	0.0019921	1.9921316	
7:45	56	0	0	7:45	63	0.0051011	5.1011058	7:45	N/A	0.0587269	58.72694	7:45	48	0.0013536	1.3536354	
8:00	56	0	0	8:00	63	0.0054886	5.4885929	8:00	N/A	0.0605055	60.505531	8:00	48	0.0013133	1.3133175	
8:15	56	0	0	8:15	63	0.0061812	6.1812106	8:15	N/A	0.0603394	60.339403	8:15	48	0.001827	1.8269976	
8:30	56	0	0	8:30	63	0.0064705	6.4705257	8:30	N/A	0.0592932	59.2932	8:30	48	0.0027005	2.700471	
8:45	56	0	0	8:45	63	0.0060458	6.0457536	8:45	N/A	0.0607497	60.749724	8:45	48	0.0020631	2.0630649	
9:00	56	0	0	9:00	63	0.005216	5.2159836	9:00	N/A	0.0616349	61.634861	9:00	48	0.0018336	1.8335704	
9:15	56	0	0	9:15	63	0.0072283	7.2283108	9:15	N/A	0.0659401	65.940051	9:15	48	0.0023499	2.3499447	
9:30	56	0	0	9:30	63	0.0057369	5.7368779	9:30	N/A	0.0689991	68.999114	9:30	48	0.0020841	2.0841356	
9:45	56	0	0	9:45	63	0.0049481	4.9481312	9:45	N/A	0.0680851	68.085051	9:45	48	0.001822	1.8220197	
10:00	56	0	0	10:00	63	0.0037504	3.7503857	10:00	N/A	0.0672933	67.293343	10:00	48	0.0010709	1.0708962	
10:15	56	0	0	10:15	63	0.0065295	6.5294594	10:15	N/A	0.0700622	70.062231	10:15	48	0.0028142	2.8141883	
10:30	56	0	0	10:30	63	0.0007756	0.7756412	10:30	N/A	0.0731867	73.186721	10:30	48	0.0001215	0.12152	

10:45	56	0	0	10:45	63	0.0031748	3.1748114	10:45	N/A	0.0725671	72.567115	10:45	48	0.0012431	1.2430618
11:00	56	0	0	11:00	63	0.0032158	3.2157856	11:00	N/A	0.0738818	73.881839	11:00	48	0.0011935	1.1935023
11:15	56	0	0	11:15	63	0.0038608	3.8607602	11:15	N/A	0.0755235	75.523499	11:15	48	0.0011295	1.1294751
11:30	56	0	0	11:30	63	0.0060949	6.094942	11:30	N/A	0.07342	73.419951	11:30	48	0.0022169	2.2168549
11:45	56	0	0	11:45	63	0.0055895	5.5894844	11:45	N/A	0.0733004	73.300397	11:45	48	0.0010942	1.0942333
12:00	56	0	0	12:00	63	0.0027791	2.779144	12:00	N/A	0.0730742	73.074167	12:00	48	0.0005108	0.5107959
12:15	56	0	0	12:15	63	0.0039091	3.9090572	12:15	N/A	0.0678649	67.864903	12:15	48	0.0006195	0.6195392
12:30	56	0	0	12:30	63	0.0100223	10.022343	12:30	N/A	0.0668656	66.865613	12:30	48	0.0026106	2.6106474
12:45	56	0	0	12:45	63	0.0060105	6.0104658	12:45	N/A	0.0723532	72.35319	12:45	48	0.0015959	1.5958791
13:00	56	0	0	13:00	63	0.0027985	2.79852	13:00	N/A	0.0759129	75.912855	13:00	48	0.0007891	0.7891191
13:15	56	0	0	13:15	63	0.0003743	0.3742865	13:15	N/A	0.0707729	70.772885	13:15	48	6.851E-05	0.0685127
13:30	56	0	0	13:30	63	0.0029951	2.9950823	13:30	N/A	0.0677301	67.73009	13:30	48	0.0004835	0.4835148
13:45	56	0	0	13:45	63	0	0	13:45	N/A	0.0638752	63.875163	13:45	48	1.231E-05	0.0123083
14:00	56	0	0	14:00	63	0	0	14:00	N/A	0.0629365	62.936519	14:00	48	0	0
14:15	56	0	0	14:15	63	0.0002983	0.298269	14:15	N/A	0.067651	67.650998	14:15	48	6.249E-07	0.0006249
14:30	56	0	0	14:30	63	0.0023863	2.3863121	14:30	N/A	0.0682498	68.249817	14:30	48	0.0006601	0.6600594
14:45	56	0	0	14:45	63	0	0	14:45	N/A	0.0698871	69.887077	14:45	48	0.0001051	0.1051198
15:00	56	0	0	15:00	63	0	0	15:00	N/A	0.0651221	65.122146	15:00	48	0	0
15:15	56	0	0	15:15	63	0	0	15:15	N/A	0.0576807	57.680656	15:15	48	0	0
15:30	56	0	0	15:30	63	0.0002303	0.2303452	15:30	N/A	0.0583304	58.330422	15:30	48	0	0
15:45	56	0	0	15:45	63	0.002066	2.0660122	15:45	N/A	0.0589753	58.975286	15:45	48	0.0005797	0.5796915
16:00	56	0	0	16:00	63	0.0019777	1.9777312	16:00	N/A	0.0547376	54.737583	16:00	48	0.0001772	0.1772015
16:15	56	0	0	16:15	63	0.0030645	3.0645368	16:15	N/A	0.0517961	51.796064	16:15	48	0.0001016	0.1016236
16:30	56	0	0	16:30	63	0	0	16:30	N/A	0.0512092	51.209249	16:30	48	9.334E-06	0.0093339
16:45	56	0	0	16:45	63	0	0	16:45	N/A	0.051062	51.06202	16:45	48	0	0
17:00	56	0	0	17:00	63	0	0	17:00	N/A	0.0500475	50.047528	17:00	48	0	0
17:15	56	0	0	17:15	63	2.28E-06	0.00228	17:15	N/A	0.0488935	48.893511	17:15	48	0	0
17:30	56	0	0	17:30	63	0.002407	2.4069509	17:30	N/A	0.0461205	46.12046	17:30	48	9.791E-05	0.0979095
17:45	56	0	0	17:45	63	5.713E-05	0.0571304	17:45	N/A	0.0383848	38.384842	17:45	48	2.798E-05	0.0279772
18:00	56	0	0	18:00	63	0	0	18:00	N/A	0.0401431	40.143051	18:00	48	0	0
18:15	56	0	0	18:15	63	0	0	18:15	N/A	0.0492892	49.289213	18:15	48	0	0
18:30	56	0	0	18:30	63	0	0	18:30	N/A	0.0510069	51.00687	18:30	48	0	0
18:45	56	0	0	18:45	63	0	0	18:45	N/A	0.0482217	48.221745	18:45	48	0	0
19:00	56	0	0	19:00	63	0	0	19:00	N/A	0.0529376	52.937603	19:00	48	0	0
19:15	56	0	0	19:15	63	0	0	19:15	N/A	0.051775	51.775039	19:15	48	0	0
19:30	56	0	0	19:30	63	0	0	19:30	N/A	0.0529396	52.939642	19:30	48	0	0
19:45	56	0	0	19:45	63	0	0	19:45	N/A	0.0487509	48.750919	19:45	48	0	0
20:00	56	0	0	20:00	63	0	0	20:00	N/A	0.0485018	48.501775	20:00	48	0	0
20:15	56	0	0	20:15	63	0	0	20:15	N/A	0.0492724	49.272382	20:15	48	0	0
20:30	56	0	0	20:30	63	0.0001153	0.1152605	20:30	N/A	0.0385733	38.573323	20:30	48	1.546E-05	0.015464
20:45	56	0	0	20:45	63	0.0002527	0.2527306	20:45	N/A	0.0391894	39.189426	20:45	48	0.0002135	0.2135139
21:00	56	0	0	21:00	63	0.0005582	0.5581915	21:00	N/A	0.0415539	41.553923	21:00	48	6.477E-05	0.0647664
21:15	56	0	0	21:15	63	5.025E-05	0.0502457	21:15	N/A	0.0532069	53.206857	21:15	48	0	0
21:30	56	0	0	21:30	63	0	0	21:30	N/A	0.0793031	79.303141	21:30	48	0	0
21:45	56	0	0	21:45	63	0	0	21:45	N/A	0.0689259	68.925914	21:45	48	0	0
22:00	56	0	0	22:00	63	8.731E-05	0.0873082	22:00	N/A	0.0551916	55.19164	22:00	48	0	0
22:15	56	0	0	22:15	63	1.491E-05	0.0149074	22:15	N/A	0.0528794	52.879384	22:15	48	0	0
22:30	56	0	0	22:30	63	0	0	22:30	N/A	0.0552142	55.214162	22:30	48	0	0
22:45	56	0	0	22:45	63	0	0	22:45	N/A	0.0521524	52.152356	22:45	48	0	0
23:00	56	0	0	23:00	63	0	0	23:00	N/A	0.055497	55.497033	23:00	48	0	0
23:15	56	0	0	23:15	63	0	0	23:15	N/A	0.0499794	49.979417	23:15	48	0	0
23:30	56	0	0	23:30	63	0	0	23:30	N/A	0.0448228	44.82283	23:30	48	0	0
23:45	56	0	0	23:45	63	0	0	23:45	N/A	0.0430206	43.020574	23:45	48	0	0



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

4/27/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/27/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/27/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/27/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.000	0.000	0:00	63	0	0.000	0:00	N/A	0.0461256	46.125568	0:00	48	0	0	
0:15	56	0.000	0.000	0:15	63	0	0.000	0:15	N/A	0.0394228	39.422752	0:15	48	0	0	
0:30	56	0.000	0.000	0:30	63	0	0.000	0:30	N/A	0.0392368	39.236802	0:30	48	0	0	
0:45	56	0.000	0.000	0:45	63	0	0.000	0:45	N/A	0.0406064	40.606393	0:45	48	0	0	
1:00	56	0.000	0.000	1:00	63	0	0.000	1:00	N/A	0.042194	42.194031	1:00	48	0	0	
1:15	56	0.000	0.000	1:15	63	0	0.000	1:15	N/A	0.0458316	45.831575	1:15	48	0.1402178	0	
1:30	56	0.000	0.000	1:30	63	0.0004396	0.440	1:30	N/A	0.0373758	37.375821	1:30	48	0.0919169	0	
1:45	56	0.000	0.000	1:45	63	0.0001494	0.149	1:45	N/A	0.0363069	36.306897	1:45	48	0	0	
2:00	56	0.000	0.000	2:00	63	0.0001432	0.143	2:00	N/A	0.0356739	35.673901	2:00	48	0	0	
2:15	56	0.000	0.000	2:15	63	0.0003246	0.325	2:15	N/A	0.035777	35.776986	2:15	48	0	0.0221182	
2:30	56	0.000	0.000	2:30	63	0.0003946	0.395	2:30	N/A	0.0358939	35.89386	2:30	48	0	0.1230574	
2:45	56	0.000	0.000	2:45	63	0.0002393	0.239	2:45	N/A	0.0367826	36.782616	2:45	48	3.1474003	0.1799132	
3:00	56	0.000	0.000	3:00	63	0.0001319	0.132	3:00	N/A	0.037898	37.897973	3:00	48	5.9408801	0.0293911	
3:15	56	0.000	0.000	3:15	63	2.684E-05	0.027	3:15	N/A	0.0386015	38.601477	3:15	48	5.9462283	0.1633429	
3:30	56	0.000	0.000	3:30	63	0	0.000	3:30	N/A	0.0381544	38.154424	3:30	48	5.714878	0.2691385	
3:45	56	0.000	0.000	3:45	63	4.084E-05	0.041	3:45	N/A	0.0375535	37.553474	3:45	48	5.6601887	0.7172547	
4:00	56	0.000	0.000	4:00	63	4.215E-05	0.042	4:00	N/A	0.0374327	37.432692	4:00	48	6.1771026	1.1006059	
4:15	56	0.000	0.000	4:15	63	0.0003738	0.374	4:15	N/A	0.0377181	37.718149	4:15	48	6.524549	0.7821508	
4:30	56	0.000	0.000	4:30	63	0.0005526	0.553	4:30	N/A	0.0375481	37.548115	4:30	48	6.7469936	0.8751587	
4:45	56	0.000	0.000	4:45	63	0.0006449	0.645	4:45	N/A	0.0376297	37.629738	4:45	48	7.1584101	1.362438	
5:00	56	0.000	0.000	5:00	63	0.0008564	0.856	5:00	N/A	0.0369649	36.964898	5:00	48	7.4381143	1.7507227	
5:15	56	0.000	0.000	5:15	63	0.0009037	0.904	5:15	N/A	0.0365009	36.500929	5:15	48	7.5408343	1.1133666	
5:30	56	0.000	0.000	5:30	63	0.0009509	0.951	5:30	N/A	0.0371962	37.196245	5:30	48	8.0264594	1.0418739	
5:45	56	0.000	0.000	5:45	63	0.0012864	1.286	5:45	N/A	0.0370311	37.031131	5:45	48	8.1613623	0.6285704	
6:00	56	0.000	0.000	6:00	63	0.0013242	1.324	6:00	N/A	0.0368726	36.872561	6:00	48	8.0472965	1.2785235	
6:15	56	0.000	0.000	6:15	63	0.0013887	1.389	6:15	N/A	0.0366816	36.681574	6:15	48	8.0527384	1.0160786	
6:30	56	0.000	0.000	6:30	63	0.001797	1.797	6:30	N/A	0.035893	35.892999	6:30	48	8.2894629	0.3379869	
6:45	56	0.000	0.000	6:45	63	0.0019139	1.914	6:45	N/A	0.0351331	35.133127	6:45	48	8.8812489	0.5669957	
7:00	56	0.000	0.000	7:00	63	0.0017433	1.743	7:00	N/A	0.0359722	35.972239	7:00	48	9.3118102	0.8364321	
7:15	56	0.000	0.000	7:15	63	0.001802	1.802	7:15	N/A	0.0372009	37.200875	7:15	48	9.0544058	1.800758	
7:30	56	0.000	0.000	7:30	63	0.0024949	2.495	7:30	N/A	0.0390045	39.004495	7:30	48	9.6145185	1.9921316	
7:45	56	0.000	0.000	7:45	63	0.0024244	2.424	7:45	N/A	0.0418039	41.803932	7:45	48	10.131862	1.3536354	
8:00	56	0.000	0.000	8:00	63	0.0016645	1.665	8:00	N/A	0.0446416	44.641606	8:00	48	9.8034257	1.3133175	
8:15	56	0.000	0.000	8:15	63	0.0008312	0.831	8:15	N/A	0.046235	46.234963	8:15	48	9.621085	1.8269976	
8:30	56	0.000	0.000	8:30	63	0.0004822	0.482	8:30	N/A	0.0476297	47.629652	8:30	48	8.1516606	2.700471	
8:45	56	0.000	0.000	8:45	63	0.0003482	0.348	8:45	N/A	0.0481513	48.151296	8:45	48	6.9471771	2.0630649	
9:00	56	0.000	0.000	9:00	63	0.0006801	0.680	9:00	N/A	0.0459144	45.914448	9:00	48	7.6972742	1.8335704	
9:15	56	0.000	0.000	9:15	63	0.00109	1.090	9:15	N/A	0.0449974	44.997448	9:15	48	6.2145109	2.3499447	
9:30	56	0.000	0.000	9:30	63	0.0004686	0.469	9:30	N/A	0.0490643	49.064315	9:30	48	1.5970308	2.0841356	
9:45	56	0.000	0.000	9:45	63	0	0.000	9:45	N/A	0.0516997	51.699683	9:45	48	0	1.8220197	
10:00	56	0.000	0.000	10:00	63	0	0.000	10:00	N/A	0.0556072	55.607174	10:00	48	0	1.0708962	
10:15	56	0.000	0.000	10:15	63	0	0.000	10:15	N/A	0.0623891	62.389088	10:15	48	0	2.8141883	
10:30	56	0.000	0.000	10:30	63	0	0.000	10:30	N/A	0.0561437	56.143696	10:30	48	0	0.12152	

10:45	56	0.000	0.000	10:45	63	0	0.000	10:45	N/A	0.0534496	53.449575	10:45	48	0	1.2430618	
11:00	56	0.000	0.000	11:00	63	0.0008786	0.879	11:00	N/A	0.0487601	48.760058	11:00	48	1.2943515	1.1935023	
11:15	56	0.000	0.000	11:15	63	0.0008405	0.840	11:15	N/A	0.0486829	48.682905	11:15	48	2.8663005	1.1294751	
11:30	56	0.000	0.000	11:30	63	0	0.000	11:30	N/A	0.0471527	47.152725	11:30	48	0	2.2168549	
11:45	56	0.000	0.000	11:45	63	0	0.000	11:45	N/A	0.0466073	46.607286	11:45	48	0.7664455	1.0942333	
12:00	56	0.000	0.000	12:00	63	0.0001078	0.108	12:00	N/A	0.0390608	39.060773	12:00	48	3.5568133	0.5107959	
12:15	56	0.000	0.000	12:15	63	0.0001348	0.135	12:15	N/A	0.0357269	35.7269	12:15	48	4.7049695	0.6195392	
12:30	56	0.000	0.000	12:30	63	0	0.000	12:30	N/A	0.0323364	32.336439	12:30	48	4.3049392	2.6106474	
12:45	56	0.000	0.000	12:45	63	0	0.000	12:45	N/A	0.0330342	33.03423	12:45	48	4.4931643	1.5958791	
13:00	56	0.000	0.000	13:00	63	5.174E-05	0.052	13:00	N/A	0.0333055	33.305469	13:00	48	3.8003487	0.7891191	
13:15	56	0.000	0.000	13:15	63	0.0001525	0.153	13:15	N/A	0.0325482	32.548233	13:15	48	1.4283835	0.0685127	
13:30	56	0.000	0.000	13:30	63	0.000104	0.104	13:30	N/A	0.0333117	33.311723	13:30	48	1.5650679	0.4835148	
13:45	56	0.000	0.000	13:45	63	5.967E-05	0.060	13:45	N/A	0.031347	31.346976	13:45	48	1.6816047	0.0123083	
14:00	56	0.000	0.000	14:00	63	0.0002541	0.254	14:00	N/A	0.0285143	28.51426	14:00	48	2.4046468	0	
14:15	56	0.000	0.000	14:15	63	0.0002292	0.229	14:15	N/A	0.0257074	25.707438	14:15	48	3.0289143	0.0006249	
14:30	56	0.000	0.000	14:30	63	0	0.000	14:30	N/A	0.0244037	24.403746	14:30	48	3.7941185	0.6600594	
14:45	56	0.000	0.000	14:45	63	0	0.000	14:45	N/A	0.0203965	20.396534	14:45	48	4.0625782	0.1051198	
15:00	56	0.000	0.000	15:00	63	6.215E-05	0.062	15:00	N/A	0.0223903	22.390302	15:00	48	4.3964974	0	
15:15	56	0.000	0.000	15:15	63	0.0004533	0.453	15:15	N/A	0.0234324	23.432367	15:15	48	4.1392514	0	
15:30	56	0.000	0.000	15:30	63	0.0006617	0.662	15:30	N/A	0.0226885	22.688488	15:30	48	3.6374998	0	
15:45	56	0.000	0.000	15:45	63	0.0006129	0.613	15:45	N/A	0.0209388	20.938782	15:45	48	3.8536898	0.5796915	
16:00	56	0.000	0.000	16:00	63	0.0012251	1.225	16:00	N/A	0.018741	18.741015	16:00	48	4.6751699	0.1772015	
16:15	56	0.000	0.000	16:15	63	0.0015884	1.588	16:15	N/A	0.0191325	19.132524	16:15	48	5.4985462	0.1016236	
16:30	56	0.000	0.000	16:30	63	0.001509	1.151	16:30	N/A	0.0202285	20.228491	16:30	48	5.9399917	0.0093339	
16:45	56	0.000	0.000	16:45	63	0.0013819	1.382	16:45	N/A	0.0214098	21.409783	16:45	48	6.1229653	0	
17:00	56	0.000	0.000	17:00	63	0.0021848	2.185	17:00	N/A	0.0215665	21.566503	17:00	48	5.6888604	0	
17:15	56	0.000	0.000	17:15	63	0.0027698	2.770	17:15	N/A	0.0222057	22.205732	17:15	48	6.0649954	0	
17:30	56	0.000	0.000	17:30	63	0.003357	3.357	17:30	N/A	0.0239624	23.962432	17:30	48	6.7430046	0.0979095	
17:45	56	0.000	0.000	17:45	63	0.0038596	3.860	17:45	N/A	0.0223723	22.372311	17:45	48	7.0689569	0.0279772	
18:00	56	0.000	0.000	18:00	63	0.0034809	3.481	18:00	N/A	0.0204688	20.468847	18:00	48	6.9285359	0	
18:15	56	0.000	0.000	18:15	63	0.0034084	3.408	18:15	N/A	0.0210192	21.019184	18:15	48	6.7746217	0	
18:30	56	0.000	0.000	18:30	63	0.0033583	3.358	18:30	N/A	0.0192984	19.298448	18:30	48	7.0188764	0	
18:45	56	0.000	0.000	18:45	63	0.0030425	3.042	18:45	N/A	0.0194188	19.418785	18:45	48	7.1198703	0	
19:00	56	0.000	0.000	19:00	63	0.0027139	2.714	19:00	N/A	0.0193329	19.332863	19:00	48	6.9911242	0	
19:15	56	0.000	0.000	19:15	63	0.0020942	2.094	19:15	N/A	0.0192475	19.247502	19:15	48	7.2356582	0	
19:30	56	0.000	0.000	19:30	63	0.0016387	1.639	19:30	N/A	0.0206341	20.634093	19:30	48	7.36159	0	
19:45	56	0.000	0.000	19:45	63	0.0012189	1.219	19:45	N/A	0.0219461	21.946143	19:45	48	7.550746	0	
20:00	56	0.000	0.000	20:00	63	0.0008584	0.858	20:00	N/A	0.0280358	28.035758	20:00	48	7.5218442	0	
20:15	56	0.000	0.000	20:15	63	0.0011414	1.141	20:15	N/A	0.0621019	62.101902	20:15	48	7.6036959	0	
20:30	56	0.000	0.000	20:30	63	0.0019922	1.992	20:30	N/A	0.0282291	28.229098	20:30	48	7.5523758	0.015464	
20:45	56	0.000	0.000	20:45	63	0.0019099	1.910	20:45	N/A	0.0313657	31.365722	20:45	48	7.5277897	0.2135139	
21:00	56	0.000	0.000	21:00	63	0.0018721	1.872	21:00	N/A	0.0345398	34.539756	21:00	48	6.7254636	0.0647664	
21:15	56	0.000	0.000	21:15	63	0.0013947	1.395	21:15	N/A	0.0378491	37.849147	21:15	48	6.5697189	0	
21:30	56	0.000	0.000	21:30	63	0.0013163	1.316	21:30	N/A	0.038105	38.105044	21:30	48	6.3548152	0	
21:45	56	0.000	0.000	21:45	63	0.0009061	0.906	21:45	N/A	0.0500725	50.072472	21:45	48	7.0297797	0	
22:00	56	0.000	0.000	22:00	63	0.0012977	1.298	22:00	N/A	0.0565461	56.546073	22:00	48	6.8662773	0	
22:15	56	0.000	0.000	22:15	63	0.0016263	1.626	22:15	N/A	0.066102	66.101992	22:15	48	7.0963376	0	
22:30	56	0.000	0.000	22:30	63	0.0014897	1.490	22:30	N/A	0.0617265	61.72655	22:30	48	6.3278539	0	
22:45	56	0.000	0.000	22:45	63	0.0008038	0.804	22:45	N/A	0.059989	59.988992	22:45	48	6.8934098	0	
23:00	56	0.000	0.000	23:00	63	0.0010499	1.050	23:00	N/A	0.0606659	60.665945	23:00	48	6.4034008	0	
23:15	56	0.000	0.000	23:15	63	0.0022161	2.216	23:15	N/A	0.0620536	62.053636	23:15	48	7.821371	0	
23:30	56	0.000	0.000	23:30	63	0.0038392	3.839	23:30	N/A	0.0660004	66.000401	23:30	48	10.435799	0	
23:45	56	0.000	0.000	23:45	63	0.0055374	5.537	23:45	N/A	0.0692489	69.248947	23:45	48	9.9026867	0	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.12	0	0	0	0.38

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

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

4/28/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/28/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/28/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/28/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.000	0.000	0:00	63	0	0.000	0:00	N/A	0.0461256	46.125568	0:00	48	0.0100795	10.079501	
0:15	56	0.000	0.000	0:15	63	0	0.000	0:15	N/A	0.0394228	39.422752	0:15	48	0.0115797	11.579708	
0:30	56	0.000	0.000	0:30	63	0	0.000	0:30	N/A	0.0392368	39.236802	0:30	48	0.008789	8.788968	
0:45	56	0.000	0.000	0:45	63	0	0.000	0:45	N/A	0.0406064	40.606393	0:45	48	0.0137464	13.746376	
1:00	56	0.000	0.000	1:00	63	0	0.000	1:00	N/A	0.042194	42.194031	1:00	48	0.0152541	15.2541	
1:15	56	0.000	0.000	1:15	63	0	0.000	1:15	N/A	0.0458316	45.831575	1:15	48	0.0162232	16.223179	
1:30	56	0.000	0.000	1:30	63	0.0004396	0.440	1:30	N/A	0.0373758	37.375821	1:30	48	0.0170681	17.068137	
1:45	56	0.000	0.000	1:45	63	0.0001494	0.149	1:45	N/A	0.0363069	36.306897	1:45	48	0.017579	17.578993	
2:00	56	0.000	0.000	2:00	63	0.0001432	0.143	2:00	N/A	0.0356739	35.673901	2:00	48	0.018094	18.094031	
2:15	56	0.000	0.000	2:15	63	0.0003246	0.325	2:15	N/A	0.035777	35.776986	2:15	48	0.0189772	18.977202	
2:30	56	0.000	0.000	2:30	63	0.0003946	0.395	2:30	N/A	0.0358939	35.89386	2:30	48	0.0199335	19.933538	
2:45	56	0.000	0.000	2:45	63	0.0002393	0.239	2:45	N/A	0.0367826	36.782616	2:45	48	0.0204178	20.417768	
3:00	56	0.000	0.000	3:00	63	0.0001319	0.132	3:00	N/A	0.037898	37.897973	3:00	48	0.0210332	21.033249	
3:15	56	0.000	0.000	3:15	63	2.684E-05	0.027	3:15	N/A	0.0386015	38.601477	3:15	48	0.0217712	21.771208	
3:30	56	0.000	0.000	3:30	63	0	0.000	3:30	N/A	0.0381544	38.154424	3:30	48	0.0226744	22.67438	
3:45	56	0.000	0.000	3:45	63	4.084E-05	0.041	3:45	N/A	0.0375535	37.553474	3:45	48	0.0230134	23.013362	
4:00	56	0.000	0.000	4:00	63	4.215E-05	0.042	4:00	N/A	0.0374327	37.432692	4:00	48	0.0245225	24.52252	
4:15	56	0.000	0.000	4:15	63	0.0003738	0.374	4:15	N/A	0.0377181	37.718149	4:15	48	0.0253214	25.321353	
4:30	56	0.000	0.000	4:30	63	0.0005526	0.553	4:30	N/A	0.0375481	37.548115	4:30	48	0.0269754	26.975383	
4:45	56	0.000	0.000	4:45	63	0.0006449	0.645	4:45	N/A	0.0376297	37.629738	4:45	48	0.0286958	28.6958	
5:00	56	0.000	0.000	5:00	63	0.0008564	0.856	5:00	N/A	0.0369649	36.964898	5:00	48	0.0305158	30.515843	
5:15	56	0.000	0.000	5:15	63	0.0009037	0.904	5:15	N/A	0.0365009	36.500929	5:15	48	0.0320349	32.0349	
5:30	56	0.000	0.000	5:30	63	0.0009509	0.951	5:30	N/A	0.0371962	37.196245	5:30	48	0.0347639	34.763927	
5:45	56	0.000	0.000	5:45	63	0.0012864	1.286	5:45	N/A	0.0370311	37.031131	5:45	48	0.0375642	37.564235	
6:00	56	0.000	0.000	6:00	63	0.0013242	1.324	6:00	N/A	0.0368726	36.872561	6:00	48	0.0407565	40.756516	
6:15	56	0.000	0.000	6:15	63	0.0013887	1.389	6:15	N/A	0.0366816	36.681574	6:15	48	0.0452541	45.254112	
6:30	56	0.000	0.000	6:30	63	0.001797	1.797	6:30	N/A	0.035893	35.892999	6:30	48	0.0470348	47.034776	
6:45	56	0.000	0.000	6:45	63	0.0019139	1.914	6:45	N/A	0.0351331	35.133127	6:35	48	0.0488959	48.895929	* See Field Investigation Below
7:00	56	0.000	0.000	7:00	63	0.0017433	1.743	7:00	N/A	0.0359722	35.972239	6:40	48	0.0498373	49.837302	* See Field Investigation Below
7:15	56	0.000	0.000	7:15	63	0.001802	1.802	7:15	N/A	0.0372009	37.200875	6:45	48	0.0491655	49.165515	* See Field Investigation Below
7:30	56	0.000	0.000	7:30	63	0.0024949	2.495	7:30	N/A	0.0390045	39.004495	6:50	48	0.0476401	47.640063	* See Field Investigation Below
7:45	56	0.000	0.000	7:45	63	0.0024244	2.424	7:45	N/A	0.0418039	41.803932	6:55	48	0.0490474	49.047441	* See Field Investigation Below
8:00	56	0.000	0.000	8:00	63	0.0016645	1.665	8:00	N/A	0.0446416	44.641606	7:00	48	0.0498379	49.837947	* See Field Investigation Below
8:15	56	0.000	0.000	8:15	63	0.0008312	0.831	8:15	N/A	0.046235	46.234963	7:05	48	0.0490034	49.00343	* See Field Investigation Below
8:30	56	0.000	0.000	8:30	63	0.0004822	0.482	8:30	N/A	0.0476297	47.629652	7:10	48	0.0498556	49.855565	* See Field Investigation Below

8:45	56	0.000	0.000	8:45	63	0.0003482	0.348	8:45	N/A	0.0481513	48.151296	7:15	48	0.0491203	49.120277	* See Field Investigation Below
9:00	56	0.000	0.000	9:00	63	0.0006801	0.680	9:00	N/A	0.0459144	45.914448	7:20	48	0.049075	49.074957	* See Field Investigation Below
9:15	56	0.000	0.000	9:15	63	0.00109	1.090	9:15	N/A	0.0449974	44.997448	7:25	48	0.0487342	48.734228	* See Field Investigation Below
9:30	56	0.000	0.000	9:30	63	0.0004686	0.469	9:30	N/A	0.0490643	49.064315	7:30	48	0.0480627	48.062733	* See Field Investigation Below
9:45	56	0.000	0.000	9:45	63	0	0.000	9:45	N/A	0.0516997	51.699683	7:35	48	0.0489156	48.915641	* See Field Investigation Below
10:00	56	0.000	0.000	10:00	63	0	0.000	10:00	N/A	0.0556072	55.607174	7:40	48	0.049218	49.217987	* See Field Investigation Below
10:15	56	0.000	0.000	10:15	63	0	0.000	10:15	N/A	0.0623891	62.389088	7:45	48	0.04925	49.249954	* See Field Investigation Below
10:30	56	0.000	0.000	10:30	63	0	0.000	10:30	N/A	0.0561437	56.143696	7:50	48	0.0486787	48.678687	* See Field Investigation Below
10:45	56	0.000	0.000	10:45	63	0	0.000	10:45	N/A	0.0534496	53.449575	7:55	48	0.0484621	48.462097	* See Field Investigation Below
11:00	56	0.000	0.000	11:00	63	0.0008786	0.879	11:00	N/A	0.0487601	48.760058	8:00	48	0.0481266	48.126618	* See Field Investigation Below
11:15	56	0.000	0.000	11:15	63	0.0008405	0.840	11:15	N/A	0.0486829	48.682905	8:15	48	0.047948	47.948	
11:30	56	0.000	0.000	11:30	63	0	0.000	11:30	N/A	0.0471527	47.152725	8:30	48	0.0478559	47.85587	
11:45	56	0.000	0.000	11:45	63	0	0.000	11:45	N/A	0.0466073	46.607286	8:45	48	0.0473659	47.365917	
12:00	56	0.000	0.000	12:00	63	0.0001078	0.108	12:00	N/A	0.0390608	39.060773	9:00	48	0.0473735	47.373522	
12:15	56	0.000	0.000	12:15	63	0.0001348	0.135	12:15	N/A	0.0357269	35.7269	9:15	48	0.048299	48.299006	* See Field Investigation Below
12:30	56	0.000	0.000	12:30	63	0	0.000	12:30	N/A	0.0323364	32.336439	9:20	48	0.0482984	48.298448	* See Field Investigation Below
12:45	56	0.000	0.000	12:45	63	0	0.000	12:45	N/A	0.0330342	33.03423	9:25	48	0.0485366	48.536603	* See Field Investigation Below
13:00	56	0.000	0.000	13:00	63	5.174E-05	0.052	13:00	N/A	0.0333055	33.305469	9:30	48	0.0490619	49.061869	* See Field Investigation Below
13:15	56	0.000	0.000	13:15	63	0.0001525	0.153	13:15	N/A	0.0325482	32.548233	9:35	48	0.0497922	49.792177	* See Field Investigation Below
13:30	56	0.000	0.000	13:30	63	0.000104	0.104	13:30	N/A	0.0333117	33.311723	9:40	48	0.049582	49.582005	* See Field Investigation Below
13:45	56	0.000	0.000	13:45	63	5.967E-05	0.060	13:45	N/A	0.031347	31.346976	9:45	48	0.0495754	49.575445	* See Field Investigation Below
14:00	56	0.000	0.000	14:00	63	0.0002541	0.254	14:00	N/A	0.0285143	28.51426	9:50	48	0.0491182	49.11822	* See Field Investigation Below
14:15	56	0.000	0.000	14:15	63	0.0002292	0.229	14:15	N/A	0.0257074	25.707438	9:55	48	0.0477646	47.764576	* See Field Investigation Below
14:30	56	0.000	0.000	14:30	63	0	0.000	14:30	N/A	0.0244037	24.403746	10:00	48	0.0477771	47.777134	* See Field Investigation Below
14:45	56	0.000	0.000	14:45	63	0	0.000	14:45	N/A	0.0203965	20.396534	10:05	48	0.0478124	47.812369	* See Field Investigation Below
15:00	56	0.000	0.000	15:00	63	6.215E-05	0.062	15:00	N/A	0.0223903	22.390302	10:10	48	0.0484723	48.472306	* See Field Investigation Below
15:15	56	0.000	0.000	15:15	63	0.0004533	0.453	15:15	N/A	0.0234324	23.432367	10:15	48	0.0487534	48.753397	* See Field Investigation Below
15:30	56	0.000	0.000	15:30	63	0.0006617	0.662	15:30	N/A	0.0226885	22.688488	10:20	48	0.0487368	48.736772	* See Field Investigation Below
15:45	56	0.000	0.000	15:45	63	0.0006129	0.613	15:45	N/A	0.0209388	20.938782	10:25	48	0.0491522	49.152218	* See Field Investigation Below
16:00	56	0.000	0.000	16:00	63	0.0012251	1.225	16:00	N/A	0.018741	18.741015	10:30	48	0.0489768	48.97685	* See Field Investigation Below
16:15	56	0.000	0.000	16:15	63	0.0015884	1.588	16:15	N/A	0.0191325	19.132524	10:35	48	0.0485923	48.592287	* See Field Investigation Below
16:30	56	0.000	0.000	16:30	63	0.0011509	1.151	16:30	N/A	0.0202285	20.228491	10:40	48	0.0493949	49.39485	* See Field Investigation Below
16:45	56	0.000	0.000	16:45	63	0.0013819	1.382	16:45	N/A	0.0214098	21.409783	10:45	48	0.0487974	48.797381	* See Field Investigation Below
17:00	56	0.000	0.000	17:00	63	0.0021848	2.185	17:00	N/A	0.0215665	21.566503	10:50	48	0.0484095	48.4095	* See Field Investigation Below
17:15	56	0.000	0.000	17:15	63	0.0027698	2.770	17:15	N/A	0.0222057	22.205732	10:55	48	0.0481665	48.166492	* See Field Investigation Below
17:30	56	0.000	0.000	17:30	63	0.003357	3.357	17:30	N/A	0.0239624	23.962432	11:00	48	0.0476286	47.628553	* See Field Investigation Below
17:45	56	0.000	0.000	17:45	63	0.0038596	3.860	17:45	N/A	0.0223723	22.372311	11:15	48	0.0475903	47.590346	
18:00	56	0.000	0.000	18:00	63	0.0034809	3.481	18:00	N/A	0.0204688	20.468847	11:20	48	0.0477873	47.787341	* See Field Investigation Below
18:15	56	0.000	0.000	18:15	63	0.0034084	3.408	18:15	N/A	0.0210192	21.019184	11:25	48	0.0489888	48.988787	* See Field Investigation Below
18:30	56	0.000	0.000	18:30	63	0.0033583	3.358	18:30	N/A	0.0192984	19.298448	11:30	48	0.0500861	50.08607	* See Field Investigation Below
18:45	56	0.000	0.000	18:45	63	0.0030425	3.042	18:45	N/A	0.0194188	19.418785	11:35	48	0.0508584	50.858364	* See Field Investigation Below
19:00	56	0.000	0.000	19:00	63	0.0027139	2.714	19:00	N/A	0.0193329	19.332863	11:40	48	0.0507519	50.751887	* See Field Investigation Below
19:15	56	0.000	0.000	19:15	63	0.0020942	2.094	19:15	N/A	0.0192475	19.247502	11:45	48	0.0506499	50.649879	* See Field Investigation Below
19:30	56	0.000	0.000	19:30	63	0.0016387	1.639	19:30	N/A	0.0206341	20.634093	11:50	48	0.0504897	50.489727	* See Field Investigation Below
19:45	56	0.000	0.000	19:45	63	0.0012189	1.219	19:45	N/A	0.0219461	21.946143	11:55	48	0.0502161	50.216104	* See Field Investigation Below
20:00	56	0.000	0.000	20:00	63	0.0008584	0.858	20:00	N/A	0.0280358	28.035758	12:00	48	0.0496993	49.699262	* See Field Investigation Below
20:15	56	0.000	0.000	20:15	63	0.0011414	1.141	20:15	N/A	0.0621019	62.101902	12:05	48	0.0496654	49.665377	* See Field Investigation Below
20:30	56	0.000	0.000	20:30	63	0.0019922	1.992	20:30	N/A	0.0282291	28.229098	12:10	48	0.0487855	48.785455	* See Field Investigation Below
20:45	56	0.000	0.000	20:45	63	0.0019099	1.910	20:45	N/A	0.0313657	31.365722	12:15	48	0.0483596	48.359559	* See Field Investigation Below
21:00	56	0.000	0.000	21:00	63	0.0018721	1.872	21:00	N/A	0.0345398	34.539756	12:20	48	0.0487178	48.717821	* See Field Investigation Below
21:15	56	0.000	0.000	21:15	63	0.0013947	1.395	21:15	N/A	0.0378491	37.849147	12:25	48	0.0493714	49.371406	* See Field Investigation Below
21:30	56	0.000	0.000	21:30	63	0.0013163	1.316	21:30	N/A	0.038105	38.105044	12:30	48	0.0484335	48.433485	* See Field Investigation Below
21:45	56	0.000	0.000	21:45	63	0.0009061	0.906	21:45	N/A	0.0500725	50.072472	12:35	48	0.0483644	48.36435	* See Field Investigation Below

22:00	56	0.000	0.000	22:00	63	0.0012977	1.298	22:00	N/A	0.0565461	56.546073	12:40	48	0.0491346	49.134611	* See Field Investigation Below
22:15	56	0.000	0.000	22:15	63	0.0016263	1.626	22:15	N/A	0.066102	66.101992	12:45	48	0.0493506	49.350557	* See Field Investigation Below
22:30	56	0.000	0.000	22:30	63	0.0014897	1.490	22:30	N/A	0.0617265	61.72655	12:50	48	0.0496916	49.691583	* See Field Investigation Below
22:45	56	0.000	0.000	22:45	63	0.0008038	0.804	22:45	N/A	0.059989	59.988992	12:55	48	0.0495933	49.593292	* See Field Investigation Below
23:00	56	0.000	0.000	23:00	63	0.0010499	1.050	23:00	N/A	0.0606659	60.665945	13:00	48	0.0508184	50.818383	* See Field Investigation Below
23:15	56	0.000	0.000	23:15	63	0.0022161	2.216	23:15	N/A	0.0620536	62.053636	13:05	48	0.0510255	51.025517	* See Field Investigation Below
23:30	56	0.000	0.000	23:30	63	0.0038392	3.839	23:30	N/A	0.0660004	66.000401	13:10	48	0.0515026	51.502559	* See Field Investigation Below
23:45	56	0.000	0.000	23:45	63	0.0055374	5.537	23:45	N/A	0.0692489	69.248947	13:15	48	0.0515779	51.57788	* See Field Investigation Below

* Field Investigation	Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. Please refer to Summa canister laboratory analytical data for ambient air results.
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13:20	48	0.0515127	51.512731	* See Field Investigation Below
13:25	48	0.0516662	51.666222	* See Field Investigation Below
13:30	48	0.0517523	51.752252	* See Field Investigation Below
13:35	48	0.0523467	52.346716	* See Field Investigation Below
13:40	48	0.0522623	52.262277	* See Field Investigation Below
13:45	48	0.0527555	52.755546	* See Field Investigation Below
13:50	48	0.0532499	53.249895	* See Field Investigation Below
13:55	48	0.0529277	52.927745	* See Field Investigation Below
14:00	48	0.052773	52.772974	* See Field Investigation Below
14:05	48	0.0543664	54.366352	* See Field Investigation Below
14:10	48	0.0539859	53.985906	* See Field Investigation Below
14:15	48	0.0536936	53.693626	* See Field Investigation Below
14:20	48	0.0538644	53.864399	* See Field Investigation Below
14:25	48	0.0538508	53.850822	* See Field Investigation Below
14:30	48	0.0540901	54.090113	* See Field Investigation Below
14:35	48	0.054552	54.552033	* See Field Investigation Below
14:40	48	0.05477	54.769952	* See Field Investigation Below
14:45	48	0.0549712	54.971247	* See Field Investigation Below
14:50	48	0.0549952	54.995207	* See Field Investigation Below
14:55	48	0.0553457	55.345658	* See Field Investigation Below
15:00	48	0.0556165	55.616548	* See Field Investigation Below
15:05	48	0.0551782	55.178177	* See Field Investigation Below
15:10	48	0.0550443	55.04431	* See Field Investigation Below
15:15	48	0.055174	55.174024	* See Field Investigation Below
15:20	48	0.054785	54.785034	* See Field Investigation Below
15:25	48	0.054356	54.355959	* See Field Investigation Below
15:30	48	0.0548336	54.833639	* See Field Investigation Below
15:35	48	0.0554463	55.446337	* See Field Investigation Below
15:40	48	0.0559444	55.944383	* See Field Investigation Below
15:45	48	0.0564866	56.486621	* See Field Investigation Below
15:50	48	0.0570631	57.06307	* See Field Investigation Below
15:55	48	0.0573543	57.354256	* See Field Investigation Below
16:00	48	0.0566508	56.650812	* See Field Investigation Below
16:05	48	0.056136	56.135966	* See Field Investigation Below
16:10	48	0.0552313	55.23133	* See Field Investigation Below
16:15	48	0.0550733	55.073327	* See Field Investigation Below
16:20	48	0.0547575	54.757492	* See Field Investigation Below
16:25	48	0.0540655	54.065533	* See Field Investigation Below
16:30	48	0.05307	53.069983	* See Field Investigation Below
16:35	48	0.0525363	52.536312	* See Field Investigation Below
16:40	48	0.052219	52.21896	* See Field Investigation Below
16:45	48	0.0518685	51.868477	* See Field Investigation Below
16:50	48	0.0520573	52.057313	* See Field Investigation Below
16:55	48	0.0517809	51.780904	* See Field Investigation Below
17:00	48	0.0515188	51.518771	* See Field Investigation Below

17:05	48	0.050764	50.764014	* See Field Investigation Below
17:10	48	0.0501003	50.100284	* See Field Investigation Below
17:15	48	0.0500487	50.048732	* See Field Investigation Below
17:20	48	0.0502229	50.222909	* See Field Investigation Below
17:25	48	0.0499109	49.910932	* See Field Investigation Below
17:30	48	0.0496218	49.621836	* See Field Investigation Below
17:35	48	0.0499121	49.912085	* See Field Investigation Below
17:40	48	0.049443	49.442993	* See Field Investigation Below
17:45	48	0.0490671	49.067077	* See Field Investigation Below
17:50	48	0.0498456	49.845629	* See Field Investigation Below
17:55	48	0.0495933	49.593266	* See Field Investigation Below
18:00	48	0.0486828	48.682758	* See Field Investigation Below
18:05	48	0.0486593	48.65927	* See Field Investigation Below
18:10	48	0.0477265	47.726514	
18:15	48	0.0477937	47.793737	
18:30	48	0.0467935	46.793479	
18:45	48	0.0462933	46.293338	
19:00	48	0.0451655	45.165539	
19:15	48	0.0450749	45.07491	
19:30	48	0.0456634	45.663402	
19:45	48	0.0456752	45.675229	
20:00	48	0.045538	45.537963	
20:15	48	0.0460866	46.086571	
20:30	48	0.0464779	46.47787	
20:45	48	0.0464647	46.464696	
21:00	48	0.0468715	46.871466	
21:15	48	0.0469284	46.928416	
21:30	48	0.0470426	47.042631	
21:45	48	0.0476423	47.642311	
22:00	48	0.0473519	47.351948	
22:15	48	0.0461399	46.139911	
22:30	48	0.0453733	45.373325	
22:45	48	0.0451378	45.137847	
23:00	48	0.0452682	45.268206	
23:15	48	0.0435762	43.576155	
23:30	48	0.0421536	42.153584	
23:45	48	0.0420474	42.047385	



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

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

4/29/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/29/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/29/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/29/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.000	0.000	0:00	63	25.61955	0.000	0:00	N/A	0.1480458	148.04577	0:00	48	0.0412679	41.267876	
0:15	56	0.000	0.000	0:15	63	25.319551	0.000	0:15	N/A	0.1472575	147.25754	0:15	48	0.041367	41.367046	
0:30	56	0.000	0.000	0:30	63	25.17654	0.000	0:30	N/A	0.1480957	148.09574	0:30	48	0.0416971	41.697077	
0:45	56	0.000	0.000	0:45	63	25.307564	0.000	0:45	N/A	0.1486678	148.66777	0:45	48	0.0413533	41.353296	
1:00	56	0.000	0.000	1:00	63	25.238353	0.000	1:00	N/A	0.1480938	148.0938	1:00	48	0.0407531	40.753132	
1:15	56	0.000	0.000	1:15	63	24.917009	0.000	1:15	N/A	0.1475067	147.50674	1:15	48	0.0403654	40.36542	
1:30	56	0.000	0.000	1:30	63	24.550146	0.440	1:30	N/A	0.1450175	145.01747	1:30	48	0.0407561	40.756105	
1:45	56	0.000	0.000	1:45	63	24.335719	0.149	1:45	N/A	0.1431865	143.18653	1:45	48	0.0402008	40.200832	
2:00	56	0.000	0.000	2:00	63	23.768277	0.143	2:00	N/A	0.1420757	142.07566	2:00	48	0.0390911	39.091098	
2:15	56	0.000	0.000	2:15	63	23.264429	0.325	2:15	N/A	0.141551	141.55096	2:15	48	0.0385883	38.58831	
2:30	56	0.000	0.000	2:30	63	23.333352	0.395	2:30	N/A	0.1396966	139.69655	2:30	48	0.0384879	38.487949	
2:45	56	0.000	0.000	2:45	63	23.489795	0.239	2:45	N/A	0.1412284	141.22836	2:45	48	0.0384666	38.466644	
3:00	56	0.000	0.000	3:00	63	23.668724	0.132	3:00	N/A	0.142598	142.59804	3:00	48	0.0388161	38.816074	
3:15	56	0.000	0.000	3:15	63	23.703034	0.027	3:15	N/A	0.1437697	143.76966	3:15	48	0.0395424	39.542401	
3:30	56	0.000	0.000	3:30	63	23.863568	0.000	3:30	N/A	0.1430252	143.02521	3:30	48	0.0394867	39.48673	
3:45	56	0.000	0.000	3:45	63	23.927754	0.041	3:45	N/A	0.1421303	142.13028	3:45	48	0.0380051	38.005128	
4:00	56	0.000	0.000	4:00	63	23.831226	0.042	4:00	N/A	0.1426111	142.61113	4:00	48	0.0380575	38.057502	
4:15	56	0.000	0.000	4:15	63	24.018235	0.374	4:15	N/A	0.1447647	144.76471	4:15	48	0.0378167	37.816736	
4:30	56	0.000	0.000	4:30	63	24.565909	0.553	4:30	N/A	0.145578	145.57799	4:30	48	0.0379503	37.950343	
4:45	56	0.000	0.000	4:45	63	24.378208	0.645	4:45	N/A	0.1449147	144.9147	4:45	48	0.0392614	39.261429	
5:00	56	0.000	0.000	5:00	63	24.693865	0.856	5:00	N/A	0.1450551	145.05514	5:00	48	0.0400121	40.012084	
5:15	56	0.000	0.000	5:15	63	25.549368	0.904	5:15	N/A	0.1458435	145.84351	5:15	48	0.0395392	39.539222	
5:30	56	0.000	0.000	5:30	63	25.687083	0.951	5:30	N/A	0.1464183	146.41835	5:30	48	0.0402359	40.235859	
5:45	56	0.000	0.000	5:45	63	25.648275	1.286	5:45	N/A	0.1479911	147.99112	5:45	48	0.0411326	41.132571	
6:00	56	0.000	0.000	6:00	63	25.940711	1.324	6:00	N/A	0.148537	148.53702	6:00	48	0.0406327	40.632734	
6:15	56	0.000	0.000	6:15	63	26.528063	1.389	6:15	N/A	0.1484778	148.47785	6:15	48	0.0411685	41.168487	
6:30	56	0.000	0.000	6:30	63	26.261648	1.797	6:30	N/A	0.1490243	149.02427	6:30	48	0.0412457	41.245688	
6:45	56	0.000	0.000	6:45	63	26.726502	1.914	6:45	N/A	0.1498907	149.89074	6:45	48	0.0414666	41.466636	
7:00	56	0.000	0.000	7:00	63	27.058977	1.743	7:00	N/A	0.1506686	150.66861	7:00	48	0.041888	41.887967	
7:15	56	0.000	0.000	7:15	63	27.867301	1.802	7:15	N/A	0.1517127	151.71271	7:15	48	0.042344	42.343964	
7:30	56	0.000	0.000	7:30	63	28.123557	2.495	7:30	N/A	0.1525528	152.5528	7:30	48	0.0428848	42.884799	
7:45	56	0.000	0.000	7:45	63	28.280316	2.424	7:45	N/A	0.1531157	153.11573	7:45	48	0.0438217	43.821699	
8:00	56	0.000	0.000	8:00	63	28.646965	1.665	8:00	N/A	0.154093	154.09299	8:00	48	0.0441143	44.114344	
8:15	56	0.000	0.000	8:15	63	29.240228	0.831	8:15	N/A	0.1544857	154.48566	8:15	48	0.0447215	44.72149	
8:30	56	0.000	0.000	8:30	63	29.738857	0.482	8:30	N/A	0.1561018	156.10183	8:30	48	0.0459273	45.927347	

8:45	56	0.000	0.000	8:45	63	30.411798	0.348	8:45	N/A	0.1573629	157.3629	8:45	48	0.0464456	46.445558	
9:00	56	0.000	0.000	9:00	63	31.224128	0.680	9:00	N/A	0.1581221	158.12206	9:00	48	0.0469801	46.980123	
9:15	56	0.000	0.000	9:15	63	31.140044	1.090	9:15	N/A	0.1574002	157.40019	9:15	48	0.0466864	46.686445	
9:30	56	0.000	0.000	9:30	63	30.94905	0.469	9:30	N/A	0.1580453	158.04525	9:30	48	0.0473723	47.372268	
9:45	56	0.000	0.000	9:45	63	31.923696	0.000	9:45	N/A	0.1595614	159.56137	9:45	48	0.0472959	47.295922	
10:00	56	0.000	0.094	10:00	63	31.97286	0.000	10:00	N/A	0.1599325	159.93249	10:00	48	0.0492312	49.231238	* See Field Investigation Below
10:15	56	0.000	0.184	10:15	63	32.33803	0.000	10:15	N/A	0.1599398	159.93984	10:05	48	0.048496	48.495991	* See Field Investigation Below
10:30	56	0.001	0.556	10:30	63	33.271676	0.000	10:30	N/A	0.1606418	160.64178	10:10	48	0.0485362	48.536226	* See Field Investigation Below
10:45	56	0.001	0.761	10:45	63	34.732986	0.000	10:45	N/A	0.1612391	161.23908	10:15	48	0.0488438	48.843778	* See Field Investigation Below
11:00	56	0.001	0.701	11:00	63	33.674985	0.879	11:00	N/A	0.1611057	161.10568	10:20	48	0.0490836	49.083592	* See Field Investigation Below
11:15	56	0.001	0.899	11:15	63	34.04517	0.840	11:15	N/A	0.1610079	161.00788	10:25	48	0.050349	50.348968	* See Field Investigation Below
11:30	56	0.001	1.049	11:30	63	33.345766	0.000	11:30	N/A	0.1598754	159.8754	10:30	48	0.0513955	51.395528	* See Field Investigation Below
11:45	56	0.001	0.880	11:45	63	32.714308	0.000	11:45	N/A	0.1579435	157.94354	10:35	48	0.0511626	51.162583	* See Field Investigation Below
12:00	56	0.001	0.760	12:00	63	31.351999	0.108	12:00	N/A	0.1568745	156.87453	10:40	48	0.0500795	50.079492	* See Field Investigation Below
12:15	56	0.001	0.938	12:15	63	31.955049	0.135	12:15	N/A	0.157391	157.39104	10:45	48	0.0500861	50.08614	* See Field Investigation Below
12:30	56	0.001	0.829	12:30	63	29.011325	0.000	12:30	N/A	0.1576175	157.61753	10:50	48	0.0493812	49.381199	* See Field Investigation Below
12:45	56	0.000	0.279	12:45	63	9.0891071	0.000	12:45	N/A	0.1563157	156.31569	10:55	48	0.0483153	48.315312	* See Field Investigation Below
13:00	56	0.000	0.452	13:00	63	1.3593937	0.052	13:00	N/A	0.1550442	155.04417	11:00	48	0.0499692	49.96924	* See Field Investigation Below
13:15	56	0.001	0.949	13:15	63	30.565379	0.153	13:15	N/A	0.1520962	152.09618	11:05	48	0.0507804	50.780357	* See Field Investigation Below
13:30	56	0.001	0.662	13:30	63	29.465408	0.104	13:30	N/A	0.1505545	150.55452	11:10	48	0.0511274	51.127406	* See Field Investigation Below
13:45	56	0.000	0.329	13:45	63	28.863054	0.060	13:45	N/A	0.1477605	147.76054	11:15	48	0.0498527	49.852732	* See Field Investigation Below
14:00	56	0.000	0.202	14:00	63	27.090322	0.254	14:00	N/A	0.1468436	146.84361	11:20	48	0.0501147	50.114703	* See Field Investigation Below
14:15	56	0.000	0.140	14:15	63	27.481607	0.229	14:15	N/A	0.1466204	146.62037	11:25	48	0.0492577	49.257686	* See Field Investigation Below
14:30	56	0.000	0.100	14:30	63	26.908362	0.000	14:30	N/A	0.1455289	145.52889	11:30	48	0.0504511	50.451146	* See Field Investigation Below
14:45	56	0.000	0.000	14:45	63	26.778893	0.000	14:45	N/A	0.1429745	142.97451	11:35	48	0.0504929	50.492907	* See Field Investigation Below
15:00	56	0.000	0.000	15:00	63	26.265547	0.062	15:00	N/A	0.1415006	141.50056	11:40	48	0.0496008	49.60079	* See Field Investigation Below
15:15	56	0.000	0.000	15:15	63	25.994588	0.453	15:15	N/A	0.1420569	142.05692	11:45	48	0.0489133	48.913283	* See Field Investigation Below
15:30	56	0.000	0.000	15:30	63	24.803603	0.662	15:30	N/A	0.1407218	140.72182	11:50	48	0.0492661	49.266114	* See Field Investigation Below
15:45	56	0.000	0.053	15:45	63	24.20236	0.613	15:45	N/A	0.1424897	142.48969	11:55	48	0.0490548	49.054797	* See Field Investigation Below
16:00	56	0.000	0.058	16:00	63	23.226613	1.225	16:00	N/A	0.1427682	142.76821	12:00	48	0.0486751	48.675133	* See Field Investigation Below
16:15	56	0.000	0.000	16:15	63	25.675062	1.588	16:15	N/A	0.1441295	144.1295	12:05	48	0.0495688	49.56882	* See Field Investigation Below
16:30	56	0.000	0.000	16:30	63	25.821183	1.151	16:30	N/A	0.1440199	144.01991	12:10	48	0.0497277	49.727725	* See Field Investigation Below
16:45	56	0.000	0.000	16:45	63	25.564743	1.382	16:45	N/A	0.1419696	141.96957	12:15	48	0.0507411	50.741084	* See Field Investigation Below
17:00	56	0.000	0.000	17:00	63	25.124497	2.185	17:00	N/A	0.1380707	138.07067	12:20	48	0.0505405	50.540503	* See Field Investigation Below
17:15	56	0.000	0.000	17:15	63	23.323437	2.770	17:15	N/A	0.1367469	136.74691	12:25	48	0.049987	49.987042	* See Field Investigation Below
17:30	56	0.000	0.000	17:30	63	23.267168	3.357	17:30	N/A	0.1383157	138.31575	12:30	48	0.0348782	34.878216	
17:45	56	0.000	0.000	17:45	63	24.718526	3.860	17:45	N/A	0.1387825	138.78254	12:45	48	0.0164924	16.492386	
18:00	56	0.000	0.000	18:00	63	24.700157	3.481	18:00	N/A	0.1373946	137.39463	13:00	48	0.0157231	15.723131	
18:15	56	0.000	0.000	18:15	63	23.615263	3.408	18:15	N/A	0.1372342	137.23419	13:15	48	0.043746	43.74597	
18:30	56	0.000	0.000	18:30	63	21.951145	3.358	18:30	N/A	0.1372703	137.27029	13:30	48	0.0459642	45.964184	
18:45	56	0.000	0.000	18:45	63	21.860573	3.042	18:45	N/A	0.1337941	133.79413	13:45	48	0.0437952	43.795196	
19:00	56	0.000	0.000	19:00	63	20.565756	2.714	19:00	N/A	0.1308232	130.82321	14:00	48	0.0424797	42.479679	
19:15	56	0.000	0.000	19:15	63	20.929552	2.094	19:15	N/A	0.1301237	130.12375	14:15	48	0.0436174	43.617436	
19:30	56	0.000	0.000	19:30	63	20.959604	1.639	19:30	N/A	0.1328339	132.83391	14:30	48	0.0436779	43.677918	
19:45	56	0.000	0.000	19:45	63	21.874941	1.219	19:45	N/A	0.1362188	136.21881	14:45	48	0.0418748	41.874824	
20:00	56	0.000	0.000	20:00	63	22.158728	0.858	20:00	N/A	0.1385749	138.57489	15:00	48	0.0411833	41.183345	
20:15	56	0.000	0.000	20:15	63	22.200752	1.141	20:15	N/A	0.1408271	140.82712	15:15	48	0.0406846	40.684575	
20:30	56	0.000	0.000	20:30	63	23.044631	1.992	20:30	N/A	0.1423529	142.35292	15:30	48	0.0403435	40.343521	
20:45	56	0.000	0.000	20:45	63	22.782718	1.910	20:45	N/A	0.1447996	144.79963	15:45	48	0.0407359	40.735862	
21:00	56	0.000	0.000	21:00	63	24.327922	1.872	21:00	N/A	0.1449285	144.9285	16:00	48	0.0397951	39.795148	
21:15	56	0.000	0.000	21:15	63	25.431807	1.395	21:15	N/A	0.1448435	144.84349	16:15	48	0.0415586	41.5586	
21:30	56	0.000	0.012	21:30	63	25.451984	1.316	21:30	N/A	0.1458367	145.83674	16:30	48	0.0418203	41.820307	
21:45	56	0.000	0.029	21:45	63	26.109138	0.906	21:45	N/A	0.1462729	146.27294	16:45	48	0.041142	41.141986	

22:00	56	0.000	0.000	22:00	63	26.081703	1.298	22:00	N/A	0.147572	147.57204	17:00	48	0.0391634	39.163431
22:15	56	0.000	0.099	22:15	63	25.553428	1.626	22:15	N/A	0.149365	149.36505	17:15	48	0.0386849	38.68486
22:30	56	0.000	0.305	22:30	63	25.646032	1.490	22:30	N/A	0.1508843	150.88426	17:30	48	0.0388881	38.888086
22:45	56	0.000	0.209	22:45	63	26.415427	0.804	22:45	N/A	0.1517694	151.76941	17:45	48	0.0396184	39.618399
23:00	56	0.000	0.000	23:00	63	26.286767	1.050	23:00	N/A	0.1516719	151.67188	18:00	48	0.0386837	38.683737
23:15	56	0.000	0.000	23:15	63	12.510674	2.216	23:15	N/A	0.1525808	152.58081	18:15	48	0.0376594	37.659351
23:30	56	0.000	0.000	23:30	63	20.967128	3.839	23:30	N/A	0.1527476	152.74757	18:30	48	0.0353078	35.307752
23:45	56	0.000	0.000	23:45	63	23.634548	5.537	23:45	N/A	0.1523687	152.36873	18:45	48	0.0351091	35.109125
												19:00	48	0.0345787	34.578737
												19:15	48	0.0346365	34.636472
												19:30	48	0.0352599	35.259894
												19:45	48	0.0357984	35.798428
												20:00	48	0.0376301	37.630113
												20:15	48	0.0391646	39.164579
												20:30	48	0.0406918	40.69179
												20:45	48	0.042544	42.543996
												21:00	48	0.0433683	43.368308
												21:15	48	0.0428795	42.879523
												21:30	48	0.0422872	42.287161
												21:45	48	0.0426525	42.652487
												22:00	48	0.0434575	43.457508
												22:15	48	0.0446853	44.685323
												22:30	48	0.0458933	45.893287
												22:45	48	0.0442742	44.274184
												23:00	48	0.0439939	43.993927
												23:15	48	0.02727	27.270049
												23:30	48	0.0324847	32.484695
												23:45	48	0.0414194	41.419372

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

4/30/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	4/30/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	4/30/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	4/30/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.000	0.000	0:00	63	0.0228479	22.848	0:00	N/A	0.1507115	150.71151	0:00	48	0.0403002	40.300219	
0:15	56	0.000	0.000	0:15	63	0.022709	22.709	0:15	N/A	0.1471247	147.12472	0:15	48	0.0388283	38.828286	
0:30	56	0.000	0.000	0:30	63	0.0219672	21.967	0:30	N/A	0.1447602	144.76025	0:30	48	0.0374772	37.477198	
0:45	56	0.000	0.000	0:45	63	0.0209332	20.933	0:45	N/A	0.1435918	143.59181	0:45	48	0.0365597	36.559703	
1:00	56	0.000	0.000	1:00	63	0.0202412	20.241	1:00	N/A	0.1405772	140.57716	1:00	48	0.0360398	36.039827	
1:15	56	0.000	0.000	1:15	63	0.0203378	20.338	1:15	N/A	0.1401579	140.15789	1:15	48	0.036356	36.355985	
1:30	56	0.000	0.000	1:30	63	0.0210766	21.077	1:30	N/A	0.1420925	142.09248	1:30	48	0.0372548	37.254782	
1:45	56	0.000	0.000	1:45	63	0.0219003	21.900	1:45	N/A	0.1438531	143.85309	1:45	48	0.0373885	37.388456	
2:00	56	0.000	0.000	2:00	63	0.0229304	22.930	2:00	N/A	0.1472727	147.27271	2:00	48	0.0363017	36.301692	
2:15	56	0.000	0.000	2:15	63	0.0243896	24.390	2:15	N/A	0.1520217	152.02174	2:15	48	0.0298891	29.889124	
2:30	56	0.000	0.000	2:30	63	0.0194317	19.432	2:30	N/A	0.152002	152.00201	2:30	48	0.0327432	32.743181	
2:45	56	0.000	0.000	2:45	63	0.0248328	24.833	2:45	N/A	0.1505374	150.53738	2:45	48	0.0399005	39.900461	
3:00	56	0.000	0.000	3:00	63	0.027057	27.057	3:00	N/A	0.1502243	150.22426	3:00	48	0.0406189	40.618938	
3:15	56	0.000	0.000	3:15	63	0.02686	26.860	3:15	N/A	0.1510249	151.02486	3:15	48	0.0409591	40.959097	
3:30	56	0.000	0.000	3:30	63	0.026772	26.772	3:30	N/A	0.1516002	151.60022	3:30	48	0.0409033	40.903323	
3:45	56	0.000	0.000	3:45	63	0.0265283	26.528	3:45	N/A	0.1512125	151.21254	3:45	48	0.0404232	40.423154	
4:00	56	0.000	0.000	4:00	63	0.0267503	26.750	4:00	N/A	0.1533851	153.38513	4:00	48	0.0405405	40.540477	
4:15	56	0.000	0.000	4:15	63	0.027146	27.146	4:15	N/A	0.1575086	157.50865	4:15	48	0.0413244	41.32439	
4:30	56	0.000	0.000	4:30	63	0.0267861	26.786	4:30	N/A	0.1560436	156.04362	4:30	48	0.0422154	42.215442	
4:45	56	0.000	0.000	4:45	63	0.0271	27.100	4:45	N/A	0.1561473	156.14727	4:45	48	0.0413891	41.38914	
5:00	56	0.000	0.000	5:00	63	0.0220088	22.009	5:00	N/A	0.1578896	157.88956	5:00	48	0.035497	35.496991	
5:15	56	0.000	0.000	5:15	63	0.0250543	25.054	5:15	N/A	0.1583831	158.38312	5:15	48	0.0356001	35.600065	
5:30	56	0.000	0.000	5:30	63	0.0289854	28.985	5:30	N/A	0.1587782	158.77823	5:30	48	0.0433203	43.320329	
5:45	56	0.000	0.000	5:45	63	0.0291804	29.180	5:45	N/A	0.1586406	158.64062	5:45	48	0.0434113	43.411271	
6:00	56	0.000	0.000	6:00	63	0.0292323	29.232	6:00	N/A	0.1594578	159.45783	6:00	48	0.0442723	44.272341	
6:15	56	0.000	0.000	6:15	63	0.0296133	29.613	6:15	N/A	0.1604181	160.41806	6:15	48	0.0453899	45.389893	
6:30	56	0.000	0.000	6:30	63	0.0300751	30.075	6:30	N/A	0.1604587	160.45868	6:30	48	0.0461882	46.188246	
6:45	56	0.000	0.000	6:45	63	0.0305118	30.512	6:45	N/A	0.1605241	160.52412	6:45	48	0.046238	46.237956	
7:00	56	0.000	0.012	7:00	63	0.0311054	31.105	7:00	N/A	0.1610387	161.03867	7:00	48	0.0468135	46.813512	
7:15	56	0.000	0.099	7:15	63	0.0313532	31.353	7:15	N/A	0.1618361	161.83608	7:15	48	0.0475395	47.539485	
7:30	56	0.000	0.041	7:30	63	0.0314477	31.448	7:30	N/A	0.1626278	162.62777	7:30	48	0.0470804	47.080354	
7:45	56	0.000	0.420	7:45	63	0.0322239	32.224	7:45	N/A	0.1631845	163.18455	7:45	48	0.0492781	49.278135	* See Field Investigation Below
8:00	56	0.001	0.833	8:00	63	0.0333759	33.376	8:00	N/A	0.1644071	164.40714	7:50	48	0.0490002	49.00017	* See Field Investigation Below
8:15	56	0.001	0.991	8:15	63	0.0339925	33.993	8:15	N/A	0.1656857	165.68572	7:55	48	0.0488424	48.842362	* See Field Investigation Below
8:30	56	0.000	0.318	8:30	63	0.0341154	34.115	8:30	N/A	0.1655034	165.50341	8:00	48	0.0478825	47.882547	* See Field Investigation Below
8:45	56	0.000	0.258	8:45	63	0.0345205	34.521	8:45	N/A	0.1652774	165.27737	8:05	48	0.046707	46.707017	* See Field Investigation Below
9:00	56	0.001	0.617	9:00	63	0.0349776	34.978	9:00	N/A	0.1697145	169.71448	8:10	48	0.0483859	48.385925	* See Field Investigation Below
9:15	56	0.001	0.517	9:15	63	0.0232798	23.280	9:15	N/A	0.1728547	172.8547	8:15	48	0.0486109	48.610943	* See Field Investigation Below
9:30	56	0.002	1.644	9:30	63	0.0258082	25.808	9:30	N/A	0.1700277	170.02775	8:20	48	0.0485395	48.539477	* See Field Investigation Below
9:45	56	0.002	1.766	9:45	63	0.035915	35.915	9:45	N/A	0.1687851	168.78507	8:25	48	0.0491329	49.132868	* See Field Investigation Below
10:00	56	0.002	2.284	10:00	63	0.0362209	36.221	10:00	N/A	0.1694369	169.43686	8:30	48	0.0490211	49.021089	* See Field Investigation Below
10:15	56	0.002	2.079	10:15	63	0.0367497	36.750	10:15	N/A	0.1725547	172.55466	8:35	48	0.0489288	48.928805	* See Field Investigation Below

10:30	56	0.002	2.050	10:30	63	0.0369662	36.966	10:30	N/A	0.1736297	173.62969	8:40	48	0.0495829	49.582935	* See Field Investigation Below
10:45	56	0.003	2.592	10:45	63	0.037078	37.078	10:45	N/A	0.1706563	170.65625	8:45	48	0.0491215	49.121474	* See Field Investigation Below
11:00	56	0.003	3.045	11:00	63	0.037024	37.024	11:00	N/A	0.1694609	169.46085	8:50	48	0.0483938	48.393757	* See Field Investigation Below
11:15	56	0.003	2.751	11:15	63	0.0366833	36.683	11:15	N/A	0.1693698	169.36975	8:55	48	0.0485719	48.571934	* See Field Investigation Below
11:30	56	0.003	2.507	11:30	63	0.0366403	36.640	11:30	N/A	0.1692743	169.27432	9:00	48	0.0508206	50.820589	* See Field Investigation Below
11:45	56	0.003	2.553	11:45	63	0.0367563	36.756	11:45	N/A	0.1695616	169.56157	9:15	48	0.0511626	51.162583	
12:00	56	0.003	2.662	12:00	63	0.0364122	36.412	12:00	N/A	0.1697536	169.75363	9:30	48	0.0509747	50.974676	* See Field Investigation Below
12:15	56	0.003	2.731	12:15	63	0.0361348	36.135	12:15	N/A	0.1697703	169.77034	9:35	48	0.0505423	50.542348	* See Field Investigation Below
12:30	56	0.003	2.711	12:30	63	0.0362789	36.279	12:30	N/A	0.1703565	170.35646	9:40	48	0.0504002	50.400153	* See Field Investigation Below
12:45	56	0.003	2.714	12:45	63	0.0365221	36.522	12:45	N/A	0.170215	170.21501	9:45	48	0.0514554	51.45544	* See Field Investigation Below
13:00	56	0.003	2.648	13:00	63	0.0342274	34.227	13:00	N/A	0.1624217	162.42172	9:50	48	0.0510716	51.071557	* See Field Investigation Below
13:15	56	0.001	0.566	13:15	63	0.0277409	27.741	13:15	N/A	0.1492073	149.20729	9:55	48	0.0510279	51.027943	* See Field Investigation Below
13:30	56	0.000	0.032	13:30	63	0.0221705	22.170	13:30	N/A	0.1394334	139.43338	10:00	48	0.0511116	51.111603	* See Field Investigation Below
13:45	56	0.000	0.000	13:45	63	0.0199345	19.935	13:45	N/A	0.1337396	133.73959	10:05	48	0.0507814	50.781367	* See Field Investigation Below
14:00	56	0.000	0.000	14:00	63	0.0187138	18.714	14:00	N/A	0.1321079	132.10788	10:10	48	0.0503975	50.397462	* See Field Investigation Below
14:15	56	0.000	0.000	14:15	63	0.0175887	17.589	14:15	N/A	0.1280837	128.08373	10:15	48	0.0504876	50.487627	* See Field Investigation Below
14:30	56	0.000	0.000	14:30	63	0.0156275	15.628	14:30	N/A	0.1229305	122.93054	10:20	48	0.0502176	50.217595	* See Field Investigation Below
14:45	56	0.000	0.000	14:45	63	0.0141112	14.111	14:45	N/A	0.1157226	115.72261	10:25	48	0.0510137	51.013734	* See Field Investigation Below
15:00	56	0.000	0.000	15:00	63	0.0125407	12.541	15:00	N/A	0.1081898	108.18976	10:30	48	0.051729	51.729041	* See Field Investigation Below
15:15	56	0.000	0.000	15:15	63	0.0108188	10.819	15:15	N/A	0.1025437	102.5437	10:35	48	0.0507161	50.716139	* See Field Investigation Below
15:30	56	0.000	0.000	15:30	63	0.0092882	9.288	15:30	N/A	0.0979058	97.905815	10:40	48	0.0513572	51.357183	* See Field Investigation Below
15:45	56	0.000	0.000	15:45	63	0.0086892	8.689	15:45	N/A	0.0938021	93.802138	10:45	48	0.0513846	51.384643	* See Field Investigation Below
16:00	56	0.000	0.000	16:00	63	0.0080301	8.030	16:00	N/A	0.0894355	89.435476	10:50	48	0.0514437	51.44375	* See Field Investigation Below
16:15	56	0.000	0.000	16:15	63	0.0067801	6.780	16:15	N/A	0.0841179	84.11787	10:55	48	0.0520725	52.072543	* See Field Investigation Below
16:30	56	0.000	0.000	16:30	63	0.005286	5.286	16:30	N/A	0.0772257	77.225686	11:00	48	0.0515551	51.55508	* See Field Investigation Below
16:45	56	0.000	0.000	16:45	63	0.0036693	3.669	16:45	N/A	0.0696211	69.621131	11:05	48	0.05113	51.129995	* See Field Investigation Below
17:00	56	0.000	0.000	17:00	63	0.0026886	2.689	17:00	N/A	0.0638135	63.813495	11:10	48	0.0505155	50.515517	* See Field Investigation Below
17:15	56	0.000	0.000	17:15	63	0.0021134	2.113	17:15	N/A	0.0597908	59.790809	11:15	48	0.050132	50.132014	* See Field Investigation Below
17:30	56	0.000	0.000	17:30	63	0.000663	0.663	17:30	N/A	0.0541325	54.132495	11:20	48	0.0509317	50.931662	* See Field Investigation Below
17:45	56	0.000	0.000	17:45	63	0.0003439	0.344	17:45	N/A	0.0510131	51.013148	11:25	48	0.0513168	51.316822	* See Field Investigation Below
18:00	56	0.000	0.000	18:00	63	0.0004731	0.473	18:00	N/A	0.0510222	51.022157	11:30	48	0.0505436	50.543628	* See Field Investigation Below
18:15	56	0.000	0.000	18:15	63	0.0002877	0.288	18:15	N/A	0.0497514	49.751372	11:35	48	0.0510853	51.085328	* See Field Investigation Below
18:30	56	0.000	0.000	18:30	63	0	0.000	18:30	N/A	0.0483337	48.333697	11:40	48	0.050533	50.53304	* See Field Investigation Below
18:45	56	0.000	0.000	18:45	63	2.005E-05	0.020	18:45	N/A	0.046793	46.792964	11:45	48	0.051101	51.101028	* See Field Investigation Below
19:00	56	0.000	0.000	19:00	63	6.199E-05	0.062	19:00	N/A	0.0461008	46.100778	11:50	48	0.0512808	51.28078	* See Field Investigation Below
19:15	56	0.000	0.000	19:15	63	0	0.000	19:15	N/A	0.0445891	44.589089	11:55	48	0.0510435	51.043498	* See Field Investigation Below
19:30	56	0.000	0.000	19:30	63	0	0.000	19:30	N/A	0.0410923	41.092318	12:00	48	0.0505884	50.588415	* See Field Investigation Below
19:45	56	0.000	0.000	19:45	63	0	0.000	19:45	N/A	0.0377159	37.715861	12:05	48	0.0507367	50.736706	* See Field Investigation Below
20:00	56	0.000	0.000	20:00	63	0	0.000	20:00	N/A	0.0390728	39.072826	12:10	48	0.0512483	51.248269	* See Field Investigation Below
20:15	56	0.000	0.000	20:15	63	0	0.000	20:15	N/A	0.0409724	40.972395	12:15	48	0.0514835	51.483517	* See Field Investigation Below
20:30	56	0.000	0.000	20:30	63	0	0.000	20:30	N/A	0.0415041	41.504112	12:20	48	0.0516969	51.696945	* See Field Investigation Below
20:45	56	0.000	0.000	20:45	63	0	0.000	20:45	N/A	0.0424795	42.479452	12:25	48	0.051784	51.784018	* See Field Investigation Below
21:00	56	0.000	0.000	21:00	63	0	0.000	21:00	N/A	0.0443521	44.352142	12:30	48	0.0518465	51.846463	* See Field Investigation Below
21:15	56	0.000	0.000	21:15	63	0	0.000	21:15	N/A	0.0454485	45.448527	12:35	48	0.0514642	51.464176	* See Field Investigation Below
21:30	56	0.000	0.000	21:30	63	0	0.000	21:30	N/A	0.0457996	45.799552	12:40	48	0.0506923	50.692335	* See Field Investigation Below
21:45	56	0.000	0.000	21:45	63	0	0.000	21:45	N/A	0.04865	48.650028	12:45	48	0.0508774	50.877354	* See Field Investigation Below
22:00	56	0.000	0.000	22:00	63	1.046E-06	0.001	22:00	N/A	0.0527196	52.719613	12:50	48	0.0517064	51.706414	* See Field Investigation Below
22:15	56	0.000	0.000	22:15	63	7.741E-06	0.008	22:15	N/A	0.0557807	55.780739	12:55	48	0.0506912	50.691166	* See Field Investigation Below
22:30	56	0.000	0.000	22:30	63	1.417E-05	0.014	22:30	N/A	0.0579267	57.926681	13:00	48	0.04654	46.54	
22:45	56	0.000	0.000	22:45	63	0.0001804	0.180	22:45	N/A	0.0587624	58.762374	13:15	48	0.0396184	39.618399	
23:00	56	0.000	0.000	23:00	63	0.0006487	0.649	23:00	N/A	0.0568028	56.802813	13:30	48	0.0386837	38.683737	
23:15	56	0.000	0.000	23:15	63	0.0011443	1.144	23:15	N/A	0.0591681	59.168065	13:45	48	0.0376594	37.659351	
23:30	56	0.000	0.000	23:30	63	0.0018196	1.820	23:30	N/A	0.0609327	60.932735	14:00	48	0.0353078	35.307752	

23:45	56	0.000	0.000	23:45	63	0.0024556	2.456	23:45	N/A	0.0622785	62.278523	14:15	48	0.0351091	35.109125	
* Field Investigation Facility Operations identified no issues in the facility related to the elevated Photoionization Detector (PID) readings. Please refer to Summa canister laboratory analytical data for ambient air results.												14:30	48	0.039839	39.838966	
												14:45	48	0.0350717	35.071737	
													15:00	48	0.034253	34.253015
													15:15	48	0.0338002	33.800156
													15:30	48	0.0319301	31.930116
													15:45	48	0.0289051	28.90505
													16:00	48	0.0266368	26.636827
													16:15	48	0.0250681	25.068124
													16:30	48	0.0230917	23.091725
													16:45	48	0.0219238	21.923781
													17:00	48	0.0217552	21.755223
													17:15	48	0.0208926	20.892556
													17:30	48	0.0195419	19.541866
													17:45	48	0.0186036	18.603582
													18:00	48	0.0171732	17.173201
													18:15	48	0.0163638	16.363839
													18:30	48	0.015515	15.514986
													18:45	48	0.0145001	14.500079
													19:00	48	0.0141358	14.135821
													19:15	48	0.0141503	14.150281
													19:30	48	0.0134264	13.426438
													19:45	48	0.0132446	13.244627
													20:00	48	0.0129464	12.94644
													20:15	48	0.0127571	12.757085
													20:30	48	0.012286	12.285961
													20:45	48	0.011452	11.452032
													21:00	48	0.0109611	10.961118
													21:15	48	0.0111553	11.1553
												21:30	48	0.0112615	11.261485	
												21:45	48	0.0113818	11.381788	
												22:00	48	0.0115354	11.535422	
												22:15	48	0.0114521	11.452115	
												22:30	48	0.0111767	11.176655	
												22:45	48	0.0111435	11.143538	
												23:00	48	0.0113362	11.336203	
												23:15	48	0.0113405	11.340463	
												23:30	48	0.0117079	11.707873	
												23:45	48	0.0114877	11.4877	