



Shell Chemical Appalachia LLC
300 Frankfort Rd
Monaca, PA 15061

July 21, 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: July 2023 Submittal of Monthly Emissions Report from Shell Chemical Appalachia LLC

Dear Mark:

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

This submittal includes:

- Cumulative 12-month emissions data through end of June 2023 (see COA Exhibit A).
- Emission factors, assumptions, and calculation protocol.
- Malfunctions through June 2023.
- Fence Line Monitoring data for June 2023.

I certify these data are accurate based on reasonable belief and inquiry. If you have any questions or comments concerning this information, please feel free to contact me at kimberly.kaal@shell.com, or (724) 709-2467.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kimberly Kaal', is written over a horizontal line.

Kimberly Kaal
Environmental Manager, Attorney in Fact

CC: Michael J. Heilman, Litigation Coordinator

Pierre Espejo, Shell Senior Legal Counsel
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 June 19, 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: CEMS analyzer hourly-block average output/Certified CEMS data. 2. PM-filt [all operating modes except decoke]: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors to be developed after stack testing. 3. PM10, PM 2.5 [all operating modes except decoke]: Vendor Data at 0.005 lb/MMBtu [Feb. 2020 Update Plan Approval Application]. Site-specific emission factors to be developed after stack testing. 4. PM-filt, PM10, PM2.5 [de-coking]: 1.86 lbs/hr / 180 MMBtu/hr = 0.0103 lb/MMBtu (preliminary vendor data at 1.86 lbs/hr and estimated heat input during decoking). [Feb. 2020 Update Plan Approval Application]. Site-specific emission factors to be developed after stack testing. 5. PM-cond [all operating modes but decoke]: PM – PM filt. PM-cond emissions are negligible. 6. VOC: LAER emission factor at 0.0019 lb/MMBtu. [Feb. 2020 Update Plan Approval Application]. Site-specific emission factors to be developed after stack testing. 7. SO2: material balance based on mass of fuel gas combusted, taking out the H2 portion of the mass and using the sulfur content in natural gas. Equation: FUEL GAS MASS - H2 (WT%) /100] * S CONTENT (WT%) / 100 * MW SO2 / MW S. 8. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 9. Total HAPs (minus lead and E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors to be developed after stack testing. 10. Lead: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998, but only considering the natural gas portion by removing the H2 content in the HHV of the fuel gas, consistent with the Feb. 2020 Plan Approval Application. 11. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr (highest of external combustion factor). VCAPCD AB2588 combem[2].pdf 12. NH3 (ammonia slip): In-stack analyzer data. 13. CO2: Material balance based on mass of fuel gas combusted and carbon content in fuel. Equation: FUEL GAS MASS * C CONTENT (WT%) / 100 * MW CO2 / MW C. 14. CH4: 40 CFR Part 98 Subpart C Table C-2 emission factor for natural gas, but only considering the natural gas portion by removing the H2 content in the HHV of the fuel gas, consistent with the Feb. 2020 Plan Approval Application. 15. N2O: 40 CFR Part 98 Subpart C Table C-2 emission factor for natural gas. 	<p><u>PI Inputs</u></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><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> 1. Fuel Gas Molecular Weight: Fuel Gas Composition and Standard Molecular Weight of Constituents 2. HHV of Fuel Gas: Fuel Gas Composition and Standard Heat of Combustion for Constituents 3. % Carbon by weight and % H2 by weight: Fuel Gas Composition 4. Heat Rate of Fuel Gas: Fuel Gas Mass and HHV of Fuel Gas 5. H2 HHV Heat Release in Fuel Gas: H2 Composition (%mol), H2 Molecular Weight, Fuel Gas Molecular Weight, Fuel Gas HHV, H2 Heat of Combustion 6. Furnace Operating Mode <ol style="list-style-type: none"> a. Normal Mode: Feed Rate Ethane > 43 tonne/hr b. Feed IN/Out Mode: Feed Rate Ethane < 43 tonne/hr c. Hot Steam Standby Mode: Furnace feed <0.1 tonne/hr d. Decoke Mode: Open/Closed e. SU/SD Mode: Coil temperature <750
<ul style="list-style-type: none"> • 031: Ethane Cracking Furnace #1 • 032: Ethane Cracking Furnace #2 • 033: Ethane Cracking Furnace #3 • 034: Ethane Cracking Furnace #4 • 035: Ethane Cracking Furnace #5 • 036: Ethane Cracking Furnace #6 • 037: Ethane Cracking Furnace #7 <p>Pilots (Natural Gas)</p>	<ol style="list-style-type: none"> 1. NOx, CO: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998 until CEMS is online and verified. 2. PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. 3. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf 4. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: NG FUEL MASS * S CONTENT NG (WT%) / 100 * MW SO2 / MW S. 5. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 6. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: NG FUEL MASS * C CONTENT (WT%) / 100 * MW CO2 / MW C. 7. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 8. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<p><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

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
<ul style="list-style-type: none"> 101: Combustion Turbine/Duct Burner Unit #1 102: Combustion Turbine/Duct Burner Unit #2 103: Combustion Turbine/Duct Burner Unit #3 	<ol style="list-style-type: none"> NOx, CO: Certified CEMS using analyzer data and 40 CFR Part 75 Appendix D and F equations. NH3 (ammonia slip): In-stack analyzer data when feasible. PM-filt, PM-cond, PM10, PM2.5: Stack test factors (most recent). VOC: Stack test factors (most recent). HCHO (formaldehyde), benzene, toluene: Stack test factors developed from retest Nov/Dec 2022 using approved alternative test methods with lower detection limits. Total HAPs (minus formaldehyde, benzene, toluene): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $NG \text{ FUEL MASS} * S \text{ CONTENT NG (WT\%)} / 100 * MW \text{ SO}_2 / MW \text{ S}$. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $NG \text{ FUEL MASS} * C \text{ CONTENT (WT\%)} / 100 * MW \text{ CO}_2 / MW \text{ C}$. CH4, N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<p><u>PI Inputs</u></p> <ol style="list-style-type: none"> Fuel Gas Mass Combusted Combustion Turbine (kg/hr) Fuel Gas Mass Combusted Duct Burners (kg/hr) Natural Gas Gross Calorific Value (kJ/kg) Natural Gas Composition C1 – C6+ (%mol) Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> Natural Gas Gross Calorific Value (kJ/kg) Total Heat Input: Natural Gas Rate and Gross Calorific Value Fuel Gas Molecular Weight: Fuel Gas Composition and Standard Molecular Weight of Constituents Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition
<p>105: Diesel-Fired Emergency Generator Engines (2 unit)</p> <ul style="list-style-type: none"> Parking Garage Diesel Generator, 103 bhp, Cummins QSB5-G3 Communications Tower Diesel Generator, 67 bhp, Kohler KDI 3404 TM 	<ol style="list-style-type: none"> NOx, CO, HC (VOC), PM-filt: Manufacturer Data Sheet (g/bhp). PM10, PM2.5: AP-42, Appendix B.2, "Generalized Particle Size Distribution", 9/90, $PM_{10} = 0.96 * PM$ and $PM_{2.5} = 0.90 * PM$. PM-cond: AP-42, Chapter 3.4, "Large Stationary Diesel and All Stationary Dual-Fuel Engines, 10/96. SO2: Material balance based on estimated diesel mass and fuel sulfur content of diesel. Equation: $DIESEL \text{ MASS} * S \text{ CONTENT DIESEL (ppmw)} / 10000 \text{ ppmw} / 100 * MW \text{ SO}_2 / MW \text{ S}$. HAP: AP-42, Chapter 3.3, "Gasoline and Diesel Industrial Engines", 10/96. CO2: 40 CFR Part 98 Subpart C, Table C-1 emission factor for Distillate Fuel Oil No. 2. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. 	<p><u>Data Inputs</u></p> <ol style="list-style-type: none"> Operating Hours – collected internally on monthly basis Brake Specific Fuel Consumption: 7,000 Btu/hp-hr (AP-42 Chapter 3.3) Diesel HHV: 139,600 Btu/gal Diesel Density: 7.674 lb/gal Sulfur Content of Diesel: 15 ppmw <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> Heat Input (MMBtu/hr): Engine capacity and BSFC Hourly Fuel Consumption: Heat Input and Diesel 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"> NOx, CO, NMNH (VOC), PM-filt: Manufacturer Data Sheet (g/bhp). PM10, PM2.5: AP-42, Appendix B.2, "Generalized Particle Size Distribution", 9/90, $PM_{10} = 0.96 * PM$ and $PM_{2.5} = 0.90 * PM$. PM-cond: AP-42, Chapter 3.4, "Large Stationary Diesel and All Stationary Dual-Fuel Engines, 10/96. SO2: Material balance based on estimated diesel mass and fuel sulfur content of diesel. Equation: $DIESEL \text{ MASS} * S \text{ CONTENT DIESEL (ppmw)} / 10000 \text{ ppmw} / 100 * MW \text{ SO}_2 / MW \text{ S}$. HAP: AP-42, Chapter 3.3, "Gasoline and Diesel Industrial Engines", 10/96. CO2: 40 CFR Part 98 Subpart C, Table C-1 emission factor for Distillate Fuel Oil No. 2. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for Distillate Fuel Oil No. 2. 	<p><u>Data Inputs</u></p> <ol style="list-style-type: none"> Operating Hours – collected internally on monthly basis Brake Specific Fuel Consumption: 7,000 Btu/hp-hr (AP-42 Chapter 3.3) Diesel HHV: 139,600 Btu/gal Diesel Density: 7.674 lb/gal Sulfur Content of Diesel: 15 ppmw <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> Heat Input (MMBtu/hr): Engine capacity and BSFC Hourly Fuel Consumption: Heat Input and Diesel Density
<p>107: Natural Gas Fired Emergency Generator Engines (3)</p> <ul style="list-style-type: none"> Backup Generator Lift Station A, 50 bhp, GM Vortec 3.0L I-4 (4SLB) Backup Generator Intermediate Lift Station, 158 bhp, GM Vortec 5.7L V-8 (4SRB) PGT Building (Shell Visitor Center Backup Generator), 113 bhp, GM 5.7L V-8 (4SLB) 	<ol style="list-style-type: none"> NOx + THC (assumed NOx), CO, CO2: Manufacturer Data Sheet (g/bhp). VOC, SO2, PM-filt, PM-cond, PM10, PM2.5, HAP, CH4, CO2 (Intermediate Lift Station Only for CO2): AP-42, Chapter 3.2, "Natural Gas-Fired Reciprocating Engines", 7/2000. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<p><u>Data Inputs</u></p> <ol style="list-style-type: none"> Operating Hours – collected internally on monthly basis Maximum fuel consumption: provided on Manufacturer Data Sheets (scf/hr) Natural Gas HHV: 1000 Btu/scf <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> Heat Input (MMBtu/hr): Maximum fuel consumption and Natural Gas HHV

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
204: Low Pressure (LP) Header System Continuous Vent Thermal Oxidizer (CVTO) Process Vents	<ol style="list-style-type: none"> NOx: 0.068 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. PM10 and PM2.5: 0.0075 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. VOC: Material balance based on quantity of vent gas flared, VOC content of the vent gas and VOC destruction efficiency. Equation: $VENT\ GAS\ MASS\ TO\ FLARE * VOC\ CONTENT\ (WT\%) / 100 * (1-DRE)$. 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, Total HAPs (except e-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors for HAPs to be developed after stack testing. n-Hexane: 0.029 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. Thermal Oxidizer DRE: 99.9% John Zink Design Specification, 1/4/2018. 	PI Inputs <ol style="list-style-type: none"> CVTO/MPGF Header 3 Vent Gas Mass (kg/hr) MPGF Header 3 Vent Gas Mass (kg/hr) CVTO/MPGF Header 3 Vent Gas Composition (% mol) CVTO/MPGF Header 3 Vent Gas Sulfur Content (% wt) Calculated/Miscellaneous Inputs <ol style="list-style-type: none"> CVTO Vent Gas Mass: CVTO/MPGF Header 3 Vent Gas Mass – MPGF Header 3 Vent Gas Mass 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 CVTO Vent Gas: CVTO Vent Gas Mass and HHV of CVTO/MPGF Header 3
204: Low Pressure (LP) Header System Continuous Vent Thermal Oxidizer (CVTO) Primary Firing Fuel (Natural Gas)	<ol style="list-style-type: none"> NOx, 0.068 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. PM10 and PM2.5: 0.0075 lb/MMBtu, John Zink Design Specification, 1/4/2018. Site-specific emission factors to be developed after stack testing. PM-filt, PM-cond, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors for HAPs to be developed after stack testing. n-Hexane: 0.0046 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, 10-100 MMBtu/hr). VCAPCD AB2588 combem[2].pdf SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $NG\ FUEL\ MASS * S\ CONTENT\ NG\ (WT\%) / 100 * MW\ SO2 / MW\ S$. 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. 	PI Inputs <ol style="list-style-type: none"> Natural Gas Flow Rate (Nm3/hr) Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) Natural Gas Composition C1 – C6+ (%mol) Natural Gas Sulfur (S) Content (ppmv), converted to wt %by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf Calculated/Miscellaneous Inputs <ol style="list-style-type: none"> Natural Gas Mass: Calculated using Natural Gas Flow Rate and Density of Natural Gas Heat Rate (MMBtu/hr): Natural Gas Mass and Natural Gas HHV Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
<p>204: Low Pressure (LP) Header System Continuous Vent Thermal Oxidizer (CVTO)</p> <p>Pilot (Natural Gas)</p>	<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. 	<p><u>PI Inputs</u></p> <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 <p><u>Calculated/Miscellaneous Inputs</u></p> <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
<p>204: Low Pressure (LP) Header System Multipoint Ground Flare (MPGF)</p> <p>PE 1/PE 2 Episodic Vent Flaring (Supplemental gas added with vent gas if needed)</p>	<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). 	<p><u>PI Inputs</u></p> <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 <p><u>Calculated/Miscellaneous Inputs</u></p> <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
<p>204: Low Pressure (LP) Header System Multipoint Ground Flare (MPGF)</p> <p>Ethylene Storage Tank Vent Flaring</p>	<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). 	<p><u>PI Inputs</u></p> <ol style="list-style-type: none"> Vent Gas Mass to Flare – MPGF Header 2 (kg/hr) <p><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> Composition is 100% ethylene if flow is > 200 kg/hr, at 90% nitrogen and 10% ethylene when flow is <= 200 kg

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). 	<p><u>PI Inputs</u></p> <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) <p><u>Calculated/Miscellaneous Inputs</u></p> <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. 	<p><u>PI Inputs</u></p> <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 <p><u>Calculated/Miscellaneous Inputs</u></p> <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><u>PI Inputs</u></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><u>Calculated/Miscellaneous Inputs</u></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"> • TEGF #1 Pilot • TEGF #2 Pilot • Elevated Flare Pilot 	<ol style="list-style-type: none"> 1. NOx, CO, PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. 2. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, $<$10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf 3. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $\text{NG FUEL MASS} * \text{S CONTENT NG (WT\%)} / 100 * \text{MW SO}_2 / \text{MW S}$. 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><u>PI Inputs</u></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><u>Calculated/Miscellaneous Inputs</u></p> <ol style="list-style-type: none"> 1. Pilot Natural Gas Mass Combusted <ul style="list-style-type: none"> • TEGF #1 and #2: Constant at 1.105 MMBtu/hr per TEGF per design specifications. • Elevated Flare Pilot: Constant at 0.26 MMBtu/hr per design specifications] 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. PM-filt, PM-cond: AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors for HAP to be developed after stack testing. 4. PM10 and PM2.5: 0.0075 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 5. VOC: 0.04043 lb/MMBtu based on 3.2 g/Nm3 VOC and 99.9% DRE, design basis. [Feb. 2020 Update Plan Approval Application] 6. HAPS: Assumed to be equal to VOC [Feb. 2020 Update Plan Approval Application] 1. VOC/HAPS from WEMCO 84 Unit at WWTP: Pro/II Version 10.2.1. 7. SO2: 0.0879 lb/MMBtu based on 0.05 g/Nm3 H2S, design basis. [Feb. 2020 Update Plan Approval Application] 8. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 9. CO2: 7.8 lb/MMBtu based on 8.4 g/Nm3 CO2, design basis plus 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. [Feb. 2020 Update Plan Approval Application] 10. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 11. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 12. Thermal Oxidizer DRE: 99.9% John Zink Design Specification, 7/12/2017. 	<u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> 1. Heat Rate: 0.7 MMBtu/hr [Design Basis Heat Input from VOC for Process Vents excluding WEMCO 84 Unit] 2. Heat Rate: 0.359 MMBtu/hr [Additional Heat Rate from WEMCO 84 Unit calculated using VOC emissions from Pro/II Version 10.2.1 and the HHV of ethane]
206: Spent Caustic Vent Header System Primary Firing Fuel (Natural Gas)	<ol style="list-style-type: none"> 1. NOx: 0.068 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 2. CO: 0.0824 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 3. PM10 and PM2.5: 0.0075 lb/MMBtu, John Zink Design Specification, 7/12/2017. Site-specific emission factors to be developed after stack testing. 4. PM-filt, PM-cond, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. Site-specific emission factors for HAP to be developed after stack testing, 5. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf 6. SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: $NG\ FUEL\ MASS * S\ CONTENT\ NG\ (WT\%) / 100 * MW\ SO2 / MW\ S$. 7. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. 8. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: $NG\ FUEL\ MASS * C\ CONTENT\ (WT\%) / 100 * MW\ CO2 / MW\ C$. 9. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 10. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<u>PI Inputs</u> <ol style="list-style-type: none"> 1. Natural Gas Flow Rate (Nm3/hr) 2. Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density 3. Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) 4. Natural Gas Composition C1 – C6+ (%mol) 5. Natural Gas Sulfur (S) Content (ppmv), converted to wt %by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/handbooksulfurmeasurements_002.pdf <u>Calculated/Miscellaneous Inputs</u> <ol style="list-style-type: none"> 1. Natural Gas Mass: Calculated using Natural Gas Flow Rate and Density of Natural Gas 2. Heat Rate (MMBtu/hr): Natural Gas Mass and Natural Gas HHV 3. Natural Gas Carbon (C) Content (wt%): Calculated based on Natural Gas Composition

Emission Source or Activity	Emissions Approach/Methodology	Data Inputs
206: Spent Caustic Vent Header System Pilot (Natural Gas)	<ol style="list-style-type: none"> NOx, CO, PM-filt, PM-cond, PM10, PM2.5, VOC, Total HAPs (except E-rated n-hexane): AP-42, Chapter 1.4, "Natural Gas Combustion", 7/1998. n-Hexane: 0.0063 lb/MMBtu, Ventura County Air Pollution Control District, AB 2588 Combustion Emission Factors, May 17, 2001, <10 MMBtu/hr. VCAPCD AB2588 combem[2].pdf SO2: Material balance based on mass of natural gas combusted and sulfur content in natural gas. Equation: NG FUEL MASS * S CONTENT NG (WT%) / 100 * MW SO2 / MW S. H2SO4: Multiplication of SO2 emissions and the SO3/SO2 Ratio of 5.7/142 based on the SO3 and SO2 emission factor for distillate oil in Table 1.3-1 of AP-42, Chapter 1.3, "Fuel Oil Combustion", 5/2010. CO2: Material balance based on mass of natural gas combusted and carbon content in fuel. Equation: NG FUEL MASS * C CONTENT (WT%) / 100 * MW CO2 / MW C. CH4: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. N2O: 40 CFR Part 98 Subpart C, Table C-2 emission factor for natural gas. 	<u>PI Inputs</u> <ol style="list-style-type: none"> Natural Gas HHV (Btu/scf), converted to Btu/lb using Natural Gas Density Natural Gas Specific Gravity, density calculated assuming density of air at 1.2041 kg/Nm3 at 20 C and 1 atm (Normal) Natural Gas Composition C1 – C6+ (%mol) Natural Gas Sulfur (S) Content (ppmv) converted to wt % by assuming 16.92 ppmv per 1 grain/100 scf gas at 60F and 14.73 psia https://www.interline.nl/media/1000030/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. SOCOMI 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. SOCOMI 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: July 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

List of Malfunction Reports
Shell Polymers Monaca
Date: July 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
MAL35	ECU	Furnace Nox Ammonia System Failure	2/1/2023	9:35	2/1/2023	10:35	2/3/2023	3/2/2023
MAL36	ECU	ECU AC Reactor Malfunction following Steam Generator SU	2/3/2023	2:17	2/3/2023	6:55	2/3/2023	3/6/2023
MAL37	PE	PE3 LPSR Blower Start CVTO Trip Shear Pin Passthrough NHV < 500 Btu/scf	2/11/2023	23:59	2/12/2023	9:21	2/13/2023	3/7/2023
MAL38-a-d and MAL39	ECU	ECU DCS Logic Issue CGC and AC Reactor Trip (Elevated Flare and TEGF B VE > 5 mins); UGF Cogen Unit 2 Nox (Site Steam System Upset)	2/13/2023	15:25	2/18/2023	3:33	2/13/2023	3/13/2023 and 3/15/2023
MAL42-a/b	ECU	ECU CGC High Level Trip Flaring (TEGF) (Shutdown/Restart Flaring)	3/14/2023	21:50	3/17/2023	15:30	3/15/2023	4/11/2023
MAL44	ECU	ECU Caustic Leak SD Flaring (TEGF) (VE > 5 Mins)	3/25/2023	14:00	3/26/2023	2:00	3/25/2023	4/25/2023
MAL45	ECU/UGF	Malodor from WWTP (FEOR A Low Level Hydrocarbons in Biotreater)	4/11/2023	15:30	4/20/2023	15:00	4/12/2023	5/18/2023
MAL46	ECU/UGF	UGF HPEF Liquid Seal Drum Damaged Downcomer Pipe (Blue Flame at HPEF/De-Inventory Plant)	3/17/2023	11:00	4/18/2023	9:00	4/22/2023	5/19/2023
MAL47	ECU/UGF	UGF TEGF A Visible Emissions During Pre-Startup Activities	5/24/2023	13:00	5/24/2023	20:36	5/24/2023	6/23/2023
MAL48	ECU/UGF	Brush Fire Near HP Flare Area	6/1/2023	13:28	6/1/2023	14:11	6/1/2023	6/29/2023
MAL49	ECU/UGF	UGF TEGF A Visible Emissions During Low Flow and High Ethylene %	6/19/2023	20:36	6/19/2023	21:00	6/20/2023	Forthcoming
MAL50	UGF	Cogen Unit 1 and 3 CO During Normal Operation	6/24/2023	06:00	6/26/2023	04:00	6/26/2023	Forthcoming
MAL51	UGF	SCTO Trip on Low Fuel Pressure (Electrical Charms Communication)	6/24/2023	17:35	6/28/2023	01:45	6/26/2023	Forthcoming



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.36	0	0	0.24	1.4
04	0.14	0	0	0	0.18

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)																
6/1/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/1/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/1/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/1/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.00000	0.000	0:00	63	0.014	13.679	0:00	N/A	0.1385079	138.50787	0:00	48	0	0	
0:15	56	0.00000	0.000	0:15	63	0.013	12.916	0:15	N/A	0.1393607	139.36066	0:15	48	0	0	
0:30	56	0.00000	0.000	0:30	63	0.013	13.392	0:30	N/A	0.1382286	138.22863	0:30	48	0	0	
0:45	56	0.00000	0.000	0:45	63	0.015	14.929	0:45	N/A	0.1366641	136.64102	0:45	48	0	0	
1:00	56	0.02143	21.430	1:00	63	0.015	14.769	1:00	N/A	0.1363449	136.34488	1:00	48	1.983E-05	0.0198321	
1:15	56	0.00418	4.185	1:15	63	0.014	14.150	1:15	N/A	0.1348582	134.85815	1:15	48	0.0004464	0.446445	
1:30	56	0.00051	0.511	1:30	63	0.013	13.149	1:30	N/A	0.1338129	133.81292	1:30	48	3.969E-05	0.0396875	
1:45	56	0.00000	0.000	1:45	63	0.012	12.330	1:45	N/A	0.1337967	133.79667	1:45	48	1.357E-07	0.0001357	
2:00	56	0.00000	0.000	2:00	63	0.012	11.667	2:00	N/A	0.1338858	133.88578	2:00	48	0.0001435	0.1434922	
2:15	56	0.00000	0.000	2:15	63	0.012	11.737	2:15	N/A	0.1340756	134.07556	2:15	48	0.0002288	0.228764	
2:30	56	0.00000	0.000	2:30	63	0.012	11.736	2:30	N/A	0.1352437	135.24373	2:30	48	2.051E-05	0.0205097	
2:45	56	0.00000	0.000	2:45	63	0.013	12.819	2:45	N/A	0.1348217	134.82169	2:45	48	1.298E-05	0.0129751	
3:00	56	0.00000	0.000	3:00	63	0.013	13.500	3:00	N/A	0.1340406	134.04056	3:00	48	0.0136983	13.698267	
3:15	56	0.00000	0.000	3:15	63	0.015	15.299	3:15	N/A	0.1336662	133.66622	3:15	48	0.0003249	0.3249403	
3:30	56	0.00000	0.000	3:30	63	0.016	16.473	3:30	N/A	0.1329433	132.94334	3:30	48	1.554E-05	0.0155386	
3:45	56	0.00015	0.145	3:45	63	0.017	17.162	3:45	N/A	0.1326918	132.6918	3:45	48	0.1544352	154.43521	* See Field Investigation Below
4:00	56	0.00004	0.042	4:00	63	0.018	17.620	4:00	N/A	0.1323859	132.3859	3:50	48	0.056173	56.173006	* See Field Investigation Below
4:15	56	0.00000	0.000	4:15	63	0.018	17.963	4:15	N/A	0.1321953	132.19532	3:55	48	0	0	
4:30	56	0.00000	0.000	4:30	63	0.021	21.281	4:30	N/A	0.132317	132.31704	4:00	48	0.0062416	6.2415682	
4:45	56	0.00015	0.154	4:45	63	0.023	23.093	4:45	N/A	0.1328536	132.85359	4:15	48	0	0	
5:00	56	0.00005	0.048	5:00	63	0.021	20.776	5:00	N/A	0.1334776	133.47759	4:30	48	0	0	
5:15	56	0.00000	0.000	5:15	63	0.020	20.335	5:15	N/A	0.1333053	133.30532	4:45	48	0	0	
5:30	56	0.00000	0.000	5:30	63	0.022	21.624	5:30	N/A	0.1332832	133.2832	5:00	48	0	0	
5:45	56	0.00000	0.000	5:45	63	0.021	21.294	5:45	N/A	0.1331816	133.1816	5:15	48	0	0	
6:00	56	0.00000	0.000	6:00	63	0.020	19.764	6:00	N/A	0.1325039	132.50391	5:30	48	0	0	
6:15	56	0.03313	33.126	6:15	63	0.020	19.516	6:15	N/A	0.1325452	132.54517	5:45	48	0	0	
6:30	56	0.01514	15.144	6:30	63	0.018	18.213	6:30	N/A	0.1328291	132.82913	6:00	48	0	0	
6:45	56	0.00000	0.000	6:45	63	0.018	17.970	6:45	N/A	0.1328115	132.81151	6:15	48	0	0	
7:00	56	0.00000	0.000	7:00	63	0.017	17.432	7:00	N/A	0.1329413	132.94128	6:30	48	0	0	
7:15	56	0.00000	0.000	7:15	63	0.017	16.941	7:15	N/A	0.133317	133.31695	6:45	48	0	0	
7:30	56	0.00000	0.000	7:30	63	0.018	17.963	7:30	N/A	0.1336526	133.6526	7:00	48	0	0	
7:45	56	0.00000	0.000	7:45	63	0.018	17.982	7:45	N/A	0.1345514	134.5514	7:15	48	0	0	

21:15	56	0.01760	17.603	21:15	63	0.021	20.829	21:15	N/A	0.1620604	162.06042	17:15	48	0.0404247	40.424679	* See Field Investigation Below
21:30	56	0.01877	18.770	21:30	63	0.015	14.648	21:30	N/A	0.1563587	156.35872	17:30	48	0.0430523	43.052342	* See Field Investigation Below
21:45	56	0.02749	27.491	21:45	63	0.009	9.453	21:45	N/A	0.1527323	152.73231	17:45	48	0.0929559	92.955919	* See Field Investigation Below
22:00	56	0.03810	38.105	22:00	63	0.006	5.520	22:00	N/A	0.1511116	151.11156	17:50	48	0.0943874	94.387362	* See Field Investigation Below
22:15	56	0.04369	43.692	22:15	63	0.003	2.927	22:15	N/A	0.1497969	149.79689	17:55	48	0.0957249	95.724898	* See Field Investigation Below
22:30	56	0.04365	43.650	22:30	63	0.001	1.065	22:30	N/A	0.1489643	148.96434	18:00	48	0.097448	97.447958	* See Field Investigation Below
22:45	56	0.04896	48.958	22:45	63	0.001	0.536	22:45	N/A	0.1487447	148.74473	18:05	48	0.0989331	98.93313	* See Field Investigation Below
23:00	56	0.05210	52.105	23:00	63	0.001	0.970	23:00	N/A	0.1479415	147.94152	18:10	48	0.100374	100.37401	* See Field Investigation Below
23:15	56	0.04977	49.774	23:15	63	0.001	1.005	23:15	N/A	0.146807	146.80702	18:15	48	0.100371	100.37099	* See Field Investigation Below
23:30	56	0.06413	64.126	23:30	63	0.001	0.974	23:30	N/A	0.1455658	145.56581	18:20	48	0.100699	100.69901	* See Field Investigation Below
23:35	56	0.05398	53.985	23:45	63	0.001	0.616	23:45	N/A	0.1449627	144.96266	18:25	48	0.1009829	100.98292	* See Field Investigation Below
23:40	56	0.05033	50.331242									18:30	48	0.1021439	102.14388	* See Field Investigation Below
23:45	56	0.04806	48.063985									18:35	48	0.1040676	104.06762	* 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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18:35	48	0.1040676	104.06762	* See Field Investigation Below
18:40	48	0.1052465	105.24649	* See Field Investigation Below
18:45	48	0.1049822	104.98216	* See Field Investigation Below
18:50	48	0.1057483	105.74829	* See Field Investigation Below
18:55	48	0.1064218	106.42185	* See Field Investigation Below
19:00	48	0.0711867	71.186674	* See Field Investigation Below
19:05	48	0	0	
19:10	48	0	0	
19:15	48	0.0358628	35.862775	
19:30	48	0.0366945	36.69453	
19:45	48	0.037339	37.339018	
20:00	48	0.1130823	113.08228	* See Field Investigation Below
20:05	48	0.1141338	114.13384	* See Field Investigation Below
20:10	48	0.1129665	112.96645	* See Field Investigation Below
20:15	48	0.1121087	112.10867	* See Field Investigation Below
20:20	48	0.1098711	109.87113	* See Field Investigation Below
20:25	48	0.1063171	106.31713	* See Field Investigation Below
20:30	48	0.1021788	102.17878	* See Field Investigation Below
20:35	48	0.0969224	96.922444	* See Field Investigation Below
20:40	48	0.0922894	92.289439	* See Field Investigation Below
20:45	48	0.087772	87.772039	* See Field Investigation Below
20:50	48	0.0831781	83.178075	* See Field Investigation Below
20:55	48	0.0797255	79.725538	* See Field Investigation Below
21:00	48	0.0771999	77.199922	* See Field Investigation Below
21:05	48	0.0743486	74.34863	* See Field Investigation Below
21:10	48	0.0713727	71.372651	* See Field Investigation Below
21:15	48	0.0699262	69.926243	* See Field Investigation Below
21:20	48	0.0683033	68.303341	* See Field Investigation Below
21:25	48	0.0673606	67.360646	* See Field Investigation Below
21:30	48	0.0661194	66.119383	* See Field Investigation Below
21:35	48	0.0652826	65.282587	* See Field Investigation Below
21:40	48	0.0648935	64.893533	* See Field Investigation Below
21:45	48	0.0640284	64.028369	* See Field Investigation Below
21:50	48	0.066467	66.466988	* See Field Investigation Below
21:55	48	0.0676776	67.677647	* See Field Investigation Below
22:00	48	0.0691353	69.135314	* See Field Investigation Below
22:05	48	0.0712381	71.238087	* See Field Investigation Below
22:10	48	0.0737567	73.756696	* See Field Investigation Below
22:15	48	0.0767792	76.779185	* See Field Investigation Below
22:20	48	0.0791563	79.156332	* See Field Investigation Below
22:25	48	0.0837966	83.796571	* See Field Investigation Below

22:30	48	0.0899417	89.941744	* See Field Investigation Below
22:35	48	0.0961368	96.136786	* See Field Investigation Below
22:40	48	0.1029333	102.93326	* See Field Investigation Below
22:45	48	0.1095933	109.59334	* See Field Investigation Below
22:50	48	0.1159442	115.94416	* See Field Investigation Below
22:55	48	0.1210027	121.00273	* See Field Investigation Below
23:00	48	0.1270212	127.02117	* See Field Investigation Below
23:05	48	0.1342317	134.23167	* See Field Investigation Below
23:10	48	0.1416643	141.66427	* See Field Investigation Below
23:15	48	0.1564629	156.4629	* See Field Investigation Below
23:20	48	0.1610378	161.03775	* See Field Investigation Below
23:25	48	0.1640267	164.02667	* See Field Investigation Below
23:30	48	0.1754312	175.43122	* See Field Investigation Below
23:35	48	0.1827663	182.76629	* See Field Investigation Below
23:40	48	0.1867745	186.77453	* See Field Investigation Below
23:45	48	0.1936287	193.6287	* See Field Investigation Below
23:50	48	0.2015147	201.51466	* See Field Investigation Below
23:55	48	0.2037777	203.77771	* See Field Investigation Below



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.15	0	0	0	0.19
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)																
6/2/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/2/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/2/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/2/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.05269	52.690	0:00	63	0.000	0.172	0:00	N/A	0.1448626	144.86261	0:00	48	0.2051226	205.12257	* See Field Investigation Below
0:15	56	0.05697	56.969	0:15	63	0.001	0.506	0:15	N/A	0.1442209	144.22089	0:05	48	0.2162168	216.21677	* See Field Investigation Below
0:20	56	0.05356	53.555	0:30	63	0.001	0.900	0:30	N/A	0.1437743	143.77429	0:10	48	0.2201397	220.13965	* See Field Investigation Below
0:25	56	0.05094	50.942	0:45	63	0.000	0.452	0:45	N/A	0.1433843	143.38432	0:15	48	0.2200625	220.06247	* See Field Investigation Below
0:30	56	0.05344	53.439	1:00	63	0.000	0.000	1:00	N/A	0.1428016	142.80158	0:20	48	0.2275292	227.52916	* See Field Investigation Below
0:45	56	0.05303	53.026	1:15	63	0.000	0.000	1:15	N/A	0.1418459	141.84585	0:25	48	0.2346031	234.60313	* See Field Investigation Below
1:00	56	0.05432	54.320	1:30	63	0.002	2.324	1:30	N/A	0.1407899	140.78992	0:30	48	0.2342009	234.20087	* See Field Investigation Below
1:15	56	0.04545	45.447	1:45	63	0.005	4.931	1:45	N/A	0.1402776	140.2776	0:35	48	0.2392512	239.25122	* See Field Investigation Below
1:30	56	0.03453	34.526	2:00	63	0.004	3.555	2:00	N/A	0.1403873	140.38728	0:40	48	0.2428379	242.83791	* See Field Investigation Below
1:45	56	0.06422	64.223	2:15	63	0.002	2.071	2:15	N/A	0.1407181	140.71809	0:45	48	0.2426531	242.65314	* See Field Investigation Below
1:50	56	0.06859	68.593	2:30	63	0.002	1.898	2:30	N/A	0.1415481	141.54808	0:50	48	0.242457	242.45696	* See Field Investigation Below
1:55	56	0.06583	65.833	2:45	63	0.002	1.649	2:45	N/A	0.1419561	141.9561	0:55	48	0.2476197	247.61974	* See Field Investigation Below
2:00	56	0.06401	64.015	3:00	63	0.002	2.068	3:00	N/A	0.1412416	141.24158	1:00	48	0.2530509	253.0509	* See Field Investigation Below
2:05	56	0.06834	68.341	3:15	63	0.003	2.823	3:15	N/A	0.1404076	140.40756	1:05	48	0.2456963	245.69632	* See Field Investigation Below
2:10	56	0.06624	66.237	3:30	63	0.003	2.884	3:30	N/A	0.14026	140.26002	1:10	48	0.2516578	251.65779	* See Field Investigation Below
2:15	56	0.06416	64.162	3:45	63	0.003	3.027	3:45	N/A	0.1403003	140.30033	1:15	48	0.1475967	147.59673	* See Field Investigation Below
2:20	56	0.06163	61.631	4:00	63	0.003	2.748	4:00	N/A	0.1406308	140.63077	1:20	48	0.1069395	106.93951	* See Field Investigation Below
2:25	56	0.06331	63.311	4:15	63	0.003	2.643	4:15	N/A	0.1403188	140.31883	1:25	48	0.2388373	238.83729	* See Field Investigation Below
2:30	56	0.06115	61.148	4:30	63	0.003	3.178	4:30	N/A	0.1395698	139.5698	1:30	48	0.2460915	246.09146	* See Field Investigation Below
2:35	56	0.05949	59.489	4:45	63	0.003	3.304	4:45	N/A	0.1392841	139.28411	1:35	48	0.3108763	310.87634	* See Field Investigation Below
2:40	56	0.06167	61.675	5:00	63	0.003	3.328	5:00	N/A	0.1390177	139.01767	1:40	48	0.1720378	172.03776	* See Field Investigation Below
2:45	56	0.06238	62.380	5:15	63	0.003	2.535	5:15	N/A	0.1388083	138.80827	1:45	48	0.1765425	176.54247	* See Field Investigation Below
2:50	56	0.05902	59.021	5:30	63	0.002	2.412	5:30	N/A	0.138248	138.24797	1:50	48	0.2928418	292.84184	* See Field Investigation Below
2:55	56	0.05640	56.401	5:45	63	0.002	2.184	5:45	N/A	0.1381682	138.16821	1:55	48	0.2567862	256.78624	* See Field Investigation Below
3:00	56	0.05652	56.521	6:00	63	0.003	3.395	6:00	N/A	0.1384823	138.48234	2:00	48	0.2573667	257.36666	* See Field Investigation Below
3:05	56	0.05705	57.052	6:15	63	0.003	2.592	6:15	N/A	0.1381562	138.15619	2:05	48	0.2614382	261.43816	* See Field Investigation Below
3:10	56	0.05857	58.573	6:30	63	0.003	3.224	6:30	N/A	0.137871	137.87098	2:10	48	0.2568076	256.80757	* See Field Investigation Below
3:15	56	0.06250	62.501	6:45	63	0.005	4.534	6:45	N/A	0.137842	137.842	2:15	48	0.2597436	259.7436	* See Field Investigation Below
3:20	56	0.05677	56.771	7:00	63	0.006	5.839	7:00	N/A	0.1380538	138.05378	2:20	48	0.2600948	260.09476	* See Field Investigation Below
3:25	56	0.05945	59.451	7:15	63	0.005	5.226	7:15	N/A	0.1384514	138.45141	2:25	48	0.2593759	259.37591	* See Field Investigation Below
3:30	56	0.05971	59.707	7:30	63	0.006	5.759	7:30	N/A	0.1391327	139.13266	2:30	48	0.2601516	260.15156	* See Field Investigation Below
3:35	56	0.05879	58.794	7:45	63	0.007	7.142	7:45	N/A	0.1404846	140.48465	2:35	48	0.2575657	257.56574	* See Field Investigation Below
3:40	56	0.05721	57.215	8:00	63	0.008	7.515	8:00	N/A	0.1414047	141.40467	2:40	48	0.2595736	259.57361	* See Field Investigation Below
3:45	56	0.05481	54.814	8:15	63	0.008	7.963	8:15	N/A	0.1415481	141.54808	2:45	48	0.2567397	256.73966	* See Field Investigation Below

15:30	56	0.00000	0.000	21:45	63	0.007	6.894	21:45	N/A	0.1592949	159.29488	7:15	48	0.2758925	275.89249	* See Field Investigation Below
15:45	56	0.00000	0.000	22:00	63	0.003	3.098	22:00	N/A	0.1587183	158.71829	7:20	48	0.2781241	278.1241	* See Field Investigation Below
16:00	56	0.00000	0.000	22:15	63	0.001	0.822	22:15	N/A	0.1580821	158.08208	7:25	48	0.2695784	269.57844	* See Field Investigation Below
16:15	56	0.00000	0.000	22:30	63	0.000	0.088	22:30	N/A	0.1568964	156.89638	7:30	48	0.2592661	259.26607	* See Field Investigation Below
16:30	56	0.00000	0.000	22:45	63	0.000	0.010	22:45	N/A	0.1562969	156.29687	7:35	48	0.2612004	261.20038	* See Field Investigation Below
16:45	56	0.00000	0.000	23:00	63	0.000	0.004	23:00	N/A	0.1551845	155.18445	7:40	48	0.268678	268.67802	* See Field Investigation Below
17:00	56	0.00000	0.000	23:15	63	0.000	0.000	23:15	N/A	0.1538208	153.82082	7:45	48	0.2782555	278.25549	* See Field Investigation Below
17:15	56	0.00000	0.000	23:30	63	0.000	0.000	23:30	N/A	0.1538973	153.89727	7:50	48	0.2833398	283.33984	* See Field Investigation Below
17:30	56	0.00000	0.000	23:45	63	0.000	0.000	23:45	N/A	0.1540584	154.05843	7:55	48	0.2894302	289.43016	* See Field Investigation Below
17:45	56	0.00000	0									8:00	48	0.2935503	293.55035	* See Field Investigation Below
18:00	56	0.00000	0									8:05	48	0.2980847	298.08469	* See Field Investigation Below
18:15	56	0.00000	0									8:10	48	0.2279891	227.9891	* See Field Investigation Below
18:30	56	0.00000	0									8:15	48	0.2422137	242.21368	* See Field Investigation Below
18:45	56	0.00000	0									8:20	48	0.3146076	314.60761	* See Field Investigation Below
19:00	56	0.00000	0									8:25	48	0.3181415	318.14146	* See Field Investigation Below
19:15	56	0.00000	0									8:30	48	0.3244312	324.43117	* See Field Investigation Below
19:30	56	0.00000	0									8:35	48	0.3303052	330.30519	* See Field Investigation Below
19:45	56	0.00000	0									8:40	48	0.3138401	313.84013	* See Field Investigation Below
20:00	56	0.00000	0									8:45	48	0.1905861	190.58612	* See Field Investigation Below
20:15	56	0.00000	0									8:50	48	0.1913304	191.33045	* See Field Investigation Below
20:30	56	0.00216	2.1591698									8:55	48	0.1914804	191.48037	* See Field Investigation Below
20:45	56	0.00241	2.4145136									9:00	48	0.1902788	190.27881	* See Field Investigation Below
21:00	56	0.00262	2.619939									9:05	48	0.1923419	192.34192	* See Field Investigation Below
21:15	56	0.00345	3.4484287									9:10	48	0.1930421	193.04214	* See Field Investigation Below
21:30	56	0.00460	4.5985217									9:15	48	0.1909858	190.98579	* See Field Investigation Below
21:45	56	0.00652	6.5231278									9:20	48	0.1891036	189.10356	* See Field Investigation Below
22:00	56	0.00855	8.5509699									9:25	48	0.1871711	187.17114	* See Field Investigation Below
22:15	56	0.01055	10.547427									9:30	48	0.1836623	183.66231	* See Field Investigation Below
22:30	56	0.01225	12.252491									9:35	48	0.1792084	179.20842	* See Field Investigation Below
22:45	56	0.01461	14.606487									9:40	48	0.1722768	172.2768	* See Field Investigation Below
23:00	56	0.01790	17.898524									9:45	48	0.1651935	165.19348	* See Field Investigation Below
23:15	56	0.02389	23.891776									9:50	48	0.1586573	158.65734	* See Field Investigation Below
23:30	56	0.03094	30.939922									9:55	48	0.1536417	153.64174	* See Field Investigation Below
23:45	56	0.03901	39.009053									10:00	48	0.1464689	146.46894	* See Field Investigation Below
												10:05	48	0.186823	186.82296	* See Field Investigation Below
												10:10	48	0.2533784	253.37839	* See Field Investigation Below
												10:15	48	0.1186973	118.69735	* See Field Investigation Below
												10:20	48	0.1069814	106.98139	* See Field Investigation Below
												10:25	48	0.0993083	99.308342	* See Field Investigation Below
												10:30	48	0.0934017	93.401689	* See Field Investigation Below
												10:35	48	0.0891814	89.181415	* See Field Investigation Below
												10:40	48	0.085653	85.65302	* See Field Investigation Below
												10:45	48	0.0826857	82.685724	* See Field Investigation Below
												10:50	48	0.0808785	80.878503	* See Field Investigation Below
												10:55	48	0.0794137	79.413737	* See Field Investigation Below
												11:00	48	0.081553	81.552964	* See Field Investigation Below
												11:05	48	0.0805079	80.507867	* See Field Investigation Below
												11:10	48	0.0754634	75.463385	* See Field Investigation Below
												11:15	48	0.0713975	71.397509	* See Field Investigation Below
												11:20	48	0.0601558	60.155764	* See Field Investigation Below
												11:25	48	0.024643	24.643044	
												11:30	48	0.026269	26.269022	
												11:45	48	0.0027116	2.7116437	

* 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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12:00	48	0	0	
12:15	48	0	0	
12:30	48	0	0	
12:45	48	0.0129007	12.900748	
13:00	48	0.0458699	45.869935	
13:15	48	0.0616037	61.603739	* See Field Investigation Below
13:20	48	0.0043718	4.3717589	
13:25	48	0	0	
13:30	48	0.0135874	13.587417	
13:45	48	0	0	
14:00	48	0.0316836	31.683611	
14:15	48	0.0765108	76.510782	* See Field Investigation Below
14:20	48	0.0769644	76.964428	* See Field Investigation Below
14:25	48	0.0771888	77.188821	* See Field Investigation Below
14:30	48	0.0773522	77.352206	* See Field Investigation Below
14:35	48	0.020721	20.721023	
14:40	48	0.0414299	41.429875	
14:45	48	0.0780446	78.044566	* See Field Investigation Below
14:50	48	0.0210144	21.014396	
14:55	48	0	0	
15:00	48	0.0150935	15.093522	
15:15	48	0	0	
15:30	48	0.0839104	83.910419	* See Field Investigation Below
15:35	48	0.0849612	84.961171	* See Field Investigation Below
15:40	48	0.0857434	85.743445	* See Field Investigation Below
15:45	48	0.0861972	86.197164	* See Field Investigation Below
15:50	48	0.0878657	87.865747	* See Field Investigation Below
15:55	48	0.0899432	89.943172	* See Field Investigation Below
16:00	48	0.0920199	92.019868	* See Field Investigation Below
16:05	48	0.0439269	43.926928	
16:10	48	0	0	
16:15	48	0.0520699	52.069913	* See Field Investigation Below
16:20	48	0.0990734	99.073367	* See Field Investigation Below
16:25	48	0.0457791	45.779133	
16:30	48	0.0327851	32.785144	
16:45	48	0.068475	68.474979	* See Field Investigation Below
16:50	48	0	0	* See Field Investigation Below
16:55	48	0.0556883	55.688287	* See Field Investigation Below
17:00	48	0.1050869	105.08693	* See Field Investigation Below
17:05	48	0.1062947	106.29465	* See Field Investigation Below
17:10	48	0.1064915	106.49148	* See Field Investigation Below
17:15	48	0.1064184	106.41836	* See Field Investigation Below
17:20	48	0.0499623	49.962253	* See Field Investigation Below
17:25	48	0.0576803	57.680307	* See Field Investigation Below
17:30	48	0.050658	50.657981	* See Field Investigation Below
17:35	48	0.0582704	58.270415	* See Field Investigation Below
17:40	48	0.1091888	109.18877	* See Field Investigation Below
17:45	48	0.0728016	72.801582	* See Field Investigation Below
17:50	48	0	0	
17:55	48	0	0	
18:00	48	0.0307369	30.736929	
18:15	48	0	0	
18:30	48	0	0	

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	0.0962047	96.204746	* See Field Investigation Below
20:35	48	0.0926458	92.645827	* See Field Investigation Below
20:40	48	0.0885607	88.560685	* See Field Investigation Below
20:45	48	0.0839825	83.982537	* See Field Investigation Below
20:50	48	0.0808831	80.883104	* See Field Investigation Below
20:55	48	0.0768521	76.852139	* See Field Investigation Below
21:00	48	0.0729833	72.983284	* See Field Investigation Below
21:05	48	0.0699657	69.965675	* See Field Investigation Below
21:10	48	0.0670881	67.088096	* See Field Investigation Below
21:15	48	0.0629795	62.979522	* See Field Investigation Below
21:20	48	0.0582109	58.21094	* See Field Investigation Below
21:25	48	0.0535993	53.599302	* See Field Investigation Below
21:30	48	0.0490728	49.072826	* See Field Investigation Below
21:35	48	0.0451283	45.128346	
21:40	48	0.0415699	41.569919	
21:45	48	0.0436427	43.642679	
22:00	48	0.0350931	35.093105	
22:15	48	0.0303368	30.336839	
22:30	48	0.026518	26.517962	
22:45	48	0.0228401	22.840127	
23:00	48	0.0184357	18.435697	
23:15	48	0.014036	14.035955	
23:30	48	0.0105835	10.583515	
23:45	48	0.0076412	7.6412167	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.19	0	0	0	0.52
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)																
6/3/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/3/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/3/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/3/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.04454	44.537	0:00	63	0.000	0.000	0:00	N/A	0.1533061	153.30605	0:00	48	0.00338	3.3800369	
0:15	56	0.05018	50.175	0:15	63	0.000	0.000	0:15	N/A	0.1518651	151.86512	0:15	48	0.0003842	0.3841596	
0:30	56	0.05366	53.661	0:30	63	0.000	0.000	0:30	N/A	0.1507647	150.76473	0:30	48	0.0005471	0.5471216	
0:45	56	0.05480	54.805	0:45	63	0.000	0.049	0:45	N/A	0.1498908	149.89078	0:45	48	0.0009012	0.9011763	
1:00	56	0.05131	51.311	1:00	63	0.001	0.812	1:00	N/A	0.1496714	149.67145	1:00	48	0.0007117	0.7117113	
1:15	56	0.04636	46.362	1:15	63	0.002	2.433	1:15	N/A	0.1495423	149.54235	1:15	48	0.0011723	1.1723106	
1:30	56	0.04499	44.993	1:30	63	0.001	1.310	1:30	N/A	0.1491985	149.19847	1:30	48	0	0	
1:45	56	0.04742	47.416	1:45	63	0.000	0.071	1:45	N/A	0.1477266	147.72664	1:45	48	0	0	
2:00	56	0.04665	46.652	2:00	63	0.000	0.260	2:00	N/A	0.1469904	146.99037	2:00	48	0.0102562	10.256211	
2:15	56	0.04288	42.885	2:15	63	0.001	0.557	2:15	N/A	0.1475068	147.50682	2:15	48	0.0230718	23.071768	
2:30	56	0.04094	40.937	2:30	63	0.001	0.661	2:30	N/A	0.1474638	147.46375	2:30	48	0.0007969	0.7969245	
2:45	56	0.04165	41.651	2:45	63	0.001	0.763	2:45	N/A	0.1474668	147.46679	2:45	48	0	0	
3:00	56	0.04172	41.724	3:00	63	0.001	0.711	3:00	N/A	0.147171	147.17103	3:00	48	0	0	
3:15	56	0.03813	38.133	3:15	63	0.000	0.309	3:15	N/A	0.1477056	147.70561	3:15	48	0	0	
3:30	56	0.04404	44.043	3:30	63	0.000	0.095	3:30	N/A	0.1483626	148.36261	3:30	48	0	0	
3:45	56	0.04564	45.636	3:45	63	0.001	0.869	3:45	N/A	0.1462172	146.21716	3:45	48	3.355E-05	0.0335522	
4:00	56	0.04060	40.598	4:00	63	0.001	1.128	4:00	N/A	0.1452883	145.28826	4:00	48	0.0001037	0.1037167	
4:15	56	0.04216	42.160	4:15	63	0.001	0.657	4:15	N/A	0.1450507	145.05069	4:15	48	0.000248	0.2479985	
4:30	56	0.04686	46.858	4:30	63	0.001	1.094	4:30	N/A	0.1441096	144.10958	4:30	48	0.0007666	0.7666237	
4:45	56	0.04555	45.551	4:45	63	0.001	1.044	4:45	N/A	0.144815	144.81501	4:45	48	0	0	
5:00	56	0.05211	52.105	5:00	63	0.001	0.820	5:00	N/A	0.1445777	144.57771	5:00	48	0	0	
5:05	56	0.06616	66.164	5:15	63	0.005	5.285	5:15	N/A	0.1433468	143.34676	5:15	48	0.0002148	0.2148418	* See Field Investigation Below
5:10	56	0.05543	55.427	5:30	63	0.013	13.223	5:30	N/A	0.1447068	144.70675	5:30	48	0.0009938	0.9937682	
5:15	56	0.05301	53.014	5:45	63	0.012	12.329	5:45	N/A	0.1445957	144.59571	5:45	48	0.0001392	0.1391569	
5:30	56	0.04680	46.796	6:00	63	0.004	4.375	6:00	N/A	0.1439889	143.98892	6:00	48	0.0006437	0.6436944	
5:45	56	0.04561	45.605	6:15	63	0.006	6.235	6:15	N/A	0.1437005	143.70047	6:15	48	0.00876	8.7599757	
6:00	56	0.04691	46.906	6:30	63	0.012	11.613	6:30	N/A	0.1446638	144.66376	6:30	48	0.0662321	66.232067	
6:15	56	0.04842	48.423	6:45	63	0.012	11.894	6:45	N/A	0.1455521	145.55215	6:35	48	0.1210257	121.02569	* See Field Investigation Below
6:30	56	0.04778	47.779	7:00	63	0.012	11.850	7:00	N/A	0.1461228	146.12278	6:40	48	0.0551923	55.192277	* See Field Investigation Below
6:45	56	0.04552	45.519	7:15	63	0.014	13.649	7:15	N/A	0.1460992	146.09923	6:45	48	0	0	
7:00	56	0.04587	45.875	7:30	63	0.014	14.471	7:30	N/A	0.1442214	144.22135	6:50	48	0.014911	14.911049	
7:15	56	0.04690	46.899	7:45	63	0.020	20.408	7:45	N/A	0.1440227	144.02274	6:55	48	0.0130504	13.050378	
7:30	56	0.04768	47.681	8:00	63	0.024	24.461	8:00	N/A	0.1460103	146.01031	7:00	48	0.0082851	8.2851398	
7:45	56	0.05437	54.374	8:15	63	0.019	18.564	8:15	N/A	0.1492724	149.27241	7:15	48	0	0	

21:15	56	0.00000	0.000	21:45	63	0.000	0.245	21:45	N/A	0.1429455	142.94546	20:15	48	0	0
21:30	56	0.00001	0.006	22:00	63	0.000	0.024	22:00	N/A	0.1418187	141.81871	20:30	48	0	0
21:45	56	0.00616	6.160	22:15	63	0.000	0.000	22:15	N/A	0.1411861	141.18613	20:45	48	0	0
22:00	56	0.00213	2.125	22:30	63	0.000	0.000	22:30	N/A	0.138535	138.53502	21:00	48	0	0
22:15	56	0.00508	5.079	22:45	63	0.000	0.000	22:45	N/A	0.1367827	136.78267	21:15	48	0	0
22:30	56	0.00638	6.383	23:00	63	0.000	0.000	23:00	N/A	0.1366288	136.62885	21:30	48	0.0056378	5.6377726
22:45	56	0.00340	3.404	23:15	63	0.000	0.000	23:15	N/A	0.1346449	134.64494	21:45	48	0.0206489	20.648874
23:00	56	0.00227	2.271	23:30	63	0.000	0.000	23:30	N/A	0.1340721	134.07206	22:00	48	0.0094791	9.4791023
23:15	56	0.00262	2.624	23:45	63	0.000	0.000	23:45	N/A	0.1329268	132.92683	22:15	48	0.0127123	12.712308
23:30	56	0.00092	0.9155932									22:30	48	0.0173111	17.311136
23:45	56	0.00019	0.1884983									22:45	48	0.0083912	8.3912166
												23:00	48	0.0066102	6.6101589
												23:15	48	0.0064804	6.4804164
												23:30	48	0.0022076	2.2075569
												23:45	48	4.696E-05	0.0469558

* 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)

6/4/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/4/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/4/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/4/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.00015	0.149	0:00	63	0.000	0.000	0:00	N/A	0.1317458	131.74577	0:00	48	3.432E-05	0.0343216	
0:15	56	0.00000	0.003	0:15	63	0.000	0.000	0:15	N/A	0.1320397	132.03967	0:15	48	0	0	
0:30	56	0.00000	0.000	0:30	63	0.000	0.000	0:30	N/A	0.130323	130.32301	0:30	48	0	0	
0:45	56	0.00001	0.009	0:45	63	0.000	0.000	0:45	N/A	0.1288991	128.89913	0:45	48	0	0	
1:00	56	0.00000	0.000	1:00	63	0.000	0.000	1:00	N/A	0.1277508	127.75078	1:00	48	0	0	
1:15	56	0.00000	0.000	1:15	63	0.000	0.000	1:15	N/A	0.1272931	127.29313	1:15	48	0	0	
1:30	56	0.00024	0.243	1:30	63	0.000	0.000	1:30	N/A	0.1279851	127.98511	1:30	48	0	0	
1:45	56	0.00001	0.006	1:45	63	0.000	0.000	1:45	N/A	0.1279928	127.99278	1:45	48	0	0	
2:00	56	0.00019	0.190	2:00	63	0.000	0.000	2:00	N/A	0.1279065	127.90645	2:00	48	0	0	
2:15	56	0.00045	0.453	2:15	63	0.000	0.000	2:15	N/A	0.1272796	127.2796	2:15	48	0	0	
2:30	56	0.00107	1.072	2:30	63	0.000	0.000	2:30	N/A	0.126996	126.99604	2:30	48	0	0	
2:45	56	0.00190	1.905	2:45	63	0.000	0.000	2:45	N/A	0.1276425	127.64255	2:45	48	0	0	
3:00	56	0.00407	4.070	3:00	63	0.000	0.000	3:00	N/A	0.128337	128.33701	3:00	48	0	0	
3:15	56	0.00288	2.876	3:15	63	0.000	0.000	3:15	N/A	0.1283762	128.37623	3:15	48	0.0115813	11.581269	
3:30	56	0.00418	4.184	3:30	63	0.000	0.000	3:30	N/A	0.1289005	128.90053	3:30	48	0.0182731	18.273058	
3:45	56	0.00507	5.074	3:45	63	0.000	0.000	3:45	N/A	0.1294202	129.42022	3:45	48	0.0015508	1.5508246	
4:00	56	0.00605	6.053	4:00	63	0.000	0.006	4:00	N/A	0.1293852	129.38522	4:00	48	0	0	
4:15	56	0.00724	7.245	4:15	63	0.000	0.197	4:15	N/A	0.1296115	129.61153	4:15	48	0	0	
4:30	56	0.00868	8.684	4:30	63	0.000	0.240	4:30	N/A	0.1297939	129.79393	4:30	48	0	0	
4:45	56	0.00759	7.587	4:45	63	0.001	0.595	4:45	N/A	0.1298404	129.84043	4:45	48	0	0	
5:00	56	0.00761	7.610	5:00	63	0.002	1.958	5:00	N/A	0.1303319	130.33189	5:00	48	0	0	
5:15	56	0.00963	9.630	5:15	63	0.002	2.259	5:15	N/A	0.1298321	129.83207	5:15	48	0	0	
5:30	56	0.01015	10.147	5:30	63	0.002	1.978	5:30	N/A	0.1301338	130.13385	5:30	48	0	0	
5:45	56	0.01244	12.439	5:45	63	0.002	2.178	5:45	N/A	0.1306234	130.62344	5:45	48	0	0	
6:00	56	0.03327	33.269	6:00	63	0.003	2.791	6:00	N/A	0.1309762	130.97622	6:00	48	0	0	
6:15	56	0.01393	13.932	6:15	63	0.003	3.197	6:15	N/A	0.1311546	131.15457	6:15	48	0	0	
6:30	56	0.01044	10.444	6:30	63	0.003	3.462	6:30	N/A	0.1313216	131.32163	6:30	48	0	0	
6:45	56	0.01077	10.772	6:45	63	0.004	3.646	6:45	N/A	0.1309396	130.93955	6:45	48	0	0	
7:00	56	0.00957	9.574	7:00	63	0.004	3.835	7:00	N/A	0.1308426	130.84255	7:00	48	0	0	
7:15	56	0.01006	10.061	7:15	63	0.004	3.936	7:15	N/A	0.1306198	130.61984	7:15	48	0	0	
7:30	56	0.01078	10.775	7:30	63	0.003	3.322	7:30	N/A	0.1308961	130.89606	7:30	48	0	0	
7:45	56	0.01064	10.636	7:45	63	0.004	3.554	7:45	N/A	0.1309787	130.97873	7:45	48	0	0	
8:00	56	0.01103	11.027	8:00	63	0.005	4.765	8:00	N/A	0.1313323	131.33226	8:00	48	0	0	
8:15	56	0.01097	10.966	8:15	63	0.006	5.611	8:15	N/A	0.1318314	131.83139	8:15	48	0	0	
8:30	56	0.01132	11.318	8:30	63	0.007	6.609	8:30	N/A	0.1322705	132.27049	8:30	48	0	0	
8:45	56	0.01207	12.074	8:45	63	0.008	7.565	8:45	N/A	0.132792	132.79204	8:45	48	0	0	
9:00	56	0.01229	12.293	9:00	63	0.009	8.591	9:00	N/A	0.1329876	132.9876	9:00	48	0	0	
9:15	56	0.01310	13.101	9:15	63	0.010	9.972	9:15	N/A	0.1336077	133.60766	9:15	48	0	0	
9:30	56	0.01458	14.581	9:30	63	0.011	11.365	9:30	N/A	0.1341819	134.18186	9:30	48	0	0	
9:45	56	0.01597	15.965	9:45	63	0.013	13.407	9:45	N/A	0.1351286	135.12861	9:45	48	0	0	
10:00	56	0.01706	17.061	10:00	63	0.015	14.974	10:00	N/A	0.1360031	136.00307	10:00	48	0.0001038	0.1037681	
10:15	56	0.01807	18.068	10:15	63	0.016	16.382	10:15	N/A	0.1367226	136.72263	10:15	48	0.000721	0.7209698	
10:30	56	0.01879	18.791	10:30	63	0.018	17.777	10:30	N/A	0.1373602	137.36022	10:30	48	0.002453	2.4529747	

10:45	56	0.01921	19.212	10:45	63	0.019	18.587	10:45	N/A	0.1376153	137.61529	10:45	48	0.0044405	4.4405115	
11:00	56	0.01915	19.150	11:00	63	0.019	18.655	11:00	N/A	0.1380676	138.06759	11:00	48	0.0063547	6.3547085	
11:15	56	0.01820	18.204	11:15	63	0.018	18.442	11:15	N/A	0.1376925	137.69254	11:15	48	0.0087366	8.7366025	
11:30	56	0.01564	15.641	11:30	63	0.017	16.845	11:30	N/A	0.1371691	137.16912	11:30	48	0.0119937	11.993712	
11:45	56	0.01234	12.339	11:45	63	0.013	13.324	11:45	N/A	0.1361246	136.12462	11:45	48	0.0149311	14.931105	
12:00	56	0.00927	9.274	12:00	63	0.010	10.288	12:00	N/A	0.1348081	134.8081	12:00	48	0.01761	17.610029	
12:15	56	0.00655	6.547	12:15	63	0.009	8.519	12:15	N/A	0.1344215	134.42154	12:15	48	0.020501	20.50098	
12:30	56	0.00567	5.667	12:30	63	0.007	7.267	12:30	N/A	0.1328772	132.87719	12:30	48	0.0226343	22.63428	
12:45	56	0.00335	3.354	12:45	63	0.006	6.313	12:45	N/A	0.1332904	133.29044	12:45	48	0.0232612	23.261174	
13:00	56	0.00165	1.646	13:00	63	0.004	4.065	13:00	N/A	0.1311862	131.18625	13:00	48	0.0180578	18.057774	
13:15	56	0.00068	0.678	13:15	63	0.004	4.019	13:15	N/A	0.129879	129.87898	13:15	48	0.0266592	26.659165	
13:30	56	0.00014	0.136	13:30	63	0.004	3.892	13:30	N/A	0.1298614	129.86139	13:30	48	0.0281538	28.153762	
13:45	56	0.00001	0.008	13:45	63	0.003	2.861	13:45	N/A	0.128836	128.83597	13:45	48	0.0270598	27.059821	
14:00	56	0.00000	0.000	14:00	63	0.002	2.284	14:00	N/A	0.1295248	129.52483	14:00	48	0.011042	11.042024	
14:15	56	0.00000	0.000	14:15	63	0.003	3.076	14:15	N/A	0.1292185	129.21855	14:15	48	0.0306943	30.694308	
14:30	56	0.00000	0.000	14:30	63	0.002	1.771	14:30	N/A	0.1276854	127.68537	14:30	48	0.0212305	21.230523	
14:45	56	0.00000	0.000	14:45	63	0.002	2.025	14:45	N/A	0.1276323	127.63231	14:45	48	0.0222848	22.284793	
15:00	56	0.00000	0.000	15:00	63	0.002	2.251	15:00	N/A	0.1275401	127.54014	15:00	48	0.0327126	32.712601	
15:15	56	0.00000	0.000	15:15	63	0.002	1.636	15:15	N/A	0.1285305	128.53045	15:15	48	0.0114928	11.492834	
15:30	56	0.00000	0.000	15:30	63	0.003	2.602	15:30	N/A	0.1264503	126.45027	15:30	48	0.0244104	24.410407	
15:45	56	0.00000	0.000	15:45	63	0.004	3.795	15:45	N/A	0.1271045	127.10455	15:45	48	0.0365363	36.536251	
16:00	56	0.00000	0.000	16:00	63	0.001	1.136	16:00	N/A	0.127592	127.59201	16:00	48	1.406E-05	0.0140649	
16:15	56	0.00000	0.000	16:15	63	0.002	1.507	16:15	N/A	0.1261475	126.14752	16:15	48	0.0149157	14.915658	
16:30	56	0.00000	0.000	16:30	63	0.004	3.661	16:30	N/A	0.1272719	127.27191	16:30	48	0.0155969	15.596882	
16:45	56	0.00000	0.000	16:45	63	0.001	0.861	16:45	N/A	0.1282935	128.29353	16:45	48	0.000397	0.397002	
17:00	56	0.00000	0.000	17:00	63	0.004	4.493	17:00	N/A	0.1275995	127.59951	17:00	48	0.0366127	36.61268	
17:15	56	0.00000	0.000	17:15	63	0.008	7.900	17:15	N/A	0.128549	128.54904	17:15	48	0.0198605	19.8605	
17:30	56	0.00000	0.000	17:30	63	0.008	8.187	17:30	N/A	0.1299177	129.91769	17:30	48	0.0446432	44.643187	
17:45	56	0.00000	0.000	17:45	63	0.004	3.913	17:45	N/A	0.1328331	132.83312	17:35	48	0.0615583	61.558288	* See Field Investigation Below
18:00	56	0.00000	0.000	18:00	63	0.000	0.000	18:00	N/A	0.1329183	132.91825	17:40	48	0.0627231	62.723112	* See Field Investigation Below
18:15	56	0.00000	0.000	18:15	63	0.003	2.654	18:15	N/A	0.1327343	132.73426	17:45	48	0.0014503	1.4502574	
18:30	56	0.00000	0.000	18:30	63	0.009	8.927	18:30	N/A	0.1332803	133.2803	18:00	48	0	0	
18:45	56	0.00000	0.000	18:45	63	0.000	0.000	18:45	N/A	0.133782	133.78203	18:15	48	0.0211878	21.187801	
19:00	56	0.00000	0.000	19:00	63	0.001	1.019	19:00	N/A	0.1345419	134.54192	18:30	48	0.0233553	23.355296	
19:15	56	0.00000	0.000	19:15	63	0.005	4.712	19:15	N/A	0.1355095	135.50954	18:45	48	0.0020778	2.077844	
19:30	56	0.00000	0.000	19:30	63	0.000	0.000	19:30	N/A	0.1377015	137.70153	19:00	48	0.0220117	22.011717	
19:45	56	0.00000	0.000	19:45	63	0.000	0.000	19:45	N/A	0.1389254	138.92537	19:15	48	0.0241906	24.190577	
20:00	56	0.00000	0.000	20:00	63	0.000	0.000	20:00	N/A	0.1368884	136.88835	19:30	48	0.0037639	3.7638791	
20:15	56	0.00000	0.000	20:15	63	0.000	0.000	20:15	N/A	0.134022	134.02204	19:45	48	0	0	
20:30	56	0.00000	0.000	20:30	63	0.000	0.000	20:30	N/A	0.1300712	130.07115	20:00	48	0	0	
20:45	56	0.00000	0.000	20:45	63	0.000	0.000	20:45	N/A	0.1300374	130.03745	20:15	48	0	0	
21:00	56	0.00000	0.000	21:00	63	0.000	0.000	21:00	N/A	0.1282601	128.26011	20:30	48	0	0	
21:15	56	0.00000	0.000	21:15	63	0.000	0.000	21:15	N/A	0.1269635	126.96351	20:45	48	0	0	
21:30	56	0.00000	0.000	21:30	63	0.000	0.000	21:30	N/A	0.1256348	125.63482	21:00	48	0	0	
21:45	56	0.00000	0.000	21:45	63	0.000	0.000	21:45	N/A	0.1249482	124.9482	21:15	48	0	0	
22:00	56	0.00000	0.000	22:00	63	0.000	0.000	22:00	N/A	0.127007	127.00695	21:30	48	0	0	
22:15	56	0.00000	0.000	22:15	63	0.000	0.000	22:15	N/A	0.123264	123.26401	21:45	48	0.0058665	5.8664606	
22:30	56	0.00000	0.000	22:30	63	0.000	0.000	22:30	N/A	0.1226601	122.66014	22:00	48	0.0015439	1.5439134	
22:45	56	0.00000	0.000	22:45	63	0.000	0.000	22:45	N/A	0.124168	124.16798	22:15	48	0	0	
23:00	56	0.00000	0.000	23:00	63	0.000	0.000	23:00	N/A	0.124486	124.48598	22:30	48	0.002913	2.9129833	
23:15	56	0.00000	0.000	23:15	63	0.000	0.000	23:15	N/A	0.1247733	124.77327	22:45	48	0.0008324	0.832352	
23:30	56	0.00000	0.000	23:30	63	0.000	0.000	23:30	N/A	0.1233332	123.33322	23:00	48	0	0	
23:45	56	0.00459	4.593	23:45	63	0.000	0.000	23:45	N/A	0.1231951	123.19507	23:15	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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23:30	48	0	0	
23:45	48	0	0	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.22	0	0	0	0.4

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)

6/5/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/5/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/5/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/5/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.02721	27.213	0:00	63	0.000	0.000	0:00	N/A	0.1238513	123.85128	0:00	48	0	0	
0:15	56	0.02969	29.691	0:15	63	0.000	0.000	0:15	N/A	0.1228778	122.87777	0:15	48	0.0107353	10.735305	
0:30	56	0.00000	0.000	0:30	63	0.000	0.000	0:30	N/A	0.1229095	122.90948	0:30	48	0.0044871	4.4871251	
0:45	56	0.00011	0.114	0:45	63	0.000	0.000	0:45	N/A	0.1216547	121.65468	0:45	48	0	0	
1:00	56	0.00036	0.362	1:00	63	0.000	0.000	1:00	N/A	0.1211778	121.17781	1:00	48	0	0	
1:15	56	0.00024	0.241	1:15	63	0.000	0.000	1:15	N/A	0.1207075	120.70752	1:15	48	0.0018574	1.8573874	
1:30	56	0.00000	0.001	1:30	63	0.000	0.000	1:30	N/A	0.1202906	120.29063	1:30	48	0.0014996	1.4995917	
1:45	56	0.00002	0.017	1:45	63	0.000	0.000	1:45	N/A	0.1198909	119.89089	1:45	48	0.0005883	0.5883382	
2:00	56	0.00004	0.041	2:00	63	0.000	0.000	2:00	N/A	0.1194828	119.48285	2:00	48	0.0025861	2.5861363	
2:15	56	0.00022	0.222	2:15	63	0.000	0.000	2:15	N/A	0.1197489	119.74891	2:15	48	0.0020854	2.0854281	
2:30	56	0.00049	0.492	2:30	63	0.000	0.000	2:30	N/A	0.1196553	119.65527	2:30	48	0.0029569	2.9569345	
2:45	56	0.00021	0.213	2:45	63	0.000	0.000	2:45	N/A	0.1197274	119.72744	2:45	48	0.0039884	3.9884351	
3:00	56	0.00060	0.602	3:00	63	0.000	0.000	3:00	N/A	0.1201753	120.17535	3:00	48	0.0046697	4.6697112	
3:15	56	0.00002	0.017	3:15	63	0.000	0.000	3:15	N/A	0.1197311	119.73112	3:15	48	0.0039605	3.9605384	
3:30	56	0.00019	0.191	3:30	63	0.000	0.000	3:30	N/A	0.1194859	119.48594	3:30	48	0.0052003	5.2002714	
3:45	56	0.00050	0.501	3:45	63	0.000	0.000	3:45	N/A	0.1193707	119.37073	3:45	48	0.0053234	5.3233752	
4:00	56	0.00046	0.459	4:00	63	0.000	0.000	4:00	N/A	0.1195329	119.53286	4:00	48	0.0072986	7.298597	
4:15	56	0.00179	1.790	4:15	63	0.000	0.000	4:15	N/A	0.1202111	120.21106	4:15	48	0.0063389	6.3388735	
4:30	56	0.00131	1.305	4:30	63	0.000	0.000	4:30	N/A	0.1204908	120.49084	4:30	48	0.0026508	2.6507874	
4:45	56	0.00052	0.516	4:45	63	0.000	0.000	4:45	N/A	0.1205196	120.5196	4:45	48	0.0029405	2.9405017	
5:00	56	0.00032	0.317	5:00	63	0.000	0.000	5:00	N/A	0.1203378	120.33776	5:00	48	0.0050023	5.0022694	
5:15	56	0.00140	1.396	5:15	63	0.000	0.000	5:15	N/A	0.1210957	121.09574	5:15	48	0.0085701	8.5700565	
5:30	56	0.00129	1.289	5:30	63	0.000	0.000	5:30	N/A	0.1218427	121.84265	5:30	48	0.0086628	8.6628027	
5:45	56	0.00034	0.342	5:45	63	0.000	0.000	5:45	N/A	0.1230868	123.08681	5:45	48	0.0067942	6.7941705	
6:00	56	0.00169	1.691	6:00	63	0.000	0.000	6:00	N/A	0.1241822	124.18221	6:00	48	0.0066763	6.6762551	
6:15	56	0.00054	0.536	6:15	63	0.000	0.000	6:15	N/A	0.1240611	124.06112	6:15	48	0.0086587	8.6587194	
6:30	56	0.00013	0.127	6:30	63	0.000	0.000	6:30	N/A	0.1251921	125.19205	6:30	48	0.0081456	8.1456296	
6:45	56	0.00016	0.162	6:45	63	0.000	0.000	6:45	N/A	0.125438	125.438	6:45	48	0.0230438	23.043755	
7:00	56	0.00127	1.274	7:00	63	0.000	0.000	7:00	N/A	0.1257003	125.70033	7:00	48	0.0957053	95.705333	* See Field Investigation Below
7:15	56	0.00300	3.004	7:15	63	0.000	0.000	7:15	N/A	0.1244219	124.42191	7:05	48	0.0853727	85.372667	* See Field Investigation Below
7:30	56	0.00317	3.169	7:30	63	0.000	0.000	7:30	N/A	0.124021	124.021	7:10	48	0.0131229	13.122918	
7:45	56	0.00156	1.557	7:45	63	0.000	0.000	7:45	N/A	0.1235147	123.51467	7:15	48	0.0365761	36.576051	
8:00	56	0.00014	0.136	8:00	63	0.000	0.000	8:00	N/A	0.1230856	123.08556	7:30	48	0.0047089	4.708913	

8:15	56	0.00000	0.000	8:15	63	0.000	0.000	8:15	N/A	0.1208495	120.84953	7:45	48	0.0028949	2.8949494	
8:30	56	0.00009	0.094	8:30	63	0.000	0.000	8:30	N/A	0.1205087	120.50873	8:00	48	0.0002241	0.2240886	
8:45	56	0.00081	0.809	8:45	63	0.000	0.000	8:45	N/A	0.1205334	120.53336	8:15	48	0.0001736	0.1736139	
9:00	56	0.00000	0.000	9:00	63	0.000	0.000	9:00	N/A	0.1199978	119.99778	8:30	48	0.0004095	0.4095201	
9:15	56	0.00000	0.000	9:15	63	0.000	0.000	9:15	N/A	0.1197393	119.73929	8:45	48	0.0008885	0.8884568	
9:30	56	0.00000	0.000	9:30	63	0.000	0.000	9:30	N/A	0.1205763	120.57626	9:00	48	0.001133	1.1329536	
9:45	56	0.00000	0.000	9:45	63	0.000	0.000	9:45	N/A	0.1216139	121.61391	9:15	48	0.0010592	1.0592185	
10:00	56	0.00000	0.000	10:00	63	0.000	0.000	10:00	N/A	0.1216593	121.65934	9:30	48	0.0012668	1.2668069	
10:15	56	0.00000	0.000	10:15	63	0.000	0.000	10:15	N/A	0.1227812	122.78117	9:45	48	0.0014623	1.4622536	
10:30	56	0.00000	0.000	10:30	63	0.000	0.000	10:30	N/A	0.1219022	121.90216	10:00	48	0.0019331	1.9330766	
10:45	56	0.00000	0.000	10:45	63	0.000	0.000	10:45	N/A	0.1216318	121.63176	10:15	48	0.0018536	1.8535984	
11:00	56	0.00000	0.000	11:00	63	0.000	0.000	11:00	N/A	0.1227063	122.70631	10:30	48	0.001616	1.6159537	
11:15	56	0.00000	0.000	11:15	63	0.000	0.000	11:15	N/A	0.1238994	123.89942	10:45	48	0.0023286	2.3286396	
11:30	56	0.00000	0.000	11:30	63	0.000	0.000	11:30	N/A	0.1237132	123.71325	11:00	48	0.0019401	1.94009	
11:45	56	0.00000	0.000	11:45	63	0.000	0.000	11:45	N/A	0.122585	122.58501	11:15	48	0.000699	0.6989589	
12:00	56	0.00000	0.000	12:00	63	0.000	0.000	12:00	N/A	0.1215047	121.50469	11:30	48	0.0021501	2.1501227	
12:15	56	0.00000	0.000	12:15	63	0.000	0.000	12:15	N/A	0.1209067	120.90667	11:45	48	0.0045032	4.5031752	
12:30	56	0.00000	0.000	12:30	63	0.000	0.000	12:30	N/A	0.1218813	121.88128	12:00	48	0.0104493	10.44928	
12:45	56	0.00000	0.000	12:45	63	0.000	0.000	12:45	N/A	0.1211805	121.18053	12:15	48	0.0126598	12.659765	
13:00	56	0.00000	0.000	13:00	63	0.000	0.000	13:00	N/A	0.1211286	121.12855	12:30	48	0.0146388	14.6388	
13:15	56	0.00000	0.000	13:15	63	0.000	0.000	13:15	N/A	0.1218361	121.83609	12:45	48	0.0167904	16.790394	
13:30	56	0.00000	0.000	13:30	63	0.000	0.000	13:30	N/A	0.1218307	121.83067	13:00	48	0.0199036	19.903551	
13:45	56	0.00000	0.000	13:45	63	0.000	0.000	13:45	N/A	0.1219319	121.93189	13:15	48	0.0173618	17.361788	
14:00	56	0.00000	0.000	14:00	63	0.000	0.000	14:00	N/A	0.1221654	122.16544	13:30	48	0.0057232	5.7231941	
14:15	56	0.00000	0.000	14:15	63	0.000	0.000	14:15	N/A	0.121068	121.06797	13:45	48	0	0	
14:30	56	0.00000	0.000	14:30	63	0.000	0.000	14:30	N/A	0.1207979	120.79789	14:00	48	0	0	
14:45	56	0.00000	0.000	14:45	63	0.000	0.000	14:45	N/A	0.1212358	121.23577	14:15	48	0	0	
15:00	56	0.00000	0.000	15:00	63	0.000	0.000	15:00	N/A	0.121019	121.01903	14:30	48	0	0	
15:15	56	0.00000	0.000	15:15	63	0.000	0.000	15:15	N/A	0.121185	121.18495	14:45	48	0	0	
15:30	56	0.00000	0.000	15:30	63	0.000	0.000	15:30	N/A	0.1207312	120.73122	15:00	48	0	0	
15:45	56	0.00000	0.000	15:45	63	0.000	0.000	15:45	N/A	0.1206852	120.68522	15:15	48	0	0	
16:00	56	0.00000	0.000	16:00	63	0.000	0.000	16:00	N/A	0.1198821	119.88206	15:30	48	0	0	
16:15	56	0.00000	0.000	16:15	63	0.000	0.000	16:15	N/A	0.120241	120.24101	15:45	48	0	0	
16:30	56	0.00000	0.000	16:30	63	0.000	0.000	16:30	N/A	0.1202466	120.24656	16:00	48	0	0	
16:45	56	0.00000	0.000	16:45	63	0.000	0.000	16:45	N/A	0.1206484	120.64844	16:15	48	0	0	
17:00	56	0.00000	0.000	17:00	63	0.000	0.000	17:00	N/A	0.1203145	120.31454	16:30	48	0	0	
17:15	56	0.00000	0.000	17:15	63	0.000	0.000	17:15	N/A	0.1207786	120.77864	16:45	48	0	0	
17:30	56	0.00000	0.000	17:30	63	0.000	0.000	17:30	N/A	0.1210504	121.05045	17:00	48	0	0	
17:45	56	0.00000	0.000	17:45	63	0.000	0.000	17:45	N/A	0.1215093	121.50933	17:15	48	0	0	
18:00	56	0.00000	0.000	18:00	63	0.000	0.000	18:00	N/A	0.1218128	121.8128	17:30	48	0	0	
18:15	56	0.00000	0.000	18:15	63	0.000	0.000	18:15	N/A	0.1221404	122.14042	17:45	48	0	0	
18:30	56	0.00000	0.000	18:30	63	0.000	0.000	18:30	N/A	0.1233549	123.35487	18:00	48	0	0	
18:45	56	0.00000	0.000	18:45	63	0.000	0.000	18:45	N/A	0.1232831	123.28311	18:15	48	0	0	
19:00	56	0.00000	0.000	19:00	63	0.000	0.000	19:00	N/A	0.1229388	122.93876	18:30	48	0	0	
19:15	56	0.00000	0.000	19:15	63	0.000	0.000	19:15	N/A	0.12373	123.73002	18:45	48	0	0	
19:30	56	0.00000	0.000	19:30	63	0.000	0.000	19:30	N/A	0.1251851	125.18509	19:00	48	0	0	
19:45	56	0.00000	0.000	19:45	63	0.000	0.000	19:45	N/A	0.1264788	126.47878	19:15	48	0	0	
20:00	56	0.00000	0.000	20:00	63	0.000	0.000	20:00	N/A	0.1293715	129.3715	19:30	48	0	0	
20:15	56	0.00000	0.000	20:15	63	0.000	0.000	20:15	N/A	0.1292938	129.29384	19:45	48	0	0	
20:30	56	0.00000	0.000	20:30	63	0.000	0.000	20:30	N/A	0.128056	128.05601	20:00	48	0	0	
20:45	56	0.00000	0.000	20:45	63	0.000	0.000	20:45	N/A	0.1266998	126.6998	20:15	48	0	0	
21:00	56	0.00000	0.000	21:00	63	0.000	0.000	21:00	N/A	0.1260013	126.00129	20:30	48	0	0	
21:15	56	0.00000	0.000	21:15	63	0.000	0.000	21:15	N/A	0.1258527	125.85274	20:45	48	0	0	

21:30	56	0.00000	0.000	21:30	63	0.000	0.000	21:30	N/A	0.1254438	125.44385	21:00	48	0	0	
21:45	56	0.02750	27.501	21:45	63	0.000	0.000	21:45	N/A	0.1262786	126.27865	21:15	48	0	0	
22:00	56	0.04031	40.308	22:00	63	0.000	0.000	22:00	N/A	0.1267408	126.74075	21:30	48	0	0	
22:15	56	0.02033	20.334	22:15	63	0.000	0.484	22:15	N/A	0.1266135	126.61349	21:45	48	0	0	
22:20	56	0.13229	132.285	22:30	63	0.002	2.061	22:30	N/A	0.1266661	126.66611	22:00	48	0	0	* See Field Investigation Below
22:25	56	0.03989	39.894	22:45	63	0.002	2.173	22:45	N/A	0.1286012	128.60116	22:15	48	1.579E-06	0.0015791	* See Field Investigation Below
22:30	56	0.29914	299.142	23:00	63	0.002	1.733	23:00	N/A	0.1298999	129.89988	22:30	48	0.0017062	1.7061823	* See Field Investigation Below
22:35	56	0.19832	198.320	23:15	63	0.002	2.170	23:15	N/A	0.1293879	129.38791	22:45	48	0.0363218	36.321846	
22:40	56	0.00000	0.000	23:30	63	0.002	1.826	23:30	N/A	0.1300385	130.03848	23:00	48	0.000861	0.8610362	
22:45	56	0.02203	22.034	23:45	63	0.000	0.000	23:45	N/A	0.1231951	123.19507	23:15	48	0.0057629	5.7628792	
23:00	56	0.03426	34.258941									23:30	48	0.0044662	4.4662179	
23:05	56	0.26249	262.4887									23:45	48	0	0	* See Field Investigation Below
23:10	56	0.25809	258.08853													* See Field Investigation Below
23:15	56	0.04110	41.101405													
23:30	56	0.00000	0													
23:45	56	0.00000	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)

6/6/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/6/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/6/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/6/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.03272	32.723	0:00	63	0.002	2.192	0:00	N/A	0.1301664	130.16635	0:00	48	0.0029527	2.9527059	
0:15	56	0.00000	0.000	0:15	63	0.002	1.992	0:15	N/A	0.1292156	129.21561	0:15	48	0.0006849	0.6848811	
0:30	56	0.25122	251.221	0:30	63	0.002	2.313	0:30	N/A	0.1288588	128.8588	0:30	48	0.001647	1.6470474	* See Field Investigation Below
0:35	56	0.03114	31.143	0:45	63	0.003	2.768	0:45	N/A	0.1296982	129.69823	0:45	48	0.0018526	1.8525912	
0:40	56	0.20249	202.489	1:00	63	0.003	2.628	1:00	N/A	0.1294189	129.41887	1:00	48	0.0038644	3.8644422	* See Field Investigation Below
0:45	56	0.00967	9.666	1:15	63	0.002	2.361	1:15	N/A	0.1291476	129.14762	1:15	48	0.0023297	2.3296503	
0:50	56	0.06370	63.701	1:30	63	0.003	2.762	1:30	N/A	0.1288383	128.8383	1:30	48	0.0014222	1.4222412	* See Field Investigation Below
0:55	56	0.00636	6.360	1:45	63	0.003	2.874	1:45	N/A	0.1283494	128.34941	1:45	48	0.0020377	2.0377484	
1:00	56	0.01362	13.615	2:00	63	0.003	2.593	2:00	N/A	0.127408	127.40797	2:00	48	0.0024231	2.4230581	
1:15	56	0.00695	6.951	2:15	63	0.004	3.617	2:15	N/A	0.1265832	126.58321	2:15	48	0.0033233	3.3233017	
1:30	56	0.00931	9.314	2:30	63	0.004	4.089	2:30	N/A	0.1261117	126.11174	2:30	48	0.0014806	1.4806238	
1:45	56	0.02818	28.182	2:45	63	0.005	4.810	2:45	N/A	0.125809	125.80902	2:45	48	0.001008	1.0080375	
2:00	56	0.05185	51.850	3:00	63	0.005	5.153	3:00	N/A	0.1257219	125.72191	3:00	48	0.0010009	1.0009321	
2:15	56	0.02910	29.096	3:15	63	0.004	4.491	3:15	N/A	0.1255891	125.58911	3:15	48	0.0007256	0.7256446	
2:30	56	0.00869	8.688	3:30	63	0.004	4.040	3:30	N/A	0.1249306	124.93063	3:30	48	0.0016084	1.6083587	
2:45	56	0.00705	7.053	3:45	63	0.004	4.273	3:45	N/A	0.1249558	124.95582	3:45	48	0.002757	2.7570358	
3:00	56	0.00613	6.130	4:00	63	0.005	5.468	4:00	N/A	0.1259916	125.99163	4:00	48	0.0028674	2.8674333	
3:15	56	0.00540	5.398	4:15	63	0.006	5.624	4:15	N/A	0.12662	126.62	4:15	48	0.0029157	2.9157261	
3:30	56	0.00580	5.804	4:30	63	0.007	6.958	4:30	N/A	0.1260312	126.03121	4:30	48	0.0025653	2.5652803	
3:45	56	0.00657	6.568	4:45	63	0.007	6.979	4:45	N/A	0.1256577	125.65774	4:45	48	0.0020773	2.0772927	
4:00	56	0.00765	7.655	5:00	63	0.007	7.419	5:00	N/A	0.1261451	126.14514	5:00	48	0.0037029	3.7028675	
4:15	56	0.00879	8.788	5:15	63	0.009	9.309	5:15	N/A	0.1268079	126.80789	5:15	48	0.0037733	3.7732773	
4:30	56	0.00844	8.440	5:30	63	0.010	9.820	5:30	N/A	0.1263188	126.31885	5:30	48	0.0027547	2.7547214	
4:45	56	0.00778	7.782	5:45	63	0.011	10.659	5:45	N/A	0.1260332	126.03322	5:45	48	0.0027966	2.7965625	
5:00	56	0.00819	8.185	6:00	63	0.010	10.002	6:00	N/A	0.1268035	126.80347	6:00	48	0.0035726	3.5725574	
5:15	56	0.00905	9.053	6:15	63	0.011	10.717	6:15	N/A	0.1275842	127.58422	6:15	48	0.0041466	4.1465981	
5:30	56	0.00938	9.375	6:30	63	0.012	11.563	6:30	N/A	0.1268711	126.87108	6:30	48	0.0043745	4.3745315	
5:45	56	0.01087	10.865	6:45	63	0.012	11.768	6:45	N/A	0.1265922	126.59217	6:45	48	0.0047333	4.7332911	
6:00	56	0.01159	11.587	7:00	63	0.012	11.659	7:00	N/A	0.1274284	127.42843	7:00	48	0.0051321	5.1320633	
6:15	56	0.01110	11.104	7:15	63	0.013	12.505	7:15	N/A	0.1284339	128.43386	7:15	48	0.0059933	5.9932577	
6:30	56	0.01124	11.237	7:30	63	0.013	12.630	7:30	N/A	0.1295065	129.50649	7:30	48	0.0057807	5.7807153	
6:45	56	0.01151	11.509	7:45	63	0.014	14.013	7:45	N/A	0.1304247	130.42471	7:45	48	0.0075821	7.5821309	
7:00	56	0.01189	11.886	8:00	63	0.011	10.571	8:00	N/A	0.1308466	130.84663	8:00	48	0.0063907	6.3906916	
7:15	56	0.01276	12.757	8:15	63	0.014	13.802	8:15	N/A	0.1304938	130.49377	8:15	48	0.0059523	5.9522859	
7:30	56	0.01399	13.994	8:30	63	0.012	12.074	8:30	N/A	0.1310778	131.07781	8:30	48	0.0064692	6.4691553	
7:45	56	0.01583	15.826	8:45	63	0.013	13.375	8:45	N/A	0.1317542	131.75418	8:45	48	0.0064	6.3999986	
8:00	56	0.01367	13.673	9:00	63	0.013	13.079	9:00	N/A	0.1318153	131.8153	9:00	48	0.0086173	8.617271	
8:15	56	0.01109	11.086	9:15	63	0.012	12.497	9:15	N/A	0.132609	132.60898	9:15	48	0.0067044	6.7043509	
8:30	56	0.01299	12.990	9:30	63	0.011	10.701	9:30	N/A	0.1317506	131.75062	9:30	48	0.0034292	3.4292161	
8:45	56	0.01305	13.048	9:45	63	0.005	5.230	9:45	N/A	0.1301717	130.17168	9:45	48	0.0026662	2.6661547	
9:00	56	0.01281	12.814	10:00	63	0.008	8.162	10:00	N/A	0.1296452	129.64518	10:00	48	0.0021599	2.1599193	
9:15	56	0.01173	11.726	10:15	63	0.005	5.485	10:15	N/A	0.1305492	130.54918	10:15	48	0.0016754	1.675376	

22:45	56	0.00000	0.000	23:45	63	0.000	0.000	23:45	N/A	0	0	23:45	48	0	0	
23:00	56	0.00000	0													
23:15	56	0.00000	0													
23:30	56	0.00000	0													
23:45	56	0.00000	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)

6/7/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/7/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/7/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/7/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.00000	0.000	0:00	63	0.000	0.000	0:00	N/A	0	0	0:00	48	0	0	
0:15	56	0.00000	0.000	0:15	63	0.000	0.000	0:15	N/A	0	0	0:15	48	0	0	
0:30	56	0.00000	0.000	0:30	63	0.000	0.000	0:30	N/A	0	0	0:30	48	0	0	
0:45	56	0.00228	2.279	0:45	63	0.000	0.000	0:45	N/A	0	0	0:45	48	0	0	
1:00	56	0.05124	51.240	1:00	63	0.000	0.000	1:00	N/A	0	0	1:00	48	0	0	
1:15	56	0.00365	3.652	1:15	63	0.000	0.478	1:15	N/A	0	0	1:15	48	0	0	
1:30	56	0.00554	5.543	1:30	63	0.002	1.763	1:30	N/A	0	0	1:30	48	0	0	
1:45	56	0.00223	2.229	1:45	63	0.002	1.901	1:45	N/A	0	0	1:45	48	0	0	
2:00	56	0.00619	6.185	2:00	63	0.001	0.735	2:00	N/A	0	0	2:00	48	0	0	
2:15	56	0.00606	6.059	2:15	63	0.001	1.085	2:15	N/A	0	0	2:15	48	0	0	
2:30	56	0.03847	38.475	2:30	63	0.002	2.297	2:30	N/A	0	0	2:30	48	0	0	
2:45	56	0.00721	7.205	2:45	63	0.003	2.539	2:45	N/A	0	0	2:45	48	0	0	
3:00	56	0.00446	4.458	3:00	63	0.002	1.652	3:00	N/A	0	0	3:00	48	0	0	
3:15	56	0.00791	7.912	3:15	63	0.001	0.507	3:15	N/A	0	0	3:15	48	0	0	
3:30	56	0.00557	5.567	3:30	63	0.000	0.114	3:30	N/A	0	0	3:30	48	0	0	
3:45	56	0.00385	3.851	3:45	63	0.000	0.257	3:45	N/A	0	0	3:45	48	0	0	
4:00	56	0.00751	7.510	4:00	63	0.001	0.803	4:00	N/A	0	0	4:00	48	0	0	
4:15	56	0.00611	6.106	4:15	63	0.002	1.630	4:15	N/A	0	0	4:15	48	0	0	
4:30	56	0.00642	6.419	4:30	63	0.001	1.273	4:30	N/A	0	0	4:30	48	0	0	
4:45	56	0.00794	7.936	4:45	63	0.001	1.413	4:45	N/A	0	0	4:45	48	0	0	
5:00	56	0.00577	5.773	5:00	63	0.001	1.439	5:00	N/A	0	0	5:00	48	0	0	
5:15	56	0.00838	8.376	5:15	63	0.002	1.913	5:15	N/A	0	0	5:15	48	0	0	
5:30	56	0.00773	7.730	5:30	63	0.001	0.943	5:30	N/A	0	0	5:30	48	0	0	
5:45	56	0.00710	7.105	5:45	63	0.001	0.962	5:45	N/A	0	0	5:45	48	0	0	
6:00	56	0.00658	6.585	6:00	63	0.001	1.406	6:00	N/A	0	0	6:00	48	0	0	
6:15	56	0.00816	8.158	6:15	63	0.002	1.811	6:15	N/A	0	0	6:15	48	0	0	
6:30	56	0.00901	9.013	6:30	63	0.003	2.880	6:30	N/A	0	0	6:30	48	0	0	
6:45	56	0.00700	7.003	6:45	63	0.004	3.515	6:45	N/A	0	0	6:45	48	0	0	
7:00	56	0.00622	6.224	7:00	63	0.004	4.253	7:00	N/A	0	0	7:00	48	0	0	
7:15	56	0.00636	6.359	7:15	63	0.005	5.077	7:15	N/A	0	0	7:15	48	0	0	
7:30	56	0.00717	7.167	7:30	63	0.006	5.520	7:30	N/A	0.0007806	0.7805872	7:30	48	0	0	
7:45	56	0.00713	7.132	7:45	63	0.006	5.853	7:45	N/A	0.001148	1.1479925	7:45	48	0	0	
8:00	56	0.00731	7.312	8:00	63	0.006	6.230	8:00	N/A	0	0	8:00	48	0	0	
8:15	56	0.00779	7.789	8:15	63	0.006	5.940	8:15	N/A	0	0	8:15	48	0	0	
8:30	56	0.00966	9.657	8:30	63	0.007	7.113	8:30	N/A	0	0	8:30	48	0	0	
8:45	56	0.01109	11.091	8:45	63	0.009	9.118	8:45	N/A	0	0	8:45	48	0	0	
9:00	56	0.01156	11.562	9:00	63	0.009	9.132	9:00	N/A	0	0	9:00	48	3.682E-05	0.0368165	
9:15	56	0.01072	10.718	9:15	63	0.009	8.785	9:15	N/A	0	0	9:15	48	0.000732	0.7319853	
9:30	56	0.01001	10.006	9:30	63	0.009	8.888	9:30	N/A	0	0	9:30	48	0.0017886	1.7885516	
9:45	56	0.01058	10.578	9:45	63	0.009	9.038	9:45	N/A	0	0	9:45	48	0.0037878	3.787824	
10:00	56	0.01029	10.285	10:00	63	0.008	8.341	10:00	N/A	0	0	10:00	48	0.0048968	4.8967612	
10:15	56	0.01086	10.862	10:15	63	0.009	8.917	10:15	N/A	0	0	10:15	48	0.0066493	6.6492989	
10:30	56	0.01049	10.487	10:30	63	0.010	9.580	10:30	N/A	0	0	10:30	48	0.0085061	8.5060606	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.19	0	0	0	0.43
04	0.26	0	0	0	0.48

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)																
6/8/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/8/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/8/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/8/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.00699	6.993	0:00	63	0.011	10.731	0:00	N/A	0	0	0:00	48	0.0132717	13.271706	
0:15	56	0.00609	6.092	0:15	63	0.009	9.145	0:15	N/A	0	0	0:15	48	0.013699	13.698988	
0:30	56	0.00255	2.551	0:30	63	0.004	4.151	0:30	N/A	0	0	0:30	48	0.0097255	9.7254548	
0:45	56	0.00066	0.659	0:45	63	0.002	1.583	0:45	N/A	0	0	0:45	48	0.0086366	8.6365772	
1:00	56	0.00189	1.894	1:00	63	0.003	2.706	1:00	N/A	0	0	1:00	48	0.0124924	12.492429	
1:15	56	0.00274	2.737	1:15	63	0.005	5.236	1:15	N/A	0	0	1:15	48	0.0164337	16.433671	
1:30	56	0.00440	4.405	1:30	63	0.008	7.572	1:30	N/A	0	0	1:30	48	0.0175207	17.520715	
1:45	56	0.00498	4.985	1:45	63	0.007	7.339	1:45	N/A	0	0	1:45	48	0.0163665	16.366462	
2:00	56	0.00410	4.098	2:00	63	0.006	5.615	2:00	N/A	0	0	2:00	48	0.0163077	16.307712	
2:15	56	0.00422	4.218	2:15	63	0.004	4.454	2:15	N/A	0	0	2:15	48	0.0214032	21.403208	
2:30	56	0.02606	26.058	2:30	63	0.004	3.981	2:30	N/A	0	0	2:30	48	0.0229548	22.9548	
2:45	56	0.04219	42.193	2:45	63	0.004	4.266	2:45	N/A	7.941E-05	0.0794124	2:45	48	0.0252441	25.244092	
3:00	56	0.00225	2.251	3:00	63	0.004	4.276	3:00	N/A	0.0005139	0.5139022	3:00	48	0.0270921	27.092138	
3:15	56	0.00605	6.053	3:15	63	0.004	4.337	3:15	N/A	0.0006231	0.6230735	3:15	48	0.027528	27.528007	
3:30	56	0.00570	5.703	3:30	63	0.005	4.873	3:30	N/A	0	0	3:30	48	0.0287522	28.75221	
3:45	56	0.00501	5.008	3:45	63	0.004	4.251	3:45	N/A	0	0	3:45	48	0.0312514	31.251382	
4:00	56	0.00506	5.062	4:00	63	0.004	3.537	4:00	N/A	0.000194	0.1940121	4:00	48	0.0289435	28.943465	
4:15	56	0.00561	5.608	4:15	63	0.004	4.003	4:15	N/A	0.0008246	0.8246393	4:15	48	0.0290691	29.069098	
4:30	56	0.00617	6.166	4:30	63	0.004	3.950	4:30	N/A	0	0	4:30	48	0.0295613	29.56127	
4:45	56	0.00449	4.491	4:45	63	0.004	4.243	4:45	N/A	0	0	4:45	48	0.0305404	30.540407	
5:00	56	0.00603	6.026	5:00	63	0.004	4.362	5:00	N/A	0	0	5:00	48	0.0313065	31.306538	
5:15	56	0.00565	5.655	5:15	63	0.004	4.243	5:15	N/A	2.8E-05	0.0279961	5:15	48	0.0329939	32.993902	
5:30	56	0.00543	5.431	5:30	63	0.004	4.347	5:30	N/A	9.418E-05	0.0941772	5:30	48	0.0332489	33.248911	
5:45	56	0.00611	6.111	5:45	63	0.005	5.474	5:45	N/A	0	0	5:45	48	0.0348592	34.859246	
6:00	56	0.00676	6.764	6:00	63	0.006	5.950	6:00	N/A	0	0	6:00	48	0.0352802	35.2802	
6:15	56	0.00633	6.328	6:15	63	0.006	6.287	6:15	N/A	0	0	6:15	48	0.0359596	35.959597	
6:30	56	0.00694	6.938	6:30	63	0.007	6.580	6:30	N/A	0	0	6:30	48	0.0376865	37.686485	
6:45	56	0.00610	6.105	6:45	63	0.007	7.123	6:45	N/A	0	0	6:45	48	0.0388935	38.893463	
7:00	56	0.00450	4.504	7:00	63	0.007	7.085	7:00	N/A	0	0	7:00	48	0.042529	42.528997	
7:15	56	0.00384	3.841	7:15	63	0.007	6.657	7:15	N/A	0	0	7:15	48	0.0471083	47.108303	
7:30	56	0.00405	4.051	7:30	63	0.006	6.398	7:30	N/A	0	0	7:20	48	0.0495732	49.573205	* See Field Investigation below

21:00	56	0.00848	8.478	21:00	63	0.010	9.725	21:00	N/A	0	0	15:00	48	0.0092495	9.2494525	
21:15	56	0.01045	10.453	21:15	63	0.011	11.333	21:15	N/A	0	0	15:15	48	0.0064665	6.4664687	
21:30	56	0.01022	10.221	21:30	63	0.012	12.212	21:30	N/A	0	0	15:30	48	0.0054637	5.4636584	
21:45	56	0.01013	10.127	21:45	63	0.011	10.525	21:45	N/A	5.58E-05	0.055798	15:45	48	0.0077219	7.7219226	
22:00	56	0.00795	7.950	22:00	63	0.009	9.338	22:00	N/A	0.0012886	1.2886042	16:00	48	0.0078257	7.8257416	
22:15	56	0.01147	11.472	22:15	63	0.009	9.016	22:15	N/A	0.0019932	1.9932361	16:15	48	0.0068001	6.800142	
22:30	56	0.01207	12.073	22:30	63	0.010	10.113	22:30	N/A	0.0021818	2.1817539	16:30	48	0.0054307	5.4307201	
22:45	56	0.01022	10.217	22:45	63	0.011	10.955	22:45	N/A	0.0040734	4.0733834	16:45	48	0.0050769	5.0769353	
23:00	56	0.01095	10.952	23:00	63	0.011	10.953	23:00	N/A	0.0091462	9.146182	17:00	48	0.0044988	4.4988183	
23:15	56	0.00891	8.911	23:15	63	0.009	9.338	23:15	N/A	0.0073406	7.3405519	17:15	48	0.0035917	3.5917239	
23:30	56	0.00899	8.987	23:30	63	0.009	9.384	23:30	N/A	0.0040267	4.0266939	17:30	48	0.0031156	3.115588	
23:45	56	0.20061	200.610	23:45	63	0.011	10.990	23:45	N/A	0.0025631	2.5630716	17:45	48	0.0039976	3.997641	
23:50	56	0.16842	168.41685									18:00	49	0.0032994	3.2994081	
23:55	56	0.11773	117.73348									18:15	50	0.0056387	5.6387392	
												18:30	51	0.0070615	7.0615216	
												18:45	52	0.0071683	7.1683451	
												19:00	53	0.0087679	8.7678711	
												19:15	54	0.0085976	8.5976092	
												19:30	55	0.007559	7.5589857	
												19:45	56	0.0067007	6.7006797	
												20:00	57	0.0059559	5.9559273	
												20:15	58	0.0048323	4.8323347	
												20:30	59	0.0035248	3.5248223	
												20:45	60	0.0035252	3.5251994	
												21:00	61	0.0040335	4.0335406	
												21:15	62	0.003605	3.6050203	
												21:30	63	0.0026438	2.6438365	
												21:45	64	0.0016232	1.6231983	
												22:00	65	0.0007636	0.7635892	
												22:15	66	0.0006007	0.6007457	
												22:30	67	0.0009481	0.9481213	
												22:45	68	0.0013759	1.3759236	
												23:00	69	0.0017024	1.7023852	
												23:15	70	0.0014297	1.4297398	
												23:30	71	0.0009136	0.9136338	
												23:45	72	0.0015923	1.5923017	

* 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)

6/9/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/9/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/9/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/9/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.02176	21.756	0:00	63	0.011	11.311	0:00	N/A	0.0031173	3.1172644	0:00	48	0.0019555	1.9554617	
0:15	56	0.02034	20.336	0:15	63	0.011	11.482	0:15	N/A	0.0057034	5.7033599	0:15	48	0.0015009	1.5009408	
0:30	56	0.01043	10.425	0:30	63	0.012	11.502	0:30	N/A	0.0052277	5.227684	0:30	48	0.0017345	1.7345219	
0:45	56	0.00918	9.184	0:45	63	0.012	11.949	0:45	N/A	0.004503	4.5030326	0:45	48	0.0016297	1.6296606	
1:00	56	0.01294	12.938	1:00	63	0.011	11.302	1:00	N/A	0.0051507	5.1507447	1:00	48	0.0009073	0.9073097	
1:15	56	0.01142	11.417	1:15	63	0.012	11.717	1:15	N/A	0.0070848	7.0847838	1:15	48	0.0009184	0.9183911	
1:30	56	0.01034	10.336	1:30	63	0.012	11.598	1:30	N/A	0.0093606	9.3606184	1:30	48	0.0014903	1.4903193	
1:45	56	0.01232	12.320	1:45	63	0.011	11.490	1:45	N/A	0.0064307	6.4306655	1:45	48	0.0014883	1.4882864	
2:00	56	0.01082	10.821	2:00	63	0.011	11.359	2:00	N/A	0.0063324	6.3323663	2:00	48	0.0013279	1.3278806	
2:15	56	0.01250	12.501	2:15	63	0.011	11.313	2:15	N/A	0.0071314	7.1314265	2:15	48	0.0013207	1.320678	
2:30	56	0.00922	9.222	2:30	63	0.010	10.466	2:30	N/A	0.0063115	6.3115043	2:30	48	0.0016105	1.61049	
2:45	56	0.00739	7.393	2:45	63	0.009	9.410	2:45	N/A	0.0060712	6.0712185	2:45	48	0.0021046	2.1046466	
3:00	56	0.00724	7.242	3:00	63	0.009	9.097	3:00	N/A	0.0057679	5.7679307	3:00	48	0.0022816	2.2815765	
3:15	56	0.00976	9.757	3:15	63	0.009	9.142	3:15	N/A	0.0053301	5.3301198	3:15	48	0.0036874	3.6874484	
3:30	56	0.01084	10.836	3:30	63	0.010	9.847	3:30	N/A	0.0068778	6.8777504	3:30	48	0.000814	0.8139675	
3:45	56	0.01138	11.379	3:45	63	0.010	10.207	3:45	N/A	0.0089616	8.9615824	3:45	48	0.0009232	0.923159	
4:00	56	0.01164	11.638	4:00	63	0.011	11.100	4:00	N/A	0.0089471	8.9471439	4:00	48	0.0015886	1.5886097	
4:15	56	0.01273	12.729	4:15	63	0.012	11.979	4:15	N/A	0.0083314	8.3313966	4:15	48	0.0018367	1.8366851	
4:30	56	0.01285	12.848	4:30	63	0.013	13.116	4:30	N/A	0.0086617	8.6617441	4:30	48	0.0032632	3.2631664	
4:45	56	0.01313	13.126	4:45	63	0.014	13.980	4:45	N/A	0.0082032	8.2031571	4:45	48	0.0014054	1.4053848	
5:00	56	0.03261	32.613	5:00	63	0.014	14.300	5:00	N/A	0.0084979	8.4979219	5:00	48	0.0020888	2.0887657	
5:15	56	0.01829	18.293	5:15	63	0.014	13.810	5:15	N/A	0.006264	6.2640295	5:15	48	0.0018151	1.8151479	
5:30	56	0.01351	13.509	5:30	63	0.013	13.045	5:30	N/A	0.0043624	4.3624334	5:30	48	0.0009039	0.9039221	
5:45	56	0.01539	15.393	5:45	63	0.013	13.088	5:45	N/A	0.0053828	5.3828216	5:45	48	0.0014684	1.4683613	
6:00	56	0.01177	11.771	6:00	63	0.013	12.844	6:00	N/A	0.0091196	9.1196223	6:00	48	0.0011718	1.1718429	
6:15	56	0.00966	9.658	6:15	63	0.012	12.329	6:15	N/A	0.0040224	4.0224046	6:15	48	0.0013981	1.3980663	
6:30	56	0.00924	9.235	6:30	63	0.013	12.636	6:30	N/A	0.0033398	3.3397776	6:30	48	0.000738	0.7379529	
6:45	56	0.00997	9.973	6:45	63	0.013	13.062	6:45	N/A	0.0036631	3.6631157	6:45	48	0.001194	1.1940275	
7:00	56	0.01014	10.140	7:00	63	0.014	13.756	7:00	N/A	0.0036145	3.6145327	7:00	48	0.0026053	2.6052668	
7:15	56	0.01056	10.563	7:15	63	0.014	14.315	7:15	N/A	0.0038707	3.8706929	7:15	48	0.0019197	1.9197318	
7:30	56	0.01038	10.376	7:30	63	0.015	14.826	7:30	N/A	0.0031106	3.1106027	7:30	48	0.0037777	3.7776741	
7:45	56	0.01111	11.108	7:45	63	0.016	16.059	7:45	N/A	0.0042869	4.2868759	7:45	48	0.0040158	4.0157615	
8:00	56	0.01149	11.490	8:00	63	0.016	15.977	8:00	N/A	0.0042577	4.2577372	8:00	48	0.0019763	1.9763395	
8:15	56	0.01014	10.139	8:15	63	0.015	14.563	8:15	N/A	0.0038223	3.8223128	8:15	48	0.0017764	1.776381	
8:30	56	0.00936	9.364	8:30	63	0.013	13.461	8:30	N/A	0.0016652	1.6651969	8:30	48	6.195E-05	0.0619473	
8:45	56	0.01019	10.189	8:45	63	0.014	13.711	8:45	N/A	0.0005656	0.5656283	8:45	48	0.0003412	0.3411592	
9:00	56	0.01099	10.990	9:00	63	0.014	14.437	9:00	N/A	1.252E-05	0.0125194	9:00	48	0.0002554	0.2553777	
9:15	56	0.01038	10.381	9:15	63	0.015	14.740	9:15	N/A	0.0015021	1.5020526	9:15	48	3.602E-05	0.0360199	
9:30	56	0.00944	9.443	9:30	63	0.015	14.649	9:30	N/A	0.0027929	2.7928792	9:30	48	0	0	
9:45	56	0.00800	8.000	9:45	63	0.014	13.826	9:45	N/A	0.0034511	3.4510581	9:45	48	0	0	
10:00	56	0.00805	8.054	10:00	63	0.013	13.082	10:00	N/A	0.0035402	3.5402237	10:00	48	0	0	
10:15	56	0.00913	9.127	10:15	63	0.014	14.158	10:15	N/A	0.0026552	2.6551847	10:15	48	0	0	
10:30	56	0.00970	9.698	10:30	63	0.015	14.632	10:30	N/A	0.0032819	3.2819455	10:30	48	0	0	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.46	0	0	0	1.1
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)																
6/10/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/10/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/10/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/10/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.00995	9.953	0:00	63	0.013	12.744	0:00	N/A	0.0060255	6.0254633	0:00	48	0	0	
0:15	56	0.01116	11.161	0:15	63	0.013	13.128	0:15	N/A	0.0038597	3.8597291	0:15	48	0	0	
0:30	56	0.01172	11.717	0:30	63	0.013	12.556	0:30	N/A	0.0029672	2.9672033	0:30	48	0	0	
0:45	56	0.01244	12.441	0:45	63	0.013	13.077	0:45	N/A	0.0028086	2.8086365	0:45	48	0	0	
1:00	56	0.01463	14.634	1:00	63	0.013	13.486	1:00	N/A	0.0035672	3.5671661	1:00	48	0	0	
1:15	56	0.01110	11.098	1:15	63	0.014	14.120	1:15	N/A	0.0044902	4.490217	1:15	48	0	0	
1:30	56	0.01122	11.217	1:30	63	0.014	13.909	1:30	N/A	0.0028581	2.8581297	1:30	48	0	0	
1:45	56	0.01484	14.835	1:45	63	0.013	13.318	1:45	N/A	0.0022228	2.2280101	1:45	48	0	0	
2:00	56	0.01605	16.051	2:00	63	0.014	13.535	2:00	N/A	0.0031442	3.1441596	2:00	48	0	0	
2:15	56	0.01474	14.736	2:15	63	0.014	13.836	2:15	N/A	0.0034768	3.4767578	2:15	48	0	0	
2:30	56	0.01289	12.888	2:30	63	0.014	13.943	2:30	N/A	0.0021372	2.1371679	2:30	48	0	0	
2:45	56	0.01411	14.110	2:45	63	0.014	14.442	2:45	N/A	0.0011932	1.1931945	2:45	48	7.119E-05	0.0711887	
3:00	56	0.01427	14.274	3:00	63	0.015	15.296	3:00	N/A	0.0024081	2.4081416	3:00	48	7.738E-05	0.0773813	
3:15	56	0.01373	13.734	3:15	63	0.015	15.315	3:15	N/A	0.0032086	3.2086485	3:15	48	0.0004208	0.4207902	
3:30	56	0.01425	14.249	3:30	63	0.018	17.805	3:30	N/A	0.0033023	3.3022631	3:30	48	0.0004025	0.4025047	
3:45	56	0.01536	15.364	3:45	63	0.020	19.667	3:45	N/A	0.0031282	3.1282295	3:45	48	0	0	
4:00	56	0.01691	16.910	4:00	63	0.022	21.674	4:00	N/A	0.0041954	4.195441	4:00	48	0	0	
4:15	56	0.01723	17.230	4:15	63	0.023	23.214	4:15	N/A	0.005067	5.0669836	4:15	48	0	0	
4:30	56	0.01772	17.716	4:30	63	0.024	23.960	4:30	N/A	0.0060794	6.0794178	4:30	48	7.209E-05	0.0720903	
4:45	56	0.01837	18.367	4:45	63	0.022	22.125	4:45	N/A	0.0061924	6.1924427	4:45	48	9.012E-05	0.0901175	
5:00	56	0.01759	17.585	5:00	63	0.020	20.471	5:00	N/A	0.006534	6.5340153	5:00	48	0	0	
5:15	56	0.01719	17.188	5:15	63	0.019	19.054	5:15	N/A	0.0062867	6.2867401	5:15	48	0	0	
5:30	56	0.01789	17.888	5:30	63	0.018	18.398	5:30	N/A	0.0058466	5.8466346	5:30	48	0.0002216	0.2215864	
5:45	56	0.01950	19.502	5:45	63	0.019	18.892	5:45	N/A	0.0055926	5.5925668	5:45	48	0.000277	0.2769968	
6:00	56	0.05354	53.539	6:00	63	0.018	17.697	6:00	N/A	0.004251	4.2510024	6:00	48	0	0	
6:15	56	0.03532	35.316	6:15	63	0.018	18.087	6:15	N/A	0.0033288	3.3287885	6:15	48	0.0003768	0.3767584	
6:30	56	0.01993	19.928	6:30	63	0.017	17.275	6:30	N/A	0.0051192	5.1192448	6:30	48	0.0005316	0.5316192	
6:45	56	0.00078	0.781	6:45	63	0.019	18.798	6:45	N/A	0.0055405	5.54046	6:45	48	6.821E-06	0.0068205	
6:50	56	0.26087	260.874	7:00	63	0.020	19.921	7:00	N/A	0.0032596	3.2596039	7:00	48	0.0048934	4.8933669	* See Field Investigation Below
6:55	56	0.01953	19.535	7:15	63	0.022	22.048	7:15	N/A	0.0020494	2.0493619	7:15	48	0.010041	10.041044	
7:00	56	0.00000	0.000	7:30	63	0.023	23.116	7:30	N/A	0.003583	3.583041	7:30	48	0.0004188	0.4187542	
7:05	56	0.00000	0.000	7:45	63	0.024	23.695	7:45	N/A	0.0064346	6.4345876	7:45	48	0.0007041	0.7041123	
7:10	56	0.00000	0.000	8:00	63	0.019	19.071	8:00	N/A	0.0094314	9.4313729	8:00	48	0.001284	1.284036	

20:30	56	0.00000	0.000	21:30	63	0.020	20.395	21:30	N/A	0.0182535	18.253507	21:30	48	0.0140885	14.088489	
20:45	56	0.00000	0.000	21:45	63	0.020	20.275	21:45	N/A	0.0190205	19.020458	21:45	48	0.0093975	9.3974907	
21:00	56	0.00000	0.000	22:00	63	0.020	20.365	22:00	N/A	0.0169804	16.980361	22:00	48	0.0052658	5.2658495	
21:15	56	0.00000	0.000	22:15	63	0.021	20.641	22:15	N/A	0.0154811	15.481111	22:15	48	0.0015387	1.5386973	
21:30	56	0.00000	0.000	22:30	63	0.021	20.707	22:30	N/A	0.015887	15.886982	22:30	48	0.001147	1.1470007	
21:45	56	0.00000	0.000	22:45	63	0.021	20.769	22:45	N/A	0.0171085	17.108455	22:45	48	0.0008238	0.8238318	
22:00	56	0.00000	0.000	23:00	63	0.022	21.624	23:00	N/A	0.0181186	18.118558	23:00	48	0.0015877	1.587743	
22:15	56	0.04791	47.907	23:15	63	0.022	21.760	23:15	N/A	0.0172014	17.201438	23:15	48	0.001003	1.0030146	
22:30	56	0.01151	11.512	23:30	63	0.021	21.047	23:30	N/A	0.0152228	15.222815	23:30	48	0.0008061	0.8061052	
22:35	56	0.00995	9.950	23:45	63	0.021	20.730	23:45	N/A	0.0142374	14.237422	23:45	48	0.0007362	0.7361788	
22:40	56	0.13633	136.33021													* See Field Investigation Below
22:45	56	0.27646	276.45755													* See Field Investigation Below
22:50	56	0.07575	75.747893													* See Field Investigation Below
22:55	56	0.00000	0													
23:00	56	0.00000	0													
23:05	56	0.25253	252.52612													* See Field Investigation Below
23:10	56	0.09759	97.589894													* See Field Investigation Below
23:15	56	0.00000	0													
23:20	56	0.18658	186.58375													* See Field Investigation Below
23:25	56	0.35115	351.14686													* See Field Investigation Below
23:30	56	0.16436	164.36127													* See Field Investigation Below
23:35	56	0.29517	295.16843													* See Field Investigation Below
23:40	56	0.10770	107.7048													* See Field Investigation Below
23:45	56	0.00000	0													
23:50	56	0.28960	289.60211													* See Field Investigation Below
23:55	56	0.18463	184.63372													* 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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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.46	0	0	0	1.1
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)

6/11/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/11/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/11/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/11/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.05564	55.638	0:00	63	0.021	21.130	0:00	N/A	0.0141711	14.171066	0:00	48	0.0007271	0.7270773	
0:15	56	0.00000	0.000	0:15	63	0.022	21.621	0:15	N/A	0.0154199	15.419906	0:15	48	0.0001621	0.162086	
0:30	56	0.00000	0.000	0:30	63	0.021	21.081	0:30	N/A	0.0167594	16.759386	0:30	48	0.010303	10.303002	
0:35	56	0.14510	145.100	0:45	63	0.022	22.007	0:45	N/A	0.0160415	16.041455	0:45	48	0.0092326	9.2325986	* See Field Investigation Below
0:40	56	0.29061	290.609	1:00	63	0.023	22.777	1:00	N/A	0.0143784	14.378402	1:00	48	0.0022052	2.2051907	* See Field Investigation Below
0:45	56	0.22486	224.862	1:15	63	0.023	23.014	1:15	N/A	0.0167686	16.768635	1:15	48	0.0003163	0.3163067	* See Field Investigation Below
0:50	56	0.19698	196.985	1:30	63	0.023	23.470	1:30	N/A	0.0158568	15.856675	1:30	48	0.0001421	0.1421228	* See Field Investigation Below
0:55	56	0.00000	0.000	1:45	63	0.023	23.037	1:45	N/A	0.011481	11.480999	1:45	48	6.967E-05	0.0696687	* See Field Investigation Below
1:00	56	0.00000	0.000	2:00	63	0.024	24.094	2:00	N/A	0.012997	12.997021	2:00	48	3.072E-05	0.0307212	
1:05	56	0.00000	0.000	2:15	63	0.025	25.351	2:15	N/A	0.0159964	15.996449	2:15	48	0.0377034	37.703432	
1:10	56	0.00000	0.000	2:30	63	0.026	25.504	2:30	N/A	0.0154368	15.436785	2:30	48	0.0169036	16.903565	
1:15	56	0.20605	206.049	2:45	63	0.025	25.447	2:45	N/A	0.0128495	12.84948	2:45	48	0	0	* See Field Investigation Below
1:20	56	0.38837	388.369	3:00	63	0.026	26.265	3:00	N/A	0.0098784	9.8784457	3:00	48	0	0	* See Field Investigation Below
1:25	56	0.26146	261.462	3:15	63	0.026	26.261	3:15	N/A	0.0076262	7.6262111	3:15	48	0	0	* See Field Investigation Below
1:30	56	0.14486	144.859	3:30	63	0.026	26.483	3:30	N/A	0.0064129	6.4128539	3:30	48	0	0	* See Field Investigation Below
1:35	56	0.28994	289.939	3:45	63	0.027	26.739	3:45	N/A	0.0058607	5.8606833	3:45	48	0	0	* See Field Investigation Below
1:40	56	0.00000	0.000	4:00	63	0.026	25.952	4:00	N/A	0.0071927	7.1927489	4:00	48	0	0	
1:45	56	0.00000	0.000	4:15	63	0.026	26.001	4:15	N/A	0.0107249	10.724899	4:15	48	0	0	
1:50	56	0.00000	0.000	4:30	63	0.026	25.609	4:30	N/A	0.015537	15.536968	4:30	48	0	0	
1:55	56	0.00000	0.000	4:45	63	0.024	24.383	4:45	N/A	0.0160837	16.083673	4:45	48	0	0	
2:00	56	0.21731	217.307	5:00	63	0.025	24.502	5:00	N/A	0.0121194	12.119414	5:00	48	0	0	* See Field Investigation Below
2:05	56	0.19041	190.409	5:15	63	0.025	24.932	5:15	N/A	0.0088392	8.8392316	5:15	48	0	0	* See Field Investigation Below
2:10	56	0.22360	223.600	5:30	63	0.024	24.321	5:30	N/A	0.0081839	8.1839033	5:30	48	0	0	* See Field Investigation Below
2:15	56	0.19608	196.077	5:45	63	0.026	25.565	5:45	N/A	0.0078955	7.8954675	5:45	48	0	0	* See Field Investigation Below
2:20	56	0.00000	0.000	6:00	63	0.025	25.143	6:00	N/A	0.0073332	7.3332328	6:00	48	0	0	
2:25	56	0.00000	0.000	6:15	63	0.025	25.283	6:15	N/A	0.0070479	7.0478721	6:15	48	0	0	
2:30	56	0.12510	125.103	6:30	63	0.026	25.675	6:30	N/A	0.0077305	7.7305067	6:30	48	0	0	* See Field Investigation Below
2:35	56	0.25031	250.313	6:45	63	0.027	26.739	6:45	N/A	0.0106325	10.632549	6:45	48	0	0	* See Field Investigation Below
2:40	56	0.19734	197.337	7:00	63	0.031	30.694	7:00	N/A	0.0146962	14.696221	7:00	48	0	0	* See Field Investigation Below
2:45	56	0.38860	388.599	7:15	63	0.032	32.436	7:15	N/A	0.0198299	19.829937	7:15	48	0	0	* See Field Investigation Below
2:50	56	0.41311	413.115	7:30	63	0.033	32.653	7:30	N/A	0.021845	21.845027	7:30	48	0	0	* See Field Investigation Below
2:55	56	0.41523	415.226	7:45	63	0.033	32.676	7:45	N/A	0.0166642	16.664225	7:45	48	0	0	* See Field Investigation Below
3:00	56	0.27002	270.024	8:00	63	0.033	32.871	8:00	N/A	0.0129934	12.993413	8:00	48	0	0	* See Field Investigation Below

23:45	56	0.04486	44.861234
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* 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)

6/12/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/12/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/12/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/12/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.04340	43.402	0:00	63	0.041	40.850	0:00	N/A	0.0195514	19.551406	0:00	48	8.771E-05	0.0877128	
0:15	56	0.04189	41.891	0:15	63	0.041	41.214	0:15	N/A	0.0196888	19.688784	0:15	48	0.0012503	1.2502895	
0:20	56	0.13950	139.496	0:30	63	0.041	40.853	0:30	N/A	0.0200004	20.000448	0:30	48	0.0001287	0.1286531	* See Field Investigation Below
0:25	56	0.04667	46.665	0:45	63	0.041	41.091	0:45	N/A	0.0197382	19.73817	0:45	48	0.0014153	1.4153285	
0:30	56	0.01125	11.251	1:00	63	0.041	41.074	1:00	N/A	0.0195502	19.550236	1:00	48	0.1568263	156.82632	* See Field Investigation Below
0:45	56	0.00000	0.000	1:15	63	0.041	41.079	1:15	N/A	0.0199254	19.925412	1:05	48	0.0116143	11.614345	
1:00	56	0.00000	0.000	1:30	63	0.041	41.374	1:30	N/A	0.0202969	20.296933	1:10	48	0.0234507	23.450702	
1:15	56	0.00000	0.000	1:45	63	0.041	41.250	1:45	N/A	0.0208216	20.821587	1:15	48	0.009809	9.8090361	
1:30	56	0.00000	0.000	2:00	63	0.041	41.277	2:00	N/A	0.020986	20.986003	1:30	48	0.0029701	2.9701029	
1:45	56	0.00000	0.000	2:15	63	0.042	41.873	2:15	N/A	0.021127	21.126971	1:45	48	0.0022803	2.2802962	
2:00	56	0.00000	0.000	2:30	63	0.041	41.304	2:30	N/A	0.0207041	20.704062	2:00	48	0.0002014	0.2013523	
2:15	56	0.00000	0.000	2:45	63	0.041	41.260	2:45	N/A	0.0210837	21.083678	2:15	48	0.0019793	1.9792854	
2:30	56	0.00000	0.000	3:00	63	0.041	40.676	3:00	N/A	0.0210331	21.033144	2:30	48	0.0003379	0.3379354	
2:45	56	0.00000	0.000	3:15	63	0.041	41.009	3:15	N/A	0.0216145	21.614524	2:45	48	0.0015996	1.5995711	
3:00	56	0.00000	0.000	3:30	63	0.041	40.650	3:30	N/A	0.0236259	23.625893	3:00	48	0.0004154	0.4153622	
3:15	56	0.00000	0.000	3:45	63	0.040	40.371	3:45	N/A	0.0241639	24.163872	3:15	48	0.0008386	0.8386114	
3:30	56	0.00000	0.000	4:00	63	0.041	41.188	4:00	N/A	0.0231613	23.161337	3:30	48	0.0008415	0.8415265	
3:45	56	0.00000	0.000	4:15	63	0.042	41.567	4:15	N/A	0.0228892	22.889224	3:45	48	0.0003278	0.3277592	
4:00	56	0.00000	0.000	4:30	63	0.042	41.755	4:30	N/A	0.0242193	24.219256	4:00	48	3.654E-05	0.0365362	
4:15	56	0.00000	0.000	4:45	63	0.040	40.224	4:45	N/A	0.0248206	24.820614	4:15	48	0.0021474	2.1473548	
4:30	56	0.00000	0.000	5:00	63	0.029	28.523	5:00	N/A	0.0222494	22.24936	4:30	48	0.001139	1.1390037	
4:45	56	0.00000	0.000	5:15	63	0.042	41.914	5:15	N/A	0.0219639	21.963851	4:45	48	0.0011853	1.1853464	
5:00	56	0.00000	0.000	5:30	63	0.042	41.923	5:30	N/A	0.0215471	21.547131	5:00	48	0.0028946	2.8946122	
5:15	56	0.00000	0.000	5:45	63	0.041	41.248	5:45	N/A	0.0209835	20.983453	5:15	48	0.0008089	0.8088826	
5:30	56	0.00000	0.000	6:00	63	0.042	41.624	6:00	N/A	0.0215085	21.508499	5:30	48	2.798E-05	0.0279798	
5:45	56	0.00000	0.000	6:15	63	0.042	41.772	6:15	N/A	0.0218378	21.837789	5:45	48	0.0004309	0.430946	
6:00	56	0.00000	0.000	6:30	63	0.042	42.171	6:30	N/A	0.0214366	21.436646	6:00	48	0.0012279	1.2279468	
6:15	56	0.00000	0.000	6:45	63	0.042	42.017	6:45	N/A	0.0213711	21.371066	6:15	48	0.0003157	0.3156741	
6:30	56	0.00000	0.000	7:00	63	0.042	42.197	7:00	N/A	0.0213281	21.328095	6:30	48	0.0013772	1.377219	
6:45	56	0.00000	0.000	7:15	63	0.042	42.391	7:15	N/A	0.0212021	21.202084	6:45	48	0.0005139	0.5138911	
7:00	56	0.00000	0.000	7:30	63	0.042	42.253	7:30	N/A	0.0218475	21.847461	7:00	48	0.0009179	0.9178514	
7:15	56	0.00000	0.000	7:45	63	0.043	42.709	7:45	N/A	0.0227775	22.777471	7:15	48	0.001196	1.1959814	
7:30	56	0.00000	0.000	8:00	63	0.043	42.663	8:00	N/A	0.0224759	22.475892	7:30	48	0.001153	1.1529737	
7:45	56	0.00000	0.000	8:15	63	0.042	41.812	8:15	N/A	0.0224215	22.421506	7:45	48	0.0005833	0.5832632	
8:00	56	0.00000	0.000	8:30	63	0.042	41.927	8:30	N/A	0.0224438	22.443787	8:00	48	0.0001048	0.1048482	
8:15	56	0.00000	0.000	8:45	63	0.043	42.524	8:45	N/A	0.0234056	23.405625	8:15	48	0.0001878	0.1877861	
8:30	56	0.00000	0.000	9:00	63	0.043	42.556	9:00	N/A	0.0239577	23.957701	8:30	48	0.0006965	0.6964535	
8:45	56	0.00000	0.000	9:15	63	0.036	35.755	9:15	N/A	0.0224469	22.446882	8:45	48	0.0002487	0.2487454	
9:00	56	0.00000	0.000	9:30	63	0.023	23.340	9:30	N/A	0.018769	18.769001	9:00	48	0	0	
9:15	56	0.00000	0.000	9:45	63	0.022	21.822	9:45	N/A	0.0164554	16.455421	9:15	48	0	0	
9:30	56	0.00000	0.000	10:00	63	0.022	22.108	10:00	N/A	0.0146503	14.650318	9:30	48	0	0	
9:45	56	0.00000	0.000	10:15	63	0.023	23.053	10:15	N/A	0.0136917	13.691705	9:45	48	0	0	
10:00	56	0.00000	0.000	10:30	63	0.022	22.059	10:30	N/A	0.0132602	13.260185	10:00	48	0	0	

10:15	56	0.00000	0.000	10:45	63	0.023	23.314	10:45	N/A	0.0119932	11.993241	10:15	48	0	0
10:30	56	0.00000	0.000	11:00	63	0.023	23.014	11:00	N/A	0.010732	10.731981	10:30	48	0	0
10:45	56	0.00000	0.000	11:15	63	0.023	23.352	11:15	N/A	0.0096516	9.6515753	10:45	48	0	0
11:00	56	0.00000	0.000	11:30	63	0.024	23.732	11:30	N/A	0.0085921	8.5921494	11:00	48	0	0
11:15	56	0.00000	0.000	11:45	63	0.023	22.902	11:45	N/A	0.0080471	8.0470884	11:15	48	0	0
11:30	56	0.00000	0.000	12:00	63	0.023	22.864	12:00	N/A	0.007262	7.2620176	11:30	48	0	0
11:45	56	0.00000	0.000	12:15	63	0.023	22.770	12:15	N/A	0.0064712	6.4712061	11:45	48	0	0
12:00	56	0.00000	0.000	12:30	63	0.023	22.780	12:30	N/A	0.0061658	6.1657966	12:00	48	0	0
12:15	56	0.00000	0.000	12:45	63	0.023	23.358	12:45	N/A	0.0055359	5.5359141	12:15	48	0	0
12:30	56	0.00000	0.000	13:00	63	0.024	23.755	13:00	N/A	0.0047599	4.7599385	12:30	48	0	0
12:45	56	0.00000	0.000	13:15	63	0.023	23.215	13:15	N/A	0.0050936	5.0936412	12:45	48	0	0
13:00	56	0.00000	0.000	13:30	63	0.022	22.434	13:30	N/A	0.0048124	4.8124244	13:00	48	0	0
13:15	56	0.00000	0.000	13:45	63	0.023	22.654	13:45	N/A	0.0050128	5.0128115	13:15	48	0	0
13:30	56	0.00000	0.000	14:00	63	0.024	23.612	14:00	N/A	0.0046111	4.6110728	13:30	48	0	0
13:45	56	0.00000	0.000	14:15	63	0.025	24.758	14:15	N/A	0.0044616	4.4615973	13:45	48	0	0
14:00	56	0.00000	0.000	14:30	63	0.023	23.285	14:30	N/A	0.0045456	4.5455994	14:00	48	0	0
14:15	56	0.00000	0.000	14:45	63	0.023	22.843	14:45	N/A	0.0046759	4.6758703	14:15	48	0	0
14:30	56	0.00000	0.000	15:00	63	0.023	22.759	15:00	N/A	0.0050318	5.0317676	14:30	48	0	0
14:45	56	0.00000	0.000	15:15	63	0.023	22.802	15:15	N/A	0.0042166	4.216567	14:45	48	0	0
15:00	56	0.00000	0.000	15:30	63	0.023	22.607	15:30	N/A	0.0046129	4.6128665	15:00	48	0	0
15:15	56	0.00000	0.000	15:45	63	0.023	22.890	15:45	N/A	0.0046298	4.6298153	15:15	48	0	0
15:30	56	0.00000	0.000	16:00	63	0.023	23.154	16:00	N/A	0.0041908	4.1907721	15:30	48	0	0
15:45	56	0.00000	0.000	16:15	63	0.023	22.865	16:15	N/A	0.0036514	3.6514324	15:45	48	0	0
16:00	56	0.00000	0.000	16:30	63	0.023	22.511	16:30	N/A	0.0029623	2.9622987	16:00	48	0	0
16:15	56	0.00000	0.000	16:45	63	0.023	23.002	16:45	N/A	0.0023487	2.3487456	16:15	48	0	0
16:30	56	0.00000	0.000	17:00	63	0.023	23.182	17:00	N/A	0.0023933	2.393297	16:30	48	0	0
16:45	56	0.00000	0.000	17:15	63	0.023	22.630	17:15	N/A	0.0030977	3.0977195	16:45	48	0	0
17:00	56	0.00000	0.000	17:30	63	0.023	22.582	17:30	N/A	0.0033641	3.3641486	17:00	48	0	0
17:15	56	0.00000	0.000	17:45	63	0.024	23.825	17:45	N/A	0.0028728	2.8728038	17:15	48	0	0
17:30	56	0.00000	0.000	18:00	63	0.025	24.609	18:00	N/A	0.0025439	2.5438724	17:30	48	0	0
17:45	56	0.00000	0.000	18:15	63	0.024	24.042	18:15	N/A	0.002766	2.7660135	17:45	48	0	0
18:00	56	0.00000	0.000	18:30	63	0.023	22.819	18:30	N/A	0.0031532	3.153211	18:00	48	0	0
18:15	56	0.00000	0.000	18:45	63	0.022	22.465	18:45	N/A	0.0025094	2.509362	18:15	48	0	0
18:30	56	0.00000	0.000	19:00	63	0.022	21.857	19:00	N/A	0.001986	1.9859811	18:30	48	0	0
18:45	56	0.00000	0.000	19:15	63	0.022	21.596	19:15	N/A	0.001981	1.9809687	18:45	48	0	0
19:00	56	0.00000	0.000	19:30	63	0.021	20.693	19:30	N/A	0.0026457	2.6457325	19:00	48	0	0
19:15	56	0.00000	0.000	19:45	63	0.020	20.457	19:45	N/A	0.0030323	3.032286	19:15	48	0	0
19:30	56	0.00000	0.000	20:00	63	0.021	20.882	20:00	N/A	0.0036599	3.6599131	19:30	48	0	0
19:45	56	0.00000	0.000	20:15	63	0.020	19.881	20:15	N/A	0.0044611	4.4610661	19:45	48	0	0
20:00	56	0.00000	0.000	20:30	63	0.019	19.348	20:30	N/A	0.0045059	4.5058721	20:00	48	0	0
20:15	56	0.00000	0.000	20:45	63	0.020	20.245	20:45	N/A	0.0049437	4.9437127	20:15	48	0	0
20:30	56	0.00000	0.000	21:00	63	0.023	23.382	21:00	N/A	0.006071	6.0710381	20:30	48	0	0
20:45	56	0.00000	0.000	21:15	63	0.024	24.109	21:15	N/A	0.0067902	6.7901515	20:45	48	0	0
21:00	56	0.00000	0.000	21:30	63	0.022	21.933	21:30	N/A	0.006877	6.877023	21:00	48	0	0
21:15	56	0.00000	0.000	21:45	63	0.022	22.295	21:45	N/A	0.007377	7.3769766	21:15	48	0	0
21:30	56	0.00000	0.000	22:00	63	0.024	24.305	22:00	N/A	0.007444	7.4439639	21:30	48	0	0
21:45	56	0.01089	10.892	22:15	63	0.026	25.842	22:15	N/A	0.0066354	6.6353927	21:45	48	0	0
22:00	56	0.03915	39.150	22:30	63	0.026	26.166	22:30	N/A	0.0060352	6.035165	22:00	48	0	0
22:15	56	0.02227	22.270	22:45	63	0.026	26.155	22:45	N/A	0.0050918	5.0918409	22:15	48	0	0
22:30	56	0.02177	21.767	23:00	63	0.027	26.810	23:00	N/A	0.0053156	5.315599	22:30	48	0.0001406	0.1405524
22:45	56	0.02218	22.183	23:15	63	0.026	26.485	23:15	N/A	0.0066613	6.6612982	22:45	48	0.0005112	0.5111615
23:00	56	0.02418	24.183	23:30	63	0.027	26.574	23:30	N/A	0.0071231	7.1231416	23:00	48	0	0
23:15	56	0.02280	22.801	23:45	63	0.027	26.785	23:45	N/A	0.0059006	5.9005548	23:15	48	0	0

23:30	56	0.02279	22.789034
23:45	56	0.02305	23.049457

23:30	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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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.2	0	0	0	0.37

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)																
6/13/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/13/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/13/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/13/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.02478	24.784	0:00	63	0.027	26.825	0:00	N/A	0.0052823	5.2823066	0:00	48	0	0	
0:15	56	0.02867	28.666	0:15	63	0.027	26.705	0:15	N/A	0.0051279	5.1279367	0:15	48	0	0	
0:30	56	0.04620	46.204	0:30	63	0.026	25.904	0:30	N/A	0.0051528	5.1527722	0:30	48	0	0	
0:45	56	0.06208	62.082	0:45	63	0.025	25.263	0:45	N/A	0.0052249	5.2248676	0:45	48	0	0	* See Field Investigation Below
0:50	56	0.12227	122.274	1:00	63	0.025	25.177	1:00	N/A	0.0055547	5.5546865	1:00	48	0	0	* See Field Investigation Below
0:55	56	0.06363	63.629	1:15	63	0.024	24.447	1:15	N/A	0.0047108	4.7107737	1:15	48	0	0	* See Field Investigation Below
1:00	56	0.02075	20.747	1:30	63	0.024	24.418	1:30	N/A	0.0056975	5.6974622	1:30	48	0	0	
1:15	56	0.01972	19.724	1:45	63	0.025	25.293	1:45	N/A	0.0088855	8.8855112	1:45	48	0	0	
1:30	56	0.01907	19.073	2:00	63	0.026	25.799	2:00	N/A	0.0077576	7.7576343	2:00	48	0	0	
1:45	56	0.01960	19.603	2:15	63	0.026	26.319	2:15	N/A	0.0049373	4.9372986	2:15	48	0	0	
2:00	56	0.01940	19.404	2:30	63	0.026	26.405	2:30	N/A	0.003815	3.8149913	2:30	48	0	0	
2:15	56	0.01982	19.823	2:45	63	0.026	26.099	2:45	N/A	0.0036253	3.6253388	2:45	48	0	0	
2:30	56	0.01948	19.482	3:00	63	0.026	25.997	3:00	N/A	0.0043728	4.3728122	3:00	48	0	0	
2:45	56	0.01911	19.113	3:15	63	0.026	25.758	3:15	N/A	0.0050004	5.0003775	3:15	48	0	0	
3:00	56	0.01935	19.345	3:30	63	0.026	25.579	3:30	N/A	0.0057672	5.7671755	3:30	48	0	0	
3:15	56	0.01892	18.918	3:45	63	0.025	25.217	3:45	N/A	0.0063645	6.3645075	3:45	48	0	0	
3:30	56	0.01828	18.276	4:00	63	0.024	24.007	4:00	N/A	0.005143	5.1430217	4:00	48	0	0	
3:45	56	0.01836	18.359	4:15	63	0.023	22.649	4:15	N/A	0.0036649	3.6649089	4:15	48	0	0	
4:00	56	0.01804	18.038	4:30	63	0.022	21.750	4:30	N/A	0.0022607	2.2607117	4:30	48	0	0	
4:15	56	0.01663	16.628	4:45	63	0.020	20.500	4:45	N/A	0.0010579	1.0579047	4:45	48	0	0	
4:30	56	0.01574	15.738	5:00	63	0.019	19.130	5:00	N/A	0.0005349	0.5348554	5:00	48	0	0	
4:45	56	0.01409	14.094	5:15	63	0.018	18.310	5:15	N/A	0	0	5:15	48	0	0	
5:00	56	0.01325	13.250	5:30	63	0.017	16.941	5:30	N/A	0	0	5:30	48	0	0	
5:15	56	0.01225	12.254	5:45	63	0.016	15.909	5:45	N/A	0	0	5:45	48	0	0	
5:30	56	0.01176	11.759	6:00	63	0.016	16.073	6:00	N/A	0	0	6:00	48	0	0	
5:45	56	0.01096	10.960	6:15	63	0.016	15.753	6:15	N/A	0	0	6:15	48	0	0	
6:00	56	0.01064	10.644	6:30	63	0.015	15.481	6:30	N/A	0	0	6:30	48	0	0	
6:15	56	0.00921	9.208	6:45	63	0.016	16.007	6:45	N/A	5.876E-05	0.0587618	6:45	48	0	0	
6:30	56	0.00938	9.384	7:00	63	0.016	15.564	7:00	N/A	0.0004411	0.4410736	7:00	48	0	0	
6:45	56	0.01030	10.304	7:15	63	0.016	16.227	7:15	N/A	2.874E-05	0.0287408	7:15	48	0	0	
7:00	56	0.00995	9.951	7:30	63	0.018	17.540	7:30	N/A	0	0	7:30	48	0	0	
7:15	56	0.00962	9.619	7:45	63	0.018	18.198	7:45	N/A	0	0	7:45	48	0	0	
7:30	56	0.01039	10.388	8:00	63	0.017	17.271	8:00	N/A	0	0	8:00	48	0	0	

7:45	56	0.01096	10.959	8:15	63	0.016	15.992	8:15	N/A	0	0	8:15	48	0	0	
8:00	56	0.01152	11.516	8:30	63	0.014	13.690	8:30	N/A	0	0	8:30	48	0	0	
8:15	56	0.00925	9.252	8:45	63	0.015	14.754	8:45	N/A	0	0	8:45	48	0	0	
8:30	56	0.00710	7.105	9:00	63	0.017	17.421	9:00	N/A	0	0	9:00	48	0	0	
8:45	56	0.00966	9.663	9:15	63	0.016	15.723	9:15	N/A	0	0	9:15	48	0	0	
9:00	56	0.01165	11.652	9:30	63	0.016	16.117	9:30	N/A	0	0	9:30	48	0.0032798	3.2797565	
9:15	56	0.01005	10.048	9:45	63	0.013	13.470	9:45	N/A	0	0	9:45	48	0.023824	23.824036	
9:30	56	0.01044	10.441	10:00	63	0.015	15.083	10:00	N/A	0	0	10:00	48	0.0316706	31.670599	
9:45	56	0.00825	8.248	10:15	63	0.016	16.464	10:15	N/A	0	0	10:15	48	0.0271855	27.185456	
10:00	56	0.01044	10.442	10:30	63	0.016	16.498	10:30	N/A	0	0	10:30	48	0.0208196	20.819553	
10:15	56	0.01135	11.353	10:45	63	0.016	15.801	10:45	N/A	0	0	10:45	48	0.0127836	12.783571	
10:30	56	0.01135	11.347	11:00	63	0.017	17.124	11:00	N/A	0	0	11:00	48	0.0123411	12.341135	
10:45	56	0.00738	7.383	11:15	63	0.015	14.779	11:15	N/A	0	0	11:15	48	0.0084302	8.4301891	
11:00	56	0.01105	11.046	11:30	63	0.016	16.338	11:30	N/A	0	0	11:30	48	0.0070441	7.0441276	
11:15	56	0.00730	7.302	11:45	63	0.012	11.537	11:45	N/A	0	0	11:45	48	0.0051469	5.1468975	
11:30	56	0.00807	8.070	12:00	63	0.011	10.903	12:00	N/A	0	0	12:00	48	0.003473	3.473048	
11:45	56	0.00478	4.781	12:15	63	0.012	12.337	12:15	N/A	0	0	12:15	48	0.0026519	2.651906	
12:00	56	0.00417	4.168	12:30	63	0.012	12.249	12:30	N/A	0	0	12:30	48	0.0019	1.8999968	
12:15	56	0.00437	4.368	12:45	63	0.012	11.949	12:45	N/A	0	0	12:45	48	0.0011452	1.1451902	
12:30	56	0.00388	3.879	13:00	63	0.012	11.661	13:00	N/A	0	0	13:00	48	0.0004103	0.4103425	
12:45	56	0.00362	3.619	13:15	63	0.012	12.318	13:15	N/A	0	0	13:15	48	5.325E-05	0.0532504	
13:00	56	0.00399	3.990	13:30	63	0.012	12.082	13:30	N/A	0	0	13:30	48	0	0	
13:15	56	0.00381	3.811	13:45	63	0.012	11.854	13:45	N/A	0	0	13:45	48	0	0	
13:30	56	0.00357	3.565	14:00	63	0.012	11.751	14:00	N/A	0	0	14:00	48	0	0	
13:45	56	0.00333	3.329	14:15	63	0.012	11.982	14:15	N/A	0	0	14:15	48	0	0	
14:00	56	0.00354	3.540	14:30	63	0.012	11.831	14:30	N/A	0	0	14:30	48	0	0	
14:15	56	0.00343	3.432	14:45	63	0.012	12.108	14:45	N/A	0	0	14:45	48	0	0	
14:30	56	0.00300	3.000	15:00	63	0.013	13.045	15:00	N/A	0	0	15:00	48	0	0	
14:45	56	0.00331	3.313	15:15	63	0.012	11.942	15:15	N/A	0	0	15:15	48	0	0	
15:00	56	0.00375	3.749	15:30	63	0.013	13.017	15:30	N/A	0	0	15:30	48	0	0	
15:15	56	0.00386	3.855	15:45	63	0.014	14.272	15:45	N/A	0	0	15:45	48	0	0	
15:30	56	0.00369	3.693	16:00	63	0.014	14.166	16:00	N/A	0	0	16:00	48	0	0	
15:45	56	0.00482	4.816	16:15	63	0.016	16.464	16:15	N/A	0	0	16:15	48	0	0	
16:00	56	0.00538	5.379	16:30	63	0.021	21.100	16:30	N/A	0.0001244	0.1243599	16:30	48	0	0	
16:15	56	0.00670	6.699	16:45	63	0.025	25.184	16:45	N/A	0.0028009	2.8009144	16:45	48	0	0	
16:30	56	0.00955	9.548	17:00	63	0.031	31.217	17:00	N/A	0.0048223	4.8223348	17:00	48	1.795E-05	0.0179479	
16:45	56	0.01214	12.144	17:15	63	0.033	33.188	17:15	N/A	0.0058108	5.8108116	17:15	48	0.0001971	0.1971174	
17:00	56	0.01732	17.317	17:30	63	0.034	34.314	17:30	N/A	0.0066024	6.6023914	17:30	48	0.0001978	0.1977573	
17:15	56	0.01948	19.479	17:45	63	0.034	33.725	17:45	N/A	0.007141	7.1409812	17:45	48	0	0	
17:30	56	0.01962	19.618	18:00	63	0.034	33.627	18:00	N/A	0.0064803	6.4802566	18:00	48	0	0	
17:45	56	0.01952	19.524	18:15	63	0.034	33.832	18:15	N/A	0.0069857	6.9857392	18:15	48	0	0	
18:00	56	0.01987	19.871	18:30	63	0.034	33.544	18:30	N/A	0.0068218	6.8218084	18:30	48	0	0	
18:15	56	0.02031	20.309	18:45	63	0.033	33.238	18:45	N/A	0.0063472	6.3471909	18:45	48	0	0	
18:30	56	0.02089	20.893	19:00	63	0.033	32.913	19:00	N/A	0.0061869	6.1868689	19:00	48	0	0	
18:45	56	0.02117	21.170	19:15	63	0.033	32.931	19:15	N/A	0.0061084	6.1083617	19:15	48	0	0	
19:00	56	0.02158	21.581	19:30	63	0.033	33.152	19:30	N/A	0.0058581	5.8581478	19:30	48	0	0	
19:15	56	0.02188	21.877	19:45	63	0.034	33.515	19:45	N/A	0.0059786	5.9785601	19:45	48	0	0	
19:30	56	0.02189	21.887	20:00	63	0.033	33.408	20:00	N/A	0.0070574	7.0574249	20:00	48	0	0	
19:45	56	0.02114	21.140	20:15	63	0.033	33.168	20:15	N/A	0.0068344	6.8344009	20:15	48	0	0	
20:00	56	0.02096	20.956	20:30	63	0.033	32.825	20:30	N/A	0.0060519	6.0518953	20:30	48	0	0	
20:15	56	0.02080	20.801	20:45	63	0.033	32.703	20:45	N/A	0.0065587	6.558721	20:45	48	0	0	
20:30	56	0.02035	20.351	21:00	63	0.033	32.824	21:00	N/A	0.0060801	6.0801125	21:00	48	0	0	
20:45	56	0.02057	20.567	21:15	63	0.033	32.567	21:15	N/A	0.0058808	5.8807637	21:15	48	0	0	

21:00	56	0.02053	20.527	21:30	63	0.032	32.450	21:30	N/A	0.0058277	5.8277161	21:30	48	0	0	
21:15	56	0.02027	20.268	21:45	63	0.033	32.595	21:45	N/A	0.00563	5.6299609	21:45	48	0	0	
21:30	56	0.02023	20.226	22:00	63	0.032	32.475	22:00	N/A	0.0064047	6.4046578	22:00	48	0	0	
21:45	56	0.02080	20.802	22:15	63	0.032	32.436	22:15	N/A	0.0063538	6.3537755	22:15	48	0	0	
22:00	56	0.02084	20.838	22:30	63	0.031	31.145	22:30	N/A	0.004638	4.6379783	22:30	48	0	0	
22:15	56	0.01968	19.676	22:45	63	0.031	31.391	22:45	N/A	0.0049894	4.9894486	22:45	48	0	0	
22:30	56	0.02025	20.248	23:00	63	0.032	31.649	23:00	N/A	0.0045882	4.5881976	23:00	48	0	0	
22:45	56	0.02065	20.652	23:15	63	0.031	30.629	23:15	N/A	0.0039998	3.9997583	23:15	48	0	0	
23:00	56	0.01989	19.892	23:30	63	0.030	30.230	23:30	N/A	0.0042384	4.2384412	23:30	48	0	0	
23:15	56	0.02052	20.516	23:45	63	0.031	30.973	23:45	N/A	0.0046258	4.6258122	23:45	48	0	0	
23:30	56	0.02045	20.450733													
23:45	56	0.02076	20.763223													

* 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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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.17	0	0	0	0.36
04	0.13	0	0	0	0.24

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

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

6/14/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/14/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/14/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/14/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.02136	21.365	0:00	63	0.032	31.643	0:00	N/A	0.0050318	5.0318121	0:00	48	0	0	
0:15	56	0.02092	20.917	0:15	63	0.032	31.676	0:15	N/A	0.0049993	4.9993134	0:15	48	0	0	
0:30	56	0.02093	20.930	0:30	63	0.032	31.629	0:30	N/A	0.0053808	5.3807664	0:30	48	0	0	
0:45	56	0.02118	21.184	0:45	63	0.032	31.945	0:45	N/A	0.0063115	6.3114599	0:45	48	0	0	
1:00	56	0.02182	21.824	1:00	63	0.032	31.871	1:00	N/A	0.0051352	5.13519	1:00	48	0	0	
1:15	56	0.02208	22.081	1:15	63	0.032	32.131	1:15	N/A	0.0050106	5.0105585	1:15	48	0	0	
1:30	56	0.02144	21.445	1:30	63	0.033	32.537	1:30	N/A	0.0051384	5.1383586	1:30	48	0	0	
1:45	56	0.02098	20.979	1:45	63	0.033	32.781	1:45	N/A	0.0054678	5.4677652	1:45	48	0	0	
2:00	56	0.02118	21.181	2:00	63	0.033	32.767	2:00	N/A	0.0045526	4.5526152	2:00	48	0	0	
2:15	56	0.02126	21.258	2:15	63	0.033	32.689	2:15	N/A	0.004506	4.5060202	2:15	48	0	0	
2:30	56	0.02111	21.105	2:30	63	0.033	32.751	2:30	N/A	0.0044173	4.4172632	2:30	48	0	0	
2:45	56	0.02123	21.235	2:45	63	0.033	32.886	2:45	N/A	0.0041416	4.1416137	2:45	48	0	0	
3:00	56	0.02137	21.368	3:00	63	0.033	33.254	3:00	N/A	0.0044643	4.4643132	3:00	48	0	0	
3:15	56	0.02191	21.909	3:15	63	0.033	33.165	3:15	N/A	0.0045597	4.5596876	3:15	48	0	0	
3:30	56	0.02184	21.839	3:30	63	0.033	33.190	3:30	N/A	0.0042057	4.2057013	3:30	48	0	0	
3:45	56	0.02125	21.249	3:45	63	0.033	33.175	3:45	N/A	0.0040156	4.0156465	3:45	48	0	0	
4:00	56	0.02134	21.336	4:00	63	0.033	33.020	4:00	N/A	0.0034894	3.4894428	4:00	48	0	0	
4:15	56	0.02137	21.373	4:15	63	0.033	32.906	4:15	N/A	0.0032472	3.2471813	4:15	48	0	0	
4:30	56	0.02149	21.487	4:30	63	0.033	32.859	4:30	N/A	0.0034172	3.4172467	4:30	48	0	0	
4:45	56	0.02150	21.496	4:45	63	0.033	33.225	4:45	N/A	0.0038911	3.8910917	4:45	48	0	0	
5:00	56	0.02143	21.426	5:00	63	0.033	33.371	5:00	N/A	0.0036008	3.6007672	5:00	48	0	0	
5:15	56	0.02177	21.767	5:15	63	0.033	33.485	5:15	N/A	0.0036027	3.6027461	5:15	48	0	0	
5:30	56	0.02115	21.154	5:30	63	0.032	32.488	5:30	N/A	0.0040574	4.0574348	5:30	48	0	0	
5:45	56	0.02141	21.409	5:45	63	0.032	32.101	5:45	N/A	0.0036371	3.6371382	5:45	48	0	0	
6:00	56	0.02198	21.976	6:00	63	0.033	32.838	6:00	N/A	0.0028205	2.8205005	6:00	48	0	0	
6:15	56	0.02078	20.781	6:15	63	0.032	32.178	6:15	N/A	0.002201	2.2009905	6:15	48	0	0	
6:30	56	0.01964	19.635	6:30	63	0.031	31.010	6:30	N/A	0.001691	1.6910054	6:30	48	0	0	
6:45	56	0.01913	19.129	6:45	63	0.030	30.251	6:45	N/A	0.0014741	1.474121	6:45	48	0	0	
7:00	56	0.01883	18.827	7:00	63	0.030	30.301	7:00	N/A	0.0014348	1.4347768	7:00	48	0	0	
7:15	56	0.01771	17.714	7:15	63	0.029	29.418	7:15	N/A	0.0012394	1.2393582	7:15	48	0	0	
7:30	56	0.01710	17.102	7:30	63	0.029	28.863	7:30	N/A	0.0013219	1.3218628	7:30	48	0	0	
7:45	56	0.01743	17.428	7:45	63	0.029	29.364	7:45	N/A	0.0013019	1.3018809	7:45	48	0	0	

8:00	56	0.01727	17.274	8:00	63	0.029	29.440	8:00	N/A	0.0010569	1.0569326	8:00	48	0	0	
8:15	56	0.01700	17.001	8:15	63	0.029	29.208	8:15	N/A	0.0008459	0.8459033	8:15	48	0	0	
8:30	56	0.01667	16.669	8:30	63	0.029	29.146	8:30	N/A	0.0008164	0.8163937	8:30	48	0	0	
8:45	56	0.01602	16.020	8:45	63	0.029	28.706	8:45	N/A	0.0011782	1.178203	8:45	48	0	0	
9:00	56	0.01595	15.954	9:00	63	0.028	28.480	9:00	N/A	0.0012214	1.2214144	9:00	48	0	0	
9:15	56	0.01583	15.828	9:15	63	0.029	28.839	9:15	N/A	0.0013431	1.3431329	9:15	48	0	0	
9:30	56	0.01614	16.138	9:30	63	0.029	29.467	9:30	N/A	0.0009434	0.9434099	9:30	48	0	0	
9:45	56	0.01663	16.630	9:45	63	0.030	29.807	9:45	N/A	0.0004194	0.4193878	9:45	48	0	0	
10:00	56	0.01724	17.243	10:00	63	0.030	29.749	10:00	N/A	5.848E-05	0.0584839	10:00	48	0	0	
10:15	56	0.01708	17.080	10:15	63	0.029	29.057	10:15	N/A	0	0	10:15	48	0	0	
10:30	56	0.01687	16.867	10:30	63	0.031	30.700	10:30	N/A	0	0	10:30	48	0	0	
10:45	56	0.01972	19.723	10:45	63	0.034	33.553	10:45	N/A	0	0	10:45	48	0.0006048	0.6048251	
11:00	56	0.01630	16.303	11:00	63	0.024	24.357	11:00	N/A	0.0164853	16.485301	11:00	48	0.0008856	0.8856065	
11:15	56	0.00000	0.000	11:15	63	0.000	0.336	11:15	N/A	0.0288829	28.882899	11:15	48	8.234E-05	0.0823411	
11:30	56	0.00128	1.284	11:30	63	0.004	3.693	11:30	N/A	0.0271329	27.132904	11:30	48	0	0	
11:45	56	0.00284	2.844	11:45	63	0.010	9.726	11:45	N/A	0.0251542	25.154222	11:45	48	0	0	
12:00	56	0.00000	0.000	12:00	63	0.003	3.227	12:00	N/A	0.0249375	24.937523	12:00	48	0	0	
12:15	56	0.00000	0.000	12:15	63	0.002	2.433	12:15	N/A	0.024878	24.877979	12:15	48	0	0	
12:30	56	0.00000	0.000	12:30	63	0.002	1.861	12:30	N/A	0.0251189	25.118926	12:30	48	0	0	
12:45	56	0.00000	0.000	12:45	63	0.001	0.565	12:45	N/A	0.0249219	24.92195	12:45	48	0	0	
13:00	56	0.00000	0.000	13:00	63	0.001	1.057	13:00	N/A	0.0252487	25.248709	13:00	48	0	0	
13:15	56	0.00000	0.000	13:15	63	0.000	0.416	13:15	N/A	0.0258643	25.864289	13:15	48	0	0	
13:30	56	0.00000	0.000	13:30	63	0.000	0.316	13:30	N/A	0.025612	25.612038	13:30	48	0	0	
13:45	56	0.00000	0.000	13:45	63	0.000	0.402	13:45	N/A	0.0255291	25.529071	13:45	48	0	0	
14:00	56	0.00000	0.000	14:00	63	0.001	0.503	14:00	N/A	0.024082	24.082005	14:00	48	0	0	
14:15	56	0.00000	0.000	14:15	63	0.000	0.315	14:15	N/A	0.0266713	26.671288	14:15	48	0	0	
14:30	56	0.00000	0.000	14:30	63	0.000	0.065	14:30	N/A	0.0265415	26.541466	14:30	48	0	0	
14:45	56	0.00000	0.000	14:45	63	0.000	0.460	14:45	N/A	0.0236078	23.607767	14:45	48	0	0	
15:00	56	0.00000	0.000	15:00	63	0.001	1.419	15:00	N/A	0.0234272	23.427212	15:00	48	0.0003029	0.3029193	
15:15	56	0.00000	0.000	15:15	63	0.002	2.169	15:15	N/A	0.0226228	22.622786	15:15	48	0.0066067	6.6067341	
15:30	56	0.00000	0.000	15:30	63	0.002	1.687	15:30	N/A	0.0221575	22.157527	15:30	48	0.0176551	17.655105	
15:45	56	0.00000	0.000	15:45	63	0.002	2.289	15:45	N/A	0.0215298	21.529823	15:45	48	0.0306463	30.646267	
16:00	56	0.00000	0.000	16:00	63	0.002	2.431	16:00	N/A	0.0211912	21.191217	16:00	48	0.0437911	43.79109	
16:15	56	0.00000	0.000	16:15	63	0.004	4.258	16:15	N/A	0.0210622	21.06222	16:15	48	0.0513012	51.301222	* See Field Investigation Below
16:30	56	0.00000	0.000	16:30	63	0.003	2.842	16:30	N/A	0.0206292	20.629245	16:20	48	0.0521749	52.174941	* See Field Investigation Below
16:45	56	0.00000	0.000	16:45	63	0.002	1.759	16:45	N/A	0.0203081	20.308096	16:25	48	0.0534882	53.488195	* See Field Investigation Below
17:00	56	0.00000	0.000	17:00	63	0.002	1.675	17:00	N/A	0.0212222	21.222197	16:30	48	0.0544517	54.451699	* See Field Investigation Below
17:15	56	0.00000	0.000	17:15	63	0.001	0.767	17:15	N/A	0.0207075	20.707462	16:35	48	0.0550436	55.043598	* See Field Investigation Below
17:30	56	0.00000	0.000	17:30	63	0.002	1.878	17:30	N/A	0.0204554	20.455357	16:40	48	0.055221	55.220986	* See Field Investigation Below
17:45	56	0.00000	0.000	17:45	63	0.001	1.321	17:45	N/A	0.0210839	21.083935	16:45	48	0.0559541	55.954143	* See Field Investigation Below
18:00	56	0.00000	0.000	18:00	63	0.001	0.983	18:00	N/A	0.0209569	20.956887	16:50	48	0.0568141	56.81407	* See Field Investigation Below
18:15	56	0.00000	0.000	18:15	63	0.002	1.796	18:15	N/A	0.020636	20.63602	16:55	48	0.05542	55.420006	* See Field Investigation Below
18:30	56	0.00000	0.000	18:30	63	0.001	1.173	18:30	N/A	0.021852	21.852002	17:00	48	0.0525857	52.585741	* See Field Investigation Below
18:45	56	0.00000	0.000	18:45	63	0.001	0.675	18:45	N/A	0.0224582	22.458174	17:05	48	0.0522216	52.221552	* See Field Investigation Below
19:00	56	0.00000	0.000	19:00	63	0.001	0.885	19:00	N/A	0.0234461	23.446098	17:10	48	0.0520384	52.038425	* See Field Investigation Below
19:15	56	0.00000	0.000	19:15	63	0.000	0.001	19:15	N/A	0.0245881	24.588101	17:15	48	0.0523138	52.313827	* See Field Investigation Below
19:30	56	0.00000	0.000	19:30	63	0.001	0.664	19:30	N/A	0.0240849	24.084916	17:20	48	0.0506446	50.644626	* See Field Investigation Below
19:45	56	0.00000	0.000	19:45	63	0.001	0.504	19:45	N/A	0.0244075	24.407503	17:25	48	0.0505117	50.511704	* See Field Investigation Below
20:00	56	0.00000	0.000	20:00	63	0.000	0.012	20:00	N/A	0.0244585	24.45852	17:30	48	0.0515846	51.584577	* See Field Investigation Below
20:15	56	0.00000	0.000	20:15	63	0.000	0.000	20:15	N/A	0.0241313	24.131346	17:35	48	0.0526189	52.618884	* See Field Investigation Below
20:30	56	0.00013	0.134	20:30	63	0.000	0.007	20:30	N/A	0.0239759	23.975872	17:40	48	0.0514919	51.491872	* See Field Investigation Below
20:45	56	0.00269	2.686	20:45	63	0.007	7.473	20:45	N/A	0.0242442	24.244176	17:45	48	0.0518072	51.80724	* See Field Investigation Below
21:00	56	0.00000	0.000	21:00	63	0.001	1.328	21:00	N/A	0.0230285	23.028455	17:50	48	0.0529258	52.925759	* See Field Investigation Below

21:15	56	0.00000	0.003	21:15	63	0.004	4.353	21:15	N/A	0.0219691	21.969101	17:55	48	0.0546219	54.621935	* See Field Investigation Below
21:30	56	0.00400	3.998	21:30	63	0.012	12.294	21:30	N/A	0.0215761	21.576124	18:00	48	0.0560072	56.007176	* See Field Investigation Below
21:45	56	0.01116	11.159	21:45	63	0.018	18.132	21:45	N/A	0.0205646	20.564577	18:05	48	0.0573805	57.380484	* See Field Investigation Below
22:00	56	0.01915	19.154	22:00	63	0.027	26.673	22:00	N/A	0.019732	19.732043	18:10	48	0.05768	57.680049	* See Field Investigation Below
22:15	56	0.03689	36.889	22:15	63	0.029	29.184	22:15	N/A	0.0191272	19.127224	18:15	48	0.058434	58.434039	* See Field Investigation Below
22:20	56	0.14739	147.389	22:30	63	0.030	29.570	22:30	N/A	0.0189107	18.910699	18:20	48	0.0583997	58.399668	* See Field Investigation Below
22:25	56	0.00009	0.092	22:45	63	0.031	31.307	22:45	N/A	0.0186037	18.603696	18:25	48	0.0582853	58.285345	* See Field Investigation Below
22:30	56	0.02003	20.029	23:00	63	0.029	29.296	23:00	N/A	0.0189788	18.97876	18:30	48	0.057377	57.376987	* See Field Investigation Below
22:45	56	0.01807	18.070	23:15	63	0.028	28.377	23:15	N/A	0.0193851	19.385092	18:35	48	0.0564743	56.474322	* See Field Investigation Below
23:00	56	0.01964	19.640	23:30	63	0.028	27.883	23:30	N/A	0.0205427	20.542691	18:40	48	0.0561056	56.105575	* See Field Investigation Below
23:15	56	0.01734	17.340	23:45	63	0.028	28.021	23:45	N/A	0.0201156	20.115638	18:45	48	0.0554646	55.464638	* See Field Investigation Below
23:30	56	0.01710	17.102402									18:50	48	0.0554698	55.469837	* See Field Investigation Below
23:45	56	0.01775	17.752279									18:55	48	0.0548573	54.857284	* 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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18:55	48	0.0548573	54.857284	* See Field Investigation Below
19:00	48	0.0530108	53.010774	* See Field Investigation Below
19:05	48	0.0518667	51.866727	* See Field Investigation Below
19:10	48	0.0517277	51.727735	* See Field Investigation Below
19:15	48	0.0519184	51.918424	* See Field Investigation Below
19:20	48	0.0524362	52.436215	* See Field Investigation Below
19:25	48	0.0534287	53.428668	* See Field Investigation Below
19:30	48	0.0535382	53.538214	* See Field Investigation Below
19:35	48	0.0529512	52.951233	* See Field Investigation Below
19:40	48	0.0531456	53.145571	* See Field Investigation Below
19:45	48	0.0522929	52.292875	* See Field Investigation Below
19:50	48	0.052086	52.086	* See Field Investigation Below
19:55	48	0.052398	52.397999	* See Field Investigation Below
20:00	48	0.0524227	52.422718	* See Field Investigation Below
20:05	48	0.0522595	52.259486	* See Field Investigation Below
20:10	48	0.0524681	52.468093	* See Field Investigation Below
20:15	48	0.053263	53.262974	* See Field Investigation Below
20:20	48	0.0538683	53.868295	* See Field Investigation Below
20:25	48	0.0531598	53.159763	* See Field Investigation Below
20:30	48	0.0522031	52.2031	* See Field Investigation Below
20:35	48	0.051664	51.663995	* See Field Investigation Below
20:40	48	0.058184	58.184034	* See Field Investigation Below
20:45	48	0.0647072	64.707226	* See Field Investigation Below
20:50	48	0.0471044	47.104366	* See Field Investigation Below
20:55	48	0.0468387	46.83867	* See Field Investigation Below
21:00	48	0.0464463	46.446341	* See Field Investigation Below
21:05	48	0.0457057	45.705689	* See Field Investigation Below
21:10	48	0.0462103	46.210261	* See Field Investigation Below
21:15	48	0.0467787	46.778717	* See Field Investigation Below
21:20	48	0.0475022	47.502159	* See Field Investigation Below
21:25	48	0.0539395	53.3939521	* See Field Investigation Below
21:30	48	0.0696263	69.626316	* See Field Investigation Below
21:35	48	0.0708386	70.838617	* See Field Investigation Below
21:40	48	0.064713	64.712955	* See Field Investigation Below
21:45	48	0.0630412	63.041246	* See Field Investigation Below
21:50	48	0.0754136	75.413576	* See Field Investigation Below
21:55	48	0.0772423	77.242344	* See Field Investigation Below
22:00	48	0.081315	81.314991	* See Field Investigation Below
22:05	48	0.0825279	82.527894	* See Field Investigation Below
22:10	48	0.0827731	82.773114	* See Field Investigation Below
22:15	48	0.0882761	88.276059	* See Field Investigation Below

22:20	48	0.0925844	92.584408	* See Field Investigation Below
22:25	48	0.0917603	91.760281	* See Field Investigation Below
22:30	48	0.094043	94.042985	* See Field Investigation Below
22:35	48	0.0970826	97.082554	* See Field Investigation Below
22:40	48	0.0968672	96.867244	* See Field Investigation Below
22:45	48	0.0976761	97.676116	* See Field Investigation Below
22:50	48	0.0987234	98.723447	* See Field Investigation Below
22:55	48	0.0978719	97.871949	* See Field Investigation Below
23:00	48	0.0979472	97.947219	* See Field Investigation Below
23:05	48	0.0974064	97.406445	* See Field Investigation Below
23:10	48	0.0974126	97.412565	* See Field Investigation Below
23:15	48	0.0977654	97.765441	* See Field Investigation Below
23:20	48	0.0966423	96.642288	* See Field Investigation Below
23:25	48	0.0974617	97.461676	* See Field Investigation Below
23:30	48	0.0965547	96.554678	* See Field Investigation Below
23:35	48	0.0973975	97.397515	* See Field Investigation Below
23:40	48	0.0959584	95.958368	* See Field Investigation Below
23:45	48	0.0960793	96.079251	* See Field Investigation Below
23:50	48	0.0969592	96.959167	* See Field Investigation Below
23:55	48	0.0964054	96.405384	* See Field Investigation Below



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0	0	0	0	0.2
Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.					

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

6/15/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/15/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/15/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/15/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.01672	16.724	0:00	63	0.028	27.846	0:00	N/A	0.0199963	19.996332	0:00	48	0.0983373	98.337332	* See Field Investigation Below
0:15	56	0.01660	16.602	0:15	63	0.027	27.090	0:15	N/A	0.0194714	19.471395	0:05	48	0.0986245	98.624474	* See Field Investigation Below
0:30	56	0.01646	16.457	0:30	63	0.027	26.753	0:30	N/A	0.017835	17.835018	0:10	48	0.097777	97.776994	* See Field Investigation Below
0:45	56	0.01758	17.575	0:45	63	0.026	26.391	0:45	N/A	0.0162052	16.205234	0:15	48	0.0992808	99.280825	* See Field Investigation Below
1:00	56	0.01465	14.654	1:00	63	0.026	26.365	1:00	N/A	0.0149482	14.948227	0:20	48	0.0999917	99.991718	* See Field Investigation Below
1:15	56	0.01696	16.956	1:15	63	0.026	25.812	1:15	N/A	0.0143373	14.337263	0:25	48	0.1003011	100.30107	* See Field Investigation Below
1:30	56	0.01989	19.893	1:30	63	0.026	25.701	1:30	N/A	0.0141185	14.118492	0:30	48	0.1018187	101.81868	* See Field Investigation Below
1:45	56	0.04866	48.659	1:45	63	0.026	25.813	1:45	N/A	0.0138865	13.886464	0:35	48	0.1034865	103.48653	* See Field Investigation Below
2:00	56	0.01554	15.536	2:00	63	0.026	25.621	2:00	N/A	0.0134222	13.422167	0:40	48	0.1039647	103.96467	* See Field Investigation Below
2:15	56	0.01455	14.546	2:15	63	0.025	25.395	2:15	N/A	0.0121328	12.132797	0:45	48	0.1062251	106.22509	* See Field Investigation Below
2:30	56	0.01564	15.636	2:30	63	0.026	26.448	2:30	N/A	0.0113036	11.30357	0:50	48	0.1093135	109.31346	* See Field Investigation Below
2:45	56	0.01616	16.164	2:45	63	0.026	25.992	2:45	N/A	0.0131955	13.195486	0:55	48	0.1094416	109.4416	* See Field Investigation Below
3:00	56	0.01935	19.352	3:00	63	0.026	25.541	3:00	N/A	0.0130071	13.007077	1:00	48	0.110639	110.63896	* See Field Investigation Below
3:15	56	0.01597	15.975	3:15	63	0.027	27.132	3:15	N/A	0.012216	12.216043	1:05	48	0.1119209	111.92094	* See Field Investigation Below
3:30	56	0.01535	15.346	3:30	63	0.027	26.783	3:30	N/A	0.0111913	11.191344	1:10	48	0.1128817	112.88172	* See Field Investigation Below
3:45	56	0.01843	18.434	3:45	63	0.026	26.019	3:45	N/A	0.0115867	11.586698	1:15	48	0.1123411	112.34114	* See Field Investigation Below
4:00	56	0.01732	17.322	4:00	63	0.025	25.401	4:00	N/A	0.021104	21.103963	1:20	48	0.1119543	111.95434	* See Field Investigation Below
4:15	56	0.05432	54.317	4:15	63	0.025	25.277	4:15	N/A	0.0221198	22.119758	1:25	48	0.1158642	115.86415	* See Field Investigation Below
4:30	56	0.02207	22.068	4:30	63	0.025	24.596	4:30	N/A	0.0168252	16.825171	1:30	48	0.116253	116.253	* See Field Investigation Below
4:45	56	0.01425	14.248	4:45	63	0.024	24.236	4:45	N/A	0.0136006	13.600618	1:35	48	0.1131101	113.11006	* See Field Investigation Below
5:00	56	0.01461	14.610	5:00	63	0.024	24.197	5:00	N/A	0.0126627	12.662659	1:40	48	0.114283	114.28304	* See Field Investigation Below
5:15	56	0.01513	15.128	5:15	63	0.025	24.751	5:15	N/A	0.0122102	12.210177	1:45	48	0.1143042	114.30419	* See Field Investigation Below
5:30	56	0.01608	16.085	5:30	63	0.026	25.864	5:30	N/A	0.0123138	12.313847	1:50	48	0.1142705	114.27049	* See Field Investigation Below
5:45	56	0.01617	16.172	5:45	63	0.027	26.724	5:45	N/A	0.0125902	12.590246	1:55	48	0.1142712	114.27117	* See Field Investigation Below
6:00	56	0.01548	15.484	6:00	63	0.027	27.444	6:00	N/A	0.0129221	12.92213	2:00	48	0.1153697	115.36971	* See Field Investigation Below
6:15	56	0.01490	14.902	6:15	63	0.028	27.543	6:15	N/A	0.0134056	13.405635	2:05	48	0.1144444	114.44445	* See Field Investigation Below
6:30	56	0.01522	15.223	6:30	63	0.028	27.666	6:30	N/A	0.014182	14.182047	2:10	48	0.1140438	114.04381	* See Field Investigation Below
6:45	56	0.01499	14.990	6:45	63	0.028	27.684	6:45	N/A	0.0133803	13.380308	2:15	48	0.1136903	113.69026	* See Field Investigation Below
7:00	56	0.01476	14.764	7:00	63	0.027	27.327	7:00	N/A	0.0130404	13.040387	2:20	48	0.1140574	114.05738	* See Field Investigation Below
7:15	56	0.01520	15.205	7:15	63	0.027	26.828	7:15	N/A	0.0134034	13.403447	2:25	48	0.1141183	114.11835	* See Field Investigation Below
7:30	56	0.01534	15.344	7:30	63	0.027	27.323	7:30	N/A	0.0138189	13.818873	2:30	48	0.1132762	113.27619	* See Field Investigation Below
7:45	56	0.01586	15.859	7:45	63	0.028	28.290	7:45	N/A	0.014065	14.065026	2:35	48	0.1128702	112.87025	* See Field Investigation Below
8:00	56	0.01712	17.122	8:00	63	0.029	29.290	8:00	N/A	0.0141925	14.19252	2:40	48	0.113231	113.23096	* See Field Investigation Below

21:30	56	0.01616	16.159	21:30	63	0.035	35.465	21:30	N/A	0.0327042	32.704155	7:10	48	0.1091266	109.12665	* See Field Investigation Below
21:45	56	0.01744	17.442	21:45	63	0.036	35.919	21:45	N/A	0.0315985	31.598501	7:15	48	0.1097224	109.72242	* See Field Investigation Below
22:00	56	0.02006	20.065	22:00	63	0.038	37.676	22:00	N/A	0.0309216	30.921594	7:20	48	0.1124553	112.45526	* See Field Investigation Below
22:15	56	0.01818	18.185	22:15	63	0.039	38.776	22:15	N/A	0.0305558	30.555761	7:25	48	0.1135192	113.51924	* See Field Investigation Below
22:30	56	0.01209	12.089	22:30	63	0.022	21.949	22:30	N/A	0.0312964	31.296427	7:30	48	0.1136429	113.64292	* See Field Investigation Below
22:45	56	0.01616	16.163	22:45	63	0.035	34.743	22:45	N/A	0.0321161	32.11615	7:35	48	0.1149092	114.9092	* See Field Investigation Below
23:00	56	0.03129	31.285	23:00	63	0.048	48.294	23:00	N/A	0.031889	31.889016	7:40	48	0.1153137	115.31371	* See Field Investigation Below
23:15	56	0.03346	33.459	23:15	63	0.050	50.156	23:15	N/A	0.0319938	31.993835	7:45	48	0.1172582	117.25818	* See Field Investigation Below
23:30	56	0.02394	23.937	23:30	63	0.040	40.101	23:30	N/A	0.0332378	33.237793	7:50	48	0.1182968	118.29679	* See Field Investigation Below
23:45	56	0.01330	13.300	23:45	63	0.040	39.591	23:45	N/A	0.032104	32.10402	7:55	48	0.1183197	118.31968	* 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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8:00	48	0.1186133	118.61327	* See Field Investigation Below
8:05	48	0.1189267	118.92667	* See Field Investigation Below
8:10	48	0.1214232	121.42321	* See Field Investigation Below
8:15	48	0.1221295	122.12945	* See Field Investigation Below
8:20	48	0.1234553	123.45527	* See Field Investigation Below
8:25	48	0.1248007	124.80074	* See Field Investigation Below
8:30	48	0.1265926	126.59262	* See Field Investigation Below
8:35	48	0.128535	128.53502	* See Field Investigation Below
8:40	48	0.1279648	127.96482	* See Field Investigation Below
8:45	48	0.1299189	129.91892	* See Field Investigation Below
8:50	48	0.1248126	124.81259	* See Field Investigation Below
8:55	48	0.1162802	116.28018	* See Field Investigation Below
9:00	48	0.111534	111.53404	* See Field Investigation Below
9:05	48	0.113075	113.07495	* See Field Investigation Below
9:10	48	0.1165186	116.51864	* See Field Investigation Below
9:15	48	0.1203817	120.38174	* See Field Investigation Below
9:20	48	0.1238061	123.80611	* See Field Investigation Below
9:25	48	0.1266999	126.69993	* See Field Investigation Below
9:30	48	0.1298348	129.83484	* See Field Investigation Below
9:35	48	0.1337697	133.76972	* See Field Investigation Below
9:40	48	0.1381871	138.18707	* See Field Investigation Below
9:45	48	0.1424957	142.49567	* See Field Investigation Below
9:50	48	0.1466616	146.66162	* See Field Investigation Below
9:55	48	0.1498455	149.84551	* See Field Investigation Below
10:00	48	0.1535738	153.57375	* See Field Investigation Below
10:05	48	0.157503	157.50297	* See Field Investigation Below
10:10	48	0.1606089	160.60889	* See Field Investigation Below
10:15	48	0.1621025	162.10246	* See Field Investigation Below
10:20	48	0.1638549	163.85485	* See Field Investigation Below
10:25	48	0.1660422	166.0422	* See Field Investigation Below
10:30	48	0.1677405	167.74051	* See Field Investigation Below
10:35	48	0.1700784	170.07835	* See Field Investigation Below
10:40	48	0.1728421	172.84208	* See Field Investigation Below
10:45	48	0.1751516	175.15159	* See Field Investigation Below
10:50	48	0.1768788	176.87876	* See Field Investigation Below
10:55	48	0.1785665	178.56654	* See Field Investigation Below
11:00	48	0.1799944	179.99443	* See Field Investigation Below
11:05	48	0.1807328	180.73278	* See Field Investigation Below
11:10	48	0.1808252	180.82522	* See Field Investigation Below
11:15	48	0.1771212	177.1212	* See Field Investigation Below
11:20	48	0.1597696	159.76958	* See Field Investigation Below
11:25	48	0.176783	176.78303	* See Field Investigation Below
11:30	48	0.1744413	174.44126	* See Field Investigation Below

11:35	48	0.1721941	172.1941	* See Field Investigation Below
11:40	48	0.1691686	169.16862	* See Field Investigation Below
11:45	48	0.1668646	166.86459	* See Field Investigation Below
11:50	48	0.1641204	164.12043	* See Field Investigation Below
11:55	48	0.1615541	161.55415	* See Field Investigation Below
12:00	48	0.1585084	158.50842	* See Field Investigation Below
12:05	48	0.155599	155.59901	* See Field Investigation Below
12:10	48	0.1529355	152.93552	* See Field Investigation Below
12:15	48	0.1483949	148.39491	* See Field Investigation Below
12:20	48	0.1438277	143.82766	* See Field Investigation Below
12:25	48	0.1393749	139.37486	* See Field Investigation Below
12:30	48	0.135255	135.25495	* See Field Investigation Below
12:35	48	0.1321175	132.11748	* See Field Investigation Below
12:40	48	0.1295345	129.53449	* See Field Investigation Below
12:45	48	0.1275967	127.59675	* See Field Investigation Below
12:50	48	0.1258811	125.88112	* See Field Investigation Below
12:55	48	0.125047	125.047	* See Field Investigation Below
13:00	48	0.1219143	121.91426	* See Field Investigation Below
13:05	48	0.1051744	105.17443	* See Field Investigation Below
13:10	48	0.1238139	123.81393	* See Field Investigation Below
13:15	48	0.1230828	123.08277	* See Field Investigation Below
13:20	48	0.1225592	122.55923	* See Field Investigation Below
13:25	48	0.121522	121.52196	* See Field Investigation Below
13:30	48	0.1205879	120.58787	* See Field Investigation Below
13:35	48	0.1194622	119.46224	* See Field Investigation Below
13:40	48	0.1027628	102.76284	* See Field Investigation Below
13:45	48	0.1113058	111.30583	* See Field Investigation Below
13:50	48	0.1143555	114.35552	* See Field Investigation Below
13:55	48	0.1116042	111.6042	* See Field Investigation Below
14:00	48	0.1082805	108.28053	* See Field Investigation Below
14:05	48	0.103923	103.92296	* See Field Investigation Below
14:10	48	0.0990933	99.0933	* See Field Investigation Below
14:15	48	0.074087	74.086982	* See Field Investigation Below
14:20	48	0.0703346	70.334616	* See Field Investigation Below
14:25	48	0.068046	68.045986	* See Field Investigation Below
14:30	48	0.087541	87.540967	* See Field Investigation Below
14:35	48	0.0873692	87.369157	* See Field Investigation Below
14:40	48	0.0684984	68.498385	* See Field Investigation Below
14:45	48	0.0792534	79.253447	* See Field Investigation Below
14:50	48	0.0853244	85.324413	* See Field Investigation Below
14:55	48	0.0634025	63.402531	* See Field Investigation Below
15:00	48	0.0615116	61.511591	* See Field Investigation Below
15:05	48	0.0610122	61.012171	* See Field Investigation Below
15:10	48	0.059459	59.458999	* See Field Investigation Below
15:15	48	0.0575216	57.52157	* See Field Investigation Below
15:20	48	0.0568606	56.860563	* See Field Investigation Below
15:25	48	0.0761419	76.141896	* See Field Investigation Below
15:30	48	0.076702	76.701984	* See Field Investigation Below
15:35	48	0.0757739	75.773925	* See Field Investigation Below
15:40	48	0.0749958	74.995773	* See Field Investigation Below
15:45	48	0.0742532	74.253187	* See Field Investigation Below
15:50	48	0.0735501	73.550135	* See Field Investigation Below
15:55	48	0.0728934	72.893405	* See Field Investigation Below

16:00	48	0.0726607	72.660654	* See Field Investigation Below
16:05	48	0.0716956	71.695643	* See Field Investigation Below
16:10	48	0.0706309	70.630883	* See Field Investigation Below
16:15	48	0.0695356	69.535646	* See Field Investigation Below
16:20	48	0.0516361	51.636071	* See Field Investigation Below
16:25	48	0.0623475	62.347534	* See Field Investigation Below
16:30	48	0.0687307	68.730705	* See Field Investigation Below
16:35	48	0.0521555	52.155521	* See Field Investigation Below
16:40	48	0.0582243	58.224255	* See Field Investigation Below
16:45	48	0.0687127	68.712737	* See Field Investigation Below
16:50	48	0.0686328	68.632794	* See Field Investigation Below
16:55	48	0.0686467	68.646656	* See Field Investigation Below
17:00	48	0.0684679	68.467925	* See Field Investigation Below
17:05	48	0.0683042	68.304248	* See Field Investigation Below
17:10	48	0.0683159	68.315933	* See Field Investigation Below
17:15	48	0.0685688	68.568818	* See Field Investigation Below
17:20	48	0.0687021	68.702134	* See Field Investigation Below
17:25	48	0.0688909	68.890868	* See Field Investigation Below
17:30	48	0.0690101	69.010148	* See Field Investigation Below
17:35	48	0.0690971	69.097097	* See Field Investigation Below
17:40	48	0.069341	69.341049	* See Field Investigation Below
17:45	48	0.0699512	69.951175	* See Field Investigation Below
17:50	48	0.0706296	70.629614	* See Field Investigation Below
17:55	48	0.0706273	70.627334	* See Field Investigation Below
18:00	48	0.0708081	70.80808	* See Field Investigation Below
18:05	48	0.0710512	71.051223	* See Field Investigation Below
18:10	48	0.0713172	71.317189	* See Field Investigation Below
18:15	48	0.0718413	71.841296	* See Field Investigation Below
18:20	48	0.0725477	72.547732	* See Field Investigation Below
18:25	48	0.0729959	72.995866	* See Field Investigation Below
18:30	48	0.0735091	73.509119	* See Field Investigation Below
18:35	48	0.0745261	74.526113	* See Field Investigation Below
18:40	48	0.0755498	75.549842	* See Field Investigation Below
18:45	48	0.0762966	76.296607	* See Field Investigation Below
18:50	48	0.0767058	76.705816	* See Field Investigation Below
18:55	48	0.0770445	77.044466	* See Field Investigation Below
19:00	48	0.0777122	77.712187	* See Field Investigation Below
19:05	48	0.0777243	77.724298	* See Field Investigation Below
19:10	48	0.0771416	77.141635	* See Field Investigation Below
19:15	48	0.0766226	76.622639	* See Field Investigation Below
19:20	48	0.0760561	76.056124	* See Field Investigation Below
19:25	48	0.0754152	75.415244	* See Field Investigation Below
19:30	48	0.0744462	74.446226	* See Field Investigation Below
19:35	48	0.0735869	73.586879	* See Field Investigation Below
19:40	48	0.0724539	72.453921	* See Field Investigation Below
19:45	48	0.0712475	71.247532	* See Field Investigation Below
19:50	48	0.070382	70.381977	* See Field Investigation Below
19:55	48	0.0697014	69.701439	* See Field Investigation Below
20:00	48	0.0692069	69.206944	* See Field Investigation Below
20:05	48	0.0688245	68.824516	* See Field Investigation Below
20:10	48	0.0687023	68.702315	* See Field Investigation Below
20:15	48	0.0688908	68.890764	* See Field Investigation Below
20:20	48	0.0693655	69.365515	* See Field Investigation Below

20:25	48	0.0699677	69.967655	* See Field Investigation Below
20:30	48	0.0707006	70.700605	* See Field Investigation Below
20:35	48	0.0719979	71.997938	* See Field Investigation Below
20:40	48	0.0736216	73.621633	* See Field Investigation Below
20:45	48	0.0752236	75.223614	* See Field Investigation Below
20:50	48	0.0768924	76.89239	* See Field Investigation Below
20:55	48	0.0786696	78.669557	* See Field Investigation Below
21:00	48	0.0828825	82.882502	* See Field Investigation Below
21:05	48	0.0890269	89.02687	* See Field Investigation Below
21:10	48	0.0890933	89.093274	* See Field Investigation Below
21:15	48	0.094708	94.708012	* See Field Investigation Below
21:20	48	0.1014497	101.44966	* See Field Investigation Below
21:25	48	0.1037343	103.73428	* See Field Investigation Below
21:30	48	0.106519	106.51903	* See Field Investigation Below
21:35	48	0.1096552	109.65518	* See Field Investigation Below
21:40	48	0.113578	113.57804	* See Field Investigation Below
21:45	48	0.1151203	115.12028	* See Field Investigation Below
21:50	48	0.1160751	116.07512	* See Field Investigation Below
21:55	48	0.118894	118.89401	* See Field Investigation Below
22:00	48	0.1231477	123.14768	* See Field Investigation Below
22:05	48	0.1218267	121.82666	* See Field Investigation Below
22:10	48	0.1225503	122.55031	* See Field Investigation Below
22:15	48	0.1300171	130.01711	* See Field Investigation Below
22:20	48	0.1209603	120.96028	* See Field Investigation Below
22:25	48	0.1020412	102.0412	* See Field Investigation Below
22:30	48	0.1148418	114.84184	* See Field Investigation Below
22:35	48	0.1304324	130.4324	* See Field Investigation Below
22:40	48	0.1203507	120.35067	* See Field Investigation Below
22:45	48	0.1445721	144.57205	* See Field Investigation Below
22:50	48	0.1446905	144.69055	* See Field Investigation Below
22:55	48	0.1422796	142.27956	* See Field Investigation Below
23:00	48	0.1448405	144.84052	* See Field Investigation Below
23:05	48	0.1412879	141.28787	* See Field Investigation Below
23:10	48	0.1431471	143.14708	* See Field Investigation Below
23:15	48	0.1401023	140.10232	* See Field Investigation Below
23:20	48	0.1361196	136.11959	* See Field Investigation Below
23:25	48	0.1355058	135.5058	* See Field Investigation Below
23:30	48	0.1054752	105.47517	* See Field Investigation Below
23:35	48	0.1248224	124.82243	* See Field Investigation Below
23:40	48	0.1537123	153.71232	* See Field Investigation Below
23:45	48	0.1914778	191.47779	* See Field Investigation Below
23:50	48	0	0	* See Field Investigation Below
23:55	48	0	0	* See Field Investigation Below

21:25	56	0.10113	101.126	21:45	63	0.032	32.156	21:45	N/A	0.0146484	14.648443	7:55	48	0.1554961	155.49613	* See Field Investigation Below
21:30	56	0.01471	14.714	22:00	63	0.036	36.268	22:00	N/A	0.0140515	14.051476	8:00	48	0.1668692	166.86923	* See Field Investigation Below
21:45	56	0.00000	0.000	22:15	63	0.036	36.324	22:15	N/A	0.0137855	13.785504	8:05	48	0.1590168	159.01684	* See Field Investigation Below
22:00	56	0.00000	0.000	22:30	63	0.036	36.380	22:30	N/A	0.0138938	13.893849	8:10	48	0.1577937	157.79369	* See Field Investigation Below
22:15	56	0.00000	0.000	22:45	63	0.037	37.080	22:45	N/A	0.0138765	13.876459	8:15	48	0.1483897	148.38972	* See Field Investigation Below
22:30	56	0.00000	0.000	23:00	63	0.037	37.097	23:00	N/A	0.0129988	12.998755	8:20	48	0.1339922	133.99215	* See Field Investigation Below
22:45	56	0.00000	0.000	23:15	63	0.037	36.589	23:15	N/A	0.0121055	12.105482	8:25	48	0.1478951	147.89511	* See Field Investigation Below
23:00	56	0.00000	0.000	23:30	63	0.036	36.332	23:30	N/A	0.0114903	11.490282	8:30	48	0.1654275	165.42753	* See Field Investigation Below
23:15	56	0.00000	0.000	23:45	63	0.037	36.576	23:45	N/A	0.0113704	11.370354	8:35	48	0.1614332	161.43316	* See Field Investigation Below
23:30	56	0.00000	0.000									8:40	48	0.161056	161.05599	* See Field Investigation Below
23:45	56	0.00000	0.000									8:45	48	0.1692621	169.26212	* 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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8:50	48	0.1611814	161.18142	* See Field Investigation Below
8:55	48	0.1596815	159.6815	* See Field Investigation Below
9:00	48	0.1585021	158.50207	* See Field Investigation Below
9:05	48	0.1656947	165.69468	* See Field Investigation Below
9:10	48	0.146325	146.32497	* See Field Investigation Below
9:15	48	0.1339356	133.93561	* See Field Investigation Below
9:20	48	0.1359968	135.99678	* See Field Investigation Below
9:25	48	0.1395058	139.50583	* See Field Investigation Below
9:30	48	0.1348549	134.85487	* See Field Investigation Below
9:35	48	0.1288025	128.80255	* See Field Investigation Below
9:40	48	0.1279368	127.93679	* See Field Investigation Below
9:45	48	0.1238688	123.86881	* See Field Investigation Below
9:50	48	0.1207783	120.77829	* See Field Investigation Below
9:55	48	0.1231073	123.10732	* See Field Investigation Below
10:00	48	0.1233619	123.3619	* See Field Investigation Below
10:05	48	0.1239441	123.94414	* See Field Investigation Below
10:10	48	0.1272026	127.20256	* See Field Investigation Below
10:15	48	0.1256604	125.66042	* See Field Investigation Below
10:20	48	0.1270694	127.06937	* See Field Investigation Below
10:25	48	0.12977	129.77004	* See Field Investigation Below
10:30	48	0.1270398	127.03984	* See Field Investigation Below
10:35	48	0.1321002	132.10019	* See Field Investigation Below
10:40	48	0.1323015	132.30149	* See Field Investigation Below
10:45	48	0.1321551	132.15511	* See Field Investigation Below
10:50	48	0.1441893	144.18927	* See Field Investigation Below
10:55	48	0.1559489	155.94887	* See Field Investigation Below
11:00	48	0.1585194	158.51936	* See Field Investigation Below
11:05	48	0.1538545	153.8545	* See Field Investigation Below
11:10	48	0.1490416	149.04159	* See Field Investigation Below
11:15	48	0.1654044	165.40442	* See Field Investigation Below
11:20	48	0.1654475	165.4475	* See Field Investigation Below
11:25	48	0.1575997	157.59966	* See Field Investigation Below
11:30	48	0.1577765	157.77649	* See Field Investigation Below
11:35	48	0.1666006	166.60062	* See Field Investigation Below
11:40	48	0.1653381	165.33812	* See Field Investigation Below
11:45	48	0.1642199	164.21991	* See Field Investigation Below
11:50	48	0.1627912	162.7912	* See Field Investigation Below
11:55	48	0.1620168	162.01675	* See Field Investigation Below
12:00	48	0.1616765	161.67653	* See Field Investigation Below
12:05	48	0.1623925	162.39251	* See Field Investigation Below
12:10	48	0.1638281	163.82806	* See Field Investigation Below
12:15	48	0.1655153	165.51526	* See Field Investigation Below

12:20	48	0.1669077	166.90766	* See Field Investigation Below
12:25	48	0.1650522	165.05221	* See Field Investigation Below
12:30	48	0.1468154	146.81542	* See Field Investigation Below
12:35	48	0.1475128	147.51276	* See Field Investigation Below
12:40	48	0.1464325	146.43249	* See Field Investigation Below
12:45	48	0.1497562	149.75622	* See Field Investigation Below
12:50	48	0.1681314	168.13137	* See Field Investigation Below
12:55	48	0.1635332	163.53317	* See Field Investigation Below
13:00	48	0.1443256	144.32563	* See Field Investigation Below
13:05	48	0.1636575	163.65752	* See Field Investigation Below
13:10	48	0.1625581	162.55814	* See Field Investigation Below
13:15	48	0.1608758	160.87579	* See Field Investigation Below
13:20	48	0.1587265	158.72649	* See Field Investigation Below
13:25	48	0.1343345	134.33452	* See Field Investigation Below
13:30	48	0.1503552	150.35524	* See Field Investigation Below
13:35	48	0.1300451	130.04509	* See Field Investigation Below
13:40	48	0.1292305	129.23053	* See Field Investigation Below
13:45	48	0.125587	125.58698	* See Field Investigation Below
13:50	48	0.1206429	120.6429	* See Field Investigation Below
13:55	48	0.1152667	115.26672	* See Field Investigation Below
14:00	48	0.1043485	104.34853	* See Field Investigation Below
14:05	48	0.0670077	67.007678	* See Field Investigation Below
14:10	48	0.0284607	28.460719	
14:15	48	0.0454333	45.433274	
14:30	48	0.0014867	1.486653	
14:45	48	0.0007823	0.7823436	
15:00	48	0.0036179	3.6179412	
15:15	48	7.379E-05	0.0737879	
15:30	48	0.0014776	1.47761	
15:45	48	0	0	
16:00	48	0	0	
16:15	48	0	0	
16:30	48	0	0	
16:45	48	0	0	
17:00	48	0	0	
17:15	48	0	0	
17:30	48	0	0	
17:45	48	0	0	
18:00	48	0	0	
18:15	48	0	0	
18:30	48	0	0	
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	2.55E-06	0.0025497	
20:45	48	0.00272	2.7200282	
21:00	48	0.0031426	3.1425625	
21:15	48	0.001344	1.3440399	
21:30	48	0.000514	0.5139529	

21:45	48	6.706E-05	0.0670622
22:00	48	0.0003205	0.3204758
22:15	48	0.002264	2.2639517
22:30	48	0.0007135	0.7134707
22:45	48	0.0004653	0.4653008
23:00	48	0.0005613	0.5612556
23:15	48	0.0004603	0.4603034
23:30	48	9.037E-05	0.0903713
23:45	48	0.0002041	0.20406

20:45	56	0.01212	12.119	21:45	63	0.030	30.182	21:45	N/A	0.0377686	37.768612	19:45	48	0.0723419	72.34192	* See Field Investigation Below
21:00	56	0.00873	8.730	22:00	63	0.030	30.292	22:00	N/A	0.0305624	30.562357	19:50	48	0.0701571	70.157079	* See Field Investigation Below
21:15	56	0.00566	5.663	22:15	63	0.031	31.178	22:15	N/A	0.027738	27.737957	19:55	48	0.0688322	68.832249	* See Field Investigation Below
21:30	56	0.00557	5.571	22:30	63	0.032	32.439	22:30	N/A	0.0282109	28.210863	20:00	48	0.0667924	66.792385	* See Field Investigation Below
21:45	56	0.00654	6.544	22:45	63	0.034	33.908	22:45	N/A	0.028988	28.988012	20:05	48	0.0048221	4.8220566	
22:00	56	0.00799	7.995	23:00	63	0.035	34.682	23:00	N/A	0.025955	25.95503	20:10	48	0.0573968	57.396849	* See Field Investigation Below
22:15	56	0.00974	9.741	23:15	63	0.034	34.449	23:15	N/A	0.0236491	23.649113	20:15	48	0.05794	57.939958	* See Field Investigation Below
22:30	56	0.01224	12.244	23:30	63	0.034	33.973	23:30	N/A	0.0278856	27.885571	20:20	48	0.054588	54.588043	* See Field Investigation Below
22:45	56	0.01485	14.845	23:45	63	0.033	33.493	23:45	N/A	0.0253144	25.314381	20:25	48	0.0505316	50.531601	* See Field Investigation Below
23:00	56	0.01631	16.306192									20:30	48	0.0464817	46.481674	
23:15	56	0.02911	29.108187									20:45	48	0.0401942	40.194202	
23:30	56	0.04014	40.140151									21:00	48	0.0321699	32.169896	
23:45	56	0.02503	25.03322									21:15	48	0.0258563	25.856307	

21:30	48	0.0204249	20.42488
21:45	48	0.0140314	14.031432
22:00	48	0.0083761	8.3761002
22:15	48	0.004234	4.2340405
22:30	48	0.0021339	2.1339014
22:45	48	0.0014092	1.4092031
23:00	48	8.527E-05	0.0852727
23:15	48	0.0002636	0.2636142
23:30	48	0.0001141	0.1141421
23:45	48	0.0006521	0.6521343

* 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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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
02	0.47	0	0	0	1.5
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)

6/19/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/19/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/19/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/19/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.01652	16.518	0:00	63	0.033	33.291	0:00	N/A	0.0233342	23.334224	0:00	48	0.0007595	0.7594806	
0:15	56	0.01921	19.211	0:15	63	0.033	33.118	0:15	N/A	0.024035	24.034959	0:15	48	0.0011357	1.135736	
0:30	56	0.02001	20.006	0:30	63	0.033	33.115	0:30	N/A	0.0205535	20.553496	0:30	48	0.0013074	1.3073806	
0:45	56	0.02104	21.044	0:45	63	0.034	33.660	0:45	N/A	0.0180509	18.050893	0:45	48	6.216E-05	0.0621633	
1:00	56	0.02034	20.344	1:00	63	0.034	33.663	1:00	N/A	0.0169257	16.925708	1:00	48	0.0008181	0.8180889	
1:15	56	0.02073	20.729	1:15	63	0.034	33.801	1:15	N/A	0.0163487	16.348707	1:15	48	0.0026671	2.6670672	
1:30	56	0.02077	20.773	1:30	63	0.034	34.398	1:30	N/A	0.0154256	15.425582	1:30	48	0.0002236	0.2235598	
1:45	56	0.01918	19.184	1:45	63	0.035	34.777	1:45	N/A	0.0145378	14.537788	1:45	48	0.0009202	0.920173	
2:00	56	0.01947	19.468	2:00	63	0.035	34.934	2:00	N/A	0.0139176	13.91761	2:00	48	2.404E-05	0.0240391	
2:15	56	0.01937	19.374	2:15	63	0.035	34.807	2:15	N/A	0.0150714	15.071358	2:15	48	0.0019344	1.9344254	
2:30	56	0.01961	19.612	2:30	63	0.035	35.105	2:30	N/A	0.0158098	15.809773	2:30	48	0.0241261	24.126107	
2:45	56	0.02035	20.353	2:45	63	0.035	35.466	2:45	N/A	0.0148216	14.821572	2:45	48	0.0161868	16.18679	
3:00	56	0.01915	19.153	3:00	63	0.035	35.301	3:00	N/A	0.0129131	12.913071	2:50	48	0.1102305	110.23045	* See Field Investigation Below
3:15	56	0.02018	20.181	3:15	63	0.035	35.125	3:15	N/A	0.011908	11.907953	2:55	48	0.1557501	155.75008	* See Field Investigation Below
3:30	56	0.02082	20.816	3:30	63	0.035	34.982	3:30	N/A	0.0115942	11.59416	3:00	48	0	0	
3:45	56	0.01835	18.351	3:45	63	0.035	34.974	3:45	N/A	0.0109043	10.904313	3:15	48	0	0	
4:00	56	0.01889	18.890	4:00	63	0.035	34.570	4:00	N/A	0.0099171	9.917133	3:30	48	0	0	
4:15	56	0.01953	19.529	4:15	63	0.034	33.815	4:15	N/A	0.0091633	9.1633376	3:45	48	0	0	
4:30	56	0.01876	18.757	4:30	63	0.033	33.255	4:30	N/A	0.0103943	10.39427	4:00	48	0	0	
4:45	56	0.01693	16.926	4:45	63	0.033	32.857	4:45	N/A	0.0104814	10.481424	4:15	48	0	0	
5:00	56	0.02468	24.676	5:00	63	0.033	32.508	5:00	N/A	0.0106166	10.61659	4:30	48	0	0	
5:15	56	0.02988	29.881	5:15	63	0.032	32.372	5:15	N/A	0.0110072	11.007226	4:45	48	0.0001046	0.1045695	
5:30	56	0.00457	4.569	5:30	63	0.032	32.337	5:30	N/A	0.0093049	9.3049492	5:00	48	0.0022534	2.2534167	
5:45	56	0.01601	16.011	5:45	63	0.032	32.133	5:45	N/A	0.0078429	7.8429237	5:15	48	0.0001088	0.1087894	
6:00	56	0.01874	18.740	6:00	63	0.033	32.840	6:00	N/A	0.0073721	7.3720681	5:30	48	4.17E-06	0.0041697	
6:15	56	0.01803	18.027	6:15	63	0.033	33.292	6:15	N/A	0.0070816	7.0816293	5:45	48	0.0017334	1.7334479	
6:30	56	0.01789	17.892	6:30	63	0.034	33.655	6:30	N/A	0.0072744	7.2744014	6:00	48	0.0015084	1.5084372	
6:45	56	0.01859	18.593	6:45	63	0.035	34.655	6:45	N/A	0.0075176	7.5176434	6:15	48	0.0014193	1.4192778	
7:00	56	0.01791	17.909	7:00	63	0.035	34.859	7:00	N/A	0.0081233	8.1232809	6:30	48	0.0017949	1.7949316	
7:15	56	0.01890	18.904	7:15	63	0.036	36.151	7:15	N/A	0.0092067	9.206655	6:45	48	0.0001627	0.1626898	
7:30	56	0.02015	20.152	7:30	63	0.038	37.685	7:30	N/A	0.0104902	10.49021	7:00	48	0.002449	2.4490468	
7:45	56	0.02066	20.665	7:45	63	0.038	38.162	7:45	N/A	0.0119242	11.924216	7:15	48	5.804E-05	0.0580412	
8:00	56	0.01981	19.807	8:00	63	0.038	38.147	8:00	N/A	0.0135917	13.591741	7:30	48	0.0006592	0.6592252	

21:30	56	0.01570	15.695	21:00	63	0.049	48.572	21:30	N/A	0.0272478	27.247799	21:00	48	0.0005158	0.5157612	
21:45	56	0.01754	17.540	21:15	63	0.050	50.041	21:45	N/A	0.0279482	27.948163	21:15	48	0	0	
22:00	56	0.01868	18.680	21:30	63	0.053	52.668	22:00	N/A	0.0287237	28.723725	21:30	48	0	0	
22:15	56	0.01889	18.890	21:45	63	0.055	55.023	22:15	N/A	0.0281309	28.130932	21:45	48	0	0	
22:30	56	0.02058	20.582	22:00	63	0.057	56.713	22:30	N/A	0.0268513	26.851323	22:00	48	0	0	
22:45	56	0.02212	22.115	22:15	63	0.057	56.923	22:45	N/A	0.0267415	26.741488	22:15	48	0	0	
23:00	56	0.02329	23.285	22:30	63	0.057	56.650	23:00	N/A	0.0266883	26.688328	22:30	48	0	0	
23:15	56	0.02339	23.385	22:45	63	0.058	57.857	23:15	N/A	0.0267927	26.792691	22:45	48	0	0	
23:30	56	0.02421	24.212	23:00	63	0.060	60.153	23:30	N/A	0.0266864	26.686391	23:00	48	0	0	
23:45	56	0.02539	25.391	23:15	63	0.061	60.512	23:45	N/A	0.0270805	27.080535	23:15	48	0	0	
				23:30	63	0.060	59.760826					23:30	48	0	0	
				23:45	63	0.060	59.898446					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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Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.18	0	0	0	0.25
Photoionization Detector (PID) activates the collection of a summa canister from the Continuous Air Monitoring Station (CAMS). Please refer to laboratory analytical results from the CAMS summa canisters for a representation of the ambient air quality at the time of collection.					

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

6/20/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/20/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/20/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/20/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.02655	26.548	0:00	63	0.060	60.432	0:00	N/A	0.0281307	28.130671	0:00	48	0	0	
0:15	56	0.02883	28.833	0:15	63	0.061	61.267	0:15	N/A	0.0291555	29.155491	0:15	48	0	0	
0:30	56	0.03035	30.352	0:30	63	0.061	61.214	0:30	N/A	0.0282455	28.245523	0:30	48	0	0	
0:45	56	0.03195	31.946	0:45	63	0.061	61.363	0:45	N/A	0.0265418	26.541773	0:45	48	0	0	
1:00	56	0.03325	33.248	1:00	63	0.061	61.422	1:00	N/A	0.0257624	25.762421	1:00	48	0	0	
1:15	56	0.03481	34.808	1:15	63	0.062	61.764	1:15	N/A	0.0253228	25.32283	1:15	48	0	0	
1:30	56	0.03490	34.900	1:30	63	0.061	61.461	1:30	N/A	0.025495	25.494982	1:30	48	0.0001147	0.1146727	
1:45	56	0.03683	36.828	1:45	63	0.062	62.466	1:45	N/A	0.0254824	25.482435	1:45	48	0.0002539	0.2539441	
2:00	56	0.03648	36.482	2:00	63	0.062	62.331	2:00	N/A	0.0252124	25.212351	2:00	48	0	0	
2:15	56	0.03862	38.619	2:15	63	0.061	61.426	2:15	N/A	0.0249565	24.956525	2:15	48	0	0	
2:30	56	0.03967	39.674	2:30	63	0.061	61.188	2:30	N/A	0.0244996	24.499583	2:30	48	0	0	
2:45	56	0.03864	38.635	2:45	63	0.061	60.792	2:45	N/A	0.0260926	26.092629	2:45	48	0.0006008	0.6007752	
3:00	56	0.04132	41.323	3:00	63	0.060	60.215	3:00	N/A	0.0282026	28.202568	3:00	48	0.001857	1.8569562	
3:15	56	0.03763	37.629	3:15	63	0.059	59.081	3:15	N/A	0.0285598	28.559753	3:15	48	0	0	
3:30	56	0.03740	37.396	3:30	63	0.058	57.555	3:30	N/A	0.026604	26.603979	3:30	48	0	0	
3:45	56	0.03777	37.769	3:45	63	0.056	55.741	3:45	N/A	0.0241057	24.105707	3:45	48	0	0	
4:00	56	0.04441	44.408	4:00	63	0.052	51.545	4:00	N/A	0.0215545	21.554505	4:00	48	0	0	
4:15	56	0.01677	16.771	4:15	63	0.053	53.063	4:15	N/A	0.0209388	20.938842	4:15	48	0	0	
4:30	56	0.00000	0.000	4:30	63	0.056	55.631	4:30	N/A	0.0216675	21.667548	4:30	48	0	0	
4:45	56	0.01207	12.072	4:45	63	0.055	55.144	4:45	N/A	0.0213304	21.330351	4:45	48	0	0	
5:00	56	0.02893	28.931	5:00	63	0.053	53.199	5:00	N/A	0.0199254	19.925354	5:00	48	0	0	
5:15	56	0.03464	34.640	5:15	63	0.051	51.139	5:15	N/A	0.0192302	19.230208	5:15	48	0	0	
5:30	56	0.03406	34.060	5:30	63	0.051	50.551	5:30	N/A	0.0180607	18.060658	5:30	48	0.0002661	0.2660989	
5:45	56	0.03432	34.325	5:45	63	0.050	50.312	5:45	N/A	0.0175105	17.510479	5:45	48	0.0012309	1.2308701	
6:00	56	0.03397	33.966	6:00	63	0.050	50.319	6:00	N/A	0.0171442	17.144226	6:00	48	0	0	
6:15	56	0.04157	41.567	6:15	63	0.051	51.208	6:15	N/A	0.0174146	17.414567	6:15	48	2.781E-05	0.0278096	
6:30	56	0.01687	16.874	6:30	63	0.053	52.623	6:30	N/A	0.0184092	18.409208	6:30	48	0.0001391	0.1390582	
6:45	56	0.03264	32.641	6:45	63	0.054	54.310	6:45	N/A	0.0194073	19.407314	6:45	48	0.0001236	0.123599	
7:00	56	0.04235	42.349	7:00	63	0.055	55.220	7:00	N/A	0.0206741	20.674147	7:00	48	0.0010627	1.0626536	
7:15	56	0.03759	37.588	7:15	63	0.055	55.423	7:15	N/A	0.0208885	20.888537	7:15	48	0	0	
7:30	56	0.03901	39.014	7:30	63	0.056	56.050	7:30	N/A	0.0203003	20.300319	7:30	48	0	0	
7:45	56	0.04048	40.480	7:45	63	0.056	56.464	7:45	N/A	0.0205748	20.574754	7:45	48	0	0	
8:00	56	0.04070	40.704	8:00	63	0.057	56.513	8:00	N/A	0.0207401	20.740074	8:00	48	0	0	

21:30	56	0.02289	22.892	21:30	63	0.049	49.114	21:30	N/A	0	0	21:30	48	0.0164684	16.468405	
21:45	56	0.02416	24.158	21:45	63	0.049	49.170	21:45	N/A	0	0	21:45	48	0.0142951	14.295061	
22:00	56	0.02516	25.162	22:00	63	0.051	51.357	22:00	N/A	0	0	22:00	48	0.012156	12.156005	
22:15	56	0.02629	26.293	22:15	63	0.051	50.708	22:15	N/A	0	0	22:15	48	0.0099269	9.926918	
22:30	56	0.02668	26.682	22:30	63	0.052	52.111	22:30	N/A	0	0	22:30	48	0.0078553	7.8552704	
22:45	56	0.02701	27.008	22:45	63	0.052	52.202	22:45	N/A	0	0	22:45	48	0.0054743	5.4742958	
23:00	56	0.02770	27.703	23:00	63	0.052	52.001	23:00	N/A	0	0	23:00	48	0.0031804	3.1803927	
23:15	56	0.02888	28.881	23:15	63	0.052	51.530	23:15	N/A	0	0	23:15	48	0.0011321	1.1320943	
23:30	56	0.03027	30.271	23:30	63	0.053	52.522	23:30	N/A	0	0	23:30	48	0.0001182	0.1181583	
23:45	56	0.02918	29.178	23:45	63	0.052	52.370	23:45	N/A	0	0	23:45	48	0.1764697	176.46971	*See Field Investigation Below
												23:50	48	0.0637542	63.754244	*See Field Investigation Below
												23:55	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)

6/21/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/21/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/21/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/21/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.03073	30.727	0:00	63	0.052	51.975	0:00	N/A	0	0	0:00	48	0.0343064	34.306434	
0:15	56	0.02956	29.560	0:15	63	0.051	50.655	0:15	N/A	0	0	0:15	48	0	0	
0:30	56	0.03057	30.573	0:30	63	0.050	49.877	0:30	N/A	0	0	0:30	48	0.041953	41.953022	
0:45	56	0.02971	29.708	0:45	63	0.050	49.795	0:45	N/A	0	0	0:45	48	0.0401306	40.130646	
1:00	56	0.03145	31.446	1:00	63	0.049	49.134	1:00	N/A	0	0	1:00	48	0.0003041	0.3040705	
1:15	56	0.03112	31.119	1:15	63	0.048	48.493	1:15	N/A	0	0	1:15	48	0.0002909	0.2908751	
1:30	56	0.02990	29.898	1:30	63	0.048	48.340	1:30	N/A	0	0	1:30	48	0.0010027	1.0027325	
1:45	56	0.02989	29.888	1:45	63	0.046	46.201	1:45	N/A	0	0	1:45	48	0.000959	0.9590435	
2:00	56	0.03026	30.264	2:00	63	0.045	45.369	2:00	N/A	0	0	2:00	48	0	0	
2:15	56	0.02838	28.380	2:15	63	0.045	44.883	2:15	N/A	0	0	2:15	48	0.0006386	0.6385512	
2:30	56	0.02905	29.052	2:30	63	0.045	44.652	2:30	N/A	0	0	2:30	48	0.0018872	1.8872302	
2:45	56	0.02839	28.393	2:45	63	0.044	44.352	2:45	N/A	0	0	2:45	48	0.0014914	1.4913916	
3:00	56	0.02687	26.866	3:00	63	0.044	44.061	3:00	N/A	0	0	3:00	48	0.0005629	0.5628905	
3:15	56	0.02832	28.322	3:15	63	0.044	43.631	3:15	N/A	0	0	3:15	48	0.0008282	0.8281511	
3:30	56	0.02786	27.862	3:30	63	0.044	43.552	3:30	N/A	0	0	3:30	48	0.000814	0.8139531	
3:45	56	0.02801	28.010	3:45	63	0.044	43.875	3:45	N/A	0	0	3:45	48	0.0015182	1.518247	
4:00	56	0.02981	29.808	4:00	63	0.044	43.932	4:00	N/A	0	0	4:00	48	0.0007009	0.7009486	
4:15	56	0.02906	29.063	4:15	63	0.044	44.368	4:15	N/A	0	0	4:15	48	0.0090405	9.0404599	
4:30	56	0.02873	28.734	4:30	63	0.045	44.724	4:30	N/A	0	0	4:30	48	0.0172489	17.248881	
4:45	56	0.02938	29.379	4:45	63	0.046	46.477	4:45	N/A	0	0	4:45	48	0.0038821	3.8821148	
5:00	56	0.02771	27.707	5:00	63	0.048	48.335	5:00	N/A	0	0	5:00	48	0.0014658	1.4657885	
5:15	56	0.05141	51.414	5:15	63	0.046	45.894	5:15	N/A	0	0	5:15	48	0.0031688	3.1687751	
5:30	56	0.02122	21.224	5:30	63	0.046	45.914	5:30	N/A	0	0	5:30	48	0.0003906	0.3905823	
5:45	56	0.03019	30.190	5:45	63	0.046	46.299	5:45	N/A	0	0	5:45	48	0.0004121	0.4121279	
6:00	56	0.03063	30.625	6:00	63	0.046	45.796	6:00	N/A	0	0	6:00	48	0.0007516	0.7516188	
6:15	56	0.03012	30.116	6:15	63	0.045	45.267	6:15	N/A	0	0	6:15	48	0	0	
6:30	56	0.03169	31.692	6:30	63	0.046	45.904	6:30	N/A	0	0	6:30	48	0	0	
6:45	56	0.03035	30.354	6:45	63	0.046	46.203	6:45	N/A	0	0	6:45	48	0	0	
7:00	56	0.02912	29.121	7:00	63	0.047	46.508	7:00	N/A	0	0	7:00	48	0	0	
7:15	56	0.02959	29.587	7:15	63	0.046	45.747	7:15	N/A	0	0	7:15	48	0	0	
7:30	56	0.02881	28.806	7:30	63	0.046	45.543	7:30	N/A	0	0	7:30	48	0	0	
7:45	56	0.02772	27.724	7:45	63	0.046	46.054	7:45	N/A	0	0	7:45	48	0	0	
8:00	56	0.02883	28.834	8:00	63	0.046	46.051	8:00	N/A	0	0	8:00	48	0	0	
8:15	56	0.02804	28.039	8:15	63	0.046	46.130	8:15	N/A	0	0	8:15	48	0	0	
8:30	56	0.02868	28.682	8:30	63	0.047	46.547	8:30	N/A	0	0	8:30	48	0	0	
8:45	56	0.02847	28.466	8:45	63	0.047	47.304	8:45	N/A	0	0	8:45	48	0	0	
9:00	56	0.02928	29.284	9:00	63	0.047	46.942	9:00	N/A	0	0	9:00	48	0	0	
9:15	56	0.02827	28.275	9:15	63	0.047	46.931	9:15	N/A	0	0	9:15	48	0	0	
9:30	56	0.02785	27.852	9:30	63	0.047	47.217	9:30	N/A	0	0	9:30	48	5.143E-05	0.0514303	
9:45	56	0.02715	27.147	9:45	63	0.045	45.152	9:45	N/A	0	0	9:45	48	0.0005996	0.599569	
10:00	56	0.02458	24.581	10:00	63	0.043	42.816	10:00	N/A	0	0	10:00	48	0.002042	2.0419961	
10:15	56	0.02264	22.636	10:15	63	0.042	41.797	10:15	N/A	0	0	10:15	48	0.0043838	4.3837676	
10:30	56	0.02129	21.287	10:30	63	0.041	41.169	10:30	N/A	0	0	10:30	48	0.0066092	6.6091653	



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

6/22/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/22/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/22/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/22/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.01568	15.677245	0:00	63	0.036	35.599527	0:00	N/A	0	0	0:00	48	0	0	
0:15	56	0.01639	16.389397	0:15	63	0.038	37.603103	0:15	N/A	0	0	0:15	48	0	0	
0:30	56	0.02960	29.598558	0:30	63	0.039	39.34895	0:30	N/A	0	0	0:30	48	0	0	
0:45	56	0.03093	30.928762	0:45	63	0.040	39.991427	0:45	N/A	0	0	0:45	48	0.0004418	0.4417993	
1:00	56	0.01975	19.752332	1:00	63	0.041	40.575286	1:00	N/A	0	0	1:00	48	0.0002209	0.2209052	
1:15	56	0.01977	19.773099	1:15	63	0.038	38.446002	1:15	N/A	0	0	1:15	48	0	0	
1:30	56	0.02056	20.555678	1:30	63	0.038	38.385247	1:30	N/A	0	0	1:30	48	0	0	
1:45	56	0.02040	20.395125	1:45	63	0.038	38.132774	1:45	N/A	0	0	1:45	48	0	0	
2:00	56	0.01988	19.883421	2:00	63	0.038	38.155948	2:00	N/A	0	0	2:00	48	0	0	
2:15	56	0.01917	19.165357	2:15	63	0.039	38.519562	2:15	N/A	0	0	2:15	48	0	0	
2:30	56	0.02033	20.327138	2:30	63	0.039	38.551678	2:30	N/A	0	0	2:30	48	0	0	
2:45	56	0.02244	22.436195	2:45	63	0.040	39.964611	2:45	N/A	0	0	2:45	48	0	0	
3:00	56	0.02334	23.33713	3:00	63	0.040	40.398893	3:00	N/A	0	0	3:00	48	0	0	
3:15	56	0.02283	22.825569	3:15	63	0.040	40.330848	3:15	N/A	0	0	3:15	48	0	0	
3:30	56	0.02204	22.043115	3:30	63	0.041	41.096039	3:30	N/A	0	0	3:30	48	0	0	
3:45	56	0.02217	22.171805	3:45	63	0.040	40.165438	3:45	N/A	0	0	3:45	48	0	0	
4:00	56	0.02159	21.592953	4:00	63	0.040	40.366397	4:00	N/A	0	0	4:00	48	0	0	
4:15	56	0.02130	21.295688	4:15	63	0.040	40.091279	4:15	N/A	0	0	4:15	48	0	0	
4:30	56	0.02107	21.074123	4:30	63	0.040	40.272296	4:30	N/A	0	0	4:30	48	0	0	
4:45	56	0.02067	20.667073	4:45	63	0.040	40.11163	4:45	N/A	0	0	4:45	48	0	0	
5:00	56	0.02033	20.334857	5:00	63	0.039	39.204344	5:00	N/A	0	0	5:00	48	0	0	
5:15	56	0.02029	20.289976	5:15	63	0.039	39.012505	5:15	N/A	0	0	5:15	48	0	0	
5:30	56	0.02041	20.413159	5:30	63	0.039	39.068932	5:30	N/A	0	0	5:30	48	0	0	
5:45	56	0.02036	20.364981	5:45	63	0.039	39.305808	5:45	N/A	0	0	5:45	48	0	0	
6:00	56	0.02078	20.776241	6:00	63	0.040	39.983466	6:00	N/A	0	0	6:00	48	0	0	
6:15	56	0.02234	22.336867	6:15	63	0.040	40.282405	6:15	N/A	0	0	6:15	48	0	0	
6:30	56	0.02266	22.662843	6:30	63	0.041	40.665359	6:30	N/A	0	0	6:30	48	0	0	
6:45	56	0.02194	21.935106	6:45	63	0.041	40.986452	6:45	N/A	0	0	6:45	48	0	0	
7:00	56	0.02137	21.368679	7:00	63	0.041	40.975745	7:00	N/A	0	0	7:00	48	0	0	
7:15	56	0.02152	21.520597	7:15	63	0.041	40.841111	7:15	N/A	0	0	7:15	48	0	0	
7:30	56	0.02141	21.406266	7:30	63	0.041	41.161848	7:30	N/A	0	0	7:30	48	0	0	
7:45	56	0.02189	21.887135	7:45	63	0.042	41.537729	7:45	N/A	0	0	7:45	48	0	0	
8:00	56	0.02313	23.127684	8:00	63	0.042	41.79564	8:00	N/A	0	0	8:00	48	0	0	
8:15	56	0.02379	23.789439	8:15	63	0.042	41.776077	8:15	N/A	0	0	8:15	48	0	0	
8:30	56	0.02211	22.112325	8:30	63	0.042	42.091568	8:30	N/A	0	0	8:30	48	0	0	
8:45	56	0.01426	14.260087	8:45	63	0.042	42.063481	8:45	N/A	0	0	8:45	48	0	0	
9:00	56	0.00469	4.6946947	9:00	63	0.043	42.665213	9:00	N/A	0	0	9:00	48	0	0	
9:15	56	0.00185	1.8531035	9:15	63	0.043	42.818422	9:15	N/A	0	0	9:15	48	0	0	
9:30	56	0.00306	3.0614325	9:30	63	0.042	41.989775	9:30	N/A	0	0	9:30	48	0	0	
9:45	56	0.00483	4.8334516	9:45	63	0.042	42.027062	9:45	N/A	0	0	9:45	48	0	0	
10:00	56	0.00589	5.8865894	10:00	63	0.042	42.02734	10:00	N/A	0	0	10:00	48	0	0	
10:15	56	0.00536	5.3590919	10:15	63	0.042	41.681766	10:15	N/A	0	0	10:15	48	0	0	
10:30	56	0.00521	5.2083868	10:30	63	0.042	41.605179	10:30	N/A	0	0	10:30	48	0	0	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.15	0	0	0	0.48
04	0.22	0	0	0	0.33

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)																
6/23/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/23/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/23/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/23/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.02034	20.342406	0:00	63	0.029	29.404587	0:00	N/A	0	0	0:00	48	0	0	
0:15	56	0.01977	19.772059	0:15	63	0.029	29.32473	0:15	N/A	0	0	0:15	48	0.0001835	0.1834825	
0:30	56	0.01966	19.662935	0:30	63	0.029	29.229243	0:30	N/A	0	0	0:30	48	3.133E-05	0.0313274	
0:45	56	0.02030	20.30232	0:45	63	0.029	29.296016	0:45	N/A	0	0	0:45	48	0	0	
1:00	56	0.01857	18.572297	1:00	63	0.029	29.117977	1:00	N/A	0	0	1:00	48	0	0	
1:15	56	0.02037	20.370313	1:15	63	0.029	29.154009	1:15	N/A	0	0	1:15	48	0	0	
1:30	56	0.01980	19.802863	1:30	63	0.030	29.54848	1:30	N/A	0	0	1:30	48	0	0	
1:45	56	0.01965	19.647347	1:45	63	0.030	29.568791	1:45	N/A	0	0	1:45	48	0	0	
2:00	56	0.02320	23.201836	2:00	63	0.029	28.916232	2:00	N/A	0	0	2:00	48	0	0	
2:15	56	0.02042	20.419437	2:15	63	0.029	28.869772	2:15	N/A	0	0	2:15	48	0.0011097	1.1096599	
2:30	56	0.01968	19.678704	2:30	63	0.029	29.235952	2:30	N/A	0	0	2:30	48	0.0010833	1.0833392	
2:45	56	0.02110	21.104181	2:45	63	0.029	29.021569	2:45	N/A	0	0	2:45	48	0.0003341	0.3340592	
3:00	56	0.12772	127.71939	3:00	63	0.029	28.883701	3:00	N/A	0	0	3:00	48	3.239E-05	0.0323856	* See Field Investigation Below
3:05	56	0.08375	83.745793	3:15	63	0.029	29.441564	3:15	N/A	0	0	3:15	48	0	0	* See Field Investigation Below
3:10	56	0.00000	0	3:30	63	0.029	29.155323	3:30	N/A	0	0	3:30	48	0	0	
3:15	56	0.01383	13.830546	3:45	63	0.029	28.952016	3:45	N/A	0	0	3:45	48	0	0	
3:30	56	0.04219	42.192737	4:00	63	0.029	29.22528	4:00	N/A	0	0	4:00	48	0	0	
3:45	56	0.01206	12.056046	4:15	63	0.029	28.879119	4:15	N/A	0	0	4:15	48	0	0	
4:00	56	0.00000	0	4:30	63	0.029	29.265086	4:30	N/A	0	0	4:30	48	0	0	
4:15	56	0.00000	0	4:45	63	0.029	29.445018	4:45	N/A	0	0	4:45	48	0	0	
4:30	56	0.00000	0	5:00	63	0.029	29.481847	5:00	N/A	0	0	5:00	48	0	0	
4:45	56	0.00000	0	5:15	63	0.029	29.043962	5:15	N/A	0	0	5:15	48	0	0	
5:00	56	0.00000	0	5:30	63	0.029	29.247522	5:30	N/A	0	0	5:30	48	0	0	
5:15	56	0.01112	11.120337	5:45	63	0.029	29.419937	5:45	N/A	0	0	5:45	48	0	0	
5:30	56	0.01911	19.105503	6:00	63	0.029	29.380707	6:00	N/A	0	0	6:00	48	0	0	
5:45	56	0.02008	20.076687	6:15	63	0.029	29.427072	6:15	N/A	0	0	6:15	48	0.00011	0.1099756	
6:00	56	0.02310	23.102328	6:30	63	0.029	29.40107	6:30	N/A	0	0	6:30	48	4.93E-05	0.0493041	
6:15	56	0.02142	21.417196	6:45	63	0.029	29.046225	6:45	N/A	0	0	6:45	48	0	0	
6:30	56	0.02152	21.520031	7:00	63	0.030	30.11916	7:00	N/A	0	0	7:00	48	0	0	
6:45	56	0.02132	21.318503	7:15	63	0.030	29.751726	7:15	N/A	0	0	7:15	48	0	0	
7:00	56	0.02180	21.798601	7:30	63	0.030	30.054008	7:30	N/A	0	0	7:30	48	0	0	
7:15	56	0.02113	21.132223	7:45	63	0.030	29.844992	7:45	N/A	0	0	7:45	48	0	0	

20:45	56	0.01963	19.626409	21:15	63	0.031	30.827636	21:15	N/A	0.0144748	14.4748	17:15	48	0.16392	163.92005	* See Field Investigation Below
21:00	56	0.03925	39.254676	21:30	63	0.034	33.52462	21:30	N/A	0.0144862	14.486219	17:20	48	0.1648502	164.85017	* See Field Investigation Below
21:15	56	0.00000	0	21:45	63	0.036	36.129514	21:45	N/A	0.0141259	14.125944	17:25	48	0.1662258	166.2258	* See Field Investigation Below
21:30	56	0.02513	25.126863	22:00	63	0.036	36.193737	22:00	N/A	0.0139595	13.959531	17:30	48	0.1661147	166.11468	* See Field Investigation Below
21:45	56	0.30755	307.54889	22:15	63	0.036	36.003844	22:15	N/A	0.013509	13.509046	17:35	48	0.1639648	163.96482	* See Field Investigation Below
21:50	56	0.02144	21.435645	22:30	63	0.036	36.160427	22:30	N/A	0.0143733	14.373312	17:40	48	0.1612121	161.21209	* See Field Investigation Below
21:55	56	0.00000	0	22:45	63	0.036	35.693678	22:45	N/A	0.013506	13.505978	17:45	48	0.1589961	158.99608	* See Field Investigation Below
22:00	56	0.00000	0	23:00	63	0.035	35.117162	23:00	N/A	0.0140567	14.056695	17:50	48	0.1587556	158.75564	* See Field Investigation Below
22:15	56	0.00000	0	23:15	63	0.036	35.657593	23:15	N/A	0.0147147	14.714694	17:55	48	0.1640029	164.00292	* See Field Investigation Below
22:30	56	0.00000	0	23:30	63	0.036	36.211537	23:30	N/A	0.0142845	14.284484	18:00	48	0.1619842	161.98424	* See Field Investigation Below
22:45	56	0.00000	0	23:45	63	0.037	36.60662	23:45	N/A	0.0141083	14.108278	18:05	48	0.1597635	159.76347	* See Field Investigation Below
23:00	56	0.00000	0									18:10	48	0.1578608	157.86084	* See Field Investigation Below
23:15	56	0.02638	26.375299									18:15	48	0.1560984	156.09837	* See Field Investigation Below
23:30	56	0.23595	235.9494									18:20	48	0.1551456	155.14557	* See Field Investigation Below
23:35	56	0.01766	17.663476									18:25	48	0.154683	154.68305	* See Field Investigation Below
23:40	56	0.00080	0.8032512									18:30	48	0.1548199	154.81987	* See Field Investigation Below
23:45	56	0.26949	269.49018									18:35	48	0.1530223	153.02232	* See Field Investigation Below
23:50	56	0.07723	77.234837									18:40	48	0.1414681	141.4681	* See Field Investigation Below
23:55	56	0.00000	0									18:45	48	0.1562396	156.23965	* 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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18:50	48	0.1572339	157.23389	* See Field Investigation Below
18:55	48	0.1585926	158.59262	* See Field Investigation Below
19:00	48	0.1597381	159.73814	* See Field Investigation Below
19:05	48	0.160946	160.946	* See Field Investigation Below
19:10	48	0.1623411	162.34106	* See Field Investigation Below
19:15	48	0.1641293	164.12927	* See Field Investigation Below
19:20	48	0.1662469	166.24691	* See Field Investigation Below
19:25	48	0.1688726	168.87263	* See Field Investigation Below
19:30	48	0.1714663	171.46629	* See Field Investigation Below
19:35	48	0.1752005	175.20054	* See Field Investigation Below
19:40	48	0.1789998	178.99984	* See Field Investigation Below
19:45	48	0.182424	182.42395	* See Field Investigation Below
19:50	48	0.1857276	185.72758	* See Field Investigation Below
19:55	48	0.1887956	188.7956	* See Field Investigation Below
20:00	48	0.192318	192.31803	* See Field Investigation Below
20:05	48	0.1951466	195.14662	* See Field Investigation Below
20:10	48	0.1960172	196.01725	* See Field Investigation Below
20:15	48	0.1969066	196.90657	* See Field Investigation Below
20:20	48	0.1983329	198.3329	* See Field Investigation Below
20:25	48	0.1993261	199.32615	* See Field Investigation Below
20:30	48	0.2001187	200.1187	* See Field Investigation Below
20:35	48	0.1862261	186.22607	* See Field Investigation Below
20:40	48	0.2013104	201.31043	* See Field Investigation Below
20:45	48	0.2044783	204.47835	* See Field Investigation Below
20:50	48	0.2066219	206.62189	* See Field Investigation Below
20:55	48	0.2118406	211.84056	* See Field Investigation Below
21:00	48	0.2114258	211.42583	* See Field Investigation Below
21:05	48	0.1987145	198.71452	* See Field Investigation Below
21:10	48	0.2042459	204.2459	* See Field Investigation Below
21:15	48	0.2148284	214.82838	* See Field Investigation Below
21:20	48	0.2163833	216.38328	* See Field Investigation Below
21:25	48	0.2176353	217.63529	* See Field Investigation Below
21:30	48	0.2198901	219.89014	* See Field Investigation Below
21:35	48	0.2237687	223.76874	* See Field Investigation Below

21:40	48	0.2235342	223.53415	* See Field Investigation Below
21:45	48	0.2230797	223.07969	* See Field Investigation Below
21:50	48	0.22286	222.85998	* See Field Investigation Below
21:55	48	0.2246558	224.65575	* See Field Investigation Below
22:00	48	0.2299465	229.94648	* See Field Investigation Below
22:05	48	0.2288933	228.89329	* See Field Investigation Below
22:10	48	0.2243837	224.38369	* See Field Investigation Below
22:15	48	0.2227992	222.79925	* See Field Investigation Below
22:20	48	0.2214891	221.48913	* See Field Investigation Below
22:25	48	0.2282273	228.22732	* See Field Investigation Below
22:30	48	0.2310674	231.06735	* See Field Investigation Below
22:35	48	0.2232743	223.27432	* See Field Investigation Below
22:40	48	0.2213491	221.3491	* See Field Investigation Below
22:45	48	0.2198785	219.87848	* See Field Investigation Below
22:50	48	0.2222077	222.20767	* See Field Investigation Below
22:55	48	0.2228406	222.84061	* See Field Investigation Below
23:00	48	0.2197819	219.7819	* See Field Investigation Below
23:05	48	0.2174254	217.42541	* See Field Investigation Below
23:10	48	0.2208942	220.89418	* See Field Investigation Below
23:15	48	0.2266299	226.62995	* See Field Investigation Below
23:20	48	0.2188247	218.82472	* See Field Investigation Below
23:25	48	0.2169733	216.9733	* See Field Investigation Below
23:30	48	0.2162391	216.23912	* See Field Investigation Below
23:35	48	0.2163494	216.34941	* See Field Investigation Below
23:40	48	0.2228777	222.87774	* See Field Investigation Below
23:45	48	0.2174944	217.49443	* See Field Investigation Below
23:50	48	0.2166386	216.63863	* See Field Investigation Below
23:55	48	0.219664	219.66405	* See Field Investigation Below



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

Table with 17 columns: 6/24/2023 Time, Current Action Level ppbv, CAMS 1 VOC ppmv, CAMS 1 VOC ppbv, 6/24/2023 Time, Current Action Level ppbv, CAMS 2 VOC ppmv, CAMS 2 VOC ppbv, 6/24/2023 Time, Current Action Level ppbv, CAMS 3 VOC ppmv, CAMS 3 VOC ppbv, 6/24/2023 Time, Current Action Level ppbv, CAMS 4 VOC ppmv, CAMS 4 VOC ppbv, Notes. Rows show hourly data from 0:00 to 10:30.

10:45	56	0.02670	26.699025	10:45	63	0.031	31.386188	10:45	N/A	0.014134	14.13402	3:35	48	0.0959674	95.967388	* See Field Investigation Below
11:00	56	0.02955	29.545909	11:00	63	0.036	36.039105	11:00	N/A	0.0151942	15.194232	3:40	48	0	0	* See Field Investigation Below
11:15	56	0.02930	29.296918	11:15	63	0.036	36.163477	11:15	N/A	0.0148826	14.882581	3:45	48	0.0006725	0.6724801	* See Field Investigation Below
11:30	56	0.02824	28.239695	11:30	63	0.037	36.735215	11:30	N/A	0.0154821	15.482132	3:50	48	0.2258126	225.81255	* See Field Investigation Below
11:45	56	0.03119	31.194388	11:45	63	0.036	36.275007	11:45	N/A	0.0157754	15.77541	3:55	48	0.2200125	220.01254	* See Field Investigation Below
12:00	56	0.01961	19.606838	12:00	63	0.031	31.366756	12:00	N/A	0.0171477	17.147681	4:00	48	0.2165551	216.55514	* See Field Investigation Below
12:15	56	0.01844	18.439519	12:15	63	0.020	19.812315	12:15	N/A	0.0161499	16.149856	4:05	48	0.2148489	214.84892	* See Field Investigation Below
12:30	56	0.01815	18.153682	12:30	63	0.030	30.211477	12:30	N/A	0.0163349	16.334935	4:10	48	0.2217997	221.79972	* See Field Investigation Below
12:45	56	0.01373	13.734732	12:45	63	0.020	19.632752	12:45	N/A	0.0159107	15.91066	4:15	48	0.2175486	217.54864	* See Field Investigation Below
13:00	56	0.01251	12.505914	13:00	63	0.021	20.788681	13:00	N/A	0.0148484	14.848378	4:20	48	0.2154268	215.42685	* See Field Investigation Below
13:15	56	0.01669	16.685095	13:15	63	0.021	21.480865	13:15	N/A	0.0139864	13.986378	4:25	48	0.2144085	214.40849	* See Field Investigation Below
13:30	56	0.01982	19.816824	13:30	63	0.030	29.783682	13:30	N/A	0.0152056	15.205614	4:30	48	0.2217312	221.73119	* See Field Investigation Below
13:45	56	0.01609	16.09311	13:45	63	0.027	26.50465	13:45	N/A	0.0142172	14.217208	4:35	48	0.2192769	219.27688	* See Field Investigation Below
14:00	56	0.01868	18.68052	14:00	63	0.036	35.702684	14:00	N/A	0.0143482	14.348223	4:40	48	0.2148918	214.89176	* See Field Investigation Below
14:15	56	0.01160	11.597013	14:15	63	0.022	21.936565	14:15	N/A	0.0122072	12.207167	4:45	48	0.2128418	212.8418	* See Field Investigation Below
14:30	56	0.01381	13.808186	14:30	63	0.026	26.268986	14:30	N/A	0.0122736	12.273594	4:50	48	0.2173617	217.36174	* See Field Investigation Below
14:45	56	0.02137	21.366295	14:45	63	0.031	30.518983	14:45	N/A	0.0141772	14.177236	4:55	48	0.2165914	216.5914	* See Field Investigation Below
15:00	56	0.02244	22.439669	15:00	63	0.035	34.781706	15:00	N/A	0.0136529	13.652902	5:00	48	0.2146471	214.64706	* See Field Investigation Below
15:15	56	0.01481	14.814575	15:15	63	0.030	30.453437	15:15	N/A	0.013107	13.107015	5:05	48	0.2173656	217.36559	* See Field Investigation Below
15:30	56	0.01353	13.534917	15:30	63	0.026	26.04159	15:30	N/A	0.0120131	12.013144	5:10	48	0.2192838	219.28377	* See Field Investigation Below
15:45	56	0.01344	13.43559	15:45	63	0.027	26.515109	15:45	N/A	0.0124356	12.435643	5:15	48	0.2134734	213.47343	* See Field Investigation Below
16:00	56	0.01331	13.309281	16:00	63	0.022	21.981491	16:00	N/A	0.0115859	11.585938	5:20	48	0.2030759	203.07593	* See Field Investigation Below
16:15	56	0.01360	13.596159	16:15	63	0.026	26.228095	16:15	N/A	0.0110854	11.085355	5:25	48	0.2060602	206.06019	* See Field Investigation Below
16:30	56	0.01852	18.516858	16:30	63	0.032	32.395888	16:30	N/A	0.0121634	12.163402	5:30	48	0.2172958	217.29582	* See Field Investigation Below
16:45	56	0.01695	16.947754	16:45	63	0.030	29.654557	16:45	N/A	0.0124706	12.470566	5:35	48	0.2185513	218.55128	* See Field Investigation Below
17:00	56	0.01307	13.066324	17:00	63	0.030	29.684625	17:00	N/A	0.012897	12.896991	5:40	48	0.2163026	216.30263	* See Field Investigation Below
17:15	56	0.01273	12.733651	17:15	63	0.026	25.710289	17:15	N/A	0.0134731	13.473091	5:45	48	0.2166987	216.69869	* See Field Investigation Below
17:30	56	0.00710	7.0963311	17:30	63	0.021	20.551724	17:30	N/A	0.0141735	14.173507	5:50	48	0.2166381	216.63807	* See Field Investigation Below
17:45	56	0.01270	12.698523	17:45	63	0.025	24.902311	17:45	N/A	0.0137779	13.777947	5:55	48	0.2186694	218.66942	* See Field Investigation Below
18:00	56	0.00949	9.4933206	18:00	63	0.026	26.267525	18:00	N/A	0.0124696	12.469643	6:00	48	0.2171623	217.16233	* See Field Investigation Below
18:15	56	0.00635	6.3536739	18:15	63	0.023	23.13544	18:15	N/A	0.0126346	12.634567	6:05	48	0.2155203	215.52026	* See Field Investigation Below
18:30	56	0.00463	4.6303351	18:30	63	0.021	21.422442	18:30	N/A	0.0135165	13.516541	6:10	48	0.2147064	214.70642	* See Field Investigation Below
18:45	56	0.00446	4.4555975	18:45	63	0.022	21.668105	18:45	N/A	0.0133972	13.397213	6:15	48	0.214135	214.13503	* See Field Investigation Below
19:00	56	0.00523	5.2266578	19:00	63	0.022	22.185239	19:00	N/A	0.0123528	12.352768	6:20	48	0.2175004	217.50038	* See Field Investigation Below
19:15	56	0.00523	5.2282049	19:15	63	0.022	21.750193	19:15	N/A	0.0124005	12.400526	6:25	48	0.2180804	218.08038	* See Field Investigation Below
19:30	56	0.00694	6.9413337	19:30	63	0.024	23.576561	19:30	N/A	0.0125102	12.510237	6:30	48	0.2152157	215.21571	* See Field Investigation Below
19:45	56	0.01019	10.193081	19:45	63	0.027	26.647711	19:45	N/A	0.0141063	14.106278	6:35	48	0.2100866	210.08658	* See Field Investigation Below
20:00	56	0.01046	10.464684	20:00	63	0.024	24.341598	20:00	N/A	0.0135566	13.556559	6:40	48	0.2104644	210.46441	* See Field Investigation Below
20:15	56	0.00833	8.3337849	20:15	63	0.021	20.660312	20:15	N/A	0.0162635	16.263495	6:45	48	0.2199418	219.94182	* See Field Investigation Below
20:30	56	0.00345	3.4529161	20:30	63	0.015	14.674435	20:30	N/A	0.0214771	21.477064	6:50	48	0.2158805	215.88046	* See Field Investigation Below
20:45	56	0.00837	8.3732448	20:45	63	0.014	14.342462	20:45	N/A	0.0221137	22.11371	6:55	48	0.2143144	214.31443	* See Field Investigation Below
21:00	56	0.02026	20.258276	21:00	63	0.031	31.482082	21:00	N/A	0.0213696	21.369574	7:00	48	0.2128758	212.87581	* See Field Investigation Below
21:15	56	0.02609	26.093509	21:15	63	0.037	36.624448	21:15	N/A	0.0199912	19.991208	7:05	48	0.2553833	255.38327	* See Field Investigation Below
21:30	56	0.02695	26.95074	21:30	63	0.037	36.98105	21:30	N/A	0.018169	18.169013	7:10	48	0.136761	136.76105	* See Field Investigation Below
21:45	56	0.02705	27.046414	21:45	63	0.037	36.880008	21:45	N/A	0.017035	17.034979	7:15	48	0	0	
22:00	56	0.02876	28.759254	22:00	63	0.037	36.864624	22:00	N/A	0.0163319	16.331866	7:30	48	0.0217088	21.708831	
22:15	56	0.02872	28.724278	22:15	63	0.037	37.442449	22:15	N/A	0.0152326	15.232555	7:45	48	0	0	
22:30	56	0.03063	30.627413	22:30	63	0.037	37.423924	22:30	N/A	0.0141282	14.128246	8:00	48	0	0	
22:45	56	0.03302	33.023362	22:45	63	0.037	36.745954	22:45	N/A	0.0134041	13.404117	8:15	48	0	0	
23:00	56	0.03202	32.015855	23:00	63	0.036	36.324617	23:00	N/A	0.013961	13.960962	8:30	48	0	0	
23:15	56	0.03185	31.853145	23:15	63	0.036	36.404832	23:15	N/A	0.0136157	13.615661	8:45	48	0	0	
23:30	56	0.03174	31.738756	23:30	63	0.037	37.01229	23:30	N/A	0.0127604	12.760428	9:00	48	0	0	
23:45	56	0.03074	30.743122	23:45	63	0.037	36.716597	23:45	N/A	0.0115164	11.516372	9:15	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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9:30	48	0	0	
9:45	48	0	0	
10:00	48	0	0	
10:15	48	0	0	
10:30	48	0	0	
10:45	48	0	0	
11:00	48	0	0	
11:15	48	0	0	
11:30	48	0	0	
11:45	48	0	0	
12:00	48	0	0	
12:15	48	0	0	
12:30	48	0	0	
12:45	48	0	0	
13:00	48	0	0	
13:15	48	0	0	
13:30	48	0	0	
13:45	48	0	0	
14:00	48	0	0	
14:15	48	0	0	
14:30	48	0	0	
14:45	48	0	0	
15:00	48	0	0	
15:15	48	0	0	
15:30	48	0	0	
15:45	48	0	0	
16:00	48	0	0	
16:15	48	0	0	
16:30	48	0	0	
16:45	48	0	0	
17:00	48	0	0	
17:15	48	0	0	
17:30	48	0	0	
17:45	48	0	0	
18:00	48	0	0	
18:15	48	0	0	
18:30	48	0	0	
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	0	
20:45	48	0	0	
21:00	48	0	0	
21:15	48	0	0	
21:30	48	0	0	
21:45	48	0	0	
22:00	48	0	0	
22:15	48	0	0	
22:30	48	0	0	

22:45	48	0.0408428	40.842816	
23:00	48	0.0010922	1.0921695	
23:05	48	0.3654014	365.40137	* See Field Investigation Below
23:10	48	0.0273647	27.364726	
23:15	48	0	0	
23:30	48	0	0	
23:45	48	0	0	



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

6/25/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/25/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/25/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/25/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.03237	32.373987	0:00	63	0.036	35.619151	0:00	N/A	0.0120741	12.074138	0:00	48	0	0	
0:15	56	0.03360	33.598565	0:15	63	0.035	35.057825	0:15	N/A	0.0130913	13.091298	0:05	48	0	0	
0:30	56	0.03169	31.693435	0:30	63	0.035	34.916229	0:30	N/A	0.0120284	12.028421	0:10	48	0.1448922	144.89217	* See Field Investigation Below
0:45	56	0.03130	31.304645	0:45	63	0.035	34.809982	0:45	N/A	0.0115826	11.582625	0:15	48	0.1867293	186.72932	* See Field Investigation Below
1:00	56	0.03066	30.658521	1:00	63	0.035	34.630053	1:00	N/A	0.0119641	11.964054	0:20	48	0.1828702	182.87018	* See Field Investigation Below
1:15	56	0.02941	29.413191	1:15	63	0.035	34.647001	1:15	N/A	0.0110489	11.048939	0:25	48	0.1828759	182.87594	* See Field Investigation Below
1:30	56	0.02948	29.475416	1:30	63	0.035	34.528727	1:30	N/A	0.0096194	9.6194074	0:30	48	0.2206632	220.66319	* See Field Investigation Below
1:45	56	0.03142	31.423047	1:45	63	0.035	34.625964	1:45	N/A	0.0075075	7.5075205	0:35	48	0.0625227	62.522696	* See Field Investigation Below
2:00	56	0.03221	32.209249	2:00	63	0.034	34.20511	2:00	N/A	0.006116	6.1159584	0:40	48	0	0	
2:15	56	0.03146	31.457963	2:15	63	0.034	33.566098	2:15	N/A	0.0052018	5.2017812	0:45	48	0	0	
2:30	56	0.03024	30.244267	2:30	63	0.034	33.753044	2:30	N/A	0.0047886	4.7886427	0:50	48	0.1402052	140.20519	* See Field Investigation Below
2:45	56	0.03118	31.181073	2:45	63	0.034	33.608053	2:45	N/A	0.0061941	6.1941137	0:55	48	0.1866627	186.66265	* See Field Investigation Below
3:00	56	0.03263	32.634626	3:00	63	0.033	32.961759	3:00	N/A	0.0073484	7.348355	1:00	48	0.1843533	184.35327	* See Field Investigation Below
3:15	56	0.03223	32.233851	3:15	63	0.033	32.526251	3:15	N/A	0.0067803	6.780337	1:05	48	0.1885628	188.56277	* See Field Investigation Below
3:30	56	0.03121	31.210904	3:30	63	0.033	32.877573	3:30	N/A	0.0062934	6.2933646	1:10	48	0.1883175	188.31752	* See Field Investigation Below
3:45	56	0.03016	30.159055	3:45	63	0.033	33.16271	3:45	N/A	0.0058243	5.8242633	1:15	48	0.1842656	184.26556	* See Field Investigation Below
4:00	56	0.02953	29.5256	4:00	63	0.033	32.884494	4:00	N/A	0.0068911	6.8910933	1:20	48	0.1876686	187.66861	* See Field Investigation Below
4:15	56	0.03035	30.347156	4:15	63	0.033	32.858782	4:15	N/A	0.0069838	6.9837896	1:25	48	0.1865857	186.5857	* See Field Investigation Below
4:30	56	0.03078	30.783257	4:30	63	0.033	32.967016	4:30	N/A	0.0064298	6.4297927	1:30	48	0.184288	184.28805	* See Field Investigation Below
4:45	56	0.03104	31.037132	4:45	63	0.033	32.929452	4:45	N/A	0.0063932	6.3932347	1:35	48	0.1832813	183.2813	* See Field Investigation Below
5:00	56	0.03073	30.73327	5:00	63	0.034	33.528926	5:00	N/A	0.0063873	6.3873472	1:40	48	0.190029	190.02904	* See Field Investigation Below
5:15	56	0.03045	30.450217	5:15	63	0.034	34.107781	5:15	N/A	0.0063624	6.3624264	1:45	48	0.1872546	187.25456	* See Field Investigation Below
5:30	56	0.03081	30.806767	5:30	63	0.034	33.85299	5:30	N/A	0.0062316	6.2316149	1:50	48	0.1840822	184.08215	* See Field Investigation Below
5:45	56	0.03014	30.142562	5:45	63	0.033	33.381287	5:45	N/A	0.0056246	5.6245801	1:55	48	0.1829696	182.96963	* See Field Investigation Below
6:00	56	0.02989	29.886884	6:00	63	0.033	33.381886	6:00	N/A	0.0059663	5.9662972	2:00	48	0.186965	186.96504	* See Field Investigation Below
6:15	56	0.03056	30.560135	6:15	63	0.034	33.802563	6:15	N/A	0.0064087	6.4086868	2:05	48	0.1863398	186.33978	* See Field Investigation Below
6:30	56	0.03022	30.224462	6:30	63	0.035	34.937566	6:30	N/A	0.0050554	5.0554033	2:10	48	0.1838538	183.85384	* See Field Investigation Below
6:45	56	0.02837	28.36993	6:45	63	0.035	34.926481	6:45	N/A	0.003945	3.9449666	2:15	48	0.1865543	186.55431	* See Field Investigation Below
7:00	56	0.02897	28.970196	7:00	63	0.034	34.379638	7:00	N/A	0.0043905	4.3904669	2:20	48	0.1875819	187.58191	* See Field Investigation Below
7:15	56	0.03009	30.089939	7:15	63	0.034	33.907177	7:15	N/A	0.005282	5.2820322	2:25	48	0.1829324	182.93239	* See Field Investigation Below
7:30	56	0.02844	28.439483	7:30	63	0.034	33.922656	7:30	N/A	0.0062586	6.2585712	2:30	48	0.1868023	186.80231	* See Field Investigation Below
7:45	56	0.03433	34.329727	7:45	63	0.033	33.168706	7:45	N/A	0.0068419	6.8418926	2:35	48	0.1867797	186.7797	* See Field Investigation Below
8:00	56	0.02704	27.036965	8:00	63	0.033	33.153702	8:00	N/A	0.0075352	7.5352119	2:40	48	0.182114	182.11398	* See Field Investigation Below
8:15	56	0.00756	7.5613826	8:15	63	0.036	35.686073	8:15	N/A	0.0105127	10.512671	2:45	48	0.1805544	180.55442	* See Field Investigation Below
8:30	56	0.02148	21.475065	8:30	63	0.032	32.388419	8:30	N/A	0.0115803	11.580313	2:50	48	0.1849062	184.90624	* See Field Investigation Below
8:45	56	0.02290	22.903459	8:45	63	0.031	30.741541	8:45	N/A	0.0108085	10.80846	2:55	48	0.1846278	184.62783	* See Field Investigation Below
9:00	56	0.02203	22.026974	9:00	63	0.031	30.810464	9:00	N/A	0.0119109	11.910923	3:00	48	0.179747	179.747	* See Field Investigation Below
9:15	56	0.02163	21.632753	9:15	63	0.031	30.866623	9:15	N/A	0.0124221	12.422106	3:05	48	0.1814815	181.48154	* See Field Investigation Below
9:30	56	0.02096	20.962483	9:30	63	0.030	29.849162	9:30	N/A	0.0138461	13.84614	3:10	48	0.1838869	183.88868	* See Field Investigation Below
9:45	56	0.01700	16.996248	9:45	63	0.026	25.855417	9:45	N/A	0.0165325	16.53255	3:15	48	0.1782967	178.29668	* See Field Investigation Below
10:00	56	0.01618	16.182015	10:00	63	0.024	24.214475	10:00	N/A	0.0175378	17.537847	3:20	48	0.199044	199.044	* See Field Investigation Below
10:15	56	0.02455	24.552159	10:15	63	0.034	34.322854	10:15	N/A	0.0193597	19.359724	3:25	48	0.2871983	287.19831	* See Field Investigation Below
10:30	56	0.02301	23.012793	10:30	63	0.035	35.126787	10:30	N/A	0.0211215	21.121487	3:30	48	0.1521339	152.13391	* See Field Investigation Below

10:45	56	0.01303	13.032366	10:45	63	0.026	25.932791	10:45	N/A	0.0228302	22.83022	3:35	48	0.1105087	110.50871	* See Field Investigation Below
11:00	56	0.01106	11.064266	11:00	63	0.023	23.100005	11:00	N/A	0.0261762	26.176174	3:40	48	0.1910458	191.04578	* See Field Investigation Below
11:15	56	0.01880	18.801821	11:15	63	0.036	36.096002	11:15	N/A	0.0323322	32.33218	3:45	48	0.1761782	176.17824	* See Field Investigation Below
11:30	56	0.01345	13.445851	11:30	63	0.030	29.786547	11:30	N/A	0.0397297	39.729676	3:50	48	0.19498	194.97996	* See Field Investigation Below
11:45	56	0.00719	7.1868749	11:45	63	0.017	16.995635	11:45	N/A	0.0471583	47.158291	3:55	48	0.2588716	258.87164	* See Field Investigation Below
12:00	56	0.00979	9.7919301	12:00	63	0.029	28.525665	12:00	N/A	0.053232	53.231965	4:00	48	0.1399587	139.95867	* See Field Investigation Below
12:15	56	0.00092	0.9179258	12:15	63	0.003	2.7866359	12:15	N/A	0.0582667	58.26667	4:05	48	0.108859	108.859	* See Field Investigation Below
12:30	56	0.00449	4.4922826	12:30	63	0.014	14.301443	12:30	N/A	0.0605169	60.51685	4:10	48	0.283066	283.06599	* See Field Investigation Below
12:45	56	0.00678	6.7801563	12:45	63	0.025	25.086236	12:45	N/A	0.0610125	61.012501	4:15	48	0	0	
13:00	56	0.00740	7.3992873	13:00	63	0.031	30.84376	13:00	N/A	0.0604294	60.429399	4:20	48	0.033003	33.002971	* See Field Investigation Below
13:15	56	0.00410	4.1047418	13:15	63	0.021	20.726738	13:15	N/A	0.0626971	62.697078	4:25	48	0.2240302	224.03019	* See Field Investigation Below
13:30	56	0.00243	2.4328386	13:30	63	0.012	11.816243	13:30	N/A	0.0615722	61.572175	4:30	48	0.176268	176.26797	* See Field Investigation Below
13:45	56	0.00261	2.6061868	13:45	63	0.013	13.357431	13:45	N/A	0.0572423	57.242299	4:35	48	0.1787007	178.70069	* See Field Investigation Below
14:00	56	0.00437	4.3738281	14:00	63	0.027	26.743278	14:00	N/A	0.0555924	55.592364	4:40	48	0.1834539	183.45386	* See Field Investigation Below
14:15	56	0.00500	4.9961999	14:15	63	0.037	37.231645	14:15	N/A	0.0562841	56.284129	4:45	48	0.1768684	176.86844	* See Field Investigation Below
14:30	56	0.00452	4.5152843	14:30	63	0.036	36.275644	14:30	N/A	0.0584497	58.449722	4:50	48	0.1745104	174.51039	* See Field Investigation Below
14:45	56	0.00354	3.5358831	14:45	63	0.036	36.192418	14:45	N/A	0.0605481	60.548138	4:55	48	0.1771575	177.15746	* See Field Investigation Below
15:00	56	0.00344	3.4429102	15:00	63	0.036	36.447874	15:00	N/A	0.0625103	62.510295	5:00	48	0.1792741	179.27408	* See Field Investigation Below
15:15	56	0.00306	3.0596081	15:15	63	0.037	37.481319	15:15	N/A	0.0640861	64.086071	5:05	48	0.1748413	174.84133	* See Field Investigation Below
15:30	56	0.00308	3.0779691	15:30	63	0.038	38.147399	15:30	N/A	0.06588	65.879973	5:10	48	0.1745507	174.5507	* See Field Investigation Below
15:45	56	0.00275	2.7480316	15:45	63	0.038	38.295526	15:45	N/A	0.0669288	66.928754	5:15	48	0.1802441	180.24411	* See Field Investigation Below
16:00	56	0.00283	2.8252304	16:00	63	0.039	39.023018	16:00	N/A	0.0669883	66.988277	5:20	48	0.1738145	173.8145	* See Field Investigation Below
16:15	56	0.00398	3.9758173	16:15	63	0.040	39.846399	16:15	N/A	0.0669275	66.927531	5:25	48	0.1752544	175.25439	* See Field Investigation Below
16:30	56	0.00456	4.5581145	16:30	63	0.038	37.545172	16:30	N/A	0.0668474	66.847387	5:30	48	0.1774793	177.47931	* See Field Investigation Below
16:45	56	0.00319	3.1921134	16:45	63	0.027	26.581191	16:45	N/A	0.0670285	67.028521	5:35	48	0.1731525	173.15249	* See Field Investigation Below
17:00	56	0.00352	3.5162071	17:00	63	0.027	26.994034	17:00	N/A	0.0672022	67.202174	5:40	48	0.1732112	173.21124	* See Field Investigation Below
17:15	56	0.00569	5.6898522	17:15	63	0.040	39.511179	17:15	N/A	0.0662308	66.230786	5:45	48	0.1744206	174.42055	* See Field Investigation Below
17:30	56	0.00957	9.56689	17:30	63	0.044	44.281339	17:30	N/A	0.0627213	62.721269	5:50	48	0.1710588	171.05878	* See Field Investigation Below
17:45	56	0.01308	13.077062	17:45	63	0.046	46.277629	17:45	N/A	0.0604883	60.488317	5:55	48	0.1724068	172.4068	* See Field Investigation Below
18:00	56	0.01278	12.778931	18:00	63	0.044	43.90527	18:00	N/A	0.0596197	59.619672	6:00	48	0.1764689	176.46895	* See Field Investigation Below
18:15	56	0.01045	10.452225	18:15	63	0.030	30.072671	18:15	N/A	0.059403	59.403008	6:05	48	0.1714153	171.41531	* See Field Investigation Below
18:30	56	0.00870	8.6957834	18:30	63	0.029	29.138094	18:30	N/A	0.0585334	58.533387	6:10	48	0.1702502	170.25019	* See Field Investigation Below
18:45	56	0.00557	5.5732127	18:45	63	0.015	15.454493	18:45	N/A	0.0556634	55.663438	6:15	48	0.1774637	177.46371	* See Field Investigation Below
19:00	56	0.00958	9.5823859	19:00	63	0.030	29.85711	19:00	N/A	0.0524932	52.493225	6:20	48	0.1712341	171.2341	* See Field Investigation Below
19:15	56	0.01429	14.29351	19:15	63	0.042	42.337497	19:15	N/A	0.0472751	47.275144	6:25	48	0.1699996	169.99955	* See Field Investigation Below
19:30	56	0.01334	13.342602	19:30	63	0.040	39.803128	19:30	N/A	0.0408785	40.87853	6:30	48	0.1734413	173.44126	* See Field Investigation Below
19:45	56	0.01364	13.640179	19:45	63	0.039	39.170613	19:45	N/A	0.0374174	37.417419	6:35	48	0.1696099	169.60992	* See Field Investigation Below
20:00	56	0.01405	14.049783	20:00	63	0.040	39.607123	20:00	N/A	0.0352638	35.26379	6:40	48	0.170906	170.90601	* See Field Investigation Below
20:15	56	0.01530	15.302549	20:15	63	0.040	39.927795	20:15	N/A	0.0346385	34.638473	6:45	48	0.1801451	180.14511	* See Field Investigation Below
20:30	56	0.01605	16.054982	20:30	63	0.040	40.256006	20:30	N/A	0.0334798	33.479764	6:50	48	0.1705335	170.53345	* See Field Investigation Below
20:45	56	0.01643	16.432317	20:45	63	0.039	39.494098	20:45	N/A	0.0315589	31.558851	6:55	48	0.1698927	169.89265	* See Field Investigation Below
21:00	56	0.01678	16.781656	21:00	63	0.041	41.227272	21:00	N/A	0.028723	28.722991	7:00	48	0.1925334	192.53337	* See Field Investigation Below
21:15	56	0.01782	17.821202	21:15	63	0.042	41.674538	21:15	N/A	0.0256046	25.604614	7:05	48	0.3393283	339.3283	* See Field Investigation Below
21:30	56	0.01251	12.505565	21:30	63	0.033	33.329555	21:30	N/A	0.0242385	24.238545	7:10	48	0.0236359	23.635917	* See Field Investigation Below
21:45	56	0.01941	19.414763	21:45	63	0.041	40.632022	21:45	N/A	0.0244716	24.471585	7:15	48	0	0	
22:00	56	0.02051	20.505829	22:00	63	0.043	42.650845	22:00	N/A	0.0242843	24.284322	7:20	48	0.0005338	0.5338131	
22:15	56	0.02203	22.029677	22:15	63	0.042	42.327	22:15	N/A	0.0239503	23.950315	7:25	48	0.176865	176.86503	* See Field Investigation Below
22:30	56	0.02292	22.917163	22:30	63	0.043	42.829455	22:30	N/A	0.0245998	24.599816	7:30	48	0.1730874	173.08737	* See Field Investigation Below
22:45	56	0.00809	8.0864037	22:45	63	0.029	28.729776	22:45	N/A	0.0236953	23.695331	7:35	48	0.1729637	172.96367	* See Field Investigation Below
23:00	56	0.02660	26.598168	23:00	63	0.040	40.39763	23:00	N/A	0.022127	22.126998	7:40	48	0.1720494	172.04939	* See Field Investigation Below
23:15	56	0.02834	28.338702	23:15	63	0.044	43.609062	23:15	N/A	0.0217772	21.777159	7:45	48	0.1730174	173.01736	* See Field Investigation Below
23:30	56	0.02930	29.298617	23:30	63	0.045	45.092817	23:30	N/A	0.021563	21.562977	7:50	48	0.1733704	173.37037	* See Field Investigation Below
23:45	56	0.02918	29.175476	23:45	63	0.044	44.406785	23:45	N/A	0.0216308	21.630842	7:55	48	0.1786032	178.60323	* 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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8:00	48	0.1790391	179.03914	* See Field Investigation Below
8:05	48	0.1800514	180.05143	* See Field Investigation Below
8:10	48	0.1807708	180.77084	* See Field Investigation Below
8:15	48	0.1820472	182.04715	* See Field Investigation Below
8:20	48	0.1817876	181.78761	* See Field Investigation Below
8:25	48	0.1729384	172.93841	* See Field Investigation Below
8:30	48	0.1739884	173.98844	* See Field Investigation Below
8:35	48	0.1808092	180.80915	* See Field Investigation Below
8:40	48	0.1814021	181.40213	* See Field Investigation Below
8:45	48	0.1832598	183.25983	* See Field Investigation Below
8:50	48	0.182927	182.92702	* See Field Investigation Below
8:55	48	0.1777439	177.74394	* See Field Investigation Below
9:00	48	0.179579	179.57898	* See Field Investigation Below
9:05	48	0.1847387	184.73874	* See Field Investigation Below
9:10	48	0.1949532	194.95324	* See Field Investigation Below
9:15	48	0.1915914	191.59135	* See Field Investigation Below
9:20	48	0.1835292	183.5292	* See Field Investigation Below
9:25	48	0.1901371	190.13706	* See Field Investigation Below
9:30	48	0.1909595	190.95947	* See Field Investigation Below
9:35	48	0.1806764	180.67642	* See Field Investigation Below
9:40	48	0.1805242	180.52418	* See Field Investigation Below
9:45	48	0.1801862	180.18623	* See Field Investigation Below
9:50	48	0.1804906	180.49055	* See Field Investigation Below
9:55	48	0.1812816	181.2816	* See Field Investigation Below
10:00	48	0.183805	183.80498	* See Field Investigation Below
10:05	48	0.1986001	198.60008	* See Field Investigation Below
10:10	48	0.198095	198.09501	* See Field Investigation Below
10:15	48	0.1975789	197.57891	* See Field Investigation Below
10:20	48	0.1971927	197.1927	* See Field Investigation Below
10:25	48	0.1970325	197.03247	* See Field Investigation Below
10:30	48	0.1966741	196.67414	* See Field Investigation Below
10:35	48	0.1933711	193.37114	* See Field Investigation Below
10:40	48	0.176135	176.135	* See Field Investigation Below
10:45	48	0.1920286	192.02855	* See Field Investigation Below
10:50	48	0.1705093	170.50934	* See Field Investigation Below
10:55	48	0.1723459	172.34594	* See Field Investigation Below
11:00	48	0.1935491	193.54908	* See Field Investigation Below
11:05	48	0.1928846	192.88465	* See Field Investigation Below
11:10	48	0.1919888	191.98883	* See Field Investigation Below
11:15	48	0.1907495	190.74954	* See Field Investigation Below
11:20	48	0.1888578	188.85778	* See Field Investigation Below
11:25	48	0.1810466	181.04665	* See Field Investigation Below
11:30	48	0.1427414	142.74138	* See Field Investigation Below
11:35	48	0.1456331	145.63308	* See Field Investigation Below
11:40	48	0.1819386	181.93858	* See Field Investigation Below
11:45	48	0.1797194	179.71944	* See Field Investigation Below
11:50	48	0.177712	177.71197	* See Field Investigation Below
11:55	48	0.1690217	169.02172	* See Field Investigation Below
12:00	48	0.1194655	119.46548	* See Field Investigation Below
12:05	48	0.1164861	116.48608	* See Field Investigation Below
12:10	48	0.1127874	112.78737	* See Field Investigation Below
12:15	48	0.110265	110.26503	* See Field Investigation Below
12:20	48	0.1644988	164.49882	* See Field Investigation Below

12:25	48	0.1231351	123.1351	* See Field Investigation Below
12:30	48	0.1619063	161.90627	* See Field Investigation Below
12:35	48	0.1086669	108.66693	* See Field Investigation Below
12:40	48	0.1602953	160.2953	* See Field Investigation Below
12:45	48	0.16385	163.85	* See Field Investigation Below
12:50	48	0.1634183	163.41834	* See Field Investigation Below
12:55	48	0.1632408	163.24076	* See Field Investigation Below
13:00	48	0.1631556	163.15564	* See Field Investigation Below
13:05	48	0.1198871	119.88707	* See Field Investigation Below
13:10	48	0.1590392	159.03923	* See Field Investigation Below
13:15	48	0.1071996	107.19964	* See Field Investigation Below
13:20	48	0.1580022	158.00218	* See Field Investigation Below
13:25	48	0.1021895	102.18949	* See Field Investigation Below
13:30	48	0.1024578	102.45776	* See Field Investigation Below
13:35	48	0.1040739	104.07391	* See Field Investigation Below
13:40	48	0.1579728	157.97283	* See Field Investigation Below
13:45	48	0.1617595	161.75952	* See Field Investigation Below
13:50	48	0.1615462	161.54622	* See Field Investigation Below
13:55	48	0.1206909	120.69087	* See Field Investigation Below
14:00	48	0.1468878	146.88785	* See Field Investigation Below
14:05	48	0.1619423	161.94227	* See Field Investigation Below
14:10	48	0.1620767	162.07667	* See Field Investigation Below
14:15	48	0.1620843	162.0843	* See Field Investigation Below
14:20	48	0.1620665	162.06646	* See Field Investigation Below
14:25	48	0.1619906	161.9906	* See Field Investigation Below
14:30	48	0.1618436	161.84362	* See Field Investigation Below
14:35	48	0.1616707	161.67072	* See Field Investigation Below
14:40	48	0.1615225	161.52251	* See Field Investigation Below
14:45	48	0.1613962	161.39616	* See Field Investigation Below
14:50	48	0.1609939	160.99386	* See Field Investigation Below
14:55	48	0.1610348	161.03481	* See Field Investigation Below
15:00	48	0.1607565	160.75646	* See Field Investigation Below
15:05	48	0.1612084	161.20843	* See Field Investigation Below
15:10	48	0.1611365	161.13654	* See Field Investigation Below
15:15	48	0.1614811	161.4811	* See Field Investigation Below
15:20	48	0.1616279	161.62794	* See Field Investigation Below
15:25	48	0.161684	161.68396	* See Field Investigation Below
15:30	48	0.1620744	162.07439	* See Field Investigation Below
15:35	48	0.1623576	162.35758	* See Field Investigation Below
15:40	48	0.1622998	162.29982	* See Field Investigation Below
15:45	48	0.1621139	162.11387	* See Field Investigation Below
15:50	48	0.161935	161.93496	* See Field Investigation Below
15:55	48	0.1623463	162.34627	* See Field Investigation Below
16:00	48	0.1619872	161.98717	* See Field Investigation Below
16:05	48	0.1623008	162.30084	* See Field Investigation Below
16:10	48	0.1623082	162.3082	* See Field Investigation Below
16:15	48	0.1622713	162.27129	* See Field Investigation Below
16:20	48	0.1625966	162.59656	* See Field Investigation Below
16:25	48	0.1628931	162.89305	* See Field Investigation Below
16:30	48	0.1635227	163.52266	* See Field Investigation Below
16:35	48	0.1640344	164.03442	* See Field Investigation Below
16:40	48	0.1158061	115.8061	* See Field Investigation Below
16:45	48	0.0987947	98.794734	* See Field Investigation Below

16:50	48	0.1349063	134.90629	* See Field Investigation Below
16:55	48	0.166483	166.48295	* See Field Investigation Below
17:00	48	0.1667963	166.79634	* See Field Investigation Below
17:05	48	0.1666037	166.6037	* See Field Investigation Below
17:10	48	0.1662188	166.21881	* See Field Investigation Below
17:15	48	0.1651072	165.10716	* See Field Investigation Below
17:20	48	0.1640959	164.09585	* See Field Investigation Below
17:25	48	0.1621668	162.16678	* See Field Investigation Below
17:30	48	0.159981	159.98101	* See Field Investigation Below
17:35	48	0.1591055	159.10554	* See Field Investigation Below
17:40	48	0.1597825	159.78246	* See Field Investigation Below
17:45	48	0.1615471	161.54709	* See Field Investigation Below
17:50	48	0.1645194	164.51937	* See Field Investigation Below
17:55	48	0.1675837	167.58371	* See Field Investigation Below
18:00	48	0.1712108	171.21075	* See Field Investigation Below
18:05	48	0.1432491	143.24909	* See Field Investigation Below
18:10	48	0.1628723	162.87232	* See Field Investigation Below
18:15	48	0.1811616	181.16164	* See Field Investigation Below
18:20	48	0.1827376	182.73762	* See Field Investigation Below
18:25	48	0.1515941	151.5941	* See Field Investigation Below
18:30	48	0.1247156	124.71559	* See Field Investigation Below
18:35	48	0.1553778	155.3778	* See Field Investigation Below
18:40	48	0.153039	153.039	* See Field Investigation Below
18:45	48	0.145419	145.41897	* See Field Investigation Below
18:50	48	0.1621137	162.11372	* See Field Investigation Below
18:55	48	0.1430238	143.02381	* See Field Investigation Below
19:00	48	0.1789484	178.9484	* See Field Investigation Below
19:05	48	0.1778955	177.89546	* See Field Investigation Below
19:10	48	0.1776439	177.6439	* See Field Investigation Below
19:15	48	0.1780825	178.08247	* See Field Investigation Below
19:20	48	0.1800294	180.02944	* See Field Investigation Below
19:25	48	0.1814149	181.41495	* See Field Investigation Below
19:30	48	0.1822616	182.26159	* See Field Investigation Below
19:35	48	0.1826964	182.69637	* See Field Investigation Below
19:40	48	0.1834051	183.40509	* See Field Investigation Below
19:45	48	0.1836587	183.65867	* See Field Investigation Below
19:50	48	0.1832882	183.28818	* See Field Investigation Below
19:55	48	0.1827277	182.72772	* See Field Investigation Below
20:00	48	0.1819893	181.98929	* See Field Investigation Below
20:05	48	0.1810797	181.07969	* See Field Investigation Below
20:10	48	0.1807639	180.76391	* See Field Investigation Below
20:15	48	0.1808543	180.85432	* See Field Investigation Below
20:20	48	0.1805442	180.5442	* See Field Investigation Below
20:25	48	0.180342	180.342	* See Field Investigation Below
20:30	48	0.1806855	180.68555	* See Field Investigation Below
20:35	48	0.1812336	181.23359	* See Field Investigation Below
20:40	48	0.1810844	181.08444	* See Field Investigation Below
20:45	48	0.1806629	180.66289	* See Field Investigation Below
20:50	48	0.1800385	180.03847	* See Field Investigation Below
20:55	48	0.1788873	178.88731	* See Field Investigation Below
21:00	48	0.1775406	177.5406	* See Field Investigation Below
21:05	48	0.1764955	176.49553	* See Field Investigation Below
21:10	48	0.1761233	176.12327	* See Field Investigation Below

21:15	48	0.1759231	175.92314	* See Field Investigation Below
21:20	48	0.1757562	175.75616	* See Field Investigation Below
21:25	48	0.1681817	168.18166	* See Field Investigation Below
21:30	48	0.1611094	161.10937	* See Field Investigation Below
21:35	48	0.1781799	178.17988	* See Field Investigation Below
21:40	48	0.1792473	179.24728	* See Field Investigation Below
21:45	48	0.1799793	179.97931	* See Field Investigation Below
21:50	48	0.1806124	180.61236	* See Field Investigation Below
21:55	48	0.1810602	181.0602	* See Field Investigation Below
22:00	48	0.1811699	181.16991	* See Field Investigation Below
22:05	48	0.1813096	181.30962	* See Field Investigation Below
22:10	48	0.1818858	181.88576	* See Field Investigation Below
22:15	48	0.1825976	182.59764	* See Field Investigation Below
22:20	48	0.1830788	183.0788	* See Field Investigation Below
22:25	48	0.1840634	184.06345	* See Field Investigation Below
22:30	48	0.1818785	181.87853	* See Field Investigation Below
22:35	48	0.1616357	161.63569	* See Field Investigation Below
22:40	48	0.1664766	166.47659	* See Field Investigation Below
22:45	48	0.1878631	187.86307	* See Field Investigation Below
22:50	48	0.1891724	189.17243	* See Field Investigation Below
22:55	48	0.1906359	190.63587	* See Field Investigation Below
23:00	48	0.1920387	192.03868	* See Field Investigation Below
23:05	48	0.1917263	191.72628	* See Field Investigation Below
23:10	48	0.1922821	192.2821	* See Field Investigation Below
23:15	48	0.1931719	193.17195	* See Field Investigation Below
23:20	48	0.1936533	193.6533	* See Field Investigation Below
23:25	48	0.1945517	194.55169	* See Field Investigation Below
23:30	48	0.1953055	195.30553	* See Field Investigation Below
23:35	48	0.1956561	195.65606	* See Field Investigation Below
23:40	48	0.195853	195.85297	* See Field Investigation Below
23:45	48	0.1958736	195.87362	* See Field Investigation Below
23:50	48	0.1977262	197.72624	* See Field Investigation Below
23:55	48	0.2058518	205.85175	* See Field Investigation Below



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.14	0	0	0	0.25
04	0.12	0	0	0	0.22

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)																
6/26/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/26/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/26/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/26/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.03017	30.170067	0:00	63	0.044	43.899992	0:00	N/A	0.0215324	21.532368	0:00	48	0.1979524	197.95241	* See Field Investigation Below
0:15	56	0.03577	35.768933	0:15	63	0.043	43.341272	0:15	N/A	0.0211412	21.141204	0:05	48	0.1977696	197.76964	* See Field Investigation Below
0:30	56	0.03273	32.727281	0:30	63	0.043	42.75961	0:30	N/A	0.0214375	21.437451	0:10	48	0.1979352	197.93518	* See Field Investigation Below
0:45	56	0.03501	35.012018	0:45	63	0.042	42.37552	0:45	N/A	0.0215065	21.506487	0:15	48	0.1980075	198.00746	* See Field Investigation Below
1:00	56	0.03601	36.014761	1:00	63	0.042	42.013943	1:00	N/A	0.020306	20.305959	0:20	48	0.1980071	198.00714	* See Field Investigation Below
1:15	56	0.03493	34.930307	1:15	63	0.042	42.12791	1:15	N/A	0.0184305	18.430451	0:25	48	0.1980692	198.06917	* See Field Investigation Below
1:30	56	0.03654	36.53886	1:30	63	0.044	43.622658	1:30	N/A	0.0156377	15.637714	0:30	48	0.2296841	229.68407	* See Field Investigation Below
1:45	56	0.03780	37.799448	1:45	63	0.045	45.187644	1:45	N/A	0.0154363	15.436263	0:35	48	0.1953166	195.31655	* See Field Investigation Below
2:00	56	0.03608	36.075873	2:00	63	0.044	43.883549	2:00	N/A	0.0159837	15.983674	0:40	48	0	0	
2:15	56	0.03917	39.171496	2:15	63	0.043	42.743542	2:15	N/A	0.0152626	15.262616	0:45	48	0	0	
2:30	56	0.03777	37.76508	2:30	63	0.042	41.87078	2:30	N/A	0.0139879	13.987867	0:50	48	0	0	
2:45	56	0.03544	35.439446	2:45	63	0.041	41.268654	2:45	N/A	0.0129524	12.952438	0:55	48	0	0	
3:00	56	0.03633	36.331418	3:00	63	0.041	40.833891	3:00	N/A	0.012937	12.936972	1:00	48	0.0284229	28.422894	* See Field Investigation Below
3:15	56	0.03477	34.766324	3:15	63	0.041	40.662901	3:15	N/A	0.0134271	13.427099	1:05	48	0.2084497	208.44968	* See Field Investigation Below
3:30	56	0.03294	32.942393	3:30	63	0.041	40.586522	3:30	N/A	0.0130307	13.030749	1:10	48	0.1987644	198.76438	* See Field Investigation Below
3:45	56	0.03387	33.874091	3:45	63	0.041	40.716662	3:45	N/A	0.0115788	11.578777	1:15	48	0.1986161	198.61608	* See Field Investigation Below
4:00	56	0.03518	35.178798	4:00	63	0.041	40.519874	4:00	N/A	0.0103743	10.374256	1:20	48	0.1985395	198.53953	* See Field Investigation Below
4:15	56	0.03213	32.127698	4:15	63	0.040	40.310223	4:15	N/A	0.0095801	9.5801214	1:25	48	0.1982588	198.25883	* See Field Investigation Below
4:30	56	0.03356	33.560308	4:30	63	0.040	39.687151	4:30	N/A	0.0094969	9.4969098	1:30	48	0.2059486	205.94863	* See Field Investigation Below
4:45	56	0.03301	33.009605	4:45	63	0.040	40.185945	4:45	N/A	0.0098394	9.8393692	1:35	48	0.2220493	222.04934	* See Field Investigation Below
5:00	56	0.03312	33.11764	5:00	63	0.041	40.708218	5:00	N/A	0.0103138	10.313768	1:40	48	0	0	
5:15	56	0.03332	33.319268	5:15	63	0.040	40.347197	5:15	N/A	0.0103835	10.383469	1:45	48	0	0	
5:30	56	0.03329	33.294236	5:30	63	0.040	40.086546	5:30	N/A	0.0105784	10.578419	1:50	48	0	0	
5:45	56	0.03318	33.184672	5:45	63	0.041	40.505416	5:45	N/A	0.0114457	11.445681	1:55	48	0.0006976	0.6976017	* See Field Investigation Below
6:00	56	0.03369	33.693193	6:00	63	0.041	40.65899	6:00	N/A	0.0114777	11.477672	2:00	48	0.2346204	234.62041	* See Field Investigation Below
6:15	56	0.03127	31.271319	6:15	63	0.038	37.786448	6:15	N/A	0.0113565	11.356527	2:05	48	0.2061667	206.16671	* See Field Investigation Below
6:30	56	0.02925	29.247534	6:30	63	0.036	35.919143	6:30	N/A	0.0114041	11.404087	2:10	48	0.1992163	199.21628	* See Field Investigation Below
6:45	56	0.03240	32.397078	6:45	63	0.038	38.313755	6:45	N/A	0.0118616	11.86158	2:15	48	0.1984459	198.44593	* See Field Investigation Below
7:00	56	0.02919	29.187822	7:00	63	0.038	38.050759	7:00	N/A	0.0121558	12.155803	2:20	48	0.1991392	199.13925	* See Field Investigation Below
7:15	56	0.04792	47.921113	7:15	63	0.039	38.634405	7:15	N/A	0.0128743	12.874314	2:25	48	0.2055815	205.58146	* See Field Investigation Below
7:30	56	0.01147	11.465392	7:30	63	0.040	40.381285	7:30	N/A	0.0140357	14.035721	2:30	48	0.198197	198.19704	* See Field Investigation Below
7:45	56	0.00000	0	7:45	63	0.039	38.505162	7:45	N/A	0.0153187	15.318672	2:35	48	0.1975503	197.55025	* See Field Investigation Below

8:00	56	0.00000	0	8:00	63	0.034	33.749276	8:00	N/A	0.0158726	15.872574	2:40	48	0.1977505	197.75045	* See Field Investigation Below
8:15	56	0.00000	0	8:15	63	0.031	30.904831	8:15	N/A	0.0154775	15.477537	2:45	48	0.202001	202.00096	* See Field Investigation Below
8:30	56	0.00000	0	8:30	63	0.036	35.520512	8:30	N/A	0.0135861	13.586091	2:50	48	0.1986566	198.65664	* See Field Investigation Below
8:45	56	0.00000	0	8:45	63	0.039	38.522226	8:45	N/A	0.0106966	10.696636	2:55	48	0.1973903	197.39027	* See Field Investigation Below
9:00	56	0.00000	0	9:00	63	0.037	37.126764	9:00	N/A	0.0076489	7.648897	3:00	48	0.1970989	197.09895	* See Field Investigation Below
9:15	56	0.00000	0	9:15	63	0.036	35.899951	9:15	N/A	0.0064039	6.4038603	3:05	48	0.2012002	201.20016	* See Field Investigation Below
9:30	56	0.00000	0	9:30	63	0.035	35.289496	9:30	N/A	0.0052999	5.299911	3:10	48	0.1982682	198.26818	* See Field Investigation Below
9:45	56	0.00000	0	9:45	63	0.035	34.540998	9:45	N/A	0.0039629	3.962858	3:15	48	0.1967305	196.73046	* See Field Investigation Below
10:00	56	0.00000	0	10:00	63	0.034	33.576668	10:00	N/A	0.0027547	2.7547312	3:20	48	0.1962297	196.22973	* See Field Investigation Below
10:15	56	0.00000	0	10:15	63	0.033	32.726136	10:15	N/A	0.0020122	2.0121852	3:25	48	0.2040239	204.02392	* See Field Investigation Below
10:30	56	0.00000	0	10:30	63	0.032	32.256673	10:30	N/A	0.0016053	1.605285	3:30	48	0.1980633	198.06332	* See Field Investigation Below
10:45	56	0.00000	0	10:45	63	0.033	32.76491	10:45	N/A	0.0019227	1.9226951	3:35	48	0.1971634	197.16342	* See Field Investigation Below
11:00	56	0.00000	0	11:00	63	0.033	33.341402	11:00	N/A	0.0033558	3.3558484	3:40	48	0.1967605	196.76045	* See Field Investigation Below
11:15	56	0.00000	0	11:15	63	0.033	32.574196	11:15	N/A	0.0046952	4.6951812	3:45	48	0.1959251	195.92511	* See Field Investigation Below
11:30	56	0.00000	0	11:30	63	0.032	31.71431	11:30	N/A	0.0072333	7.2333275	3:50	48	0.2007039	200.70394	* See Field Investigation Below
11:45	56	0.00000	0	11:45	63	0.032	31.76557	11:45	N/A	0.0085961	8.596098	3:55	48	0.1993763	199.37634	* See Field Investigation Below
12:00	56	0.00000	0	12:00	63	0.033	32.608319	12:00	N/A	0.0096229	9.6228799	4:00	48	0.1971759	197.1759	* See Field Investigation Below
12:15	56	0.00000	0	12:15	63	0.033	32.94922	12:15	N/A	0.0108687	10.868663	4:05	48	0.196518	196.51798	* See Field Investigation Below
12:30	56	0.00000	0	12:30	63	0.033	33.032017	12:30	N/A	0.0127186	12.718634	4:10	48	0.1960687	196.06874	* See Field Investigation Below
12:45	56	0.00000	0	12:45	63	0.033	32.981016	12:45	N/A	0.0139269	13.926927	4:15	48	0.2059496	205.94959	* See Field Investigation Below
13:00	56	0.00000	0	13:00	63	0.031	30.6042	13:00	N/A	0.0138466	13.846581	4:20	48	0.1980057	198.00572	* See Field Investigation Below
13:15	56	0.00000	0	13:15	63	0.027	26.955974	13:15	N/A	0.0129972	12.997162	4:25	48	0.1963274	196.32735	* See Field Investigation Below
13:30	56	0.00000	0	13:30	63	0.028	27.519316	13:30	N/A	0.0126038	12.603848	4:30	48	0.1954897	195.48969	* See Field Investigation Below
13:45	56	0.00000	0	13:45	63	0.027	27.158591	13:45	N/A	0.0119958	11.995781	4:35	48	0.2082814	208.2814	* See Field Investigation Below
14:00	56	0.00000	0	14:00	63	0.026	25.721082	14:00	N/A	0.0117526	11.752626	4:40	48	0.1979535	197.95354	* See Field Investigation Below
14:15	56	0.00000	0	14:15	63	0.031	31.08656	14:15	N/A	0.0117841	11.784143	4:45	48	0.2404435	240.44355	* See Field Investigation Below
14:30	56	0.00000	0	14:30	63	0.030	30.496003	14:30	N/A	0.0119172	11.917158	4:50	48	0.2947719	294.7719	* See Field Investigation Below
14:45	56	0.00000	0	14:45	63	0.029	29.427882	14:45	N/A	0.0123662	12.36619	4:55	48	0.0835731	83.573082	* See Field Investigation Below
15:00	56	0.00000	0	15:00	63	0.030	30.485946	15:00	N/A	0.0131761	13.176063	5:00	48	0	0	
15:15	56	0.00000	0	15:15	63	0.033	32.771857	15:15	N/A	0.013757	13.757003	5:05	48	0	0	
15:30	56	0.00000	0	15:30	63	0.035	35.041428	15:30	N/A	0.0146168	14.616754	5:10	48	0	0	
15:45	56	0.00000	0	15:45	63	0.034	33.80906	15:45	N/A	0.0141091	14.109079	5:15	48	0	0	
16:00	56	0.00000	0	16:00	63	0.034	33.660771	16:00	N/A	0.0123792	12.379185	5:20	48	0.1519283	151.92832	* See Field Investigation Below
16:15	56	0.00000	0	16:15	63	0.037	37.240913	16:15	N/A	0.012147	12.147	5:25	48	0.1971853	197.18534	* See Field Investigation Below
16:30	56	0.00000	0	16:30	63	0.037	37.105831	16:30	N/A	0.012803	12.802957	5:30	48	0.1938471	193.84709	* See Field Investigation Below
16:45	56	0.00000	0	16:45	63	0.039	38.623826	16:45	N/A	0.0139436	13.943619	5:35	48	0.1934005	193.40054	* See Field Investigation Below
17:00	56	0.00000	0	17:00	63	0.039	39.112877	17:00	N/A	0.0149223	14.922302	5:40	48	0.1961383	196.13831	* See Field Investigation Below
17:15	56	0.00000	0	17:15	63	0.038	38.014229	17:15	N/A	0.0153045	15.304542	5:45	48	0.1953616	195.36163	* See Field Investigation Below
17:30	56	0.00000	0	17:30	63	0.038	37.667823	17:30	N/A	0.014514	14.513979	5:50	48	0.1943278	194.32776	* See Field Investigation Below
17:45	56	0.00000	0	17:45	63	0.037	37.433472	17:45	N/A	0.0125662	12.566217	5:55	48	0.1935524	193.5524	* See Field Investigation Below
18:00	56	0.00000	0	18:00	63	0.036	36.293192	18:00	N/A	0.0121752	12.175242	6:00	48	0.1959443	195.94425	* See Field Investigation Below
18:15	56	0.00000	0	18:15	63	0.040	40.191531	18:15	N/A	0.0128893	12.88929	6:05	48	0.1967788	196.77875	* See Field Investigation Below
18:30	56	0.00000	0	18:30	63	0.041	40.770454	18:30	N/A	0.0126482	12.648195	6:10	48	0.1956118	195.61179	* See Field Investigation Below
18:45	56	0.00408	4.0767974	18:45	63	0.041	40.541774	18:45	N/A	0.0122239	12.223941	6:15	48	0.1879835	187.9835	* See Field Investigation Below
19:00	56	0.01265	12.650264	19:00	63	0.039	38.576425	19:00	N/A	0.010391	10.390996	6:20	48	0.1933846	193.38461	* See Field Investigation Below
19:15	56	0.02090	20.899343	19:15	63	0.035	35.379762	19:15	N/A	0.0064235	6.4234969	6:25	48	0.1970353	197.0353	* See Field Investigation Below
19:30	56	0.02506	25.063264	19:30	63	0.034	34.386108	19:30	N/A	0.0056593	5.6593141	6:30	48	0.1912084	191.2084	* See Field Investigation Below
19:45	56	0.02480	24.797484	19:45	63	0.038	37.993095	19:45	N/A	0.0059211	5.9210974	6:35	48	0.1951349	195.13487	* See Field Investigation Below
20:00	56	0.02415	24.153289	20:00	63	0.038	37.897276	20:00	N/A	0.0061916	6.1916331	6:40	48	0.1975886	197.58855	* See Field Investigation Below
20:15	56	0.02587	25.865595	20:15	63	0.039	38.657844	20:15	N/A	0.007046	7.0460302	6:45	48	0.1978978	197.8978	* See Field Investigation Below
20:30	56	0.02701	27.00596	20:30	63	0.039	39.196592	20:30	N/A	0.008291	8.2909673	6:50	48	0.1916506	191.65056	* See Field Investigation Below
20:45	56	0.02676	26.756715	20:45	63	0.039	38.618322	20:45	N/A	0.0091537	9.1537296	6:55	48	0.1923948	192.3948	* See Field Investigation Below
21:00	56	0.02697	26.970551	21:00	63	0.039	38.660325	21:00	N/A	0.0090063	9.0062746	7:00	48	0.1978932	197.89323	* See Field Investigation Below

21:15	56	0.02822	28.219581	21:15	63	0.038	38.226707	21:15	N/A	0.0085894	8.5894148	7:05	48	0.199591	199.59105	* See Field Investigation Below
21:30	56	0.02802	28.01641	21:30	63	0.038	37.760732	21:30	N/A	0.0078657	7.8656988	7:10	48	0.2009751	200.9751	* See Field Investigation Below
21:45	56	0.02691	26.913054	21:45	63	0.038	37.887488	21:45	N/A	0.0071399	7.1399484	7:15	48	0.1993783	199.37833	* See Field Investigation Below
22:00	56	0.02676	26.755919	22:00	63	0.038	38.206545	22:00	N/A	0.0060651	6.0651181	7:20	48	0.1994608	199.46085	* See Field Investigation Below
22:15	56	0.04401	44.012711	22:15	63	0.038	37.955244	22:15	N/A	0.0050859	5.0858544	7:25	48	0.1993756	199.37563	* See Field Investigation Below
22:30	56	0.04374	43.742797	22:30	63	0.035	34.82097	22:30	N/A	0.003959	3.9589505	7:30	48	0.1994399	199.43989	* See Field Investigation Below
22:45	56	0.03326	33.262391	22:45	63	0.036	36.219309	22:45	N/A	0.0024623	2.4622527	7:35	48	0.1996259	199.62586	* See Field Investigation Below
23:00	56	0.03521	35.208512	23:00	63	0.036	36.225645	23:00	N/A	0.0044042	4.4042476	7:40	48	0.2000031	200.00311	* See Field Investigation Below
23:05	56	0.26342	263.42093	23:15	63	0.036	36.073546	23:15	N/A	0.0049804	4.9804164	7:45	48	0.188837	188.83703	* See Field Investigation Below
23:10	56	0.01835	18.349774	23:30	63	0.036	36.279578	23:30	N/A	0.0045963	4.5962858	7:50	48	0.1848166	184.81665	* See Field Investigation Below
23:15	56	0.00917	9.1700195	23:45	63	0.036	35.551754	23:45	N/A	0.0035865	3.5865462	7:55	48	0.1857607	185.76067	* See Field Investigation Below
23:30	56	0.02896	28.96241									8:00	48	0.1948435	194.84353	* See Field Investigation Below
23:45	56	0.02786	27.864525									8:05	48	0.2016345	201.63448	* 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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8:10	48	0.1906726	190.67263	* See Field Investigation Below
8:15	48	0.1879873	187.9873	* See Field Investigation Below
8:20	48	0.1986506	198.65059	* See Field Investigation Below
8:25	48	0.2023014	202.30145	* See Field Investigation Below
8:30	48	0.2023898	202.38978	* See Field Investigation Below
8:35	48	0.2024747	202.47469	* See Field Investigation Below
8:40	48	0.202286	202.28602	* See Field Investigation Below
8:45	48	0.2021474	202.14736	* See Field Investigation Below
8:50	48	0.2020252	202.02517	* See Field Investigation Below
8:55	48	0.2016759	201.6759	* See Field Investigation Below
9:00	48	0.2012845	201.28447	* See Field Investigation Below
9:05	48	0.2011577	201.15771	* See Field Investigation Below
9:10	48	0.2013012	201.30124	* See Field Investigation Below
9:15	48	0.2011952	201.19516	* See Field Investigation Below
9:20	48	0.2010339	201.03395	* See Field Investigation Below
9:25	48	0.2005685	200.56848	* See Field Investigation Below
9:30	48	0.1998226	199.82264	* See Field Investigation Below
9:35	48	0.1986933	198.69333	* See Field Investigation Below
9:40	48	0.1975611	197.56114	* See Field Investigation Below
9:45	48	0.1966604	196.66036	* See Field Investigation Below
9:50	48	0.1960373	196.03731	* See Field Investigation Below
9:55	48	0.1947636	194.76364	* See Field Investigation Below
10:00	48	0.1930572	193.05723	* See Field Investigation Below
10:05	48	0.1919205	191.92052	* See Field Investigation Below
10:10	48	0.1911769	191.17687	* See Field Investigation Below
10:15	48	0.1900912	190.09118	* See Field Investigation Below
10:20	48	0.1885923	188.59231	* See Field Investigation Below
10:25	48	0.1873572	187.35715	* See Field Investigation Below
10:30	48	0.1862132	186.21317	* See Field Investigation Below
10:35	48	0.1850107	185.01069	* See Field Investigation Below
10:40	48	0.1838097	183.8097	* See Field Investigation Below
10:45	48	0.1832112	183.21117	* See Field Investigation Below
10:50	48	0.1830727	183.07271	* See Field Investigation Below
10:55	48	0.182798	182.79796	* See Field Investigation Below
11:00	48	0.1837988	183.79876	* See Field Investigation Below
11:05	48	0.1839442	183.94425	* See Field Investigation Below
11:10	48	0.1847063	184.70632	* See Field Investigation Below
11:15	48	0.1846028	184.60281	* See Field Investigation Below
11:20	48	0.1842574	184.25741	* See Field Investigation Below
11:25	48	0.1838603	183.8603	* See Field Investigation Below

11:30	48	0.1840368	184.0368	* See Field Investigation Below
11:35	48	0.1833381	183.33814	* See Field Investigation Below
11:40	48	0.1830567	183.0567	* See Field Investigation Below
11:45	48	0.1828914	182.89138	* See Field Investigation Below
11:50	48	0.1820582	182.05818	* See Field Investigation Below
11:55	48	0.1815926	181.59257	* See Field Investigation Below
12:00	48	0.1810377	181.0377	* See Field Investigation Below
12:05	48	0.1803679	180.36786	* See Field Investigation Below
12:10	48	0.1801398	180.1398	* See Field Investigation Below
12:15	48	0.1803746	180.37461	* See Field Investigation Below
12:20	48	0.1794836	179.48365	* See Field Investigation Below
12:25	48	0.1792044	179.20439	* See Field Investigation Below
12:30	48	0.1784598	178.45982	* See Field Investigation Below
12:35	48	0.1776739	177.67389	* See Field Investigation Below
12:40	48	0.1771144	177.1144	* See Field Investigation Below
12:45	48	0.176803	176.80304	* See Field Investigation Below
12:50	48	0.1765842	176.58421	* See Field Investigation Below
12:55	48	0.1763538	176.35382	* See Field Investigation Below
13:00	48	0.1746438	174.64382	* See Field Investigation Below
13:05	48	0.1647763	164.77635	* See Field Investigation Below
13:10	48	0.1750426	175.04258	* See Field Investigation Below
13:15	48	0.1663979	166.39788	* See Field Investigation Below
13:20	48	0.1768681	176.86811	* See Field Investigation Below
13:25	48	0.1765964	176.59642	* See Field Investigation Below
13:30	48	0.1764138	176.4138	* See Field Investigation Below
13:35	48	0.1762344	176.23438	* See Field Investigation Below
13:40	48	0.1671972	167.1972	* See Field Investigation Below
13:45	48	0.1640351	164.03512	* See Field Investigation Below
13:50	48	0.1718996	171.89956	* See Field Investigation Below
13:55	48	0.1746201	174.62011	* See Field Investigation Below
14:00	48	0.1740856	174.08564	* See Field Investigation Below
14:05	48	0.1735352	173.53519	* See Field Investigation Below
14:10	48	0.1733535	173.35347	* See Field Investigation Below
14:15	48	0.1729573	172.95731	* See Field Investigation Below
14:20	48	0.1725322	172.53225	* See Field Investigation Below
14:25	48	0.1726003	172.60026	* See Field Investigation Below
14:30	48	0.1726886	172.68857	* See Field Investigation Below
14:35	48	0.1726776	172.6776	* See Field Investigation Below
14:40	48	0.1721408	172.1408	* See Field Investigation Below
14:45	48	0.1717352	171.73519	* See Field Investigation Below
14:50	48	0.1715096	171.50963	* See Field Investigation Below
14:55	48	0.1711932	171.19325	* See Field Investigation Below
15:00	48	0.1710005	171.00048	* See Field Investigation Below
15:05	48	0.1706135	170.61346	* See Field Investigation Below
15:10	48	0.1701308	170.13081	* See Field Investigation Below
15:15	48	0.1702703	170.27031	* See Field Investigation Below
15:20	48	0.1703853	170.38526	* See Field Investigation Below
15:25	48	0.171305	171.30503	* See Field Investigation Below
15:30	48	0.1722284	172.22836	* See Field Investigation Below
15:35	48	0.1731279	173.12785	* See Field Investigation Below
15:40	48	0.1737699	173.76986	* See Field Investigation Below
15:45	48	0.1741112	174.11119	* See Field Investigation Below
15:50	48	0.164653	164.65299	* See Field Investigation Below

15:55	48	0.1728652	172.86516	* See Field Investigation Below
16:00	48	0.1745047	174.5047	* See Field Investigation Below
16:05	48	0.1760867	176.08667	* See Field Investigation Below
16:10	48	0.1781129	178.11286	* See Field Investigation Below
16:15	48	0.1801278	180.12783	* See Field Investigation Below
16:20	48	0.1817248	181.72477	* See Field Investigation Below
16:25	48	0.1836791	183.67913	* See Field Investigation Below
16:30	48	0.1853224	185.32238	* See Field Investigation Below
16:35	48	0.1872758	187.27577	* See Field Investigation Below
16:40	48	0.1883562	188.35618	* See Field Investigation Below
16:45	48	0.1897238	189.72379	* See Field Investigation Below
16:50	48	0.1907934	190.79335	* See Field Investigation Below
16:55	48	0.1916784	191.67836	* See Field Investigation Below
17:00	48	0.1924597	192.45971	* See Field Investigation Below
17:05	48	0.1932949	193.29486	* See Field Investigation Below
17:10	48	0.1940516	194.05159	* See Field Investigation Below
17:15	48	0.1945029	194.50293	* See Field Investigation Below
17:20	48	0.1941645	194.16455	* See Field Investigation Below
17:25	48	0.1931513	193.15133	* See Field Investigation Below
17:30	48	0.191791	191.79096	* See Field Investigation Below
17:35	48	0.1887877	188.78768	* See Field Investigation Below
17:40	48	0.1845767	184.57669	* See Field Investigation Below
17:45	48	0.1714629	171.46285	* See Field Investigation Below
17:50	48	0.1722272	172.22719	* See Field Investigation Below
17:55	48	0.1723115	172.31145	* See Field Investigation Below
18:00	48	0.1707872	170.78716	* See Field Investigation Below
18:05	48	0.1702012	170.20118	* See Field Investigation Below
18:10	48	0.170363	170.36296	* See Field Investigation Below
18:15	48	0.1716074	171.60744	* See Field Investigation Below
18:20	48	0.1734551	173.45509	* See Field Investigation Below
18:25	48	0.1752741	175.27413	* See Field Investigation Below
18:30	48	0.1771287	177.12866	* See Field Investigation Below
18:35	48	0.1790694	179.0694	* See Field Investigation Below
18:40	48	0.1810267	181.02671	* See Field Investigation Below
18:45	48	0.1831955	183.19554	* See Field Investigation Below
18:50	48	0.1780959	178.09591	* See Field Investigation Below
18:55	48	0.1757183	175.7183	* See Field Investigation Below
19:00	48	0.180217	180.21705	* See Field Investigation Below
19:05	48	0.1841344	184.13435	* See Field Investigation Below
19:10	48	0.1897889	189.78894	* See Field Investigation Below
19:15	48	0.1839394	183.93945	* See Field Investigation Below
19:20	48	0.18574	185.74001	* See Field Investigation Below
19:25	48	0.1915396	191.5396	* See Field Investigation Below
19:30	48	0.189852	189.852	* See Field Investigation Below
19:35	48	0.1904887	190.48865	* See Field Investigation Below
19:40	48	0.1939765	193.97652	* See Field Investigation Below
19:45	48	0.1974658	197.46578	* See Field Investigation Below
19:50	48	0.1936817	193.68167	* See Field Investigation Below
19:55	48	0.1936626	193.66259	* See Field Investigation Below
20:00	48	0.1954858	195.48582	* See Field Investigation Below
20:05	48	0.2043298	204.32982	* See Field Investigation Below
20:10	48	0.1967448	196.74479	* See Field Investigation Below
20:15	48	0.1970447	197.04466	* See Field Investigation Below

20:20	48	0.1974916	197.49164	* See Field Investigation Below
20:25	48	0.2003255	200.32548	* See Field Investigation Below
20:30	48	0.2035037	203.50371	* See Field Investigation Below
20:35	48	0.1999197	199.91966	* See Field Investigation Below
20:40	48	0.2000093	200.00927	* See Field Investigation Below
20:45	48	0.2000373	200.03734	* See Field Investigation Below
20:50	48	0.2006713	200.67133	* See Field Investigation Below
20:55	48	0.205317	205.31703	* See Field Investigation Below
21:00	48	0.2009707	200.97071	* See Field Investigation Below
21:05	48	0.2003939	200.39388	* See Field Investigation Below
21:10	48	0.2000912	200.09123	* See Field Investigation Below
21:15	48	0.2041426	204.14262	* See Field Investigation Below
21:20	48	0.2005987	200.59875	* See Field Investigation Below
21:25	48	0.200178	200.17801	* See Field Investigation Below
21:30	48	0.2002954	200.29538	* See Field Investigation Below
21:35	48	0.2015449	201.54493	* See Field Investigation Below
21:40	48	0.2002088	200.20877	* See Field Investigation Below
21:45	48	0.1995465	199.54647	* See Field Investigation Below
21:50	48	0.2000297	200.02967	* See Field Investigation Below
21:55	48	0.2036062	203.60623	* See Field Investigation Below
22:00	48	0.2003402	200.34021	* See Field Investigation Below
22:05	48	0.2000006	200.00063	* See Field Investigation Below
22:10	48	0.2001528	200.15283	* See Field Investigation Below
22:15	48	0.1997886	199.78862	* See Field Investigation Below
22:20	48	0.2007942	200.79417	* See Field Investigation Below
22:25	48	0.1965453	196.5453	* See Field Investigation Below
22:30	48	0.1983861	198.38611	* See Field Investigation Below
22:35	48	0.1999983	199.99833	* See Field Investigation Below
22:40	48	0.2042007	204.20068	* See Field Investigation Below
22:45	48	0.2014173	201.41732	* See Field Investigation Below
22:50	48	0.2008594	200.85936	* See Field Investigation Below
22:55	48	0.2008935	200.89348	* See Field Investigation Below
23:00	48	0.2052026	205.2026	* See Field Investigation Below
23:05	48	0.202855	202.85504	* See Field Investigation Below
23:10	48	0.2011313	201.13134	* See Field Investigation Below
23:15	48	0.2009699	200.96994	* See Field Investigation Below
23:20	48	0.2055736	205.57357	* See Field Investigation Below
23:25	48	0.2016096	201.6096	* See Field Investigation Below
23:30	48	0.2006531	200.65313	* See Field Investigation Below
23:35	48	0.2003908	200.39082	* See Field Investigation Below
23:40	48	0.2106752	210.67524	* See Field Investigation Below
23:45	48	0.200766	200.76605	* See Field Investigation Below
23:50	48	0.1996108	199.61083	* See Field Investigation Below
23:55	48	0.2018382	201.83822	* See Field Investigation Below



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

6/27/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/27/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/27/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/27/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.02668	26.68096	0:00	63	0.035	34.941642	0:00	N/A	0.0027795	2.779507	0:00	48	0.2003916	200.39156	* See Field Investigation Below
0:15	56	0.02496	24.959784	0:15	63	0.034	34.460654	0:15	N/A	0.0023924	2.3924129	0:05	48	0.1994527	199.45275	* See Field Investigation Below
0:30	56	0.02551	25.506581	0:30	63	0.035	34.53453	0:30	N/A	0.0021729	2.1728692	0:10	48	0.2061445	206.14455	* See Field Investigation Below
0:45	56	0.02540	25.39559	0:45	63	0.034	34.424836	0:45	N/A	0.0016683	1.6683105	0:15	48	0.2015544	201.55444	* See Field Investigation Below
1:00	56	0.02376	23.762404	1:00	63	0.034	33.763401	1:00	N/A	0.0008602	0.8601876	0:20	48	0.1985891	198.58914	* See Field Investigation Below
1:15	56	0.02400	23.996554	1:15	63	0.034	33.766512	1:15	N/A	0.0002984	0.2984239	0:25	48	0.1981797	198.1797	* See Field Investigation Below
1:30	56	0.02346	23.45548	1:30	63	0.033	33.010828	1:30	N/A	0	0	0:30	48	0.2014866	201.48657	* See Field Investigation Below
1:45	56	0.02353	23.52821	1:45	63	0.033	33.389268	1:45	N/A	0	0	0:35	48	0.198416	198.41604	* See Field Investigation Below
2:00	56	0.02443	24.430393	2:00	63	0.034	33.682757	2:00	N/A	0.0001497	0.1497412	0:40	48	0.2664946	266.49457	* See Field Investigation Below
2:15	56	0.02456	24.556326	2:15	63	0.033	33.039488	2:15	N/A	0.000716	0.7159664	0:45	48	0.072441	72.441007	* See Field Investigation Below
2:30	56	0.02334	23.335387	2:30	63	0.033	32.939555	2:30	N/A	0.000108	0.1079526	0:50	48	0	0	
2:45	56	0.02183	21.825682	2:45	63	0.033	33.031791	2:45	N/A	0	0	0:55	48	0.1549887	154.98873	* See Field Investigation Below
3:00	56	0.02215	22.145209	3:00	63	0.033	32.775793	3:00	N/A	0	0	1:00	48	0.2041723	204.17226	* See Field Investigation Below
3:15	56	0.02216	22.159245	3:15	63	0.032	32.455811	3:15	N/A	0	0	1:05	48	0.1975894	197.58939	* See Field Investigation Below
3:30	56	0.02170	21.695093	3:30	63	0.032	32.348655	3:30	N/A	0	0	1:10	48	0.1985535	198.55351	* See Field Investigation Below
3:45	56	0.02062	20.623989	3:45	63	0.032	32.223417	3:45	N/A	0	0	1:15	48	0.1985823	198.58232	* See Field Investigation Below
4:00	56	0.02011	20.107119	4:00	63	0.032	32.18391	4:00	N/A	0	0	1:20	48	0.1974284	197.42841	* See Field Investigation Below
4:15	56	0.01995	19.953442	4:15	63	0.032	31.632569	4:15	N/A	0	0	1:25	48	0.1968738	196.8738	* See Field Investigation Below
4:30	56	0.02128	21.280826	4:30	63	0.032	31.558469	4:30	N/A	0	0	1:30	48	0.2056783	205.67831	* See Field Investigation Below
4:45	56	0.02190	21.901048	4:45	63	0.031	31.217977	4:45	N/A	0	0	1:35	48	0.2005296	200.52956	* See Field Investigation Below
5:00	56	0.02262	22.620071	5:00	63	0.031	31.269688	5:00	N/A	0	0	1:40	48	0.1972017	197.20175	* See Field Investigation Below
5:15	56	0.02024	20.244607	5:15	63	0.032	31.600386	5:15	N/A	0	0	1:45	48	0.2028239	202.82394	* See Field Investigation Below
5:30	56	0.01987	19.874619	5:30	63	0.032	32.07638	5:30	N/A	0	0	1:50	48	0.1990812	199.08116	* See Field Investigation Below
5:45	56	0.02118	21.179491	5:45	63	0.032	32.008277	5:45	N/A	0	0	1:55	48	0.1964365	196.4365	* See Field Investigation Below
6:00	56	0.02275	22.746367	6:00	63	0.032	31.927643	6:00	N/A	0	0	2:00	48	0.2550799	255.07986	* See Field Investigation Below
6:15	56	0.02126	21.257637	6:15	63	0.032	32.452985	6:15	N/A	0	0	2:05	48	0.1292139	129.21386	* See Field Investigation Below
6:30	56	0.02126	21.257253	6:30	63	0.033	33.066222	6:30	N/A	0	0	2:10	48	0	0	
6:45	56	0.02226	22.257088	6:45	63	0.034	33.679705	6:45	N/A	9.65E-06	0.0096505	2:15	48	0	0	
7:00	56	0.02139	21.388469	7:00	63	0.035	34.513964	7:00	N/A	0.0001117	0.1117339	2:20	48	0	0	
7:15	56	0.02338	23.376831	7:15	63	0.035	34.850291	7:15	N/A	0.0007174	0.7173699	2:25	48	0	0	
7:30	56	0.02166	21.656095	7:30	63	0.035	35.252402	7:30	N/A	0.0020418	2.0418364	2:30	48	0	0	
7:45	56	0.02259	22.585132	7:45	63	0.035	35.251589	7:45	N/A	0.0032957	3.2956875	2:35	48	0	0	
8:00	56	0.02368	23.683299	8:00	63	0.035	34.78311	8:00	N/A	0.0032662	3.2661564	2:40	48	0	0	
8:15	56	0.02261	22.610835	8:15	63	0.035	34.795736	8:15	N/A	0.0031999	3.1999167	2:45	48	0	0	
8:30	56	0.02229	22.285121	8:30	63	0.034	34.348917	8:30	N/A	0.003332	3.3320317	2:50	48	0	0	
8:45	56	0.02008	20.08278	8:45	63	0.034	33.509017	8:45	N/A	0.0021925	2.1925223	2:55	48	0	0	
9:00	56	0.01994	19.942583	9:00	63	0.034	33.616373	9:00	N/A	0.0016193	1.619338	3:00	48	0	0	
9:15	56	0.02098	20.98128	9:15	63	0.034	34.362364	9:15	N/A	0.0018577	1.8577358	3:05	48	0	0	
9:30	56	0.02236	22.36414	9:30	63	0.035	34.841904	9:30	N/A	0.0019601	1.9600668	3:10	48	0	0	
9:45	56	0.02052	20.518777	9:45	63	0.035	34.877063	9:45	N/A	0.0014197	1.4197447	3:15	48	0	0	
10:00	56	0.02101	21.007792	10:00	63	0.034	34.263486	10:00	N/A	0.0010149	1.0148535	3:20	48	0	0	
10:15	56	0.02100	21.001447	10:15	63	0.035	35.184317	10:15	N/A	0.0021918	2.1917886	3:25	48	0	0	
10:30	56	0.02012	20.123282	10:30	63	0.035	35.106086	10:30	N/A	0.0027764	2.7764413	3:30	48	0.1749147	174.91469	* See Field Investigation Below

10:45	56	0.01844	18.440765	10:45	63	0.036	35.851719	10:45	N/A	0.0031904	3.1903548	3:35	48	0.1530845	153.08447	* See Field Investigation Below
11:00	56	0.02123	21.23486	11:00	63	0.037	37.048963	11:00	N/A	0.0040037	4.003672	3:40	48	0	0	
11:15	56	0.02096	20.962538	11:15	63	0.038	37.520858	11:15	N/A	0.0032247	3.2247234	3:45	48	0.1284614	128.46141	* See Field Investigation Below
11:30	56	0.02057	20.565283	11:30	63	0.037	37.325526	11:30	N/A	0.0036501	3.6500893	3:50	48	0.2170524	217.05236	* See Field Investigation Below
11:45	56	0.02115	21.149242	11:45	63	0.037	36.825277	11:45	N/A	0.0039121	3.9121032	3:55	48	0.195941	195.94103	* See Field Investigation Below
12:00	56	0.02045	20.451722	12:00	63	0.036	36.17018	12:00	N/A	0.0018724	1.8723715	4:00	48	0.1998027	199.80274	* See Field Investigation Below
12:15	56	0.01963	19.626627	12:15	63	0.035	35.438173	12:15	N/A	0.001838	1.8380276	4:05	48	0.2009582	200.95824	* See Field Investigation Below
12:30	56	0.02075	20.754811	12:30	63	0.036	35.591803	12:30	N/A	0.0010707	1.0707165	4:10	48	0.19593	195.93002	* See Field Investigation Below
12:45	56	0.02149	21.492684	12:45	63	0.036	36.051527	12:45	N/A	0.0018505	1.8505096	4:15	48	0.1983212	198.32118	* See Field Investigation Below
13:00	56	0.02148	21.47669	13:00	63	0.037	36.645351	13:00	N/A	0.0020449	2.0449205	4:20	48	0.2013809	201.38094	* See Field Investigation Below
13:15	56	0.02273	22.725647	13:15	63	0.038	38.093625	13:15	N/A	0.0041558	4.1558407	4:25	48	0.1961516	196.15162	* See Field Investigation Below
13:30	56	0.02490	24.904075	13:30	63	0.040	39.559648	13:30	N/A	0.0046771	4.6771001	4:30	48	0.1995234	199.52343	* See Field Investigation Below
13:45	56	0.02348	23.477275	13:45	63	0.040	40.174784	13:45	N/A	0.0060778	6.0777628	4:35	48	0.2004352	200.43522	* See Field Investigation Below
14:00	56	0.02381	23.813929	14:00	63	0.040	40.266167	14:00	N/A	0.0062953	6.2953184	4:40	48	0.1985893	198.58935	* See Field Investigation Below
14:15	56	0.02383	23.830589	14:15	63	0.040	40.055156	14:15	N/A	0.0059587	5.958688	4:45	48	0.1963192	196.31924	* See Field Investigation Below
14:30	56	0.02390	23.902455	14:30	63	0.040	39.607027	14:30	N/A	0.0047292	4.7291526	4:50	48	0.1973478	197.34778	* See Field Investigation Below
14:45	56	0.02494	24.941584	14:45	63	0.038	38.40359	14:45	N/A	0.0045387	4.5387354	4:55	48	0.1957313	195.73135	* See Field Investigation Below
15:00	56	0.02302	23.017925	15:00	63	0.038	37.841994	15:00	N/A	0.0041799	4.1798771	5:00	48	0.1997972	199.79722	* See Field Investigation Below
15:15	56	0.02320	23.198616	15:15	63	0.039	38.749125	15:15	N/A	0.0041683	4.168312	5:05	48	0.2066651	206.6651	* See Field Investigation Below
15:30	56	0.02169	21.691663	15:30	63	0.038	38.233334	15:30	N/A	0.0048743	4.8742971	5:10	48	0.1959631	195.96307	* See Field Investigation Below
15:45	56	0.02026	20.257954	15:45	63	0.036	36.365903	15:45	N/A	0.0038937	3.8936631	5:15	48	0.1959001	195.90012	* See Field Investigation Below
16:00	56	0.01994	19.938003	16:00	63	0.036	35.669254	16:00	N/A	0.0041361	4.1361462	5:20	48	0.1986915	198.69149	* See Field Investigation Below
16:15	56	0.02104	21.042716	16:15	63	0.036	35.610387	16:15	N/A	0.0026775	2.6774525	5:25	48	0.1955907	195.59066	* See Field Investigation Below
16:30	56	0.02085	20.846144	16:30	63	0.036	36.158694	16:30	N/A	0.0015911	1.5910745	5:30	48	0.1977636	197.76356	* See Field Investigation Below
16:45	56	0.02090	20.895705	16:45	63	0.036	36.145025	16:45	N/A	0.0012287	1.2287259	5:35	48	0.1999458	199.94578	* See Field Investigation Below
17:00	56	0.02086	20.859729	17:00	63	0.036	35.625467	17:00	N/A	0.0009979	0.9979267	5:40	48	0.1978375	197.83751	* See Field Investigation Below
17:15	56	0.02131	21.307689	17:15	63	0.036	36.125682	17:15	N/A	1.131E-05	0.0113077	5:45	48	0.2005125	200.51249	* See Field Investigation Below
17:30	56	0.02303	23.02789	17:30	63	0.037	36.829285	17:30	N/A	0	0	5:50	48	0.1959737	195.97368	* See Field Investigation Below
17:45	56	0.02151	21.506943	17:45	63	0.037	36.974332	17:45	N/A	0	0	5:55	48	0.1969351	196.93513	* See Field Investigation Below
18:00	56	0.02175	21.750045	18:00	63	0.037	36.655079	18:00	N/A	0	0	6:00	48	0.1982172	198.21716	* See Field Investigation Below
18:15	56	0.02140	21.401461	18:15	63	0.037	36.603115	18:15	N/A	0	0	6:05	48	0.1964206	196.42059	* See Field Investigation Below
18:30	56	0.02143	21.43467	18:30	63	0.037	36.632159	18:30	N/A	0	0	6:10	48	0.1970101	197.01008	* See Field Investigation Below
18:45	56	0.02159	21.588264	18:45	63	0.037	36.694318	18:45	N/A	0	0	6:15	48	0.1997079	199.70786	* See Field Investigation Below
19:00	56	0.02186	21.861541	19:00	63	0.037	37.276658	19:00	N/A	5.55E-08	5.55E-05	6:20	48	0.1971752	197.1752	* See Field Investigation Below
19:15	56	0.02186	21.862427	19:15	63	0.037	37.104931	19:15	N/A	8.829E-05	0.0882899	6:25	48	0.1986879	198.68788	* See Field Investigation Below
19:30	56	0.02200	21.995812	19:30	63	0.037	37.252282	19:30	N/A	0.000725	0.7250305	6:30	48	0.2010863	201.08631	* See Field Investigation Below
19:45	56	0.02159	21.586508	19:45	63	0.037	37.128274	19:45	N/A	0.0010028	1.0027852	6:35	48	0.1984421	198.44214	* See Field Investigation Below
20:00	56	0.02164	21.644675	20:00	63	0.037	37.215854	20:00	N/A	0.0023056	2.3056263	6:40	48	0.1982709	198.27088	* See Field Investigation Below
20:15	56	0.02145	21.451676	20:15	63	0.037	37.385151	20:15	N/A	0.0017479	1.7479149	6:45	48	0.1985388	198.53881	* See Field Investigation Below
20:30	56	0.02220	22.196803	20:30	63	0.037	37.430793	20:30	N/A	0.0011404	1.1404484	6:50	48	0.2016078	201.6078	* See Field Investigation Below
20:45	56	0.02274	22.743492	20:45	63	0.038	37.918623	20:45	N/A	0.0011914	1.1913621	6:55	48	0.1986745	198.67446	* See Field Investigation Below
21:00	56	0.02269	22.6908	21:00	63	0.038	37.826254	21:00	N/A	0.0009355	0.9354859	7:00	48	0.1992147	199.21467	* See Field Investigation Below
21:15	56	0.02258	22.5765	21:15	63	0.038	38.268787	21:15	N/A	0.0006428	0.6428133	7:05	48	0.2018979	201.8979	* See Field Investigation Below
21:30	56	0.02249	22.4938	21:30	63	0.038	38.198122	21:30	N/A	0.0009439	0.9439178	7:10	48	0.1998471	199.8471	* See Field Investigation Below
21:45	56	0.02258	22.581125	21:45	63	0.038	38.272784	21:45	N/A	0.0010037	1.0037068	7:15	48	0.2001383	200.1383	* See Field Investigation Below
22:00	56	0.02300	22.995193	22:00	63	0.039	38.517925	22:00	N/A	0.0007224	0.7224069	7:20	48	0.2022386	202.23863	* See Field Investigation Below
22:15	56	0.02342	23.420241	22:15	63	0.038	38.223027	22:15	N/A	0.0010003	1.0003458	7:25	48	0.2006914	200.69143	* See Field Investigation Below
22:30	56	0.02330	23.297082	22:30	63	0.038	38.323599	22:30	N/A	0.0010494	1.0494005	7:30	48	0.2016243	201.62433	* See Field Investigation Below
22:45	56	0.02328	23.279677	22:45	63	0.038	38.246196	22:45	N/A	0.0006097	0.6096746	7:35	48	0.20654	206.53998	* See Field Investigation Below
23:00	56	0.02307	23.066458	23:00	63	0.038	37.789699	23:00	N/A	0.0005348	0.5348044	7:40	48	0.2012127	201.21268	* See Field Investigation Below
23:15	56	0.02336	23.363875	23:15	63	0.038	37.525779	23:15	N/A	0.0011809	1.1808741	7:45	48	0.2013639	201.36386	* See Field Investigation Below
23:30	56	0.02345	23.4489	23:30	63	0.038	37.77212	23:30	N/A	0.0016525	1.6525183	7:50	48	0.2033908	203.39083	* See Field Investigation Below
23:45	56	0.02256	22.558303	23:45	63	0.038	37.90209	23:45	N/A	0.0014548	1.4548437	7:55	48	0.2026175	202.61748	* 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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8:00	48	0.2022897	202.28967	* See Field Investigation Below
8:05	48	0.2022952	202.29519	* See Field Investigation Below
8:10	48	0.2026996	202.69962	* See Field Investigation Below
8:15	48	0.2054965	205.49645	* See Field Investigation Below
8:20	48	0.2037157	203.71565	* See Field Investigation Below
8:25	48	0.2031651	203.16513	* See Field Investigation Below
8:30	48	0.2017466	201.74661	* See Field Investigation Below
8:35	48	0.2039973	203.99726	* See Field Investigation Below
8:40	48	0.2022047	202.20467	* See Field Investigation Below
8:45	48	0.202226	202.22603	* See Field Investigation Below
8:50	48	0.202183	202.183	* See Field Investigation Below
8:55	48	0.2055673	205.56732	* See Field Investigation Below
9:00	48	0.2042773	204.27734	* See Field Investigation Below
9:05	48	0.2046267	204.6267	* See Field Investigation Below
9:10	48	0.2045437	204.54374	* See Field Investigation Below
9:15	48	0.204388	204.38801	* See Field Investigation Below
9:20	48	0.2103173	210.3173	* See Field Investigation Below
9:25	48	0.2069016	206.90163	* See Field Investigation Below
9:30	48	0.2049149	204.91489	* See Field Investigation Below
9:35	48	0.2041598	204.15975	* See Field Investigation Below
9:40	48	0.2054918	205.49178	* See Field Investigation Below
9:45	48	0.2049601	204.96007	* See Field Investigation Below
9:50	48	0.2040599	204.05995	* See Field Investigation Below
9:55	48	0.2039453	203.94531	* See Field Investigation Below
10:00	48	0.2046581	204.65814	* See Field Investigation Below
10:05	48	0.2042173	204.21727	* See Field Investigation Below
10:10	48	0.204752	204.75198	* See Field Investigation Below
10:15	48	0.2035341	203.53413	* See Field Investigation Below
10:20	48	0.2031729	203.17288	* See Field Investigation Below
10:25	48	0.203511	203.51104	* See Field Investigation Below
10:30	48	0.2027639	202.76386	* See Field Investigation Below
10:35	48	0.2014061	201.4061	* See Field Investigation Below
10:40	48	0.2028123	202.81234	* See Field Investigation Below
10:45	48	0.2050467	205.04672	* See Field Investigation Below
10:50	48	0.205429	205.42897	* See Field Investigation Below
10:55	48	0.205276	205.27596	* See Field Investigation Below
11:00	48	0.2050162	205.01621	* See Field Investigation Below
11:05	48	0.204822	204.82205	* See Field Investigation Below
11:10	48	0.2044227	204.42268	* See Field Investigation Below
11:15	48	0.2042806	204.2806	* See Field Investigation Below
11:20	48	0.2044749	204.47493	* See Field Investigation Below
11:25	48	0.2047575	204.75746	* See Field Investigation Below
11:30	48	0.2051885	205.18852	* See Field Investigation Below
11:35	48	0.2055763	205.57634	* See Field Investigation Below
11:40	48	0.2058705	205.87045	* See Field Investigation Below
11:45	48	0.2061219	206.12191	* See Field Investigation Below
11:50	48	0.2062229	206.22292	* See Field Investigation Below
11:55	48	0.2062755	206.27554	* See Field Investigation Below
12:00	48	0.2047009	204.7009	* See Field Investigation Below
12:05	48	0.2049647	204.96466	* See Field Investigation Below
12:10	48	0.2033752	203.37515	* See Field Investigation Below
12:15	48	0.2039858	203.9858	* See Field Investigation Below
12:20	48	0.2049543	204.95426	* See Field Investigation Below

12:25	48	0.204275	204.27499	* See Field Investigation Below
12:30	48	0.2043827	204.38268	* See Field Investigation Below
12:35	48	0.2055324	205.53235	* See Field Investigation Below
12:40	48	0.2053586	205.35859	* See Field Investigation Below
12:45	48	0.2034748	203.4748	* See Field Investigation Below
12:50	48	0.2033019	203.30194	* See Field Investigation Below
12:55	48	0.2047601	204.76009	* See Field Investigation Below
13:00	48	0.201031	201.03103	* See Field Investigation Below
13:05	48	0.1788277	178.82766	* See Field Investigation Below
13:10	48	0.1529195	152.91946	* See Field Investigation Below
13:15	48	0.1306163	130.61631	* See Field Investigation Below
13:20	48	0.1188879	118.88793	* See Field Investigation Below
13:25	48	0.110893	110.89299	* See Field Investigation Below
13:30	48	0.1020705	102.07053	* See Field Investigation Below
13:35	48	0.0936922	93.692212	* See Field Investigation Below
13:40	48	0.087897	87.89699	* See Field Investigation Below
13:45	48	0.0829576	82.957639	* See Field Investigation Below
13:50	48	0.0780333	78.033289	* See Field Investigation Below
13:55	48	0.0747725	74.772478	* See Field Investigation Below
14:00	48	0.0711481	71.148082	* See Field Investigation Below
14:05	48	0.0675154	67.515429	* See Field Investigation Below
14:10	48	0.0641624	64.162421	* See Field Investigation Below
14:15	48	0.0596747	59.674744	* See Field Investigation Below
14:20	48	0.0563416	56.341603	* See Field Investigation Below
14:25	48	0.0525846	52.584623	* See Field Investigation Below
14:30	48	0.0495615	49.561544	* See Field Investigation Below
14:45	48	0.0445477	44.54773	
15:00	48	0.0383415	38.341493	
15:15	48	0.0356937	35.693737	
15:30	48	0.0332523	33.252274	
15:45	48	0.0335972	33.597235	
16:00	48	0.031918	31.917985	
16:15	48	0.0328797	32.879675	
16:30	48	0.0335315	33.531451	
16:45	48	0.0348265	34.826524	
17:00	48	0.0342414	34.241403	
17:15	48	0.034692	34.69201	
17:30	48	0.0351496	35.14965	
17:45	48	0.0345671	34.567064	
18:00	48	0.0337636	33.763642	
18:15	48	0.0329276	32.927554	
18:30	48	0.031834	31.833985	
18:45	48	0.0318952	31.895236	
19:00	48	0.0315127	31.512686	
19:15	48	0.0307367	30.736694	
19:30	48	0.0312092	31.209174	
19:45	48	0.0314304	31.430352	
20:00	48	0.0310057	31.005726	
20:15	48	0.0302071	30.207089	
20:30	48	0.0300468	30.046755	
20:45	48	0.0293907	29.39071	
21:00	48	0.0288694	28.869363	
21:15	48	0.0289985	28.998477	

21:30	48	0.0282466	28.246605	
21:45	48	0.0284754	28.475379	
22:00	48	0.028663	28.662963	
22:15	48	0.0287032	28.70316	
22:30	48	0.0281249	28.124883	
22:45	48	0.027782	27.781982	
23:00	48	0.0279388	27.938753	
23:15	48	0.027502	27.501963	
23:30	48	0.027302	27.30195	
23:45	48	0.0266315	26.631495	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
04	0.8	0	0	0	0.41

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)																
6/28/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/28/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/28/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/28/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.02306	23.063198	0:00	63	0.038	38.110559	0:00	N/A	0.0014483	1.4483435	0:00	48	0.0264287	26.428747	
0:15	56	0.02365	23.649498	0:15	63	0.038	38.125915	0:15	N/A	0.0015495	1.5495404	0:15	48	0.0266448	26.644809	
0:30	56	0.02456	24.563924	0:30	63	0.038	37.515212	0:30	N/A	0.0003446	0.3446315	0:30	48	0.0270523	27.052275	
0:45	56	0.02534	25.335641	0:45	63	0.038	37.993414	0:45	N/A	0.0006354	0.6353865	0:45	48	0.0274182	27.418233	
1:00	56	0.02498	24.98162	1:00	63	0.037	37.418605	1:00	N/A	0.0015149	1.514863	1:00	48	0.0274149	27.414931	
1:15	56	0.02378	23.778669	1:15	63	0.037	36.549853	1:15	N/A	0.0015374	1.5373973	1:15	48	0.0271349	27.134904	
1:30	56	0.02313	23.130541	1:30	63	0.036	36.245326	1:30	N/A	0.000934	0.9340177	1:30	48	0.0275014	27.501423	
1:45	56	0.02317	23.172403	1:45	63	0.037	37.040891	1:45	N/A	0	0	1:45	48	0.0287903	28.790287	
2:00	56	0.02275	22.750489	2:00	63	0.037	37.206062	2:00	N/A	0	0	2:00	48	0.0295857	29.585687	
2:15	56	0.02213	22.12984	2:15	63	0.035	34.822196	2:15	N/A	0	0	2:15	48	0.030721	30.721048	
2:30	56	0.02256	22.555517	2:30	63	0.036	36.197403	2:30	N/A	0	0	2:30	48	0.0310304	31.030385	
2:45	56	0.02319	23.190093	2:45	63	0.037	37.189003	2:45	N/A	0	0	2:45	48	0.0325342	32.534202	
3:00	56	0.02291	22.911263	3:00	63	0.038	37.733257	3:00	N/A	0	0	3:00	48	0.0327143	32.714262	
3:15	56	0.02347	23.469213	3:15	63	0.038	37.8251	3:15	N/A	0	0	3:15	48	0.0334336	33.433645	
3:30	56	0.02240	22.4021	3:30	63	0.037	37.185053	3:30	N/A	0	0	3:30	48	0.032056	32.055979	
3:45	56	0.01989	19.885405	3:45	63	0.037	37.072902	3:45	N/A	0	0	3:45	48	0.0308596	30.859603	
4:00	56	0.01938	19.383319	4:00	63	0.032	31.872848	4:00	N/A	0	0	4:00	48	0.027754	27.754022	
4:15	56	0.01954	19.544973	4:15	63	0.034	33.580279	4:15	N/A	0	0	4:15	48	0.0279231	27.923138	
4:30	56	0.01796	17.95546	4:30	63	0.033	32.950158	4:30	N/A	0	0	4:30	48	0.0274289	27.428945	
4:45	56	0.01691	16.910386	4:45	63	0.031	31.072714	4:45	N/A	0	0	4:45	48	0.0263349	26.334876	
5:00	56	0.01639	16.39113	5:00	63	0.031	31.246132	5:00	N/A	0	0	5:00	48	0.0264289	26.428946	
5:15	56	0.01581	15.811694	5:15	63	0.030	30.232897	5:15	N/A	0	0	5:15	48	0.0261174	26.117407	
5:30	56	0.01632	16.322754	5:30	63	0.031	30.708791	5:30	N/A	0	0	5:30	48	0.0269548	26.95483	
5:45	56	0.01611	16.107468	5:45	63	0.033	33.482322	5:45	N/A	0	0	5:45	48	0.0274273	27.427282	
6:00	56	0.01537	15.365994	6:00	63	0.032	31.688059	6:00	N/A	0	0	6:00	48	0.0267071	26.707064	
6:15	56	0.01553	15.530971	6:15	63	0.032	31.50526	6:15	N/A	0	0	6:15	48	0.0260151	26.015068	
6:30	56	0.01539	15.385275	6:30	63	0.031	31.264042	6:30	N/A	0	0	6:30	48	0.025712	25.712015	
6:45	56	0.01735	17.348504	6:45	63	0.032	32.222009	6:45	N/A	0	0	6:45	48	0.0285364	28.536423	
7:00	56	0.01790	17.901797	7:00	63	0.032	31.635189	7:00	N/A	0	0	7:00	48	0.0297467	29.746666	
7:15	56	0.01568	15.676157	7:15	63	0.031	31.466846	7:15	N/A	0	0	7:15	48	0.027458	27.45801	
7:30	56	0.01442	14.42303	7:30	63	0.030	30.121303	7:30	N/A	0	0	7:30	48	0.0256581	25.658059	
7:45	56	0.01501	15.012669	7:45	63	0.030	30.059621	7:45	N/A	0	0	7:45	48	0.0264441	26.444076	
8:00	56	0.01849	18.492669	8:00	63	0.034	33.889154	8:00	N/A	0	0	8:00	48	0.0302945	30.294545	

8:15	56	0.02081	20.809631	8:15	63	0.036	35.811902	8:15	N/A	0	0	8:15	48	0.0329231	32.923087	
8:30	56	0.02116	21.162418	8:30	63	0.037	36.750311	8:30	N/A	0	0	8:30	48	0.0331031	33.10315	
8:45	56	0.01988	19.881027	8:45	63	0.037	36.626539	8:45	N/A	0	0	8:45	48	0.0317718	31.771818	
9:00	56	0.01954	19.541031	9:00	63	0.035	34.617638	9:00	N/A	0	0	9:00	48	0.0317301	31.730135	
9:15	56	0.02115	21.14992	9:15	63	0.036	36.117048	9:15	N/A	0	0	9:15	48	0.0332093	33.209309	
9:30	56	0.02039	20.392295	9:30	63	0.037	36.551083	9:30	N/A	0	0	9:30	48	0.032487	32.487018	
9:45	56	0.01931	19.310063	9:45	63	0.037	36.750336	9:45	N/A	0	0	9:45	48	0.032042	32.042036	
10:00	56	0.01885	18.848108	10:00	63	0.035	34.95092	10:00	N/A	0	0	10:00	48	0.0317546	31.754619	
10:15	56	0.01869	18.690886	10:15	63	0.036	35.940262	10:15	N/A	0	0	10:15	48	0.0324563	32.456311	
10:30	56	0.01804	18.039516	10:30	63	0.037	36.876412	10:30	N/A	0	0	10:30	48	0.0328382	32.838164	
10:45	56	0.01760	17.604078	10:45	63	0.036	35.918948	10:45	N/A	0	0	10:45	48	0.0328004	32.800383	
11:00	56	0.01758	17.580318	11:00	63	0.036	35.700454	11:00	N/A	0	0	11:00	48	0.0329696	32.969584	
11:15	56	0.01654	16.544615	11:15	63	0.036	35.787843	11:15	N/A	0	0	11:15	48	0.0325763	32.576269	
11:30	56	0.01699	16.992836	11:30	63	0.034	33.782019	11:30	N/A	0	0	11:30	48	0.0326233	32.623308	
11:45	56	0.01767	17.670012	11:45	63	0.034	34.39642	11:45	N/A	0	0	11:45	48	0.0336728	33.672804	
12:00	56	0.01780	17.803799	12:00	63	0.035	34.812966	12:00	N/A	0	0	12:00	48	0.034101	34.100953	
12:15	56	0.01854	18.53864	12:15	63	0.036	35.91791	12:15	N/A	0	0	12:15	48	0.0346575	34.657475	
12:30	56	0.01881	18.809965	12:30	63	0.036	35.713556	12:30	N/A	0	0	12:30	48	0.035099	35.098994	
12:45	56	0.01870	18.696779	12:45	63	0.036	35.728428	12:45	N/A	0	0	12:45	48	0.035645	35.64502	
13:00	56	0.01900	19.000085	13:00	63	0.036	35.514911	13:00	N/A	0	0	13:00	48	0.0365581	36.558056	
13:15	56	0.01834	18.339249	13:15	63	0.035	35.373622	13:15	N/A	0	0	13:15	48	0.0365264	36.526368	
13:30	56	0.01685	16.850875	13:30	63	0.035	34.705856	13:30	N/A	0	0	13:30	48	0.035997	35.996993	
13:45	56	0.01725	17.245957	13:45	63	0.035	34.70461	13:45	N/A	0	0	13:45	48	0.037683	37.682969	
14:00	56	0.01680	16.798601	14:00	63	0.035	34.891453	14:00	N/A	0	0	14:00	48	0.0382901	38.290088	
14:15	56	0.01564	15.639022	14:15	63	0.034	33.648016	14:15	N/A	0	0	14:15	48	0.0394373	39.437273	
14:30	56	0.01435	14.34557	14:30	63	0.035	34.577216	14:30	N/A	0	0	14:30	48	0.0400336	40.033611	
14:45	56	0.01559	15.593348	14:45	63	0.036	35.681246	14:45	N/A	0	0	14:45	48	0.0428657	42.86567	
15:00	56	0.01430	14.301563	15:00	63	0.035	34.916681	15:00	N/A	0	0	15:00	48	0.0436412	43.64189	
15:15	56	0.01291	12.913111	15:15	63	0.035	34.930312	15:15	N/A	0	0	15:15	48	0.0462643	46.264323	
15:30	56	0.01168	11.678329	15:30	63	0.034	33.697472	15:30	N/A	0	0	15:30	48	0.051231	51.230972	* See Field Investigation Below
15:45	56	0.01123	11.228158	15:45	63	0.033	33.303766	15:45	N/A	0	0	15:35	48	0.0516728	51.67277	* See Field Investigation Below
16:00	56	0.01102	11.015159	16:00	63	0.032	32.028273	16:00	N/A	0	0	15:40	48	0.0490188	49.018799	* See Field Investigation Below
16:15	56	0.01028	10.282953	16:15	63	0.033	33.217731	16:15	N/A	0	0	15:45	48	0.0528461	52.846132	* See Field Investigation Below
16:30	56	0.00931	9.3061199	16:30	63	0.033	33.122552	16:30	N/A	0	0	15:50	48	0.0515066	51.506595	* See Field Investigation Below
16:45	56	0.00946	9.455069	16:45	63	0.033	32.638737	16:45	N/A	0	0	15:55	48	0.0548511	54.851132	* See Field Investigation Below
17:00	56	0.00949	9.4855122	17:00	63	0.033	32.654358	17:00	N/A	0	0	16:00	48	0.0536816	53.681641	* See Field Investigation Below
17:15	56	0.01045	10.447528	17:15	63	0.033	33.32248	17:15	N/A	0	0	16:05	48	0.0544958	54.495825	* See Field Investigation Below
17:30	56	0.00856	8.5562246	17:30	63	0.033	33.016128	17:30	N/A	0	0	16:10	48	0.0578366	57.836634	* See Field Investigation Below
17:45	56	0.00774	7.7443524	17:45	63	0.032	32.336404	17:45	N/A	0	0	16:15	48	0.0593104	59.310364	* See Field Investigation Below
18:00	56	0.00752	7.5176322	18:00	63	0.032	31.827187	18:00	N/A	0	0	16:20	48	0.0602942	60.294234	* See Field Investigation Below
18:15	56	0.00694	6.943684	18:15	63	0.031	31.26041	18:15	N/A	0	0	16:25	48	0.0572852	57.285187	* See Field Investigation Below
18:30	56	0.00624	6.2410421	18:30	63	0.031	31.080235	18:30	N/A	0.0005979	0.5978679	16:30	48	0.0574131	57.413147	* See Field Investigation Below
18:45	56	0.00689	6.889342	18:45	63	0.031	30.753151	18:45	N/A	0.0015009	1.500875	16:35	48	0.0600103	60.010287	* See Field Investigation Below
19:00	56	0.00708	7.0840001	19:00	63	0.031	30.576532	19:00	N/A	0.0018352	1.8351848	16:40	48	0.0602389	60.23886	* See Field Investigation Below
19:15	56	0.00722	7.2157564	19:15	63	0.030	30.230494	19:15	N/A	0.0024082	2.4082489	16:45	48	0.0573105	57.31052	* See Field Investigation Below
19:30	56	0.00756	7.5620343	19:30	63	0.032	31.704731	19:30	N/A	0.0020914	2.0914307	16:50	48	0.0581264	58.126416	* See Field Investigation Below
19:45	56	0.00902	9.0171751	19:45	63	0.032	31.988547	19:45	N/A	0.002809	2.8089718	16:55	48	0.0559176	55.917601	* See Field Investigation Below
20:00	56	0.00865	8.6513396	20:00	63	0.030	30.015519	20:00	N/A	0.004324	4.324048	17:00	48	0.0565063	56.506332	* See Field Investigation Below
20:15	56	0.00971	9.7125684	20:15	63	0.031	31.341806	20:15	N/A	0.004782	4.7819896	17:05	48	0.0535752	53.575182	* See Field Investigation Below
20:30	56	0.01144	11.435686	20:30	63	0.034	34.351584	20:30	N/A	0.0031205	3.1205158	17:10	48	0.0554506	55.450575	* See Field Investigation Below
20:45	56	0.01403	14.034163	20:45	63	0.035	34.997968	20:45	N/A	0.002574	2.5740174	17:15	48	0.0556751	55.675124	* See Field Investigation Below
21:00	56	0.01518	15.182058	21:00	63	0.034	34.828668	21:00	N/A	0.0031344	3.1344437	17:20	48	0.0558869	55.888684	* See Field Investigation Below
21:15	56	0.01427	14.271479	21:15	63	0.035	34.72863	21:15	N/A	0.002529	2.5290305	17:25	48	0.0560672	56.067179	* See Field Investigation Below

21:30	56	0.01629	16.285436	21:30	63	0.036	35.815693	21:30	N/A	0.0025086	2.5085786	17:30	48	0.054158	54.157977	* See Field Investigation Below
21:45	56	0.01840	18.404322	21:45	63	0.036	35.998422	21:45	N/A	0.0033927	3.3926865	17:35	48	0.0540512	54.051162	* See Field Investigation Below
22:00	56	0.01901	19.012595	22:00	63	0.036	35.504582	22:00	N/A	0.0031915	3.1914632	17:40	48	0.0541484	54.1484	* See Field Investigation Below
22:15	56	0.01833	18.332836	22:15	63	0.035	35.192307	22:15	N/A	0.0033077	3.307699	17:45	48	0.0532021	53.202083	* See Field Investigation Below
22:30	56	0.01988	19.876978	22:30	63	0.035	35.055127	22:30	N/A	0.0045045	4.5045199	17:50	48	0.051422	51.421977	* See Field Investigation Below
22:45	56	0.01902	19.016885	22:45	63	0.035	34.507221	22:45	N/A	0.003633	3.6330011	17:55	48	0.0499114	49.911413	* See Field Investigation Below
23:00	56	0.01701	17.007026	23:00	63	0.034	34.097287	23:00	N/A	0.0026811	2.6811444	18:00	48	0.0491936	49.193591	* See Field Investigation Below
23:15	56	0.01726	17.257805	23:15	63	0.034	33.826745	23:15	N/A	0.004329	4.3289592	18:05	48	0.0484843	48.484273	* See Field Investigation Below
23:30	56	0.01798	17.976234	23:30	63	0.034	33.644203	23:30	N/A	0.001843	1.8430144	18:10	48	0.0467362	46.736236	
23:45	56	0.01569	15.689077	23:45	63	0.034	33.546621	23:45	N/A	0.0010181	1.0180586	18:15	48	0.0469725	46.972512	

* 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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18:30	48	0.0430804	43.080365
18:45	48	0.0404506	40.450614
19:00	48	0.037664	37.664011
19:15	48	0.0363598	36.359761
19:30	48	0.0348141	34.814057
19:45	48	0.0341811	34.181146
20:00	48	0.0316588	31.658784
20:15	48	0.0294193	29.419328
20:30	48	0.0298791	29.879135
20:45	48	0.0293894	29.389412
21:00	48	0.0267883	26.788283
21:15	48	0.0251819	25.18187
21:30	48	0.0268184	26.81838
21:45	48	0.0269604	26.960377
22:00	48	0.0277446	27.744577
22:15	48	0.0256915	25.691525
22:30	48	0.0302914	30.291418
22:45	48	0.0259652	25.965214
23:00	48	0.0259262	25.926235
23:15	48	0.0281848	28.184799
23:30	48	0.0241684	24.16844
23:45	48	0.0238494	23.849392



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	1	0	0	0	0.82
04	0.89	0	0	0	0.29

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)

6/29/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/29/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/29/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/29/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.01580	15.798669	0:00	63	0.034	33.538938	0:00	N/A	0.0002069	0.2068923	0:00	48	0.024106	24.105954	
0:15	56	0.02352	23.521213	0:15	63	0.033	33.282374	0:15	N/A	0	0	0:15	48	0.0231427	23.142675	
0:30	56	0.02186	21.864394	0:30	63	0.033	32.634359	0:30	N/A	0	0	0:30	48	0.023999	23.999024	
0:45	56	0.01435	14.34713	0:45	63	0.032	31.625944	0:45	N/A	0	0	0:45	48	0.0227875	22.787549	
1:00	56	0.01567	15.665761	1:00	63	0.031	31.361025	1:00	N/A	0	0	1:00	48	0.0217132	21.713189	
1:15	56	0.04358	43.581852	1:15	63	0.031	30.835097	1:15	N/A	0	0	1:15	48	0.0237655	23.765532	
1:30	56	0.24093	240.92525	1:30	63	0.030	30.4349	1:30	N/A	0	0	1:30	48	0.0218119	21.811193	* See Field Investigation Below
1:35	56	0.00082	0.8232541	1:45	63	0.030	29.978987	1:45	N/A	0	0	1:45	48	0.0234572	23.457239	
1:40	56	0.27554	275.53661	2:00	63	0.030	29.559924	2:00	N/A	0	0	2:00	48	0.0216212	21.621241	* See Field Investigation Below
1:45	56	0.02155	21.554866	2:15	63	0.029	29.023511	2:15	N/A	0	0	2:15	48	0.0223782	22.378234	
1:50	56	0.30977	309.77247	2:30	63	0.029	29.294073	2:30	N/A	0	0	2:30	48	0.0220729	22.072924	* See Field Investigation Below
1:55	56	0.33849	338.48991	2:45	63	0.030	29.553746	2:45	N/A	0	0	2:45	48	0.0227723	22.772273	* See Field Investigation Below
2:00	56	0.34547	345.47428	3:00	63	0.029	28.900793	3:00	N/A	0	0	3:00	48	0.0210145	21.014527	* See Field Investigation Below
2:05	56	0.30116	301.16171	3:15	63	0.029	29.159478	3:15	N/A	0	0	3:15	48	0.021686	21.686026	* See Field Investigation Below
2:10	56	0.00000	0	3:30	63	0.030	29.594502	3:30	N/A	0	0	3:30	48	0.0221785	22.178491	
2:15	56	0.00000	0	3:45	63	0.030	30.380885	3:45	N/A	0	0	3:45	48	0.0233167	23.316663	
2:20	56	0.04893	48.931348	4:00	63	0.032	31.606876	4:00	N/A	0	0	4:00	48	0.0238605	23.860512	
2:25	56	0.31820	318.19822	4:15	63	0.033	32.879825	4:15	N/A	0	0	4:15	48	0.0223121	22.312089	* See Field Investigation Below
2:30	56	0.04993	49.92537	4:30	63	0.033	33.215566	4:30	N/A	0	0	4:30	48	0.0210166	21.016571	
2:35	56	0.37350	373.49666	4:45	63	0.034	33.517321	4:45	N/A	0	0	4:45	48	0.0218514	21.851429	* See Field Investigation Below
2:40	56	0.02602	26.021884	5:00	63	0.033	33.182662	5:00	N/A	0	0	5:00	48	0.0225006	22.50058	
2:45	56	0.00000	0	5:15	63	0.033	33.487689	5:15	N/A	0	0	5:15	48	0.0224082	22.40819	
2:50	56	0.00000	0	5:30	63	0.034	33.536242	5:30	N/A	0	0	5:30	48	0.0630871	63.087138	
2:55	56	0.00000	0	5:45	63	0.033	33.255156	5:45	N/A	0	0	5:45	48	0.0289311	28.931141	
3:00	56	0.00121	1.2102231	6:00	63	0.033	33.273412	6:00	N/A	0	0	6:00	48	0.0201464	20.146413	
3:05	56	0.34855	348.5532	6:15	63	0.033	33.036298	6:15	N/A	0	0	6:15	48	0.0234643	23.464331	* See Field Investigation Below
3:10	56	0.00000	0	6:30	63	0.033	33.166043	6:30	N/A	0	0	6:30	48	0.0247368	24.736795	
3:15	56	0.00000	0	6:45	63	0.034	33.960777	6:45	N/A	0	0	6:45	48	0.0236016	23.601623	
3:20	56	0.00119	1.1927341	7:00	63	0.033	32.986765	7:00	N/A	0	0	7:00	48	0.0241529	24.152879	
3:25	56	0.39876	398.75764	7:15	63	0.034	33.542501	7:15	N/A	0	0	7:15	48	0.0243619	24.361904	* See Field Investigation Below
3:30	56	0.02986	29.861816	7:30	63	0.034	33.941988	7:30	N/A	0	0	7:30	48	0.0246813	24.681293	
3:35	56	0.00000	0	7:45	63	0.035	34.764395	7:45	N/A	0	0	7:45	48	0.0262991	26.299123	

3:40	56	0.00000	0	8:00	63	0.036	35.597486	8:00	N/A	0	0	8:00	48	0.0251743	25.174335	
3:45	56	0.28509	285.08725	8:15	63	0.035	35.438703	8:15	N/A	0	0	8:15	48	0.0254701	25.470133	* See Field Investigation Below
3:50	56	0.10368	103.67894	8:30	63	0.036	36.140365	8:30	N/A	0	0	8:30	48	0.0242736	24.273636	* See Field Investigation Below
3:55	56	0.25913	259.12766	8:45	63	0.034	34.406673	8:45	N/A	0.0008634	0.8634329	8:45	48	0.0226172	22.617232	* See Field Investigation Below
4:00	56	0.09425	94.245173	9:00	63	0.031	31.01611	9:00	N/A	0.0019247	1.9247332	9:00	48	0.020178	20.177995	
4:05	56	0.00000	0	9:15	63	0.036	36.338602	9:15	N/A	0.0006493	0.6492983	9:15	48	0.0228124	22.812364	
4:10	56	0.00092	0.9172581	9:30	63	0.037	36.552058	9:30	N/A	0.0005275	0.5274841	9:30	48	0.0245767	24.576719	
4:15	56	0.00255	2.5538445	9:45	63	0.037	36.616563	9:45	N/A	0.0006821	0.6820511	9:45	48	0.0240623	24.062257	
4:30	56	0.00000	0	10:00	63	0.038	38.091145	10:00	N/A	0.0009247	0.9246919	10:00	48	0.02402	24.020023	
4:45	56	0.00000	0	10:15	63	0.039	39.48757	10:15	N/A	0.0017027	1.7026697	10:15	48	0.0245534	24.553431	
5:00	56	0.00000	0	10:30	63	0.040	39.684481	10:30	N/A	0.0011971	1.1970838	10:30	48	0.0255845	25.584541	
5:15	56	0.00000	0	10:45	63	0.041	41.188116	10:45	N/A	0.0018181	1.8181196	10:45	48	0.026819	26.818976	
5:30	56	0.00000	0	11:00	63	0.039	39.479372	11:00	N/A	0.0036888	3.6887591	11:00	48	0.0270232	27.023211	
5:45	56	0.00000	0	11:15	63	0.040	39.93196	11:15	N/A	0.0029157	2.9156911	11:15	48	0.0295042	29.504238	
6:00	56	0.00000	0	11:30	63	0.042	42.003582	11:30	N/A	0.0018401	1.8400822	11:30	48	0.0348133	34.81332	
6:15	56	0.00000	0	11:45	63	0.044	44.106409	11:45	N/A	0.001849	1.8490261	11:45	48	0.0403497	40.34974	
6:30	56	0.00000	0	12:00	63	0.043	43.156562	12:00	N/A	0.0028958	2.8958282	12:00	48	0.0443434	44.343406	
6:45	56	0.00000	0	12:15	63	0.041	41.149536	12:15	N/A	0.0040485	4.048527	12:15	48	0.0398769	39.876895	
7:00	56	0.00000	0	12:30	63	0.041	40.564658	12:30	N/A	0.0049915	4.9915111	12:30	48	0.0368029	36.802907	
7:15	56	0.00000	0	12:45	63	0.042	42.125397	12:45	N/A	0.0058218	5.8218353	12:45	48	0.0425697	42.569707	
7:30	56	0.00000	0	13:00	63	0.040	40.08532	13:00	N/A	0.0066219	6.621857	13:00	48	0.0478629	47.862937	
7:45	56	0.00000	0	13:15	63	0.036	36.455115	13:15	N/A	0.0083104	8.3104085	13:05	48	0.0547955	54.795546	
8:00	56	0.00000	0	13:30	63	0.036	36.064665	13:30	N/A	0.0092854	9.2853824	13:10	48	0.0533565	53.356492	* See Field Investigation Below
8:15	56	0.00000	0	13:45	63	0.037	37.003243	13:45	N/A	0.0100844	10.084378	13:15	48	0.0489346	48.934645	* See Field Investigation Below
8:30	56	0.00000	0	14:00	63	0.036	36.259576	14:00	N/A	0.0110724	11.072354	13:20	48	0.053721	53.721022	* See Field Investigation Below
8:45	56	0.00000	0	14:15	63	0.036	35.645159	14:15	N/A	0.0124112	12.411214	13:25	48	0.0606493	60.649336	* See Field Investigation Below
9:00	56	0.00000	0	14:30	63	0.036	35.835997	14:30	N/A	0.013747	13.747043	13:30	48	0.0619877	61.987735	* See Field Investigation Below
9:15	56	0.00000	0	14:45	63	0.030	29.934927	14:45	N/A	0.0152482	15.248199	13:35	48	0.0635185	63.518513	* See Field Investigation Below
9:30	56	0.00000	0	15:00	63	0.029	29.150273	15:00	N/A	0.0167729	16.772942	13:40	48	0.0651245	65.124495	* See Field Investigation Below
9:45	56	0.00000	0	15:15	63	0.039	38.630606	15:15	N/A	0.0188683	18.868338	13:45	48	0.066421	66.421048	* See Field Investigation Below
10:00	56	0.00000	0	15:30	63	0.035	34.86491	15:30	N/A	0.0205525	20.552496	13:50	48	0.0676997	67.699657	* See Field Investigation Below
10:15	56	0.00000	0	15:45	63	0.040	40.168672	15:45	N/A	0.0222092	22.209227	13:55	48	0.0688713	68.871254	* See Field Investigation Below
10:30	56	0.00000	0	16:00	63	0.041	41.360308	16:00	N/A	0.0242882	24.288154	14:00	48	0.0698325	69.832529	* See Field Investigation Below
10:45	56	0.00000	0	16:15	63	0.041	41.16433	16:15	N/A	0.0260812	26.081159	14:05	48	0.0705633	70.563289	* See Field Investigation Below
11:00	56	0.00000	0	16:30	63	0.040	39.631471	16:30	N/A	0.0288784	28.878373	14:10	48	0.0713316	71.33161	* See Field Investigation Below
11:15	56	0.00000	0	16:45	63	0.040	39.647911	16:45	N/A	0.0325507	32.550742	14:15	48	0.0719243	71.924345	* See Field Investigation Below
11:30	56	0.00000	0	17:00	63	0.041	40.540244	17:00	N/A	0.0379709	37.970944	14:20	48	0.0722628	72.262806	* See Field Investigation Below
11:45	56	0.00000	0	17:15	63	0.041	41.238446	17:15	N/A	0.0437865	43.78649	14:25	48	0.0724969	72.496856	* See Field Investigation Below
12:00	56	0.00000	0	17:30	63	0.042	41.961055	17:30	N/A	0.0490413	49.041281	14:30	48	0.072756	72.755977	* See Field Investigation Below
12:15	56	0.00000	0	17:45	63	0.042	41.73926	17:45	N/A	0.0530043	53.004339	14:35	48	0.060093	60.092969	* See Field Investigation Below
12:30	56	0.00000	0	18:00	63	0.043	42.862399	18:00	N/A	0.0566755	56.675453	14:40	48	0.0591361	59.136143	* See Field Investigation Below
12:45	56	0.00000	0	18:15	63	0.042	41.774947	18:15	N/A	0.0571259	57.125945	14:45	48	0.0737893	73.789346	* See Field Investigation Below
13:00	56	0.00000	0	18:30	63	0.040	40.173665	18:30	N/A	0.0562589	56.258875	14:50	48	0.0610496	61.049629	* See Field Investigation Below
13:15	56	0.00000	0	18:45	63	0.039	39.071209	18:45	N/A	0.0557777	55.777721	14:55	48	0.0623795	62.379533	* See Field Investigation Below
13:30	56	0.00000	0	19:00	63	0.039	39.128429	19:00	N/A	0.0543023	54.302289	15:00	48	0.07671	76.709985	* See Field Investigation Below
13:45	56	0.00000	0	19:15	63	0.038	37.875812	19:15	N/A	0.0522876	52.28764	15:05	48	0.077467	77.466953	* See Field Investigation Below
14:00	56	0.00000	0	19:30	63	0.038	37.620865	19:30	N/A	0.0498746	49.87458	15:10	48	0.078136	78.136047	* See Field Investigation Below
14:15	56	0.00000	0	19:45	63	0.037	37.134763	19:45	N/A	0.0461739	46.17388	15:15	48	0.0786058	78.605816	* See Field Investigation Below
14:30	56	0.00000	0	20:00	63	0.037	37.341261	20:00	N/A	0.0430765	43.076478	15:20	48	0.0795389	79.538908	* See Field Investigation Below
14:45	56	0.00000	0	20:15	63	0.038	37.866495	20:15	N/A	0.0393655	39.365519	15:25	48	0.0625267	62.526688	* See Field Investigation Below
15:00	56	0.00000	0	20:30	63	0.039	38.669588	20:30	N/A	0.0336211	33.621149	15:30	48	0.0790507	79.050724	* See Field Investigation Below
15:15	56	0.00000	0	20:45	63	0.040	39.714605	20:45	N/A	0.0280704	28.070428	15:35	48	0.0811567	81.156674	* See Field Investigation Below
15:30	56	0.00000	0	21:00	63	0.041	40.637189	21:00	N/A	0.0244678	24.467815	15:40	48	0.0822773	82.27728	* See Field Investigation Below

15:45	56	0.00000	0	21:15	63	0.042	41.570043	21:15	N/A	0.0214035	21.403505	15:45	48	0.0832989	83.29893	* See Field Investigation Below
16:00	56	0.00000	0	21:30	63	0.043	42.916513	21:30	N/A	0.019356	19.356024	15:50	48	0.0843566	84.356616	* See Field Investigation Below
16:15	56	0.00000	0	21:45	63	0.044	43.645614	21:45	N/A	0.0176355	17.635509	15:55	48	0.0853592	85.359246	* See Field Investigation Below
16:30	56	0.00000	0	22:00	63	0.045	44.981887	22:00	N/A	0.0163333	16.333289	16:00	48	0.0863872	86.387205	* See Field Investigation Below
16:45	56	0.00000	0	22:15	63	0.046	45.796998	22:15	N/A	0.015021	15.020982	16:05	48	0.0872896	87.289582	* See Field Investigation Below
17:00	56	0.00000	0	22:30	63	0.047	47.483315	22:30	N/A	0.0140044	14.004445	16:10	48	0.0879539	87.953935	* See Field Investigation Below
17:15	56	0.00000	0	22:45	63	0.047	46.857729	22:45	N/A	0.0122992	12.299235	16:15	48	0.0884795	88.479522	* See Field Investigation Below
17:30	56	0.00000	0	23:00	63	0.051	51.040944	23:00	N/A	0.0116876	11.687598	16:20	48	0.0900946	90.094605	* See Field Investigation Below
17:45	56	0.00000	0	23:15	63	0.053	53.472575	23:15	N/A	0.0119023	11.902276	16:25	48	0.0902797	90.279667	* See Field Investigation Below
18:00	56	0.00000	0	23:30	63	0.053	52.574303	23:30	N/A	0.0112425	11.242478	16:30	48	0.0906178	90.617788	* See Field Investigation Below
18:15	56	0.00000	0	23:45	63	0.052	52.166362	23:45	N/A	0.0112337	11.233698	16:35	48	0.0909489	90.948913	* See Field Investigation Below
18:30	56	0.00000	0									16:40	48	0.0918089	91.808948	* See Field Investigation Below
18:45	56	0.00000	0									16:45	48	0.0919344	91.934396	* See Field Investigation Below
19:00	56	0.00000	0									16:50	48	0.0923518	92.351762	* See Field Investigation Below
19:15	56	0.00000	0									16:55	48	0.0927863	92.786289	* See Field Investigation Below
19:30	56	0.00000	0									17:00	48	0.092926	92.926039	* See Field Investigation Below
19:45	56	0.00000	0									17:05	48	0.0936263	93.626293	* See Field Investigation Below
20:00	56	0.00000	0									17:10	48	0.0939085	93.90852	* See Field Investigation Below
20:15	56	0.00000	0									17:15	48	0.094848	94.847963	* See Field Investigation Below
20:30	56	0.00000	0									17:20	48	0.0950358	95.035778	* See Field Investigation Below
20:45	56	0.00000	0									17:25	48	0.0952493	95.249281	* See Field Investigation Below
21:00	56	0.00000	0									17:30	48	0.095209	95.20897	* See Field Investigation Below
21:15	56	0.00000	0									17:35	48	0.0950198	95.019839	* See Field Investigation Below
21:30	56	0.00000	0									17:40	48	0.0947292	94.729236	* See Field Investigation Below
21:45	56	0.00000	0									17:45	48	0.0948898	94.889783	* See Field Investigation Below
22:00	56	0.00000	0									17:50	48	0.0950153	95.015269	* See Field Investigation Below
22:15	56	0.00000	0									17:55	48	0.0942618	94.261807	* See Field Investigation Below
22:30	56	0.00000	0									18:00	48	0.0930809	93.080875	* See Field Investigation Below
22:45	56	0.00000	0									18:05	48	0.091998	91.997979	* See Field Investigation Below
23:00	56	0.09978	99.776979									18:10	48	0.0908191	90.819115	* See Field Investigation Below
23:05	56	0.29987	299.86609									18:15	48	0.0885519	88.551922	* See Field Investigation Below
23:10	56	0.20059	200.58939									18:20	48	0.0879395	87.939454	* See Field Investigation Below
23:15	56	0.00000	0									18:25	48	0.0873922	87.392191	* See Field Investigation Below
23:20	56	0.00000	0									18:30	48	0.0864609	86.460859	* See Field Investigation Below
23:25	56	0.00000	0									18:35	48	0.0858376	85.837643	* See Field Investigation Below
23:30	56	0.04363	43.633383									18:40	48	0.0846931	84.693085	* See Field Investigation Below
23:45	56	0.05455	54.545835									18:45	48	0.0843486	84.348634	* See Field Investigation Below
												18:50	48	0.0842912	84.291248	* See Field Investigation Below
												18:55	48	0.0828224	82.822448	* See Field Investigation Below
												19:00	48	0.0827165	82.716491	* See Field Investigation Below
												19:05	48	0.0825479	82.547935	* See Field Investigation Below
												19:10	48	0.0818746	81.874555	* See Field Investigation Below
												19:15	48	0.0816603	81.660294	* See Field Investigation Below
												19:20	48	0.0815422	81.542181	* See Field Investigation Below
												19:25	48	0.0807052	80.705156	* See Field Investigation Below
												19:30	48	0.0800241	80.024138	* See Field Investigation Below
												19:35	48	0.0793533	79.353291	* See Field Investigation Below
												19:40	48	0.0784091	78.40909	* See Field Investigation Below
												19:45	48	0.0775812	77.581243	* See Field Investigation Below
												19:50	48	0.0766931	76.693102	* See Field Investigation Below
												19:55	48	0.0754884	75.488436	* See Field Investigation Below
												20:00	48	0.0740775	74.077519	* See Field Investigation Below
												20:05	48	0.0724462	72.446156	* 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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20:10	48	0.0706877	70.687693	* See Field Investigation Below
20:15	48	0.0690821	69.082052	* See Field Investigation Below
20:20	48	0.0671958	67.195807	* See Field Investigation Below
20:25	48	0.0658217	65.821668	* See Field Investigation Below
20:30	48	0.0634625	63.462476	* See Field Investigation Below
20:35	48	0.0601514	60.151359	* See Field Investigation Below
20:40	48	0.057017	57.017001	* See Field Investigation Below
20:45	48	0.0542702	54.270209	* See Field Investigation Below
20:50	48	0.0522493	52.249346	* See Field Investigation Below
20:55	48	0.0505128	50.512831	* See Field Investigation Below
21:00	48	0.0478956	47.895626	
21:05	48	0.0452503	45.250347	
21:10	48	0.0428524	42.852363	
21:15	48	0.0426331	42.633111	
21:30	48	0.0370509	37.05088	
21:45	48	0.0337206	33.720602	
22:00	48	0.0310415	31.041474	
22:15	48	0.0277588	27.758846	
22:30	48	0.0235312	23.531176	
22:45	48	0.0167274	16.72741	
23:00	48	0.0229513	22.951255	
23:15	48	0.0222782	22.278206	
23:30	48	0.0247255	24.725477	
23:45	48	0.0288451	28.845122	



Summa Canister Analytical Laboratory Results ppbv					
CAMS ID	Benzene	1,3-Butadiene	n-Hexane	Naphthalene	Toluene
01	0.83	0	0	0	0.54
04	0.22	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)																
6/30/2023 Time	Current Action Level ppbv	CAMS 1 VOC ppmv	CAMS 1 VOC ppbv	6/30/2023 Time	Current Action Level ppbv	CAMS 2 VOC ppmv	CAMS 2 VOC ppbv	6/30/2023 Time	Current Action Level ppbv	CAMS 3 VOC ppmv	CAMS 3 VOC ppbv	6/30/2023 Time	Current Action Level ppbv	CAMS 4 VOC ppmv	CAMS 4 VOC ppbv	Notes
0:00	56	0.00000	0	0:00	63	0.046	45.652251	0:00	N/A	0.0125417	12.541681	0:00	48	0.0122686	12.268554	
0:15	56	0.04457	44.572629	0:15	63	0.045	45.111393	0:15	N/A	0.0129708	12.970845	0:15	48	0.0142911	14.291092	
0:30	56	0.04718	47.1775	0:30	63	0.052	51.656275	0:30	N/A	0.0113011	11.301062	0:30	48	0.0219902	21.990151	
0:35	56	0.30680	306.80104	0:45	63	0.053	52.664406	0:45	N/A	0.0099843	9.9843252	0:45	48	0.0246342	24.634214	* See Field Investigation Below
0:40	56	0.00000	0	1:00	63	0.052	52.322121	1:00	N/A	0.008948	8.9479986	1:00	48	0.0242944	24.294409	
0:45	56	0.00000	0	1:15	63	0.052	52.323142	1:15	N/A	0.0077794	7.7794428	1:15	48	0.0222482	22.248244	
1:00	56	0.00000	0	1:30	63	0.051	51.340828	1:30	N/A	0.0070957	7.0957448	1:30	48	0.0238008	23.800818	
1:15	56	0.00000	0	1:45	63	0.050	49.804315	1:45	N/A	0.007869	7.8690236	1:45	48	0.0251241	25.12413	
1:30	56	0.00000	0	2:00	63	0.048	47.643537	2:00	N/A	0.0084893	8.4892534	2:00	48	0.0222824	22.282369	
1:45	56	0.00000	0	2:15	63	0.045	45.335097	2:15	N/A	0.0082384	8.2383644	2:15	48	0.0209485	20.948548	
2:00	56	0.00000	0	2:30	63	0.044	44.061699	2:30	N/A	0.0082703	8.270322	2:30	48	0.0211686	21.168589	
2:15	56	0.04603	46.032491	2:45	63	0.043	43.471903	2:45	N/A	0.0066472	6.6472159	2:45	48	0.0215967	21.596719	
2:30	56	0.41335	413.35039	3:00	63	0.043	43.338947	3:00	N/A	0.0045265	4.5265471	3:00	48	0.0210233	21.023334	* See Field Investigation Below
2:35	56	0.36046	360.46312	3:15	63	0.043	42.968298	3:15	N/A	0.0035579	3.5578802	3:15	48	0.0213113	21.311333	* See Field Investigation Below
2:40	56	0.00000	0	3:30	63	0.043	42.530932	3:30	N/A	0.0026225	2.6225066	3:30	48	0.0215564	21.55643	
2:45	56	0.00000	0	3:45	63	0.042	42.338613	3:45	N/A	0.0023409	2.3408691	3:45	48	0.0223431	22.343101	
2:50	56	0.00000	0	4:00	63	0.042	42.258294	4:00	N/A	0.0021738	2.1738292	4:00	48	0.0208947	20.894716	
2:55	56	0.00111	1.1086938	4:15	63	0.042	42.115666	4:15	N/A	0.0016419	1.6418671	4:15	48	0.0216653	21.665307	
3:00	56	0.37170	371.69844	4:30	63	0.042	42.228354	4:30	N/A	0.0016179	1.6178892	4:30	48	0.0211136	21.113595	* See Field Investigation Below
3:05	56	0.40186	401.85611	4:45	63	0.043	43.115497	4:45	N/A	0.0017165	1.7164778	4:45	48	0.0222833	22.28332	* See Field Investigation Below
3:10	56	0.02802	28.017616	5:00	63	0.044	43.860249	5:00	N/A	0.0021086	2.1086153	5:00	48	0.0222267	22.22674	
3:15	56	0.05415	54.14886	5:15	63	0.044	44.295408	5:15	N/A	0.0023443	2.344325	5:15	48	0.0211825	21.182533	
3:20	56	0.41310	413.10427	5:30	63	0.045	45.120638	5:30	N/A	0.0026663	2.6662535	5:30	48	0.022152	22.152001	* See Field Investigation Below
3:25	56	0.39626	396.25597	5:45	63	0.044	44.344799	5:45	N/A	0.0030375	3.037527	5:45	48	0.0222078	22.207786	* See Field Investigation Below
3:30	56	0.06196	61.956001	6:00	63	0.045	44.527153	6:00	N/A	0.0032861	3.2861033	6:00	48	0.0258914	25.891396	* See Field Investigation Below
3:35	56	0.40291	402.90588	6:15	63	0.045	44.982398	6:15	N/A	0.0037479	3.747907	6:15	48	0.0240142	24.014221	* See Field Investigation Below
3:40	56	0.00000	0	6:30	63	0.045	45.345485	6:30	N/A	0.0038962	3.8962267	6:30	48	0.0235409	23.540946	
3:45	56	0.00000	0	6:45	63	0.046	45.590813	6:45	N/A	0.0038366	3.836562	6:45	48	0.0227897	22.789703	
3:50	56	0.00000	0	7:00	63	0.046	46.070654	7:00	N/A	0.0041591	4.1591189	7:00	48	0.02479	24.790027	
3:55	56	0.00000	0	7:15	63	0.047	46.623188	7:15	N/A	0.0038444	3.8443599	7:15	48	0.0257353	25.73533	
4:00	56	0.00000	0	7:30	63	0.047	46.893633	7:30	N/A	0.0033395	3.3395294	7:30	48	0.0254205	25.420454	
4:15	56	0.05068	50.67914	7:45	63	0.048	48.46118	7:45	N/A	0.003652	3.6520252	7:45	48	0.0251889	25.188918	

4:30	56	0.06514	65.138753	8:00	63	0.050	49.54131	8:00	N/A	0.0040603	4.0602752	8:00	48	0.0256458	25.645777	* See Field Investigation Below
4:35	56	0.42358	423.57873	8:15	63	0.049	48.533116	8:15	N/A	0.0050851	5.0850836	8:15	48	0.0257651	25.765113	* See Field Investigation Below
4:40	56	0.00000	0	8:30	63	0.047	46.572547	8:30	N/A	0.0056499	5.6499403	8:30	48	0.0255688	25.568817	
4:45	56	0.00000	0	8:45	63	0.049	49.019279	8:45	N/A	0.0065602	6.5602167	8:45	48	0.0261373	26.137335	
5:00	56	0.00000	0	9:00	63	0.049	49.206161	9:00	N/A	0.0075725	7.5725361	9:00	48	0.0255686	25.56858	
5:15	56	0.00000	0	9:15	63	0.048	47.533852	9:15	N/A	0.0072072	7.2071889	9:15	48	0.0285303	28.530305	
5:30	56	0.00000	0	9:30	63	0.049	48.911835	9:30	N/A	0.0075869	7.5869154	9:30	48	0.0241051	24.105082	
5:45	56	0.00000	0	9:45	63	0.043	42.696275	9:45	N/A	0.0078134	7.8133979	9:45	48	0.0234787	23.478734	
6:00	56	0.00000	0	10:00	63	0.045	44.732539	10:00	N/A	0.0071965	7.1964643	10:00	48	0.0263442	26.344243	
6:15	56	0.00000	0	10:15	63	0.045	45.105056	10:15	N/A	0.0069274	6.9274494	10:15	48	0.0284863	28.486285	
6:30	56	0.00000	0	10:30	63	0.046	46.469712	10:30	N/A	0.0067397	6.7397441	10:30	48	0.0302118	30.21184	
6:45	56	0.00000	0	10:45	63	0.044	44.23018	10:45	N/A	0.006839	6.8390379	10:45	48	0.0328961	32.896081	
7:00	56	0.04309	43.09013	11:00	63	0.042	42.192622	11:00	N/A	0.0070401	7.0401151	11:00	48	0.0318678	31.867849	
7:15	56	0.14105	141.04757	11:15	63	0.045	44.932617	11:15	N/A	0.0073721	7.3721242	11:15	48	0.0325838	32.583843	* See Field Investigation Below
7:20	56	0.00000	0	11:30	63	0.046	46.157091	11:30	N/A	0.0081235	8.1235118	11:30	48	0.0362827	36.282736	
7:25	56	0.00000	0	11:45	63	0.042	41.805832	11:45	N/A	0.0089041	8.9041122	11:45	48	0.0398551	39.855066	
7:30	56	0.00000	0	12:00	63	0.039	38.565238	12:00	N/A	0.0093166	9.3166139	12:00	48	0.0406125	40.612474	
7:35	56	0.26364	263.63697	12:15	63	0.042	42.277295	12:15	N/A	0.0099466	9.9466372	12:15	48	0.0455011	45.501114	* See Field Investigation Below
7:40	56	0.23080	230.8038	12:30	63	0.044	44.036111	12:30	N/A	0.0110372	11.037228	12:30	48	0.0471623	47.162311	* See Field Investigation Below
7:45	56	0.00000	0	12:45	63	0.047	46.564617	12:45	N/A	0.0108958	10.895769	12:45	48	0.0465633	46.563337	
8:00	56	0.00000	0	13:00	63	0.037	37.374539	13:00	N/A	0.0098029	9.8028552	13:00	48	0.0436173	43.617295	
8:15	56	0.00000	0	13:15	63	0.039	38.518917	13:15	N/A	0.0097902	9.7901649	13:15	48	0.0441508	44.150815	
8:30	56	0.00000	0	13:30	63	0.044	43.799874	13:30	N/A	0.0112783	11.278264	13:30	48	0.0542235	54.223546	* See Field Investigation Below
8:45	56	0.00000	0	13:45	63	0.039	38.607491	13:45	N/A	0.0129435	12.943489	13:35	48	0.0508019	50.801921	* See Field Investigation Below
9:00	56	0.00000	0	14:00	63	0.037	37.251678	14:00	N/A	0.0146153	14.615309	13:40	48	0.055081	55.081025	* See Field Investigation Below
9:15	56	0.00000	0	14:15	63	0.038	37.748919	14:15	N/A	0.0161637	16.163654	13:45	48	0.0458369	45.836874	
9:30	56	0.00000	0	14:30	63	0.032	31.691281	14:30	N/A	0.0180806	18.080631	13:50	48	0.0462217	46.221652	
9:45	56	0.00000	0	14:45	63	0.048	48.010357	14:45	N/A	0.0199864	19.986406	13:55	48	0.0485837	48.583709	* See Field Investigation Below
10:00	56	0.00000	0	15:00	63	0.035	34.503264	15:00	N/A	0.021657	21.656979	14:00	48	0.0596287	59.628719	* See Field Investigation Below
10:15	56	0.00000	0	15:15	63	0.046	45.988743	15:15	N/A	0.022067	22.066989	14:05	48	0.0472084	47.208416	
10:30	56	0.00000	0	15:30	63	0.041	41.226004	15:30	N/A	0.0230961	23.096124	14:10	48	0.0497625	49.762509	* See Field Investigation Below
10:45	56	0.00000	0	15:45	63	0.041	41.29005	15:45	N/A	0.023706	23.705954	14:15	48	0.0584587	58.458709	* See Field Investigation Below
11:00	56	0.00000	0	16:00	63	0.050	49.53659	16:00	N/A	0.0237161	23.716079	14:20	48	0.047626	47.625985	
11:15	56	0.00000	0	16:15	63	0.049	49.291263	16:15	N/A	0.0248239	24.823879	14:25	48	0.0479433	47.94326	
11:30	56	0.00000	0	16:30	63	0.051	50.647866	16:30	N/A	0.0258135	25.813518	14:30	48	0.0540011	54.001063	* See Field Investigation Below
11:45	56	0.00000	0	16:45	63	0.050	50.257583	16:45	N/A	0.0264076	26.407597	14:35	48	0.0661865	66.186505	* See Field Investigation Below
12:00	56	0.00000	0	17:00	63	0.042	41.593411	17:00	N/A	0.0280081	28.00813	14:40	48	0.0666726	66.672624	* See Field Investigation Below
12:15	56	0.00000	0	17:15	63	0.031	31.117568	17:15	N/A	0.0299536	29.953604	14:45	48	0.0669967	66.996724	* See Field Investigation Below
12:30	56	0.00000	0	17:30	63	0.050	50.14041	17:30	N/A	0.0296812	29.681218	14:50	48	0.0643568	64.356782	* See Field Investigation Below
12:45	56	0.00000	0	17:45	63	0.050	49.791758	17:45	N/A	0.0286798	28.679763	14:55	48	0.045851	45.850952	
13:00	56	0.00000	0	18:00	63	0.034	34.02714	18:00	N/A	0.0287216	28.721584	15:00	48	0.0483122	48.312203	* See Field Investigation Below
13:15	56	0.00000	0	18:15	63	0.041	40.89337	18:15	N/A	0.0299821	29.982093	15:05	48	0.0677439	67.74391	* See Field Investigation Below
13:30	56	0.00000	0	18:30	63	0.032	31.603882	18:30	N/A	0.0311572	31.157206	15:10	48	0.0678614	67.861441	* See Field Investigation Below
13:45	56	0.00000	0	18:45	63	0.050	49.920321	18:45	N/A	0.032986	32.985953	15:15	48	0.0682361	68.236084	* See Field Investigation Below
14:00	56	0.00000	0	19:00	63	0.052	52.056696	19:00	N/A	0.0339673	33.9673	15:20	48	0.060761	60.761034	* See Field Investigation Below
14:15	56	0.00000	0	19:15	63	0.033	32.67911	19:15	N/A	0.0332663	33.266264	15:25	48	0.0531101	53.110076	* See Field Investigation Below
14:30	56	0.00000	0	19:30	63	0.040	40.007305	19:30	N/A	0.0321007	32.100698	15:30	48	0.0609234	60.923358	* See Field Investigation Below
14:45	56	0.00000	0	19:45	63	0.032	32.197702	19:45	N/A	0.0304847	30.48469	15:35	48	0.0487355	48.73552	* See Field Investigation Below
15:00	56	0.00000	0	20:00	63	0.040	40.253035	20:00	N/A	0.0295176	29.517593	15:40	48	0.0695888	69.588805	* See Field Investigation Below
15:15	56	0.00000	0	20:15	63	0.050	50.236943	20:15	N/A	0.0298339	29.833864	15:45	48	0.068925	68.924989	* See Field Investigation Below
15:30	56	0.00000	0	20:30	63	0.052	51.699871	20:30	N/A	0.0288349	28.834947	15:50	48	0.0684604	68.460424	* See Field Investigation Below
15:45	56	0.00000	0	20:45	63	0.053	52.837994	20:45	N/A	0.0258009	25.800863	15:55	48	0.0683746	68.374565	* See Field Investigation Below
16:00	56	0.00000	0	21:00	63	0.054	53.618568	21:00	N/A	0.0228663	22.866319	16:00	48	0.0684623	68.462345	* See Field Investigation Below

16:15	56	0.00000	0	21:15	63	0.055	54.834512	21:15	N/A	0.0221429	22.142871	16:05	48	0.0685852	68.585226	* See Field Investigation Below
16:30	56	0.00000	0	21:30	63	0.056	55.501021	21:30	N/A	0.0226057	22.60567	16:10	48	0.06866	68.659972	* See Field Investigation Below
16:45	56	0.00000	0	21:45	63	0.056	55.81749	21:45	N/A	0.0222035	22.203498	16:15	48	0.0689657	68.965661	* See Field Investigation Below
17:00	56	0.00000	0	22:00	63	0.057	56.596558	22:00	N/A	0.0204603	20.460284	16:20	48	0.0693724	69.372368	* See Field Investigation Below
17:15	56	0.00001	0.0074668	22:15	63	0.051	51.302618	22:15	N/A	0.0193793	19.379299	16:25	48	0.0696552	69.655248	* See Field Investigation Below
17:30	56	0.00790	7.9017911	22:30	63	0.055	54.760209	22:30	N/A	0.0186613	18.661306	16:30	48	0.0701647	70.164707	* See Field Investigation Below
17:45	56	0.01064	10.644313	22:45	63	0.056	56.304887	22:45	N/A	0.0175458	17.54578	16:35	48	0.0706424	70.642373	* See Field Investigation Below
18:00	56	0.00445	4.4525547	23:00	63	0.052	52.379827	23:00	N/A	0.0167959	16.795851	16:40	48	0.0710595	71.05952	* See Field Investigation Below
18:15	56	0.00738	7.3769476	23:15	63	0.055	54.754419	23:15	N/A	0.0167049	16.704928	16:45	48	0.0677982	67.798162	* See Field Investigation Below
18:30	56	0.00406	4.0594671	23:30	63	0.056	56.43935	23:30	N/A	0.0169648	16.964755	16:50	48	0.0452163	45.216344	
18:45	56	0.01148	11.484042	23:45	63	0.056	56.30135	23:45	N/A	0.0160285	16.028459	16:55	48	0.0699889	69.988867	* See Field Investigation Below
19:00	56	0.01169	11.691173									17:00	48	0.0725626	72.562562	* See Field Investigation Below
19:15	56	0.00454	4.5364718									17:05	48	0.0732558	73.255813	* See Field Investigation Below
19:30	56	0.00805	8.0498101									17:10	48	0.0458889	45.888857	
19:45	56	0.00501	5.0059679									17:15	48	0.0479855	47.985501	
20:00	56	0.00911	9.1143272									17:20	48	0.0740812	74.081234	* See Field Investigation Below
20:15	56	0.01395	13.949288									17:25	48	0.0741358	74.135775	* See Field Investigation Below
20:30	56	0.01531	15.308206									17:30	48	0.074371	74.370992	* See Field Investigation Below
20:45	56	0.01747	17.471025									17:35	48	0.0747844	74.784389	* See Field Investigation Below
21:00	56	0.01788	17.880185									17:40	48	0.0753045	75.304466	* See Field Investigation Below
21:15	56	0.01843	18.42734									17:45	48	0.0724023	72.402279	* See Field Investigation Below
21:30	56	0.01982	19.818075									17:50	48	0.0488831	48.883127	* See Field Investigation Below
21:45	56	0.02111	21.11299									17:55	48	0.0477142	47.714173	
22:00	56	0.02309	23.091701									18:00	48	0.0762688	76.268801	* See Field Investigation Below
22:15	56	0.02082	20.824297									18:05	48	0.0789834	78.98337	* See Field Investigation Below
22:30	56	0.02748	27.475071									18:10	48	0.079803	79.803018	* See Field Investigation Below
22:45	56	0.02776	27.76073									18:15	48	0.0582525	58.252529	* See Field Investigation Below
23:00	56	0.02341	23.406769									18:20	48	0.0783595	78.359477	* See Field Investigation Below
23:15	56	0.02672	26.723809									18:25	48	0.0513092	51.309185	* See Field Investigation Below
23:30	56	0.02949	29.493089									18:30	48	0.0486484	48.648376	* See Field Investigation Below
23:45	56	0.03114	31.136241									18:35	48	0.0779728	77.972833	* See Field Investigation Below
												18:40	48	0.0802456	80.24562	* See Field Investigation Below
												18:45	48	0.0798385	79.838497	* See Field Investigation Below
												18:50	48	0.0792697	79.269725	* See Field Investigation Below
												18:55	48	0.0785601	78.560111	* See Field Investigation Below
												19:00	48	0.0773872	77.387722	* See Field Investigation Below
												19:05	48	0.0763849	76.384948	* See Field Investigation Below
												19:10	48	0.050898	50.897973	* See Field Investigation Below
												19:15	48	0.0414906	41.49063	
												19:20	48	0.070624	70.623972	* See Field Investigation Below
												19:25	48	0.0419662	41.966213	
												19:30	48	0.0691635	69.163512	* See Field Investigation Below
												19:35	48	0.0416135	41.6135	
												19:40	48	0.0394644	39.464416	
												19:45	48	0.0669199	66.919876	* See Field Investigation Below
												19:50	48	0.0454943	45.494261	
												19:55	48	0.0681048	68.104766	* See Field Investigation Below
												20:00	48	0.0681535	68.153451	* See Field Investigation Below
												20:05	48	0.0680601	68.060064	* See Field Investigation Below
												20:10	48	0.0681962	68.196169	* See Field Investigation Below
												20:15	48	0.0679184	67.918386	* See Field Investigation Below
												20:20	48	0.0671848	67.184751	* See Field Investigation Below
												20:25	48	0.066333	66.332993	* 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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20:30	48	0.0652873	65.287265	* See Field Investigation Below
20:35	48	0.0637852	63.785209	* See Field Investigation Below
20:40	48	0.0615368	61.536822	* See Field Investigation Below
20:45	48	0.0592851	59.285062	* See Field Investigation Below
20:50	48	0.0570004	57.000376	* See Field Investigation Below
20:55	48	0.0549847	54.984723	* See Field Investigation Below
21:00	48	0.0524331	52.433083	* See Field Investigation Below
21:05	48	0.0499126	49.912627	* See Field Investigation Below
21:10	48	0.0477775	47.77746	
21:15	48	0.0472978	47.297836	
21:30	48	0.0414453	41.44531	
21:45	48	0.0370856	37.08564	
22:00	48	0.0326346	32.634602	
22:15	48	0.0281413	28.141349	
22:30	48	0.0302571	30.25706	
22:45	48	0.0286411	28.6411	
23:00	48	0.0253923	25.392302	
23:15	48	0.0220404	22.040395	
23:30	48	0.0241584	24.158443	
23:45	48	0.0233936	23.393593	



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
1	6/7/2023	0.07	µg/m3	Naphthalene	
1	6/7/2023	0.13	µg/m3	1,3-Butadiene	
1	6/7/2023	0.48	µg/m3	Benzene	
1	6/7/2023	0.67	µg/m3	Toluene	
1	6/7/2023	0.28	µg/m3	n-Hexane	
1BLK	6/7/2023	0.07	µg/m3	Naphthalene	
1BLK	6/7/2023	0.13	µg/m3	1,3-Butadiene	
1BLK	6/7/2023	0.19	µg/m3	Benzene	
1BLK	6/7/2023	0.24	µg/m3	Toluene	
1BLK	6/7/2023	0.22	µg/m3	n-Hexane	
2	6/7/2023	0.07	µg/m3	Naphthalene	
2	6/7/2023	0.13	µg/m3	1,3-Butadiene	
2	6/7/2023	0.55	µg/m3	Benzene	
2	6/7/2023	0.59	µg/m3	Toluene	
2	6/7/2023	0.24	µg/m3	n-Hexane	
3	6/7/2023	0.07	µg/m3	Naphthalene	
3	6/7/2023	0.13	µg/m3	1,3-Butadiene	
3	6/7/2023	0.36	µg/m3	Benzene	
3	6/7/2023	0.58	µg/m3	Toluene	
3	6/7/2023	0.22	µg/m3	n-Hexane	
4	6/7/2023	0.07	µg/m3	Naphthalene	
4	6/7/2023	0.13	µg/m3	1,3-Butadiene	
4	6/7/2023	0.43	µg/m3	Benzene	
4	6/7/2023	0.64	µg/m3	Toluene	
4	6/7/2023	0.25	µg/m3	n-Hexane	
5	6/7/2023	0.07	µg/m3	Naphthalene	
5	6/7/2023	0.13	µg/m3	1,3-Butadiene	
5	6/7/2023	0.62	µg/m3	Benzene	
5	6/7/2023	0.62	µg/m3	Toluene	
5	6/7/2023	0.24	µg/m3	n-Hexane	
6	6/7/2023	0.07	µg/m3	Naphthalene	
6	6/7/2023	0.13	µg/m3	1,3-Butadiene	
6	6/7/2023	0.52	µg/m3	Benzene	
6	6/7/2023	0.55	µg/m3	Toluene	
6	6/7/2023	0.26	µg/m3	n-Hexane	
7	6/7/2023	0.07	µg/m3	Naphthalene	
7	6/7/2023	0.13	µg/m3	1,3-Butadiene	
7	6/7/2023	0.40	µg/m3	Benzene	
7	6/7/2023	0.50	µg/m3	Toluene	
7	6/7/2023	0.22	µg/m3	n-Hexane	
8	6/7/2023	0.07	µg/m3	Naphthalene	
8	6/7/2023	0.13	µg/m3	1,3-Butadiene	
8	6/7/2023	0.57	µg/m3	Benzene	
8	6/7/2023	0.91	µg/m3	Toluene	
8	6/7/2023	0.31	µg/m3	n-Hexane	
9	6/7/2023	0.28	µg/m3	Naphthalene	
9	6/7/2023	0.13	µg/m3	1,3-Butadiene	
9	6/7/2023	0.44	µg/m3	Benzene	
9	6/7/2023	0.58	µg/m3	Toluene	
9	6/7/2023	0.25	µg/m3	n-Hexane	
10	6/7/2023	0.07	µg/m3	Naphthalene	
10	6/7/2023	0.13	µg/m3	1,3-Butadiene	
10	6/7/2023	0.52	µg/m3	Benzene	
10	6/7/2023	0.67	µg/m3	Toluene	
10	6/7/2023	0.27	µg/m3	n-Hexane	
11	6/7/2023	0.08	µg/m3	Naphthalene	
11	6/7/2023	0.13	µg/m3	1,3-Butadiene	
11	6/7/2023	0.45	µg/m3	Benzene	
11	6/7/2023	0.62	µg/m3	Toluene	
11	6/7/2023	0.22	µg/m3	n-Hexane	
11DUP	6/7/2023	0.07	µg/m3	Naphthalene	
11DUP	6/7/2023	0.13	µg/m3	1,3-Butadiene	
11DUP	6/7/2023	0.44	µg/m3	Benzene	



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
11DUP	6/7/2023	0.57	µg/m3	Toluene	
11DUP	6/7/2023	0.22	µg/m3	n-Hexane	
12	6/7/2023	0.07	µg/m3	Naphthalene	
12	6/7/2023	0.13	µg/m3	1,3-Butadiene	
12	6/7/2023	0.46	µg/m3	Benzene	
12	6/7/2023	0.67	µg/m3	Toluene	
12	6/7/2023	0.22	µg/m3	n-Hexane	
12BLK	6/7/2023	0.07	µg/m3	Naphthalene	
12BLK	6/7/2023	0.13	µg/m3	1,3-Butadiene	
12BLK	6/7/2023	0.25	µg/m3	Benzene	
12BLK	6/7/2023	0.24	µg/m3	Toluene	
12BLK	6/7/2023	0.22	µg/m3	n-Hexane	
13	6/7/2023	0.07	µg/m3	Naphthalene	
13	6/7/2023	0.13	µg/m3	1,3-Butadiene	
13	6/7/2023	0.40	µg/m3	Benzene	
13	6/7/2023	0.43	µg/m3	Toluene	
13	6/7/2023	0.22	µg/m3	n-Hexane	
14	6/7/2023	0.11	µg/m3	Naphthalene	
14	6/7/2023	0.13	µg/m3	1,3-Butadiene	
14	6/7/2023	0.76	µg/m3	Benzene	
14	6/7/2023	1.3	µg/m3	Toluene	
14	6/7/2023	0.23	µg/m3	n-Hexane	
14DUP	6/7/2023	0.11	µg/m3	Naphthalene	
14DUP	6/7/2023	0.13	µg/m3	1,3-Butadiene	
14DUP	6/7/2023	0.83	µg/m3	Benzene	
14DUP	6/7/2023	1.4	µg/m3	Toluene	
14DUP	6/7/2023	0.23	µg/m3	n-Hexane	
15	6/7/2023	0.07	µg/m3	Naphthalene	
15	6/7/2023	0.13	µg/m3	1,3-Butadiene	
15	6/7/2023	0.47	µg/m3	Benzene	
15	6/7/2023	0.64	µg/m3	Toluene	
15	6/7/2023	0.22	µg/m3	n-Hexane	
16	6/7/2023	0.07	µg/m3	Naphthalene	
16	6/7/2023	N/A	µg/m3	1,3-Butadiene	Sample Missing
16	6/7/2023	N/A	µg/m3	Benzene	Sample Missing
16	6/7/2023	N/A	µg/m3	Toluene	Sample Missing
16	6/7/2023	N/A	µg/m3	n-Hexane	Sample Missing
17	6/7/2023	0.07	µg/m3	Naphthalene	
17	6/7/2023	0.13	µg/m3	1,3-Butadiene	
17	6/7/2023	0.43	µg/m3	Benzene	
17	6/7/2023	0.68	µg/m3	Toluene	
17	6/7/2023	0.22	µg/m3	n-Hexane	
18	6/7/2023	0.09	µg/m3	Naphthalene	
18	6/7/2023	0.13	µg/m3	1,3-Butadiene	
18	6/7/2023	0.47	µg/m3	Benzene	
18	6/7/2023	0.76	µg/m3	Toluene	
18	6/7/2023	0.25	µg/m3	n-Hexane	
19	6/7/2023	0.07	µg/m3	Naphthalene	
19	6/7/2023	0.13	µg/m3	1,3-Butadiene	
19	6/7/2023	0.65	µg/m3	Benzene	
19	6/7/2023	0.79	µg/m3	Toluene	
19	6/7/2023	0.26	µg/m3	n-Hexane	
20	6/7/2023	0.07	µg/m3	Naphthalene	
20	6/7/2023	0.13	µg/m3	1,3-Butadiene	
20	6/7/2023	0.64	µg/m3	Benzene	
20	6/7/2023	0.82	µg/m3	Toluene	
20	6/7/2023	0.31	µg/m3	n-Hexane	
	High Benzene Reading µg/m3:	0.83			
	Low Benzene Reading µg/m3:	0.36			
	Benzene Action Level µg/m3:	9.0			
	Action Threshold Exceeded (Y/N):	N			



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
1	6/21/2023	0.08	µg/m3	Naphthalene	
1	6/21/2023	0.13	µg/m3	1,3-Butadiene	
1	6/21/2023	0.49	µg/m3	Benzene	
1	6/21/2023	0.54	µg/m3	Toluene	
1	6/21/2023	0.30	µg/m3	n-Hexane	
1BLK	6/21/2023	0.07	µg/m3	Naphthalene	
1BLK	6/21/2023	0.13	µg/m3	1,3-Butadiene	
1BLK	6/21/2023	0.19	µg/m3	Benzene	
1BLK	6/21/2023	0.24	µg/m3	Toluene	
1BLK	6/21/2023	0.22	µg/m3	n-Hexane	
2	6/21/2023	0.07	µg/m3	Naphthalene	
2	6/21/2023	0.13	µg/m3	1,3-Butadiene	
2	6/21/2023	0.46	µg/m3	Benzene	
2	6/21/2023	0.58	µg/m3	Toluene	
2	6/21/2023	0.27	µg/m3	n-Hexane	
3	6/21/2023	0.07	µg/m3	Naphthalene	
3	6/21/2023	0.13	µg/m3	1,3-Butadiene	
3	6/21/2023	0.52	µg/m3	Benzene	
3	6/21/2023	0.48	µg/m3	Toluene	
3	6/21/2023	0.32	µg/m3	n-Hexane	
4	6/21/2023	0.07	µg/m3	Naphthalene	
4	6/21/2023	0.13	µg/m3	1,3-Butadiene	
4	6/21/2023	0.51	µg/m3	Benzene	
4	6/21/2023	0.52	µg/m3	Toluene	
4	6/21/2023	0.25	µg/m3	n-Hexane	
5	6/21/2023	0.07	µg/m3	Naphthalene	
5	6/21/2023	0.13	µg/m3	1,3-Butadiene	
5	6/21/2023	0.48	µg/m3	Benzene	
5	6/21/2023	0.49	µg/m3	Toluene	
5	6/21/2023	0.25	µg/m3	n-Hexane	
6	6/21/2023	0.07	µg/m3	Naphthalene	
6	6/21/2023	0.13	µg/m3	1,3-Butadiene	
6	6/21/2023	0.49	µg/m3	Benzene	
6	6/21/2023	0.49	µg/m3	Toluene	
6	6/21/2023	0.27	µg/m3	n-Hexane	
7	6/21/2023	0.07	µg/m3	Naphthalene	
7	6/21/2023	0.13	µg/m3	1,3-Butadiene	
7	6/21/2023	0.50	µg/m3	Benzene	
7	6/21/2023	0.50	µg/m3	Toluene	
7	6/21/2023	0.25	µg/m3	n-Hexane	
8	6/21/2023	0.07	µg/m3	Naphthalene	
8	6/21/2023	0.13	µg/m3	1,3-Butadiene	
8	6/21/2023	0.57	µg/m3	Benzene	
8	6/21/2023	0.63	µg/m3	Toluene	
8	6/21/2023	0.29	µg/m3	n-Hexane	
9	6/21/2023	0.18	µg/m3	Naphthalene	
9	6/21/2023	0.13	µg/m3	1,3-Butadiene	
9	6/21/2023	0.46	µg/m3	Benzene	
9	6/21/2023	0.41	µg/m3	Toluene	
9	6/21/2023	0.22	µg/m3	n-Hexane	
10	6/21/2023	0.07	µg/m3	Naphthalene	
10	6/21/2023	0.13	µg/m3	1,3-Butadiene	
10	6/21/2023	0.50	µg/m3	Benzene	
10	6/21/2023	0.57	µg/m3	Toluene	
10	6/21/2023	0.28	µg/m3	n-Hexane	
11	6/21/2023	0.07	µg/m3	Naphthalene	
11	6/21/2023	0.13	µg/m3	1,3-Butadiene	
11	6/21/2023	0.46	µg/m3	Benzene	
11	6/21/2023	0.42	µg/m3	Toluene	
11	6/21/2023	0.22	µg/m3	n-Hexane	
11DUP	6/21/2023	0.10	µg/m3	Naphthalene	
11DUP	6/21/2023	0.13	µg/m3	1,3-Butadiene	
11DUP	6/21/2023	0.44	µg/m3	Benzene	



PAMS Concentration Data (Bi-weekly)

PAMS ID	DATE	RESULTS	UNITS	COMPOUND NAME	NOTES
11DUP	6/21/2023	0.42	µg/m3	Toluene	
11DUP	6/21/2023	0.22	µg/m3	n-Hexane	
12	6/21/2023	0.07	µg/m3	Naphthalene	
12	6/21/2023	0.13	µg/m3	1,3-Butadiene	
12	6/21/2023	0.67	µg/m3	Benzene	
12	6/21/2023	0.45	µg/m3	Toluene	
12	6/21/2023	0.22	µg/m3	n-Hexane	
12BLK	6/21/2023	0.07	µg/m3	Naphthalene	
12BLK	6/21/2023	0.13	µg/m3	1,3-Butadiene	
12BLK	6/21/2023	0.34	µg/m3	Benzene	
12BLK	6/21/2023	0.24	µg/m3	Toluene	
12BLK	6/21/2023	0.22	µg/m3	n-Hexane	
13	6/21/2023	0.07	µg/m3	Naphthalene	
13	6/21/2023	0.13	µg/m3	1,3-Butadiene	
13	6/21/2023	0.55	µg/m3	Benzene	
13	6/21/2023	0.35	µg/m3	Toluene	
13	6/21/2023	0.22	µg/m3	n-Hexane	
14	6/21/2023	0.08	µg/m3	Naphthalene	
14	6/21/2023	0.13	µg/m3	1,3-Butadiene	
14	6/21/2023	0.68	µg/m3	Benzene	
14	6/21/2023	0.67	µg/m3	Toluene	
14	6/21/2023	0.24	µg/m3	n-Hexane	
14DUP	6/21/2023	0.09	µg/m3	Naphthalene	
14DUP	6/21/2023	0.13	µg/m3	1,3-Butadiene	
14DUP	6/21/2023	0.84	µg/m3	Benzene	
14DUP	6/21/2023	0.69	µg/m3	Toluene	
14DUP	6/21/2023	0.28	µg/m3	n-Hexane	
15	6/21/2023	0.07	µg/m3	Naphthalene	
15	6/21/2023	0.13	µg/m3	1,3-Butadiene	
15	6/21/2023	0.50	µg/m3	Benzene	
15	6/21/2023	0.54	µg/m3	Toluene	
15	6/21/2023	0.22	µg/m3	n-Hexane	
16	6/21/2023	0.07	µg/m3	Naphthalene	
16	6/21/2023	0.13	µg/m3	1,3-Butadiene	
16	6/21/2023	0.73	µg/m3	Benzene	
16	6/21/2023	0.66	µg/m3	Toluene	
16	6/21/2023	0.25	µg/m3	n-Hexane	
17	6/21/2023	0.07	µg/m3	Naphthalene	
17	6/21/2023	0.13	µg/m3	1,3-Butadiene	
17	6/21/2023	0.50	µg/m3	Benzene	
17	6/21/2023	0.60	µg/m3	Toluene	
17	6/21/2023	0.24	µg/m3	n-Hexane	
18	6/21/2023	0.07	µg/m3	Naphthalene	
18	6/21/2023	0.13	µg/m3	1,3-Butadiene	
18	6/21/2023	0.76	µg/m3	Benzene	
18	6/21/2023	0.72	µg/m3	Toluene	
18	6/21/2023	0.29	µg/m3	n-Hexane	
19	6/21/2023	0.07	µg/m3	Naphthalene	
19	6/21/2023	0.13	µg/m3	1,3-Butadiene	
19	6/21/2023	0.74	µg/m3	Benzene	
19	6/21/2023	0.69	µg/m3	Toluene	
19	6/21/2023	0.30	µg/m3	n-Hexane	
20	6/21/2023	0.07	µg/m3	Naphthalene	
20	6/21/2023	0.13	µg/m3	1,3-Butadiene	
20	6/21/2023	0.62	µg/m3	Benzene	
20	6/21/2023	0.67	µg/m3	Toluene	
20	6/21/2023	0.28	µg/m3	n-Hexane	

High Benzene Reading µg/m3:	0.84
Low Benzene Reading µg/m3:	0.44
Benzene Action Level µg/m3:	9.0
Action Threshold Exceeded (Y/N):	N