



July 29, 2022

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Subject: Air Sampling and Monitoring Report, Revision 0
11184 Bristol Air Site, Bristol, Virginia
EPA Contract No. 68-HE-0320-D0003
Technical Direction (TD) No. T601-21-05-004
Document Tracking No. 0454

Dear Mr. Bartos:

Tetra Tech, Inc. (Tetra Tech) is submitting the enclosed Air Sampling and Monitoring Report, Revision 0 for the 11184 Bristol Air Site, Bristol, Virginia for your review and approval. This report presents a summary of air sampling and air monitoring activities conducted from January 24 to February 8 and April 11 to 20, 2022.

If you have any questions regarding this report, please contact me by office phone at ([REDACTED])
phone at [REDACTED]

Sincerely,

[REDACTED]

Project Manager

Enclosure (1)

cc: TD file [REDACTED], Program Manager, Tetra Tech

AIR SAMPLING AND MONITORING REPORT

REVISION 0

11184 BRISTOL AIR SITE BRISTOL, VIRGINIA

EPA Contract No. 68-HE-0320-D0003
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Prepared for:



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July 2022

AIR SAMPLING AND MONITORING REPORT

REVISION 0

11184 BRISTOL AIR SITE
BRISTOL, VIRGINIA



Tetra Tech START – TD Project Manager –

7/18/2022

Date



Tetra Tech START – Quality Assurance Officer –

7/22/2022

Date

Myles P Bartos Jr

EPA – On-Scene Coordinator – Myles Bartos

9/6/2022

Date

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1.0 INTRODUCTION

Under the Superfund Technical Assessment and Response Team (START) Contract No. 68-HE-0320-D0003, Technical Direction (TD) No. T601-21-05-004, U.S. Environmental Protection Agency (EPA) Region 3 tasked Tetra Tech, Inc. (Tetra Tech) to provide technical assistance to prepare an air monitoring plan (AMP), conduct air monitoring, and calibrate instruments as necessary at the 11184 Bristol Air Site (the Site) in Bristol, Virginia and Bristol, Tennessee (Appendix A, Figure 1). The purpose of air monitoring efforts was to: (1) investigate areas where odor complaints had been received to determine if hazardous substances were present and associated with the odors; (2) determine levels or concentrations of hazardous substances, if present; and (3) provide data for evaluating and determining locations to collect air samples. The first round of air monitoring and sampling was conducted at the Site from June 9 to July 22, 2021, and a second round of air monitoring and sampling was conducted at the Site from October 19 to 28, 2021.

EPA subsequently tasked Tetra Tech to conduct additional air sampling at the Site. This report summarizes air sampling and monitoring activities conducted at the Site from January 24 to February 8, 2022, and April 11 to 20, 2022. Specifically, this report summarizes Site background information in Section 2.0; outlines Site activities and air monitoring results in Section 3.0; and presents analytical results in Section 4.0. References cited in the text are listed in Section 5.0 and figures for this report are provided in Appendix A. Air sampling locations and EPA air sampling summaries are presented in Appendices B and C. Chain of custody documentation is presented in Appendices D and E. Summaries of analytical results for EPA air samples are presented in Appendices F and G. Analytical results for Virginia Department of Environmental Quality (VADEQ) air samples are presented in Appendix H. VADEQ sample information and analytical result data sheets are presented in Attachments 1 and 2. EPA Laboratory Final Analytical Reports are provided in Attachments 3 and 4. Weather graphs and weather station data are provided in Attachments 5 and 6.

2.0 SITE BACKGROUND

2.1 SITE LOCATION AND DESCRIPTION

The Site consists of a broad area in the eastern portion of the cities of Bristol, Virginia and Bristol, Tennessee where odor complaints have been received from residents (Appendix A, Figure 1).

2.2 SITE HISTORY

VADEQ requested assistance from EPA to conduct air monitoring to investigate areas within Bristol, Virginia and Bristol, Tennessee following citizen odor complaints. In addition to VADEQ, EPA Region 3 coordinated with other stakeholders including EPA Region 4, the State of Tennessee, both cities of Bristol, and the Agency for Toxic Substances and Disease Registry (ATSDR). All parties provided input and perspectives for the Site.

EPA conducted the first round of 24-hour per day air monitoring at six stationary monitoring locations in eastern Bristol, Virginia and Bristol, Tennessee from June 9 to July 22, 2021. VADEQ collected a total of 15 air samples at the stationary air monitoring locations between June 14 and July 7, 2021. The air samples were collected in SUMMA canisters using flow controllers calibrated to collect samples over approximately 8- or 24-hour periods. The air monitoring and air sampling were conducted in areas for which frequent odor complaints had been received. A description of air monitoring sampling activities and results were reported in the “Final Air Monitoring Report for the 11184 Bristol Air Site” (Tetra Tech 2021b).

EPA conducted a second round of 24-hour per day air monitoring at three new stationary monitoring locations in eastern Bristol, Virginia and Bristol, Tennessee from October 19 to 28, 2021. VADEQ collected five air samples at new stationary air monitoring locations (Locations #8 and 9) between October 20 to 28, 2021. VADEQ also collected two air samples between September 30 and October 2, 2021, prior to commencement of air monitoring activities. The air samples were collected in SUMMA canisters using flow controllers calibrated to collect samples over approximately 8- or 24-hour periods. The air monitoring and air sampling were conducted in areas for which frequent odor complaints had been received. A description of air monitoring sampling activities and results were reported in the “Air Monitoring Report for October 19 to 28, 2021” (Tetra Tech 2021c).

3.0 SITE ACTIVITIES

After tasked by EPA, Tetra Tech prepared a draft field sampling plan (FSP) to collect air samples for volatile organic compounds (VOC) analysis. The Final Field Sampling Plan – Revision 0 (Tetra Tech 2022a) was conditionally approved by EPA on January 14, 2022. Minor revisions were made to the FSP in response to EPA comments and the Final Field Sampling Plan – Revision 1 (Tetra Tech 2022b) was submitted on January 18, 2022, and approved by EPA on March 31, 2022. Tetra Tech submitted an Analytical Request Form (ARF) to the EPA Laboratory and Technical Services Branch (LTSB) - Client Services Team (CST) to request analytical services. The LTSB-CST assigned the analytical services to the EPA LTSB Laboratory under Delivery of Analytical Services (DAS) number R36074.

EPA consulted with VADEQ and it was decided that air sampling would be conducted at some of the same air monitoring and sampling locations used in October 2021: Locations 7, 8, and 9, plus one new location, 10 (Appendix A, Figure 2; Appendix B). These locations are in eastern Bristol, Virginia and Bristol, Tennessee in areas for which frequent odor complaints had been received. The siting criteria was generally the same as previous air monitoring and sampling events, which in addition to the locations and frequency of past odor complaints, included: (1) security of air sampling equipment; (2) potential sources in the area; (3) potential for human exposure; (4) topography; and (5) geographic coverage of the area. Air sampling and air monitoring activities are described in the following sections.

3.1 JANUARY 24 TO FEBRUARY 8, 2022, AIR SAMPLING ACTIVITIES

EPA and Tetra Tech mobilized to the Site to initiate air sampling on January 24, 2022. Sampling was conducted in accordance with the approved FSP and the Tetra Tech “Uniform Federal Policy Quality Assurance Project Plan” for the EPA Region 3 Superfund Technical Assessment and Response Team (START-6 Contract) (QAPP) (Tetra Tech 2022b, 2021a). All air samples were collected in SUMMA canisters equipped with 24-hour flow controllers. SUMMA canisters were set up at Locations 7, 8, 9, and 10 (Appendix A, Figure 2; Appendix B) and the first set of samples were collected from January 24 to 25, 2022. A second set of samples was collected at the same locations from January 25 to 26, 2022. The eight samples were shipped to the EPA LTSB Laboratory on January 26, 2022, to be analyzed for VOC by EPA Method TO-15 under DAS R36074.

Tetra Tech remobilized to the Site on February 7, 2022. SUMMA canisters with 24-hour flow controllers were set out at the same locations (Locations 7, 8, 9, and 10) (Appendix A, Figure 2; Appendix B), and air samples were collected from February 7 to 8, 2022. A co-located SUMMA was also collected at Location

9. The five samples were shipped to the EPA LTSB Laboratory on February 8, 2022, to be analyzed for VOC by EPA Method TO-15 under DAS R36074.

VADEQ also set out SUMMA canisters and collected air samples at Locations 7, 8, 9, and 10 from February 7 to 8, 2022. The VADEQ air samples were set in close proximity to the EPA air samples and commenced sampling simultaneously. However, the VADEQ air samples collected at Locations 7 and 8 were collected using 8-hour flow controllers, resulting in a shorter sampling period. The VADEQ SUMMA canisters used for sampling at Locations 9 and 10 had 24-hour flow controllers. The VADEQ sampling durations for VADEQ samples collected at Locations 9 and 10 were greater than 24 hours, whereas the co-located EPA air samples were collected in less than 24 hours. The differences in sampling durations between EPA and VADEQ samples collected at Locations 9 and 10 are attributable to differences in flow controller calibration. VADEQ air samples were analyzed for VOC using EPA Method TO-15 by the Commonwealth of Virginia Division of Consolidated Laboratory Services (DCLS) in Richmond, Virginia.

A summary of all air samples collected by START for EPA during this period (January 24 through February 8, 2022) is presented in Appendix C, including location numbers, sample identifiers (ID), sampling start dates and times, and sampling stop dates and times. Chain of custody/traffic reports (COC) for all EPA samples shipped from January 26 to February 8, 2022, are provided in Appendix D. A summary of VADEQ air samples, including locations, start dates and times, and stop dates and times is included in Attachment 1. Attachment 1 lists all the VADEQ air samples associated with the previous EPA air monitoring conducted in June to July 2021 and October 2021, in addition to the samples collected on February 7 to 8, 2022.

3.2 APRIL 2022 AIR SAMPLING AND MONITORING ACTIVITIES

EPA subsequently decided that additional air sampling was required and sampling was scheduled for April 2022. As directed by EPA, Tetra Tech submitted an ARF to the LTSB-CST to request analytical services for the sampling. The LTSB-CST assigned the analytical services to the EPA LTSB Laboratory under DAS number R36136.

Tetra Tech mobilized to the Site to conduct additional air sampling and on April 11, 2022. Sampling was conducted in accordance with the approved FSP and the EPA Region 3 START-6 Contract QAPP (Tetra Tech 2022b, 2021a). All air samples were collected in SUMMA canisters equipped with 24-hour flow controllers. SUMMA canisters were set up at Locations 7, 8, 9, and 10 (Appendix A, Figure 2; Appendix B) and sampling commenced on the afternoon of April 11. Tetra Tech collected this first set of samples

from April 11 to 12, 2022. A second set of air samples was collected April 12 to 13, 2022. The samples were shipped to the EPA LTSB Laboratory on April 12 and 13, 2022, to be analyzed for VOC by EPA Method TO-15 under DAS R36136.

Tetra Tech remobilized to the Site on April 19, 2022. SUMMA canisters with 24-hour flow controllers were set out at Locations 7, 8, 9, and 10, with a co-located sample at Location 8 (Appendix A, Figure 2; Appendix B). The air samples were collected from April 19 to 20, 2022. Four samples were shipped to the LTSB Laboratory on April 20, 2022, and one sample was shipped to LTSB on April 25, 2022. The samples were all analyzed for VOC by EPA Method TO-15 under DAS R36136.

A summary of all air samples collected by START for EPA during this period (April 11 through 20, 2022) is presented in Appendix C, including location numbers, sample identifiers (ID), sampling start dates and times, and sampling stop dates and times. COC for all EPA samples shipped from April 12 to 25, 2022 are provided in Appendix E.

3.3 MOBILE AIR MONITORING

Tetra Tech conducted mobile air monitoring in the study area on the following dates: April 11, 12, 13, 19, and 20. The mobile air monitoring was conducted using a MultiRAE Pro near the air sampling locations and in other areas for which frequent odor complaints had been received. Air monitoring parameters included VOC by photoionization detector (PID), hydrogen sulfide, and oxygen.

Table 1 provides the monitoring parameters, detection ranges, and resolution of MultiRAE Pro. The detection range is the range of concentrations (high and low) at which a parameter can be detected. The resolution is the increment at which the parameter concentrations are reported on the instrument.

TABLE 1
AIR MONITORING PARAMETER DETECTION RANGES

Monitoring Parameter/Instrument	Detection Range	Resolution
VOC	0 – 2,000 ppm	10 ppb
Hydrogen sulfide	0 – 100 ppm	0.1 ppm
Oxygen	0 – 30%	0.1 %

Notes:

% = Percent

ppb = parts per billion

ppm = parts per million

VOC = Volatile Organic Compound

Before conducting mobile air monitoring, the MultiRAE Pro was bump-tested, zeroed, and re-calibrated, if necessary. The MultiRAE Pro was bump-tested and calibrated using 10 parts per million (ppm) isobutylene span gas for VOC. Other sensors installed in the MultiRAE were also bump-tested and re-calibrated if necessary (including those for hydrogen sulfide, and oxygen).

General areas and locations where mobile/short-term air monitoring was conducted are described below.

Bristol, Virginia locations: Near intersection of Kings Mill Pike and Valley Drive; Shakesville Road near the city public works property; Booher Springs Road near the Virginia-Tennessee state line; and near the intersection of Kings Mill Pike and Old Airport Road.

Bristol, Tennessee locations: Florida Avenue between the intersections with Pine Street and Spruce Street; Sparkling Brook Drive/Spanish Oak Drive; Fire Station #2 on King College Road/East State Street.

Mobile air monitoring locations are shown in Appendix A, Figure 3.

Air monitoring results for hydrogen sulfide for all readings and locations were 0.0 ppm. All oxygen monitoring results were 20.9%. The only detections for VOC were on April 11, 2022, with a reading of 0 to 10 ppb at the city public works on Shakesville Road and a reading of 10 ppb and on Booher Springs Road near the Tennessee state line.

3.4 WEATHER DATA

START used a Davis Vantage Pro 2 weather station to measure and log localized weather conditions during the air sampling activities. The weather station logged a number of weather parameters, including: temperature, barometric pressure, wind direction and speed, precipitation, and relative humidity. The data logger was set up to record weather parameters at 10-minute intervals throughout the periods from January 24 to February 8 and April 11 to 20, 2022. The anemometer was inoperable when installed on the afternoon of January 24th and no weather data could be logged. A replacement anemometer was installed at approximately 1345 on January 25th and the weather station logged properly thereafter. The weather station was placed at Location 9. Graphical presentations of the weather data for the sampling periods are provided in Attachment 5. The weather station data is presented in Attachment 6.

4.0 ANALYTICAL RESULTS

This section provides a brief summary of analytical results for the January to February and April 2022 air sampling events. A summary of all analytes detected in one or more EPA air samples collected in the January to February 2022 sampling event is presented in Appendix F. A summary of all analytes detected in one or more EPA air samples collected in April 2022 is presented in Appendix G. Complete tabulated analytical results for VADEQ air samples collected in February 2022 are provided in Appendix H and the laboratory data sheets are presented in Attachment 2. The full laboratory final reports for EPA air samples collected during the January to February and April 2022 sampling events are provided in Attachments 3 and 4, respectively. The analytical results have been forwarded to ATSDR for evaluation to determine if the concentrations of detected compounds are at levels that may pose a public health concern.

Data qualifiers that may be assigned to EPA air sample data by LTSB include:

L = The identification of the analyte is acceptable; the reported value may be biased low. The actual value is expected to be greater than the reported value. Reported value is an estimate.

K = The identification of the analyte is acceptable; the reported value may be biased high. The actual value is expected to be less than the reported value. Reported value is an estimate.

J = The identification of the analyte is acceptable; the reported value is an estimate.

U = Analyte included in the analysis, but not detected at or above the quantitation limit.

UJ = The analyte was not detected at or above the quantitation limit. The quantitation limit is an estimate.

UL = The analyte was not detected. The quantitation limit is probably higher due to indications of a low bias.

4.1 ANALYTICAL RESULTS FOR EPA AIR SAMPLES – JANUARY TO FEBRUARY 2022

Several petroleum-related constituents were the most frequently detected compounds in the air samples, including: benzene, toluene, xylenes, ethylbenzene, hexane, and 1,2,4-trimethylbenzene. In addition to being constituents in petroleum products, these chemicals can be produced as products of incomplete combustion (PIC) during fires and from the operation of motor vehicles. Benzene was detected in all air samples at concentrations ranging from 0.2 parts per billion volume (ppbv) (0.7 micrograms per cubic meter [$\mu\text{g}/\text{m}^3$]) to 27 ppbv (87 $\mu\text{g}/\text{m}^3$). Toluene was detected in all samples at concentrations ranging from 0.3 J ppbv (0.11 $\mu\text{g}/\text{m}^3$) to 2.9 ppbv (11.2 $\mu\text{g}/\text{m}^3$). Ethylbenzene was detected in seven samples at concentrations up to 2.8 ppbv (12.3 $\mu\text{g}/\text{m}^3$). m,p-xylenes were detected in eight samples at concentrations up to 2.2 ppbv (9.8 $\mu\text{g}/\text{m}^3$). Other petroleum-related compounds were also detected at low concentrations in one or more air samples. Two common solvents, acetone and 2-butanone (also known as methyl ethyl

ketone [MEK]) were also detected in the samples. Acetone was detected in all samples ranging from 1.4 ppbv ($3.3 \mu\text{g}/\text{m}^3$) to 12 ppbv ($28.6 \mu\text{g}/\text{m}^3$). 2-butanone was detected in 12 of 13 samples, with the highest concentration detected at 5.9 ppbv ($17.6 \mu\text{g}/\text{m}^3$). The highest concentrations of petroleum-related compounds and common solvents were detected in samples collected on January 24 to 25, 2022, at Locations 9 and 10.

Other compounds that were detected at low concentrations in all samples consisted of refrigerant gases, including chloromethane (which is also naturally occurring), dichlorodifluoromethane (also known as Freon 12), and trichlorofluoromethane (also known as Freon 11). The respective compounds were detected at similar concentrations in all the samples. Chloromethane was detected at concentrations ranging from 0.6 ppbv ($1.2 \mu\text{g}/\text{m}^3$) to 0.8 ppbv ($1.6 \mu\text{g}/\text{m}^3$). Dichlorodifluoromethane was detected at concentrations ranging from 0.3 J ppbv ($1.6 \mu\text{g}/\text{m}^3$) to 0.4 J ppbv ($1.9 \mu\text{g}/\text{m}^3$) and trichlorofluoromethane was detected at concentrations ranging from 0.2 J ppbv ($1.1 \mu\text{g}/\text{m}^3$) and 0.3 J ppbv ($1.5 \mu\text{g}/\text{m}^3$). Acrolein was not detected in any sample.

4.2 ANALYTICAL RESULTS FOR VADEQ AIR SAMPLES – FEBRUARY 2022

VADEQ air samples are identified in this report based on the SUMMA canister serial number. Analytical results received from the DCLS were reported in ppbv (Attachment 2). Tetra Tech prepared a table to present the VADEQ data in both ppbv and the equivalent concentrations in $\mu\text{g}/\text{m}^3$ (see Appendix H).

Data qualifiers applied to some of the VADEQ analytical results by the DCLS included:

SQ = Value between sample quantitation limit (SQL) and method detection limit (MDL). Result should be considered an estimated value.

MD = Value less than MDL. Result should be considered an estimated value.

ND = Not detected at a value greater than or equal to the SQL/reporting limit.

Several petroleum-related constituents were detected in nearly all samples collected on February 7 to 8, 2022, including: benzene, toluene, ethyl benzene, heptane, hexane, 1,2,4-trimethylbenzene, and xylenes. Benzene was detected in all four air samples at concentrations ranging from 0.16 ppbv ($0.51 \mu\text{g}/\text{m}^3$) to 6.44 ppbv ($20.54 \mu\text{g}/\text{m}^3$). Toluene was detected in all samples at concentrations ranging from 0.12 SQ ppbv ($0.45 \mu\text{g}/\text{m}^3$) to 0.72 ppbv ($2.71 \mu\text{g}/\text{m}^3$). Ethylbenzene was detected in all samples at concentrations ranging from 0.02 MD ppbv ($0.09 \mu\text{g}/\text{m}^3$) to 0.69 ppbv ($2.99 \mu\text{g}/\text{m}^3$). Heptane was detected in all samples at concentrations ranging from 0.05 SQ ppbv ($0.21 \mu\text{g}/\text{m}^3$) to 0.46 ppbv ($1.89 \mu\text{g}/\text{m}^3$), and hexane was detected

in all samples at concentrations ranging from 0.06 SQ ppbv (0.21 $\mu\text{g}/\text{m}^3$) to 0.16 ppbv (0.56 $\mu\text{g}/\text{m}^3$). Both m,p-xylenes and o-xylenes were detected in all samples ranging from 0.05 MD ppbv (0.22 $\mu\text{g}/\text{m}^3$) to 0.59 ppbv (2.56 $\mu\text{g}/\text{m}^3$) and 0.02 MD ppbv (0.09 $\mu\text{g}/\text{m}^3$) to 0.22 ppbv (0.95 $\mu\text{g}/\text{m}^3$), respectively. 1,2,4-trimethylbenzene was detected in three of the samples with concentrations ranging from 0.07 SQ ppbv (0.34 $\mu\text{g}/\text{m}^3$) to 0.16 ppbv (0.79 $\mu\text{g}/\text{m}^3$), and 1,3,5-trimethyl benzene was detected in three samples with concentrations ranging from 0.03 MD ppbv (0.15 $\mu\text{g}/\text{m}^3$) to 0.07 SQ (0.34 $\mu\text{g}/\text{m}^3$). The highest concentrations of most analytes were generally detected in the samples collected at Location 9.

Other compounds that were detected at low concentrations in most or all four samples consisted of refrigerant gases, including chloromethane, dichlorofluoromethane (also known as Freon 12), 1,1,2-trichlorotrifluoroethane, and Freon 11 (also known as trichlorofluoromethane). The analytes were detected in all samples with little variability in the reported concentrations. Chloromethane was detected at concentrations ranging from 0.49 ppbv (1.01 $\mu\text{g}/\text{m}^3$) to 0.51 ppbv (1.06 $\mu\text{g}/\text{m}^3$). Dichlorodifluoromethane was detected at concentrations ranging from 0.36 ppbv (1.78 $\mu\text{g}/\text{m}^3$) to 0.39 ppbv (1.93 $\mu\text{g}/\text{m}^3$), and Freon 11 was detected in concentrations ranging from 0.20 ppbv (1.12 $\mu\text{g}/\text{m}^3$) to 0.21 ppbv (1.18 $\mu\text{g}/\text{m}^3$). 1,1,2-trichlorotrifluoroethane was detected at 0.06 SQ ppbv (0.46 $\mu\text{g}/\text{m}^3$) in all four samples.,

Several other compounds, including common solvents were detected in the samples. Methylene chloride was detected in all four samples at concentrations of 0.09 MD ppbv (0.31 $\mu\text{g}/\text{m}^3$) (concentration below the MDL) to 0.13 ppbv (0.45 $\mu\text{g}/\text{m}^3$). Tetrahydrofuran was detected in three of the four samples with detected concentrations ranging from 0.44 ppbv (1.30 $\mu\text{g}/\text{m}^3$) to 0.89 ppbv (2.63 $\mu\text{g}/\text{m}^3$). Additionally, acrolein was detected in all four samples at concentrations ranging from 0.16 SQ ppbv (0.37 $\mu\text{g}/\text{m}^3$) to 0.31 ppbv (0.71 $\mu\text{g}/\text{m}^3$). Complete analytical results for VADEQ samples are presented in Appendix H and Attachment 2.

4.3 ANALYTICAL RESULTS FOR EPA AIR SAMPLES – APRIL 2022

Several petroleum-related constituents were the most frequently detected compounds in the air samples, including: benzene, toluene, ethylbenzene, and m,p-xylenes. Benzene was detected in all thirteen air samples at concentrations ranging from 0.4 ppbv (1.2 $\mu\text{g}/\text{m}^3$) to 7.7 ppbv (24.7 $\mu\text{g}/\text{m}^3$). Toluene was detected in all but one of the 13 samples at concentrations ranging from 0.3 J ppbv (1.3 $\mu\text{g}/\text{m}^3$) to 1.2 ppbv (4.4 $\mu\text{g}/\text{m}^3$). The qualifier ‘J’ denoted here and in the remainder of the section has been used to report that the identification of the analyte is acceptable, and that the reported value is an estimate. Ethylbenzene was detected in nine of the samples at concentrations ranging from 0.3 ppbv (1.1 $\mu\text{g}/\text{m}^3$) to 0.8 ppbv (3.3 $\mu\text{g}/\text{m}^3$). The m,p-xylenes were detected in eleven of the samples, at concentrations ranging from 0.2 J ppbv (1.1 $\mu\text{g}/\text{m}^3$) to 0.8 J ppbv (3.6 $\mu\text{g}/\text{m}^3$). Other petroleum-related compounds were also detected at low

concentrations in one or more air samples, including heptane, hexane, 1,2,4-trimethylbenzene. The highest concentrations were generally detected in samples collected at Location 9. In general, the highest concentrations of petroleum-related compounds were detected in samples collected at Locations 9 and 10.

Three common solvents, acetone, 2-butanone (also known as MEK), and isopropyl alcohol, were also detected in all the samples. Acetone was detected in all 13 samples ranging from 3.5 ppbv ($8.4 \mu\text{g}/\text{m}^3$) to 9.2 ppbv ($22.1 \mu\text{g}/\text{m}^3$). 2-butanone was detected at concentrations ranging from 0.3 J ppbv ($0.9 \mu\text{g}/\text{m}^3$) to 1.7 ppbv ($5.0 \mu\text{g}/\text{m}^3$) and isopropyl alcohol was detected at 2.1 ppbv ($5.1 \mu\text{g}/\text{m}^3$) to 16.7 ppbv ($41.5 \mu\text{g}/\text{m}^3$). The solvent tetrahydrofuran was detected in nine of the samples with concentrations ranging from 0.2 J ppbv ($0.7 \mu\text{g}/\text{m}^3$) to 0.9 ppbv ($2.8 \mu\text{g}/\text{m}^3$).

Other compounds that were detected at low concentrations in samples consisted of refrigerant gases, including chloromethane, dichlorodifluoromethane (also known as Freon 12), and trichlorofluoromethane (also known as Freon 11). The respective compounds were detected at similar concentrations in all the samples. Chloromethane was detected at concentrations ranging from 0.6 ppbv ($1.3 \mu\text{g}/\text{m}^3$) to 0.9 ppbv ($2.0 \mu\text{g}/\text{m}^3$). Dichlorodifluoromethane was detected at concentrations ranging from 0.4 J ppbv ($2.0 \mu\text{g}/\text{m}^3$) to 0.5 ppbv ($2.3 \mu\text{g}/\text{m}^3$), and trichlorofluoromethane was detected at concentrations ranging from 0.2 J ppbv ($1.4 \mu\text{g}/\text{m}^3$) to 0.3 J ppbv ($1.6 \mu\text{g}/\text{m}^3$). Additionally, acrolein was not detected in any sample.

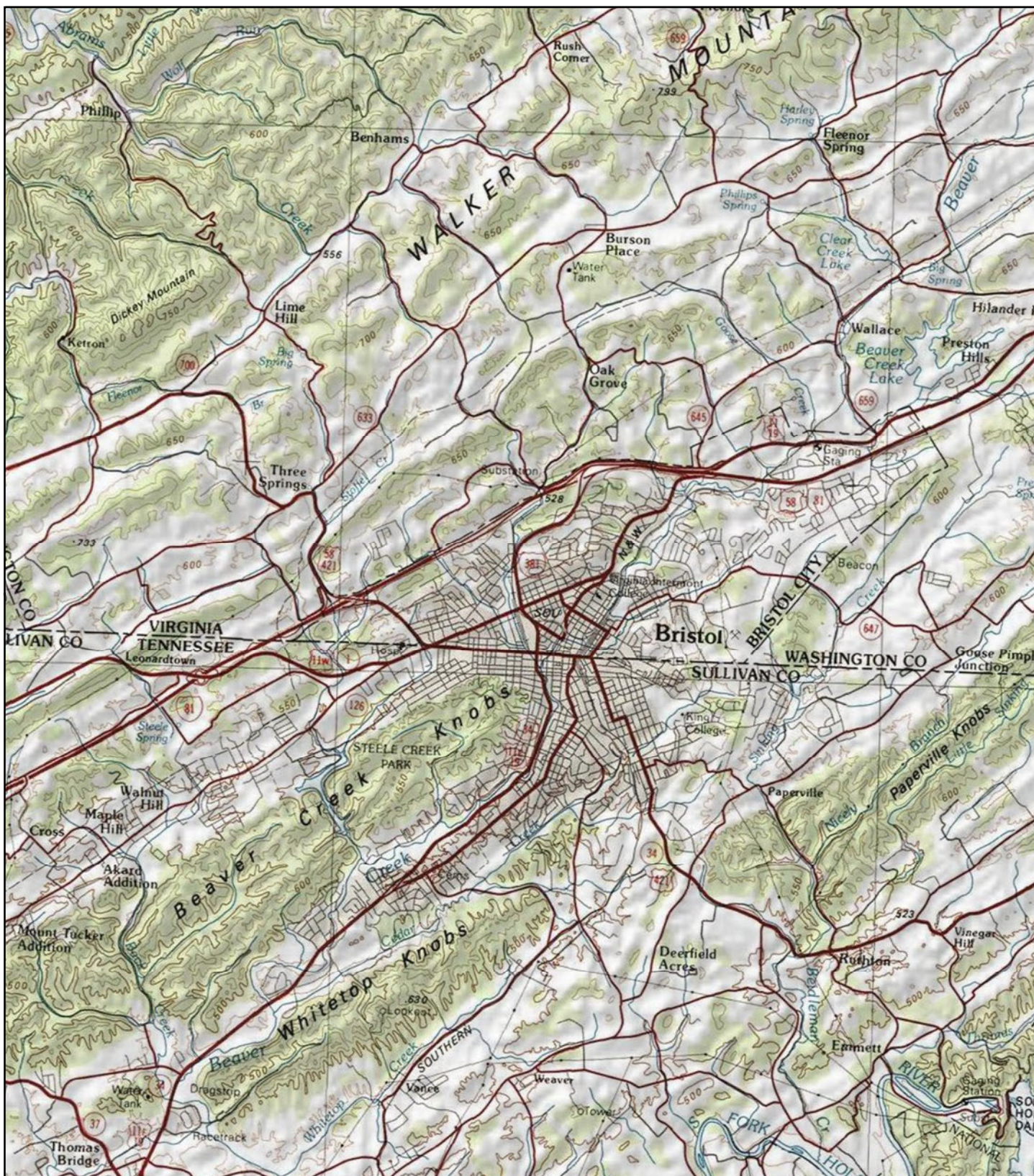
5.0 REFERENCES

- Tetra Tech, Inc. (Tetra Tech). 2021a. "Uniform Federal Policy Quality Assurance Project Plan." EPA Region III Superfund Technical Assessment and Response Team (START-6 Contract). August 20.
- Tetra Tech. 2021b. "Final Air Monitoring Report for the 11184 Bristol Air Site." October 4.
- Tetra Tech. 2021c. "Air Monitoring Report for October 19 to 28, 2021." December 13.
- Tetra Tech. 2022a. "Final Field Sampling Plan - Revision 0, 11184 Bristol Air Site." January 4.
- Tetra Tech. 2022b. "Final Field Sampling Plan - Revision 1, 11184 Bristol Air Site." January 18.

APPENDIX A

FIGURES

- 1 Site Location Map
- 2 Air Sampling Location Map
- 3 Air Monitoring Location Map – April 2022

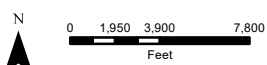


Legend

Data Sources
Imagery: USA_Topographic_Maps

Coordinate System:
State Plane Virginia South
Linear Unit: Foot US

Datum: D North American 1983 (NAD 83)

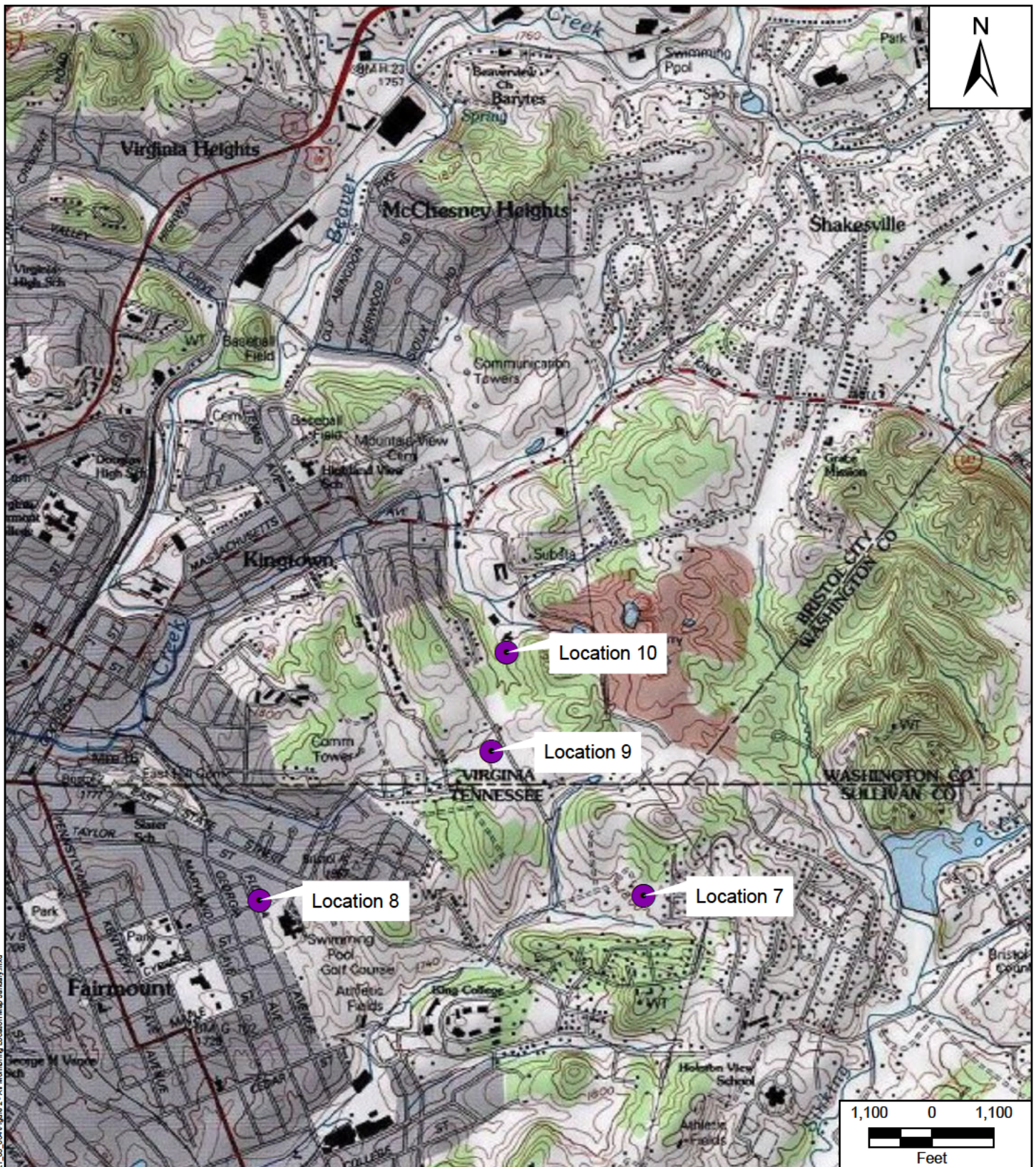


11184 Bristol Air Site
Bristol, Virginia

Figure 1
Site Location Map

TDD#: T601-21-05-004
Contract: 68-HE-0320-D0003
Prepared: 6/1/2021





Legend

- START Air Sampling Locations

11184 Bristol Air Site
Bristol, Washington County, VA

Figure 2
Air Sampling Location Map
January-February and April 2022

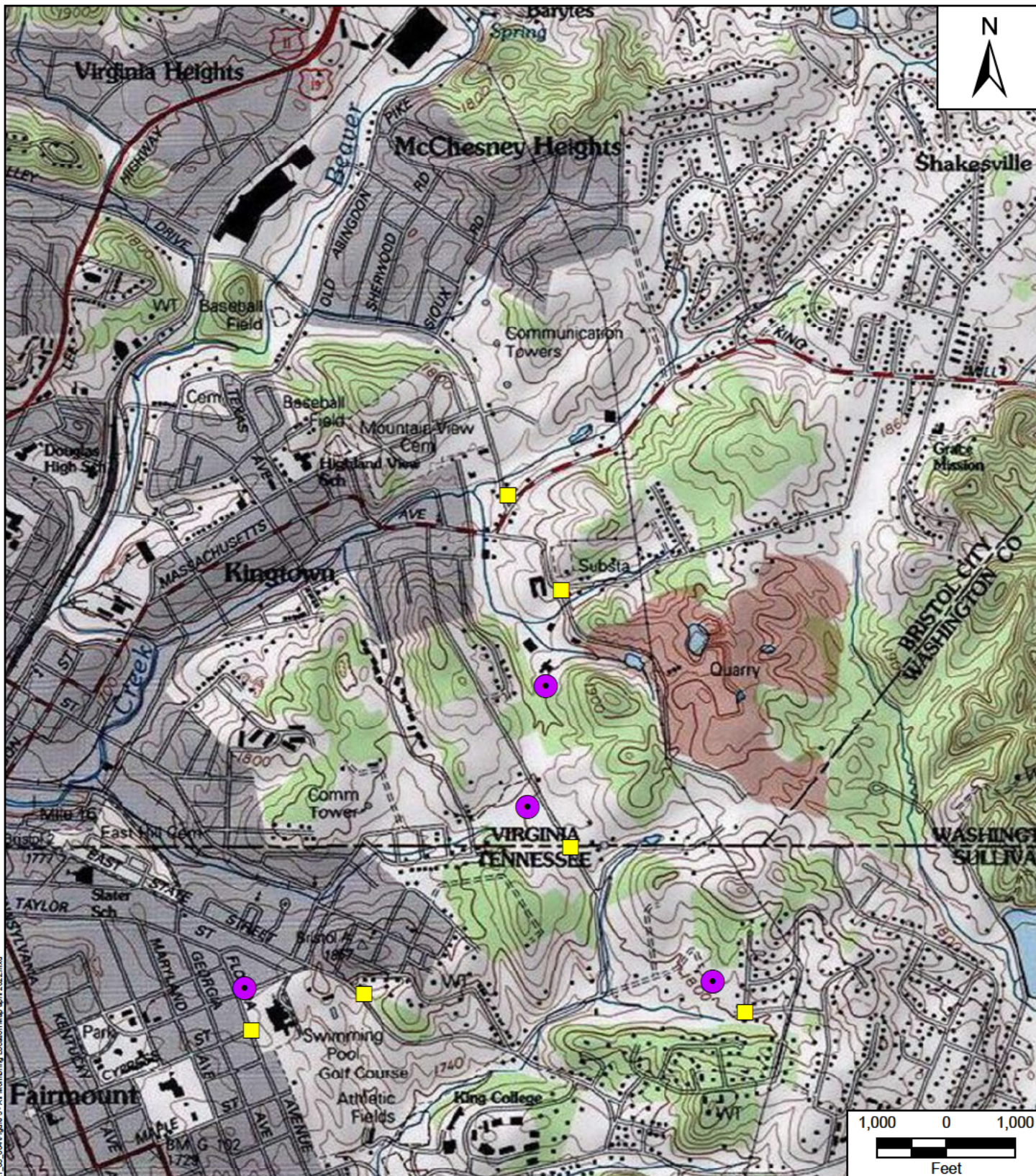


Source: Copyright © 2013 National Geographic Society, i-cubed

Prepared For EPA R3 START VI

Prepared By [Redacted]

Coordinate System WGS 1984 Web Mercator Auxiliary Sphere



Legend

- Mobile Air Monitoring Locations
- START Air Sampling Locations

1184 Bristol Air Site
Bristol, Washington County, Virginia

Figure # 3
Air Monitoring Map, April 2022



Prepared For EPA R3 START VI

Prepared By

Coordinate System WGS 1984 Web Mercator Auxiliary Sphere

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EPA Contract No. 68-HE-032-D0003

TD No

APPENDIX B
AIR SAMPLING LOCATIONS

APPENDIX B
AIR SAMPLING LOCATIONS
11184 BRISTOL AIR SITE
BRISTOL, VA
JANUARY 24 - APRIL 20, 2022

Location	Latitude°	Longitude°	Description	Address	Comments
7			Residential	<div>██████████</div> <div>██████████</div> <div>Bristol, TN</div>	
8			Residential	<div>██████████</div> <div>Bristol, TN</div>	
9			Residential	<div>████████████████████</div> <div>Bristol, VA</div>	Old address: <div>██████████</div> <div>Bristol, VA</div>
10	36.599849	-82.154611	Highlands Juvenile Detention Center	2105 Shakesville Road, Bristol, VA	

Notes:

° = degrees

Rd = Road

TN = Tennessee

VA = Virginia

APPENDIX C

EPA AIR SAMPLING SUMMARY

APPENDIX C
EPA AIR SAMPLING SUMMARY
11184 BRISTOL AIR SITE
BRISTOL VIRGINIA
JANUARY 24 TO APRIL 20, 2022

Location	Sample ID	CLP Sample No.	SUMMA S/N	Flow Controller S/N	Pressure _i (in. Hg)	Pressure _f (in. Hg)	Start Date	Start Time	Stop Date	Stop Time
7	LOC07-AA-03	C0AA2	41822	15567	-29.5	-8	1/24/2022	1747	1/25/2022	1200
7	LOC07-AA-07	C0AA5	41812	4970	-28	-7	1/25/2022	1603	1/26/2022	1027
7	LOC07-AA-12	C0AB1	41826	02579	-28.5	-6	2/7/2022	1548	2/8/2022	1054
7	LOC07-AA-17	C0AB7	41826	04969	-29	-6	4/11/2022	1715	4/12/2022	1220
7	LOC07-AA-21	C0AC1	41811	04950	-29.5	-6	4/12/2022	1820	4/13/2022	1343
7	LOC07-AA-26	C0AC6	41820	04948	-29	-5	4/19/2022	1800	4/20/2022	1248
8	LOC08-AA-04	C0AA3	41831	04948	-28	-6	1/24/2022	1813	1/25/2022	1110
8	LOC08-AA-08	C0AA6	41811	15550	-29	-7.5	1/25/2022	1628	1/26/2022	1046
8	LOC08-AA-13	C0AB2	18136	00683	-28	-6	2/7/2022	1625	2/8/2022	1111
8	LOC08-AA-16	C0AB6	41836	04957	-29	-6	4/11/2022	1647	4/12/2022	1202
8	LOC08-AA-20	C0AC0	41806	04962	-30	-6	4/12/2022	1750	4/13/2022	1324
8	LOC08-AA-24	C0AC4	41831	04968	-28	-5	4/19/2022	1732	4/20/2022	1236
8	LOC08-AA-25	C0AC5	18127	04965	-28	-5	4/19/2022	1732	4/20/2022	1236
9	LOC09-AA-02	C0AA1	41806	01678	-30	-7	1/24/2022	1723	1/25/2022	1217
9	LOC09-AA-06	C0AA7	41815	1671	-30	-8	1/25/2022	1641	1/26/2022	1206
9	LOC09-AA-09	C0AA8	41828	02589	-27	-4	2/7/2022	1640	2/8/2022	1033
9	LOC09-AA-10	C0AA9	41820	15556	-28	-6	2/7/2022	1640	2/8/2022	1033
9	LOC09-AA-14	C0AB4	41815	04967	-30	-6	4/11/2022	1625	4/12/2022	1155
9	LOC09-AA-19	C0AB9	41809	04970	-29	-6	4/12/2022	1729	4/13/2022	1440
9	LOC09-AA-23	C0AC3	11558	02569	-30	-9	4/19/2022	1655	4/20/2022	1850
10	LOC10-AA-01	C0AA0	41809	2569	-29	-6	1/24/2022	1647	1/25/2022	1047
10	LOC10-AA-05	C0AA4	41814	4952	-29	-6	1/25/2022	1524	1/26/2022	1004
10	LOC10-AA-11	C0AB0	41835	01672	-29	-5	2/7/2022	1511	2/8/2022	1155
10	LOC10-AA-15	C0AB5	41814	04947	-30	-4	4/11/2022	1614	4/12/2022	0904
10	LOC10-AA-18	C0AB8	18136	01678	-30	-6	4/12/2022	1707	4/13/2022	1457
10	LOC10-AA-22	C0AC2	41822	15567	-30	-5	4/19/2022	1614	4/20/2022	1306

Notes:

CLP = Contract Laboratory Program

Hg = Mercury

ID = Identifier

in. = inches

No. = Number

S/N = Serial number

Pressure_f = Final pressure

Pressure_i = Starting pressure

APPENDIX D

CHAIN OF CUSTODY DOCUMENTS – JANUARY TO FEBRUARY 2022

CarrierName: FedEx

CHAIN OF CUSTODY RECORD

DAS #: R36074

No: 3-012522-175400-0005

Lab Address: 701 Mapes Road

Lab Contact:

Special Instructions:	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

CHAIN OF CUSTODY RECORD

No: 3-012622-151708-0007

Lab: EPA Region 3 LTSB
Lab Address: 701 Mapes Road
Lab Contact: [REDACTED]

Special Instructions:	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

CarrierName: FedEx

CHAIN OF CUSTODY RECORD

DAS #: R36074

No: 3-020822-135526-0010

Lab Address: 701 Mapes Road

Lab Contact:

Special Instructions:	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

APPENDIX E

CHAIN OF CUSTODY DOCUMENTS – APRIL 2022

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt

APPENDIX F

**SUMMARY OF ANALYTICAL RESULTS FOR EPA AIR SAMPLES – JANUARY TO
FEBRUARY 2022**

APPENDIX F
Summary of Analytical Results for EPA Air Samples
11184 Bristol Air Site
Bristol, VA
January 24 to February 8, 2022

Sample ID:	LOC07-AA-03			LOC07-AA-07			LOC07-AA-12			LOC08-AA-04			LOC08-AA-08			LOC08-AA-13			LOC09-AA-02			LOC09-AA-06		
Canister No.	41822			41812			41826			41831			41811			18136			41806			41815		
Location:	7			7			7			8			8			8			9			9		
Sample Start Date:	1/24/2022			1/25/2022			2/7/2022			1/24/2022			1/25/2022			2/7/2022			1/24/2022			1/25/2022		
Sample Start Time:	17:47			16:03			15:48			18:13			16:28			16:25			17:23			16:41		
Sample Stop Date:	1/25/2022			1/26/2022			2/8/2022			1/25/2022			1/26/2022			2/8/2022			1/25/2022			1/26/2022		
Sample Stop Time:	12:00			10:27			10:54			11:10			10:46			11:11			12:17			12:06		
Matrix:	Air			Air			Air			Air			Air			Air			Air			Air		
Parameter	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q
1,2,4-Trimethylbenzene	ND	ND		ND	ND		ND	ND		0.4	1.9	J	ND	ND		0.2	1.0	J	0.6	3.1		ND	ND	
1,3,5-Trimethylbenzene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		0.2	1.2	J	ND	ND	
1,4-Dioxane	ND	ND		ND	ND		ND	ND		0.2	0.6	J	ND	ND		ND	ND		0.4	1.4	J	ND	ND	
2-Butanone	0.4	1.3	J	0.3	0.9	J	0.3	0.9	J	3.7	10.9		0.2	0.5	J	1.7	4.9		5.9	17.6		0.3	0.8	J
4-Ethyltoluene	ND	ND		ND	ND		ND	ND		0.3	1.6	J	ND	ND		0.2	0.9	J	0.5	2.5		ND	ND	
4-Methyl-2-pentanone	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		0.2	0.8	J	ND	ND	
Acetone	2.9	6.9		2.2	5.2		2.5	6.0		9.2	22.1		1.4	3.3		4.8	11.4		12	28.6		1.8	4.4	
Benzene	0.8	2.7		0.6	2.1		0.4	1.2		17.7	57.0		0.2	0.7		7.5	24.0		26.6	85.8		0.7	2.2	
Chloromethane	0.6	1.2		0.7	1.4		0.6	1.3		0.8	1.6		0.6	1.3		0.6	1.3		0.8	1.6		0.6	1.3	
Cyclohexane	ND	ND		ND	ND		ND	ND		0.2	0.6	J	ND	ND		ND	ND		ND	ND		ND	ND	
Dichlorodifluoromethane	0.3	1.6	J	0.4	1.8	J	0.3	1.7	J	0.4	1.8	J	0.4	1.8	J	0.4	1.9	J	0.3	1.6	J	0.4	1.7	J
Dichlorotetrafluoroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		0.4	2.7	J	ND	ND		ND	ND	
Ethanol	7.8	14.7		4.5	8.5		6.5	12.3		14.9	28.4		1.8	3.5		11.8	22.5		14.1	26.8		6.3	12.0	
Ethyl Acetate	ND	ND		ND	ND		ND	ND		0.3	1.0	J	ND	ND		0.2	0.9	J	0.3	0.9	J	ND	ND	
Ethylbenzene	ND	ND		ND	ND		ND	ND		1.7	7.3		ND	ND		0.7	3.3		2.8	12.3		ND	ND	
Hexane	0.2	0.6	J	ND	ND		ND	ND		0.4	1.5	J	ND	ND		0.3	0.9	J	0.3	1.0	J	ND	ND	
Isopropyl Alcohol	1.7	4.2		1.5	3.7		2.3	5.8		4.8	11.9		1.2	2.9		1.8	4.4		5.7	14.0		1.8	4.4	
Methylene chloride	ND	ND		ND	ND		ND	ND		0.2	0.8	J	ND	ND		ND	ND		ND	ND		ND	ND	
Naphthalene	ND	ND		ND	ND		ND	ND		0.2	1.3	J	ND	ND		ND	ND		ND	ND		ND	ND	
Propylene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		6.4	11.1		ND	ND	
Styrene	ND	ND		ND	ND		ND	ND		0.4	1.9	J	ND	ND		ND	ND		0.4	1.8	J	ND	ND	
Tetrahydrofuran	ND	ND		ND	ND		ND	ND		2	6.0		ND	ND		0.8	2.5		3.5	10.4		ND	ND	
Toluene	0.8	2.9		0.4	1.6	J	0.5	1.9		2.6	10.0		0.5	1.9		1.1	4.1		2.9	11.2		0.3	1.1	J
Trichlorofluoromethane	0.2	1.1	J	0.2	1.2	J	0.2	1.1	J	0.2	1.4	J	0.2	1.3	J	0.2	1.3	J	0.2	1.3	J	0.2	1.2	J
m,p-Xylenes	0.3	1.3	J	ND	ND		ND	ND		1.7	7.3		ND	ND		0.8	3.5	J	2.2	9.8		ND	ND	
o-Xylene	ND	ND		ND	ND		ND	ND		0.6	2.5		ND	ND		0.3	1.2	J	0.8	3.4		ND	ND	

APPENDIX F
Summary of Analytical Results for EPA Air Samples
11184 Bristol Air Site
Bristol, VA
January 24 to February 8, 2022

Sample ID:	LOC09-AA-09			LOC09-AA-10			LOC10-AA-01			LOC10-AA-05			LOC10-AA-11		
Canister No.	41828			41820			41809			41814			41835		
Location:	9			9			10			10			10		
Sample Start Date:	2/7/2022			2/7/2022			1/24/2022			1/25/2022			2/7/2022		
Sample Start Time:	16:40			16:40			16:47			15:24			15:11		
Sample Stop Date:	2/8/2022			2/8/2022			1/25/2022			1/26/2022			2/8/2022		
Sample Stop Time:	10:33			10:33			10:47			10:04			11:55		
Matrix:	Air			Air			Air			Air			Air		
Parameter	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q
1,2,4-Trimethylbenzene	0.2	1.2	J	0.3	1.3	J	0.6	2.8		ND	ND		0.2	1.1	J
1,3,5-Trimethylbenzene	ND	ND		ND	ND		0.2	1.1	J	ND	ND		ND	ND	
1,4-Dioxane	ND	ND		ND	ND		0.3	1.3	J	ND	ND		ND	ND	
2-Butanone	2.1	6.2		2.3	6.9		5.3	15.7		ND	ND		1.6	4.9	
4-Ethyltoluene	0.2	1.0	J	0.2	1.1	J	0.5	2.4		ND	ND		0.2	0.9	J
4-Methyl-2-pentanone	ND	ND		ND	ND		0.2	0.8	J	ND	ND		ND	ND	
Acetone	6.3	15.0		6.4	15.3		11.8	28.3	L	1.4	3.4		5.7	13.8	
Benzene	11.4	36.6		10.3	33.2		27.0	87.0	L	0.5	1.7		8.4	27.2	
Chloromethane	0.7	1.4		0.7	1.4		0.7	1.6	L	0.6	1.3		0.7	1.5	
Cyclohexane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Dichlorodifluoromethane	0.4	1.8	J	0.4	1.8	J	0.4	1.9	J	0.4	1.8	J	0.4	1.9	J
Dichlorotetrafluoroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Ethanol	9.3	17.7		8.4	16.0		13.6	25.9	L	1.1	2.1		8.3	15.8	
Ethyl Acetate	ND	ND		0.2	0.7	J	0.2	0.7	J	ND	ND		ND	ND	
Ethylbenzene	1.1	4.7		1.1	4.8		2.6	11.3		ND	ND		0.8	3.6	
Hexane	0.2	0.8	J	0.2	0.8	J	0.3	1.2	J	ND	ND		0.2	0.9	J
Isopropyl Alcohol	4	10.0		3.7	9.3		5.9	14.5		ND	ND		6.5	16.2	
Methylene chloride	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Naphthalene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Propylene	ND	ND		ND	ND		6.1	10.5	L	ND	ND		ND	ND	
Styrene	ND	ND		ND	ND		0.3	1.4	J	ND	ND		ND	ND	
Tetrahydrofuran	1.2	3.6		1.3	3.8		3.2	9.7		ND	ND		0.9	2.7	
Toluene	1.3	5.0		1.4	5.3		2.5	9.4		0.3	1.3	J	1.3	4.9	
Trichlorofluoromethane	0.2	1.3	J	0.2	1.3	J	0.3	1.5	J	0.2	1.2	J	0.2	1.3	J
m,p-Xylenes	1.0	4.2		1.0	4.3		2.2	9.6		ND	ND		0.9	3.8	J
o-Xylene	0.3	1.4	J	0.3	1.4	J	0.7	3.2		ND	ND		0.3	1.3	J

APPENDIX F
Summary of Analytical Results for EPA Air Samples
11184 Bristol Air Site
Bristol, VA
January 24 to February 8, 2022

Notes:

1. Duplicate Lab sample ID numbers on the electronic data deliverable (EDD).

Key:

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

ID = Identifier

ND = Not detected

No. = Number

ppbv = Parts per billion volume

Q = Qualifier

Data Validation Qualifiers:

J = The identification of the analyte is acceptable; the reported value is an estimate.

L = The identification of the analyte is acceptable; the reported value may be biased low. The actual value is expected to be greater than the reported value. Reported value is an estimate.

APPENDIX G

SUMMARY OF ANALYTICAL RESULTS FOR EPA AIR SAMPLES – APRIL 2022

APPENDIX G
Summary of Analytical Results for EPA Air Samples
11184 Bristol Air Site
Bristol, VA
April 11 -20, 2022

Sample ID:	LOC07-AA-17			LOC07-AA-21			LOC07-AA-26			LOC08-AA-16			LOC08-AA-20			LOC08-AA-24			LOC08-AA-25 (Co located with LOC08-AA-24)		
Canister No.	41826			41811			41820			41836			41806			41831			18127		
Location:	7			7			7			8			8			8			8		
Sample Start Date:	4/11/2022			4/12/2022			4/19/2022			4/11/2022			4/12/2022			4/19/2022			4/19/2022		
Sample Start Time:	17:15			18:20			18:00			16:47			17:50			17:32			17:32		
Sample Stop Date:	4/12/2022			4/13/2022			4/20/2022			4/12/2022			4/13/2022			4/20/2022			4/20/2022		
Sample Stop Time:	12:20			13:43			12:48			12:02			13:24			12:36			12:36		
Matrix:	Air			Air			Air			Air			Air			Air			Air		
Parameter	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q
1,2,4-Trimethylbenzene	ND	ND		ND	ND		ND	ND		ND	ND		0.2	1.1	J	ND	ND		ND	ND	
1,4-Dioxane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
2-Butanone	0.5	1.5		0.4	1.2	J	0.3	0.9	J	0.4	1.2	J	1.1	3.2		1.0	2.8		1.0	2.8	
4-Ethyltoluene	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
4-Methyl-2-pentanone	ND	ND		ND	ND		ND	ND		ND	ND		0.2	0.8	J	ND	ND		ND	ND	
Acetone	6.2	14.8		4.5	10.8		3.5	8.4		7.1	17.1		5.2	12.6		5.5	13.1		4.2	10.0	
Benzene	0.8	2.6		0.4	1.3		0.4	1.2		1.0	3.2		3.8	12.2		3.8	12.1		3.8	12.2	
Chloromethane	0.9	2.0		0.9	1.8		0.8	1.6		0.8	1.7		0.8	1.7		0.8	1.6		0.7	1.5	
Dichlorodifluoromethane	0.5	2.3		0.4	2.1	J	0.5	2.3		0.4	2.0	J	0.4	2.1	J	0.4	2.1	J	0.5	2.3	
Dichlorotetrafluoroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Ethanol	8.2	15.7	K	10.0	19.1	K	4.3	8.1	K	13.5	25.6	K	12.8	24.4	K	11.1	21.2	K	9.1	17.4	K
Ethyl Acetate	ND	ND		ND	ND		ND	ND		ND	ND		0.2	0.7	J	ND	ND		ND	ND	
Ethylbenzene	ND	ND		ND	ND		ND	ND		ND	ND		0.4	2.0	J	0.3	1.5	J	0.4	1.5	J
Heptane	ND	ND		ND	ND		ND	ND		ND	ND		0.2	0.8	J	ND	ND		ND	ND	
Hexane	ND	ND		ND	ND		ND	ND		ND	ND		0.3	1.1	J	ND	ND		ND	ND	

APPENDIX G
Summary of Analytical Results for EPA Air Samples
11184 Bristol Air Site
Bristol, VA
April 11 -20, 2022

Sample ID:	LOC07-AA-17			LOC07-AA-21			LOC07-AA-26			LOC08-AA-16			LOC08-AA-20			LOC08-AA-24			LOC08-AA-25 (Co located with LOC08-AA-24)		
Canister No.	41826			41811			41820			41836			41806			41831			18127		
Location:	7			7			7			8			8			8			8		
Sample Start Date:	4/11/2022			4/12/2022			4/19/2022			4/11/2022			4/12/2022			4/19/2022			4/19/2022		
Sample Start Time:	17:15			18:20			18:00			16:47			17:50			17:32			17:32		
Sample Stop Date:	4/12/2022			4/13/2022			4/20/2022			4/12/2022			4/13/2022			4/20/2022			4/20/2022		
Sample Stop Time:	12:20			13:43			12:48			12:02			13:24			12:36			12:36		
Matrix:	Air			Air			Air			Air			Air			Air			Air		
Parameter	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q
Isopropyl Alcohol	4.4	11.0		2.2	5.5		2.1	5.1		5.4	13.4		3.9	9.7		8.6	21.2		2.2	5.4	
Methylene Chloride	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Naphthalene	ND	ND		ND	ND		ND	ND		0.2	0.9	J	0.4	1.9	J	ND	ND		ND	ND	
Propylene	ND	ND		1.2	2.1		0.8	1.5		ND	ND		2.0	3.5		2.0	3.4		1.9	3.2	
Styrene	ND	ND		ND	ND		ND	ND		ND	ND		0.2	0.8	J	ND	ND		ND	ND	
Tetrahydrofuran	ND	ND		ND	ND		ND	ND		ND	ND		0.4	1.3	J	0.4	1.2	J	0.4	1.1	J
Toluene	0.3	1.3	J	0.4	1.5	J	ND	ND		0.5	1.8		1.0	3.6		0.6	2.2		0.5	1.9	
Trichlorofluoromethane	0.3	1.5	J	0.3	1.5	J	0.3	1.5	J	0.2	1.4	J	0.3	1.5	J	0.3	1.5	J	0.3	1.6	J
m,p-Xylenes	ND	ND		0.3	1.3	J	ND	ND		0.2	1.1	J	0.7	2.9	J	0.4	1.7	J	0.4	1.6	J
o-Xylene	ND	ND		ND	ND		ND	ND		ND	ND		0.3	1.1	J	ND	ND		ND	ND	
2-Hexanone	ND	ND		ND	ND		ND	ND		ND	ND		0.2	0.9	J	ND	ND		ND	ND	

APPENDIX G
Summary of Analytical Results for EPA Air Samples
11184 Bristol Air Site
Bristol, VA
April 11 -20, 2022

Sample ID:	LOC09-AA-14			LOC09-AA-19			LOC09-AA-23			LOC10-AA-15			LOC10-AA-18			LOC10-AA-22		
Canister No.	41815			41809			11558			41814			18136			41822		
Location:	9			9			9			10			10			10		
Sample Start Date:	4/11/2022			4/12/2022			4/19/2022			4/11/2022			4/12/2022			4/19/2022		
Sample Start Time:	16:25			17:29			16:55			16:14			17:07			16:14		
Sample Stop Date:	4/12/2022			4/13/2022			4/20/2022			4/12/2022			4/13/2022			4/20/2022		
Sample Stop Time:	11:55			14:40			18:50			9:04			14:57			13:06		
Matrix:	Air			Air			Air			Air			Air			Air		
Parameter	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q
1,2,4-Trimethylbenzene	ND	ND		0.2	1.1	J	ND	ND		ND	ND		0.2	0.9	J	ND	ND	
1,4-Dioxane	0.2	0.8	J	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
2-Butanone	0.9	2.6		1.6	4.8		1.0	3.1		1.7	5.0		1.3	3.8		0.7	2.1	
4-Ethyltoluene	ND	ND		0.2	0.9	J	ND	ND		ND	ND		ND	ND		ND	ND	
4-Methyl-2-pentanone	0.5	2.0		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Acetone	6.2	14.8		6.9	16.6		9.2	22.1		9.2	22.1		5.7	13.8		4.2	10.0	
Benzene	3.0	9.7		7.7	24.7		3.3	10.8		5.2	16.9		5.2	16.9		2.8	9.1	
Chloromethane	0.8	1.6		0.9	1.8		0.8	1.6		0.9	1.8		0.8	1.7		0.6	1.3	
Dichlorodifluoromethane	0.4	2.1	J	0.4	2.1	J	0.4	2.1	J	0.4	2.1	J	0.4	2.0	J	0.4	2.1	J
Dichlorotetrafluoroethane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Ethanol	9.0	17.2	K	10.8	20.6	K	15.5	29.5	K	24.6	46.7	K	13.7	26.0	K	8.5	16.1	K
Ethyl Acetate	ND	ND		0.2	0.8	J	0.2	0.7	J	ND	ND		0.2	0.7	J	ND	ND	
Ethylbenzene	0.3	1.2	J	0.8	3.3		0.3	1.5	J	0.5	2.0		0.6	2.5		0.3	1.1	J
Heptane	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Hexane	ND	ND		ND	ND		ND	ND		ND	ND		0.2	0.8	J	ND	ND	

APPENDIX G
Summary of Analytical Results for EPA Air Samples
11184 Bristol Air Site
Bristol, VA
April 11 -20, 2022

Sample ID:	LOC09-AA-14			LOC09-AA-19			LOC09-AA-23			LOC10-AA-15			LOC10-AA-18			LOC10-AA-22		
Canister No.	41815			41809			11558			41814			18136			41822		
Location:	9			9			9			10			10			10		
Sample Start Date:	4/11/2022			4/12/2022			4/19/2022			4/11/2022			4/12/2022			4/19/2022		
Sample Start Time:	16:25			17:29			16:55			16:14			17:07			16:14		
Sample Stop Date:	4/12/2022			4/13/2022			4/20/2022			4/12/2022			4/13/2022			4/20/2022		
Sample Stop Time:	11:55			14:40			18:50			9:04			14:57			13:06		
Matrix:	Air			Air			Air			Air			Air			Air		
Parameter	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q
Isopropyl Alcohol	3.1	7.8		2.6	6.3		16.7	41.5		4.2	10.4		4.2	10.4		3.5	8.6	K
Methylene Chloride	ND	ND		ND	ND		0.2	0.6	J	ND	ND		ND	ND		ND	ND	
Naphthalene	0.9	4.8	J	ND	ND		ND	ND		ND	ND		ND	ND		ND	ND	
Propylene	1.2	2.1		2.8	4.8		2.3	4.1		1.5	2.6		2.0	3.4		1.8	3.1	
Styrene	ND	ND		ND	ND		ND	ND		0.2	1.1	J	ND	ND		ND	ND	
Tetrahydrofuran	0.5	1.4		0.9	2.8		0.4	1.2	J	0.6	1.7		0.6	1.7		0.2	0.7	J
Toluene	0.5	1.7		1.1	4.0		1.2	4.4		0.6	2.3		1.0	3.9		0.4	1.4	J
Trichlorofluoromethane	0.3	1.5	J	0.3	1.6	J	0.2	1.4	J	0.3	1.4	J	0.2	1.4	J	0.3	1.4	J
m,p-Xylenes	0.3	1.2	J	0.8	3.6	J	0.4	1.8	J	0.4	1.8	J	0.7	3.3	J	0.3	1.3	J
o-Xylene	ND	ND		0.3	1.2	J	ND	ND		ND	ND		0.3	1.1	J	ND	ND	
2-Hexanone	0.3	1.3	J	ND	ND		ND	ND		0.2	0.8	J	ND	ND		ND	ND	

APPENDIX G
Summary of Analytical Results for EPA Air Samples
11184 Bristol Air Site
Bristol, VA
April 11 -20, 2022

Notes:

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

ID = Identifier

ND = Not detected

No. = Number

ppbv = Parts per billion volume

Q = Qualifier

Data Validation Qualifiers:

J = The identification of the analyte is acceptable; the reported value is an estimate.

K = The identification of the analyte is acceptable; the reported value may be biased high. The actual value is expected to be less than the reported value. Reported value is an estimate.

APPENDIX H

ANALYTICAL RESULTS FOR VADEQ AIR SAMPLES – FEBRUARY 2022

Appendix H - Summary of VADEQ Analytical Results for Air Samples
11184 Bristol Air Site
Bristol, Virginia
February 7, 2022

Sample ID: Canister No. Location: Sample Date (beginning date): Sampling Duration: Matrix: <small>Conversion factor ppbv to µg/m³</small>		522-B-020722 522 7 2/7/2022 8 hr 41 min Air			402-B-020722 402 8 2/7/2022 8 hr 14 min Air			523-B-020722 523 9 2/7/2022 27 hr 52 min Air			401-B-020722 401 10 2/7/2022 27 hr 34 min Air		
Parameter		Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q
1,1,1-Trichloroethane	5.46	0.125	0.68	ND	0.125	0.68	ND	0.125	0.68	ND	0.125	0.68	ND
1,1,2,2-Tetrachloroethane	6.87	0.125	0.86	ND	0.125	0.86	ND	0.125	0.86	ND	0.125	0.86	ND
1,1,2-Trichloroethane	5.46	0.125	0.68	ND	0.125	0.68	ND	0.125	0.68	ND	0.125	0.68	ND
1,1,2-Trichlorotrifluoroethane	7.67	0.06	0.46	SQ	0.06	0.46	SQ	0.06	0.46	SQ	0.06	0.46	SQ
1,1-Dichloroethane	4.05	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND
1,1-Dichloroethene	3.97	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND
1,2,4-Trichlorobenzene	7.42	0.25	1.86	ND	0.250	1.86	ND	0.25	1.86	ND	0.25	1.86	ND
1,2,4-Trimethylbenzene	4.92	0.125	0.62	ND	0.07	0.34	SQ	0.16	0.79		0.12	0.59	SQ
1,2-Dibromoethane	7.69	0.125	0.96	ND	0.125	0.96	ND	0.125	0.96	ND	0.125	0.96	ND
1,2-Dichlorobenzene	6.01	0.125	0.75	ND	0.125	0.75	ND	0.125	0.75	ND	0.125	0.75	ND
1,2-Dichloroethane	4.05	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND
1,2-Dichloropropane	4.62	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND
1,3,5-Trimethylbenzene	4.92	0.125	0.62	ND	0.03	0.15	MD	0.07	0.34	SQ	0.06	0.30	SQ
1,3-Butadiene	2.21	0.125	0.28	ND	0.11	0.24	SQ	0.125	0.28	ND	0.125	0.28	ND
1,3-Dichlorobenzene	6.01	0.125	0.75	ND	0.125	0.75	ND	0.125	0.75	ND	0.125	0.75	ND
1,4-Dichlorobenzene	6	0.25	1.50	ND	0.25	1.50	ND	0.25	1.50	ND	0.25	1.50	ND
4-Ethyltoluene	4.92	0.125	0.62	ND	0.02	0.10	MD	0.05	0.25	MD	0.03	0.15	MD
Acetonitrile	1.68	0.125	0.21	ND	0.125	0.21	ND	0.125	0.21	ND	0.125	0.21	ND
Acrolein	2.29	0.29	0.66		0.16	0.37	SQ	0.31	0.71		0.16	0.37	SQ
Acrylonitrile	2.17	0.125	0.27	ND	0.125	0.27	ND	0.125	0.27	ND	0.125	0.27	ND
Benzene	3.19	0.16	0.51		3.52	11.23		6.44	20.54		5.82	18.57	
Bromodichloromethane	6.7	0.125	0.84	ND	0.125	0.84	ND	0.125	0.84	ND	0.125	0.84	ND
Bromoform	10.34	0.125	1.29	ND	0.125	1.29	ND	0.125	1.29	ND	0.125	1.29	ND

Appendix H - Summary of VADEQ Analytical Results for Air Samples
11184 Bristol Air Site
Bristol, Virginia
February 7, 2022

Sample ID: Canister No. Location: Sample Date (beginning date): Sampling Duration: Matrix: <small>Conversion factor ppbv to µg/m³</small>		522-B-020722 522 7 2/7/2022 8 hr 41 min Air			402-B-020722 402 8 2/7/2022 8 hr 14 min Air			523-B-020722 523 9 2/7/2022 27 hr 52 min Air			401-B-020722 401 10 2/7/2022 27 hr 34 min Air		
Parameter		Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q	Result (ppbv)	Result (µg/m ³)	Q
Bromomethane	3.89	0.125	0.49	ND	0.125	0.49	ND	0.125	0.49	ND	0.125	0.49	ND
Carbon Tetrachloride	6.29	0.05	0.31	SQ	0.07	0.44	SQ	0.06	0.38	SQ	0.04	0.25	SQ
Chlorobenzene	4.61	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND	0.125	0.58	ND
Chloromethane	2.07	0.49	1.01		0.51	1.06		0.49	1.01		0.49	1.01	
Cyclohexane	3.44	0.125	0.43	ND	0.125	0.43	ND	0.125	0.43	ND	0.125	0.43	ND
Dibromochloromethane	8.52	0.125	1.07	ND	0.125	1.07	ND	0.125	1.07	ND	0.125	1.07	ND
Dichlorodifluoromethane	4.95	0.39	1.93		0.39	1.93		0.36	1.78		0.38	1.88	
Ethyl Acetate	3.6	0.125	0.45	ND	0.27	0.97		0.125	0.45	ND	0.1	0.36	SQ
Ethyl Chloride	2.64	0.125	0.33	ND	0.125	0.33	ND	0.125	0.33	ND	0.125	0.33	ND
Ethylbenzene	4.34	0.02	0.09	MD	0.29	1.26		0.69	2.99		0.52	2.26	
Freon 11	5.62	0.2	1.12		0.21	1.18		0.21	1.18		0.21	1.18	
Freon 114	6.99	0.125	0.87	ND	0.125	0.87	ND	0.125	0.87	ND	0.125	0.87	ND
Heptane	4.1	0.05	0.21	SQ	0.46	1.89		0.21	0.86		0.17	0.70	
Hexachloro-1,3-Butadiene	10.66	0.125	1.33	ND	0.125	1.33	ND	0.125	1.33	ND	0.125	1.33	ND
Hexane	3.53	0.06	0.21	SQ	0.16	0.56		0.13	0.46		0.16	0.56	
MTBE	3.61	0.125	0.45	ND	0.125	0.45	ND	0.125	0.45	ND	0.125	0.45	ND
Methyl Methacrylate	4.09	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND	0.125	0.51	ND
Methylene Chloride	3.47	0.09	0.31	MD	0.13	0.45		0.12	0.42	SQ	0.12	0.42	SQ
Propylene	1.72	0.125	0.22	ND	0.125	0.22	ND	2.52	4.33		2.29	3.94	
Styrene	4.26	0.125	0.53	ND	0.02	0.09	MD	0.07	0.30	MD	0.03	0.13	MD
Tetrachloroethylene	6.78	0.125	0.85	ND	0.125	0.85	ND	0.125	0.85	ND	0.125	0.85	ND
Tetrahydrofuran	2.95	0.125	0.37	ND	0.44	1.30		0.89	2.63		0.75	2.21	
Toluene	3.77	0.12	0.45	SQ	0.54	2.04		0.72	2.71		0.64	2.41	

Appendix H - Summary of VADEQ Analytical Results for Air Samples
11184 Bristol Air Site
Bristol, Virginia
February 7, 2022

Sample ID:		522-B-020722			402-B-020722			523-B-020722			401-B-020722		
Canister No.		522			402			523			401		
Location:		7			8			9			10		
Sample Date (beginning date):		2/7/2022			2/7/2022			2/7/2022			2/7/2022		
Sampling Duration:		8 hr 41 min			8 hr 14 min			27 hr 52 min			27 hr 34 min		
Matrix:		Air			Air			Air			Air		
		Conversion factor ppbv to $\mu\text{g}/\text{m}^3$											
Parameter		Result (ppbv)	Result ($\mu\text{g}/\text{m}^3$)	Q	Result (ppbv)	Result ($\mu\text{g}/\text{m}^3$)	Q	Result (ppbv)	Result ($\mu\text{g}/\text{m}^3$)	Q	Result (ppbv)	Result ($\mu\text{g}/\text{m}^3$)	Q
Trichloroethylene	5.37	0.14	0.75		0.05	0.27	SQ	0.09	0.48	SQ	0.06	0.32	SQ
Trichloromethane	4.88	0.125	0.61	ND	0.125	0.61	ND	0.125	0.61	ND	0.125	0.61	ND
Vinyl Chloride	2.56	0.125	0.32	ND	0.125	0.32	ND	0.125	0.32	ND	0.125	0.32	ND
cis-1,2-Dichloroethene	3.97	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND
cis-1,3-Dichloropropene	4.54	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND
m,p-Xylenes	4.34	0.05	0.22	MD	0.27	1.17		0.59	2.56		0.47	2.04	
o-Xylene	4.34	0.02	0.09	MD	0.12	0.52	SQ	0.22	0.95		0.2	0.87	
trans-1,2-Dichloroethene	3.97	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND	0.125	0.50	ND
trans-1,3-Dichloro-1-propene	4.54	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND	0.125	0.57	ND

Table 1 - Summary of VDEQ Analytical Results for Air Samples
11184 Bristol Air Site
Bristol, Virginia
February 7, 2022

Notes:

Key:

$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter

Hr = hour

ID = Identifier

Min = Minute

No. = Number

ppbv = Parts per billion volume

Q = Qualifier

Data Validation Qualifiers:

MD - Reported value less than the method detection limit (MDL). The result should be considered an estimated value.

ND - Analyte was not detected at the sample quantitation limit (SQL)/reporting limit (RL).

SQ - Result was less than the SQL but at or above the MDL. The result should be considered an estimated value.

ATTACHMENT 1

SUMMARY OF VADEQ AIR SAMPLES

Bristol Air Samples:

1. Location 1 Residence:

- 06/14/2021, 8 hour sampler (Canister # S236) - Sample start time 2315 hours. Sample stop time 2330 hours. This was supposed to be an 8 hours sample but lost vacuum. Instantaneous sample instead (15 minute total run time);
- 06/15/2021, 8 hour sampler (Canister # S215) - Sample start time 0100 hours. Sample stop time 1122 hours. Total run time 11 hours 22 minutes;
- 06/15/2021, 8 hour sampler (Canister # S158) - Sample start time 2025 hours. Sample stop time 0720 hours on 06/16. Total run time 8 hours 55 minutes;
- 06/18/2021, 24 hours sampler (Canister # S213). Sample start time 2100 hours. Sample stop time 0045 hours on 06/20. Total run time 27 hours 45 minutes.
- 06/27/2021, 8 hours sampler (Canister # 524) - Sample start time 2145 hours. Sample stop time 0632 on 06/28/21. Total run time 8 hours and 47 minutes.
- 07/16/2021, 8 hour sampler (Canister # 408) - Sample start time 2340 hours. Sample stop time 0850 hours. Total run time 9 hours 10 minutes.

2. Location 2 Utility: (36°35'19.0"N 82°09'19.9"W)

- 06/20/2021, 8 hour sampler (Canister # 521) - Sample start time 2000 hours. Sample stop time 0522 hours. Total run time 9 hours 22 minutes.
- 06/25/2021, 8 hours sampler (Canister # S172) - Sample start time 2115 hours. Sample stop time 0523 on 06/26/21. Total run time 8 hours and 8 minutes.
- 06/29/2021, 24 hour sampler (Canister # S150), Sample Start time 1845 hours. Sample stop time 0025 on 07/01/21. Total run time 29 hours 40 minutes

3. Location 3 Commercial: (36°36'10.2"N 82°09'24.7"W)

- 06/18/2021, 24 hours sampler (Canister # 533) - Sample start time 2200 hours. Sample stop time 0250 hours on 06/20/21. Total run time 28 hours 50 minutes.
- 12/15/2021, 24 hours sampler (Canister # 315, passive sampler k-7). Sample start time on 12/15/2021 at 0835 hours. Sample stop time 12/16/2021 at 1200 hours. Total run time 27 hours 25 minutes. This sample was not taken in conjunction with EPA

4. Location 4 Commercial: (36°35'36.4"N 82°09'52.3"W)

- 07/08/2021, 24 hour sampler (Canister # 402) - Sample start time 1735 hours. Sample stop time 2105 hours. Total run time 27 hours 30 minutes.
- 07/15/2021, 8 hour sampler (Canister # 401) - Sample start time 2115 hours. Sample stop time 0615 hours. Total run time 9 hours.

5. Location 5 Residential: [REDACTED]

- 07/08/2021, 8 hour sampler (Canister # S107) - Sample start time 2030 hours. Sample stop time 0545 hours. Total run time 10 hours 15 minutes.

6. Location 6 Residential: [REDACTED]

- 07/06/2021, 8 hour sampler (Canister # 542) - Sample start time 2120 hours. Sample stop time 00710 hours. Total run time 10 hours 30 minutes.
- 07/14/2021, 24 hour sampler (Canister # 405) - Sample start time 1845 hours. Sample stop time 0040 hours on 07/16/2021. Total run time 29 hours 55 minutes.
- 09/30/2021, 24 hour sampler (Canister #543, K-7 passive sampler) – Sample start time 2005 hours. Sample stop time 0145 hours on 10/02/2021. Total run time 29 hours 40 minutes. *This sample was not taken in conjunction with EPA*

7. Location 7 Residential [REDACTED]

- 10/01/2021, 24 hour sampler (Canister #522, K-8 passive sampler) – Sample start time 2008 hours. Sample stop time 0152 hours on 10/02/2021. Total run time 29 hours 44 minutes. *This sample was not taken in conjunction with EPA.*

• **Location 7 Residential** [REDACTED]
[REDACTED]

- 02/07/2022, 8 hour sampler (Canister #522, K-1 passive sampler, Sample ID 522-B-020722) – Sample start time 1548 hours on 02/07/2022. Sample stop time 0029 hours on 02/08/2022. Total run time 8 hours 41 minutes.

8. Location 8 Residential [REDACTED]

- 10/20/21, 8 hour sampler (Canister #332, K-2 passive sampler) – Sample start time 2302 hours on 10/20/21. Sample stop time 0810 hours on 10/21/21. Total run time 9 hours 8 minutes.
- 10/27/21, 8 hours sampler (Canister #542, K-4 sampler) – Sample start time 2236 hours on 10/27/21. Sample stop time 0653 hours on 10/28/21. Total run time 8 hours 17 minutes.
- 10/27/21, 8 hours sampler (Canister #S-186, K-1 sampler) – Sample start time 2256 hours on 10/27/21. Sample stop time 0803 hours on 10/28/21. Total run time 9 hours 7 minutes.
- 02/07/2022, 8 hours sample (Canister #402, K-4 passive sampler, Sample ID 402-B-020722) – Sample start time 1625 hours on 02/07/2022. Sample stop time 0039 hours on 02/08/2022. Total run time 8 hours 14 minutes.

9. Location 9 Residential

- 10/23/21, 24 hour sampler (Canister #346, K-8 passive sampler) – Sample start time 2300 hours on 10/23/2021. Sample stop time 0242 hours on 10/25/21. Total run time 27 hours 42 minutes.
- 10/27/2021, 24 hours sampler (Canister #523, K-7 Passive Sampler) – Sample start time 0920 hours on 10/27/21. Sample stop time 1235 hours on 10/28/21. Total run time 27 hours 15 minutes.
- 12/14/2021 – 24 hour sampler (Canister #302, K-8 passive sampler – Sampler start time 1230 hours on 12/14/21. Sample stop time 1449 hours on 12/15/21. Total run time 26 hours 19 minutes. *This sample was not taken in conjunction with EPA.*
- 02/07/2022 – 24 hour sampler (Canister #523, K-7 passive sampler, Sample ID 523-B-020722) – Sample start time 1640 hours on 02/07/2022. Sample stop time 2032 hours on 02/08/2022. Total run time 27 hours 52 minutes.

10. Location 10 (Highlands Juvenile Detention Center): (36°36'00.2"N 82°09'16.5"W)

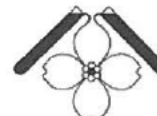
- 02/07/2022 – 24 hour sampler (Canister #401, K-8 passive sampler, Sample ID 401-B-020722) – Sample start time 1511 hours on 02/07/2022. Sample stop time 1845 hours. Total run time 27 hours 34 minutes.

ATTACHMENT 2

LABORATORY DATA SHEETS FOR VADEQ AIR SAMPLES

Commonwealth of Virginia
Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201519

Mail To

DEQ-OFFICE OF AIR PROGRAMS
4949-C COX RD
GLEN ALLEN, VA 23060

Sample Information

DATE RECEIVED	02/10/2022 13:23	PROGRAM CODE	BR
SAMPLING DATE	02/07/2022 15:30	STATION ID	BRISTOL, TN LANDFILL
COLLECTED BY	[REDACTED]	CONTAINER ID	522
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL, TN LANDFILL LOCATION #7
REPORT BDL	Y	LOCATION	BRISTOL, TN LANDFILL
		SAMPLE ID	B020722

Test Results

APPROVED BY: [REDACTED] Analyst4 DATE APPROVED: 02/25/2022

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		02/19/2022
	Identified: Propane, Acetaldehyde, Butane, Ethanol, Acetone, Isopropyl Alcohol, Pentane, Butanal, 2-Butanone.			
	Propylene	< 0.125 ppbV	43205	02/19/2022
	Dichlorodifluoromethane	0.39 ppbV	43823	02/19/2022
	Chloromethane	0.49 ppbV	43801	02/19/2022
	Freon 114	< 0.125 ppbV	43208	02/19/2022
	Vinyl Chloride	< 0.125 ppbV	43860	02/19/2022
	1,3-Butadiene	< 0.125 ppbV	43218	02/19/2022
	Bromomethane	< 0.125 ppbV	43819	02/19/2022
	Ethyl Chloride	< 0.125 ppbV	43812	02/19/2022
	Acetonitrile	< 0.125 ppbV	43702	02/19/2022
	Acrolein	0.29 ppbV	43505	02/19/2022
	Freon 11	0.20 ppbV	43811	02/19/2022
	Acrylonitrile	< 0.125 ppbV	43704	02/19/2022
	1,1-Dichloroethene	< 0.125 ppbV	43826	02/19/2022
	Methylene Chloride	0.09 ppbV	43802	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.06 ppbV	43207	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	trans-1,2-Dichloroethene	< 0.125 ppbV	43838	02/19/2022
	1,1-Dichloroethane	< 0.125 ppbV	43813	02/19/2022
	MTBE	< 0.125 ppbV	43372	02/19/2022
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	02/19/2022
	Hexane	0.06 ppbV	43231	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Trichloromethane	< 0.125 ppbV	43803	02/19/2022

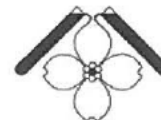
Explanation of Terms and Disclaimers

Test Results meet all requirements of NELAP. Non-NELAP accredited analyses noted by **.The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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Commonwealth of Virginia
Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201519

Test Results

APPROVED BY: [REDACTED] Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Ethyl Acetate	< 0.125 ppbV	43209	02/19/2022
	Tetrahydrofuran	< 0.125 ppbV	46401	02/19/2022
	1,2-Dichloroethane	< 0.125 ppbV	43815	02/19/2022
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	02/19/2022
	Benzene	0.16 ppbV	45201	02/19/2022
	Carbon Tetrachloride	0.05 ppbV	43804	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	< 0.125 ppbV	43248	02/19/2022
	1,2-Dichloropropane	< 0.125 ppbV	43829	02/19/2022
	Bromodichloromethane	< 0.125 ppbV	43828	02/19/2022
	Trichloroethylene	0.14 ppbV	43824	02/19/2022
	Methyl Methacrylate	< 0.125 ppbV	43441	02/19/2022
	Heptane	0.05 ppbV	43232	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	02/19/2022
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	02/19/2022
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	02/19/2022
	Toluene	0.12 ppbV	45202	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Dibromochloromethane	< 0.125 ppbV	43832	02/19/2022
	1,2-Dibromoethane	< 0.125 ppbV	43843	02/19/2022
	Tetrachloroethylene	< 0.125 ppbV	43817	02/19/2022
	Chlorobenzene	< 0.125 ppbV	45801	02/19/2022
	Ethylbenzene	0.02 ppbV	45203	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	m,p-Xylenes	0.05 ppbV	45109	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	Bromoform	< 0.125 ppbV	43806	02/19/2022
	Styrene	< 0.125 ppbV	45220	02/19/2022
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	02/19/2022
	o-Xylene	0.02 ppbV	45204	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	4-Ethyltoluene	< 0.125 ppbV	45213	02/19/2022
	1,3,5-Trimethylbenzene	< 0.125 ppbV	45207	02/19/2022
	1,2,4-Trimethylbenzene	< 0.125 ppbV	45208	02/19/2022
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	02/19/2022

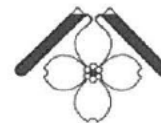
Explanation of Terms and Disclaimers

Test Results meet all requirements of NELAP. Non-NELAP accredited analyses noted by **. The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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Commonwealth of Virginia
Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201519

Test Results

APPROVED BY: [REDACTED] Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	1,4-Dichlorobenzene	< 0.250 ppbV	45807	02/19/2022
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	02/19/2022
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	02/19/2022
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	02/19/2022

Explanation of Terms and Disclaimers

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Commonwealth of Virginia
Division of Consolidated Laboratory Services

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Richmond, Virginia 23219
804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201515

Mail To

DEQ-OFFICE OF AIR PROGRAMS
4949-C COX RD
GLEN ALLEN, VA 23060

Sample Information

DATE RECEIVED	02/10/2022 13:23	PROGRAM CODE	BR
SAMPLING DATE	02/07/2022 16:25	STATION ID	BRISTOL, TN LANDFILL
COLLECTED BY	[REDACTED]	CONTAINER ID	402
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL TN LANDFILL LOCATION #8
REPORT BDL	Y	LOCATION	BRISTOL TN LANDFILL
		SAMPLE ID	B020722

Test Results

APPROVED BY: [REDACTED] Analyst4 DATE APPROVED: 02/25/2022

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15				
	Non-Target Compounds	Found		02/19/2022
	Identified: Propane, Isobutane, Butane, Ethanol, Acetone, Pentane, Dimethyl Sulfide, 1-propanol, 2-Butanone, 2,2,3,3-tetramethyl-Butane, N-propyl acetate, Nonane, Decane, p-Cymene.			
	Propylene	< 0.125 ppbV	43205	02/19/2022
	Dichlorodifluoromethane	0.39 ppbV	43823	02/19/2022
	Chloromethane	0.51 ppbV	43801	02/19/2022
	Freon 114	< 0.125 ppbV	43208	02/19/2022
	Vinyl Chloride	< 0.125 ppbV	43860	02/19/2022
	1,3-Butadiene	0.11 ppbV	43218	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Bromomethane	< 0.125 ppbV	43819	02/19/2022
	Ethyl Chloride	< 0.125 ppbV	43812	02/19/2022
	Acetonitrile	< 0.125 ppbV	43702	02/19/2022
	Acrolein	0.16 ppbV	43505	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Freon 11	0.21 ppbV	43811	02/19/2022
	Acrylonitrile	< 0.125 ppbV	43704	02/19/2022
	1,1-Dichloroethene	< 0.125 ppbV	43826	02/19/2022
	Methylene Chloride	0.13 ppbV	43802	02/19/2022
	1,1,2-Trichlorotrifluoroethane	0.06 ppbV	43207	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	trans-1,2-Dichloroethene	< 0.125 ppbV	43838	02/19/2022
	1,1-Dichloroethane	< 0.125 ppbV	43813	02/19/2022
	MTBE	< 0.125 ppbV	43372	02/19/2022
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	02/19/2022
	Hexane	0.16 ppbV	43231	02/19/2022

Explanation of Terms and Disclaimers

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Commonwealth of Virginia
Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201515

Test Results

APPROVED BY: [Redacted] Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Trichloromethane	< 0.125 ppbV	43803	02/19/2022
	Ethyl Acetate	0.27 ppbV	43209	02/19/2022
	Tetrahydrofuran	0.44 ppbV	46401	02/19/2022
	1,2-Dichloroethane	< 0.125 ppbV	43815	02/19/2022
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	02/19/2022
	Benzene	3.52 ppbV	45201	02/19/2022
	Carbon Tetrachloride	0.07 ppbV	43804	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	< 0.125 ppbV	43248	02/19/2022
	1,2-Dichloropropane	< 0.125 ppbV	43829	02/19/2022
	Bromodichloromethane	< 0.125 ppbV	43828	02/19/2022
	Trichloroethylene	0.05 ppbV	43824	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Methyl Methacrylate	< 0.125 ppbV	43441	02/19/2022
	Heptane	0.46 ppbV	43232	02/19/2022
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	02/19/2022
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	02/19/2022
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	02/19/2022
	Toluene	0.54 ppbV	45202	02/19/2022
	Dibromochloromethane	< 0.125 ppbV	43832	02/19/2022
	1,2-Dibromoethane	< 0.125 ppbV	43843	02/19/2022
	Tetrachloroethylene	< 0.125 ppbV	43817	02/19/2022
	Chlorobenzene	< 0.125 ppbV	45801	02/19/2022
	Ethylbenzene	0.29 ppbV	45203	02/19/2022
	m,p-Xylenes	0.27 ppbV	45109	02/19/2022
	Bromoform	< 0.125 ppbV	43806	02/19/2022
	Styrene	0.02 ppbV	45220	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	02/19/2022
	o-Xylene	0.12 ppbV	45204	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	4-Ethyltoluene	0.02 ppbV	45213	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3,5-Trimethylbenzene	0.03 ppbV	45207	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.07 ppbV	45208	02/19/2022

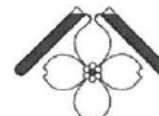
Explanation of Terms and Disclaimers

Test Results meet all requirements of NELAP. Non-NELAP accredited analyses noted by **.The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201515

Test Results

APPROVED BY: Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
---------------	------------------	---------------	------------	----------------------

EPA TO15

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

1,3-Dichlorobenzene	< 0.125 ppbV	45806	02/19/2022
1,4-Dichlorobenzene	< 0.250 ppbV	45807	02/19/2022
1,2-Dichlorobenzene	< 0.125 ppbV	45805	02/19/2022
1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	02/19/2022
Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	02/19/2022

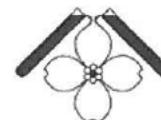
Explanation of Terms and Disclaimers

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Commonwealth of Virginia
Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201522

Mail To

DEQ-OFFICE OF AIR PROGRAMS
4949-C COX RD
GLEN ALLEN, VA 23060

Sample Information

DATE RECEIVED	02/10/2022 13:39	PROGRAM CODE	BR
SAMPLING DATE	02/07/2022 16:40	STATION ID	BRISTOL,VA LANDFILL
COLLECTED BY	[REDACTED]	CONTAINER ID	523
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL,VA LANDFILL LOCATION #9
REPORT BDL	Y	LOCATION	BRISTOL,VA LANDFILL
		SAMPLE ID	B020722

Test Results

APPROVED BY: [REDACTED] Analyst4 DATE APPROVED: 02/25/2022

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15	Non-Target Compounds	Found		02/19/2022
	Identified: Propane, Dimethyl Ether, Isobutane, Butane, Ethanol, Acetone, Dimethyl Sulfide, 2-methyl furan, 2-butanone, Pentane, Isopropyl Alcohol, 3,5-dimethylcyclopentene, Hexanal, 4-methyl-3-heptene, Octane, 2-Octene, 1,3-dimethyl Benzene, Alpha pinene, decane, D-Limonene, N-Propyl Acetate.			
	Propylene	2.52 ppbV	43205	02/19/2022
	Dichlorodifluoromethane	0.36 ppbV	43823	02/19/2022
	Chloromethane	0.49 ppbV	43801	02/19/2022
	Freon 114	< 0.125 ppbV	43208	02/19/2022
	Vinyl Chloride	< 0.125 ppbV	43860	02/19/2022
	1,3-Butadiene	< 0.125 ppbV	43218	02/19/2022
	Bromomethane	< 0.125 ppbV	43819	02/19/2022
	Ethyl Chloride	< 0.125 ppbV	43812	02/19/2022
	Acetonitrile	< 0.125 ppbV	43702	02/19/2022
	Acrolein	0.31 ppbV	43505	02/19/2022
	Freon 11	0.21 ppbV	43811	02/19/2022
	Acrylonitrile	< 0.125 ppbV	43704	02/19/2022
	1,1-Dichloroethene	< 0.125 ppbV	43826	02/19/2022
	Methylene Chloride	0.12 ppbV	43802	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,1,2-Trichlorotrifluoroethane	0.06 ppbV	43207	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	trans-1,2-Dichloroethene	< 0.125 ppbV	43838	02/19/2022
	1,1-Dichloroethane	< 0.125 ppbV	43813	02/19/2022
	MTBE	< 0.125 ppbV	43372	02/19/2022
	cis-1,2-Dichloroethene	< 0.125 ppbV	43839	02/19/2022
	Hexane	0.13 ppbV	43231	02/19/2022

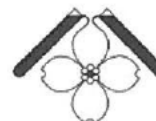
Explanation of Terms and Disclaimers

Test Results meet all requirements of NELAP. Non-NELAP accredited analyses noted by **.The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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Commonwealth of Virginia
Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022

DCLS LIMS #: E220201522

Test Results

APPROVED BY: [REDACTED] Analyst4

DATE APPROVED: 02/25/2022

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
EPA TO15				
	Trichloromethane	< 0.125 ppbV	43803	02/19/2022
	Ethyl Acetate	< 0.125 ppbV	43209	02/19/2022
	Tetrahydrofuran	0.89 ppbV	46401	02/19/2022
	1,2-Dichloroethane	< 0.125 ppbV	43815	02/19/2022
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	02/19/2022
	Benzene	6.44 ppbV	45201	02/19/2022
	2X Dilution			
	Carbon Tetrachloride	0.06 ppbV	43804	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	< 0.125 ppbV	43248	02/19/2022
	1,2-Dichloropropane	< 0.125 ppbV	43829	02/19/2022
	Bromodichloromethane	< 0.125 ppbV	43828	02/19/2022
	Trichloroethylene	0.09 ppbV	43824	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Methyl Methacrylate	< 0.125 ppbV	43441	02/19/2022
	Heptane	0.21 ppbV	43232	02/19/2022
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	02/19/2022
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	02/19/2022
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	02/19/2022
	Toluene	0.72 ppbV	45202	02/19/2022
	Dibromochloromethane	< 0.125 ppbV	43832	02/19/2022
	1,2-Dibromoethane	< 0.125 ppbV	43843	02/19/2022
	Tetrachloroethylene	< 0.125 ppbV	43817	02/19/2022
	Chlorobenzene	< 0.125 ppbV	45801	02/19/2022
	Ethylbenzene	0.69 ppbV	45203	02/19/2022
	m,p-Xylenes	0.59 ppbV	45109	02/19/2022
	Bromoform	< 0.125 ppbV	43806	02/19/2022
	Styrene	0.07 ppbV	45220	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	02/19/2022
	o-Xylene	0.22 ppbV	45204	02/19/2022
	4-Ethyltoluene	0.05 ppbV	45213	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3,5-Trimethylbenzene	0.07 ppbV	45207	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	1,2,4-Trimethylbenzene	0.16 ppbV	45208	02/19/2022
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	02/19/2022

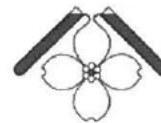
Explanation of Terms and Disclaimers

Test Results meet all requirements of NELAP. Non-NELAP accredited analyses noted by **. The results included on this report relate only to this specific sample and not to other samples tested from this sampling location.

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Commonwealth of Virginia
Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201522

Test Results

APPROVED BY: [REDACTED] Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	1,4-Dichlorobenzene	< 0.250 ppbV	45807	02/19/2022
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	02/19/2022
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	02/19/2022
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	02/19/2022

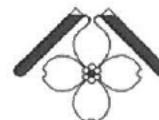
Explanation of Terms and Disclaimers

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Division of Consolidated Laboratory Services

600 North 5th St.
Richmond, Virginia 23219
804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201520

Mail To

DEQ-OFFICE OF AIR PROGRAMS
4949-C COX RD
GLEN ALLEN, VA 23060

Sample Information

DATE RECEIVED	02/10/2022 13:39	PROGRAM CODE	BR
SAMPLING DATE	02/07/2022 15:11	STATION ID	BRISTOL, VA LANDFILL
COLLECTED BY	[REDACTED]	CONTAINER ID	401
SAMPLE MATRIX	Air	REGION CODE	404
ORDERED TEST	TO15	STATION LOCATION	BRISTOL, VA LANDFILL LOCATION #10
REPORT BDL	Y	LOCATION	BRISTOL, VA LANDFILL
		SAMPLE ID	B020722

Test Results

APPROVED BY: [REDACTED] Analyst4 DATE APPROVED: 02/25/2022

METHOD	PARAMETER	RESULT	AQS	ANALYSIS DATE
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EPA TO15

Non-Target Compounds

Found

02/19/2022

Identified: Propane, Isobutane, Butane, Ethanol, Acetone, Dimethyl Sulfide, 2-methyl propanol, Isopropyl Alcohol,
2-butanone, 2,4-dimethyl-3-pentanone, Octane, Alpha pinene, nonane, decane, p-Cymene

Propylene	2.29 ppbV	43205	02/19/2022
Dichlorodifluoromethane	0.38 ppbV	43823	02/19/2022
Chloromethane	0.49 ppbV	43801	02/19/2022
Freon 114	< 0.125 ppbV	43208	02/19/2022
Vinyl Chloride	< 0.125 ppbV	43860	02/19/2022
1,3-Butadiene	< 0.125 ppbV	43218	02/19/2022
Bromomethane	< 0.125 ppbV	43819	02/19/2022
Ethyl Chloride	< 0.125 ppbV	43812	02/19/2022
Acetonitrile	< 0.125 ppbV	43702	02/19/2022
Acrolein	0.16 ppbV	43505	02/19/2022

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

Freon 11	0.21 ppbV	43811	02/19/2022
Acrylonitrile	< 0.125 ppbV	43704	02/19/2022
1,1-Dichloroethene	< 0.125 ppbV	43826	02/19/2022
Methylene Chloride	0.12 ppbV	43802	02/19/2022

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

1,1,2-Trichlorotrifluoroethane	0.06 ppbV	43207	02/19/2022
--------------------------------	-----------	-------	------------

PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.

trans-1,2-Dichloroethene	< 0.125 ppbV	43838	02/19/2022
1,1-Dichloroethane	< 0.125 ppbV	43813	02/19/2022
MTBE	< 0.125 ppbV	43372	02/19/2022
cis-1,2-Dichloroethene	< 0.125 ppbV	43839	02/19/2022

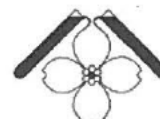
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DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201520

Test Results

APPROVED BY: [REDACTED] Analyst4 DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>				
	Hexane	0.16 ppbV	43231	02/19/2022
	Trichloromethane	< 0.125 ppbV	43803	02/19/2022
	Ethyl Acetate	0.10 ppbV	43209	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Tetrahydrofuran	0.75 ppbV	46401	02/19/2022
	1,2-Dichloroethane	< 0.125 ppbV	43815	02/19/2022
	1,1,1-Trichloroethane	< 0.125 ppbV	43814	02/19/2022
	Benzene	5.82 ppbV	45201	02/19/2022
	2x dilution			
	Carbon Tetrachloride	0.04 ppbV	43804	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Cyclohexane	< 0.125 ppbV	43248	02/19/2022
	1,2-Dichloropropane	< 0.125 ppbV	43829	02/19/2022
	Bromodichloromethane	< 0.125 ppbV	43828	02/19/2022
	Trichloroethylene	0.06 ppbV	43824	02/19/2022
	PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.			
	Methyl Methacrylate	< 0.125 ppbV	43441	02/19/2022
	Heptane	0.17 ppbV	43232	02/19/2022
	cis-1,3-Dichloropropene	< 0.125 ppbV	43831	02/19/2022
	trans-1,3-Dichloro-1-propene	< 0.125 ppbV	43830	02/19/2022
	1,1,2-Trichloroethane	< 0.125 ppbV	43820	02/19/2022
	Toluene	0.64 ppbV	45202	02/19/2022
	Dibromochloromethane	< 0.125 ppbV	43832	02/19/2022
	1,2-Dibromoethane	< 0.125 ppbV	43843	02/19/2022
	Tetrachloroethylene	< 0.125 ppbV	43817	02/19/2022
	Chlorobenzene	< 0.125 ppbV	45801	02/19/2022
	Ethylbenzene	0.52 ppbV	45203	02/19/2022
	m,p-Xylenes	0.47 ppbV	45109	02/19/2022
	Bromoform	< 0.125 ppbV	43806	02/19/2022
	Styrene	0.03 ppbV	45220	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,1,2,2-Tetrachloroethane	< 0.125 ppbV	43818	02/19/2022
	o-Xylene	0.20 ppbV	45204	02/19/2022
	4-Ethyltoluene	0.03 ppbV	45213	02/19/2022
	PARAMETER QUALIFIER: Value less than MDL; A result reported below the MDL should be considered an estimated value.			
	1,3,5-Trimethylbenzene	0.06 ppbV	45207	02/19/2022

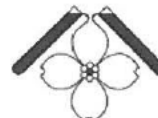
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804-648-4480



DCLS

NELAC ID: VA010

REPORT OF ANALYSIS

Report Date: 02/25/2022
DCLS LIMS #: E220201520

Test Results

APPROVED BY: [REDACTED] Analyst4

DATE APPROVED: 02/25/2022

<u>METHOD</u>	<u>PARAMETER</u>	<u>RESULT</u>	<u>AQS</u>	<u>ANALYSIS DATE</u>
<u>EPA TO15</u>	<i>PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.</i>			
	1,2,4-Trimethylbenzene	0.12 ppbV	45208	02/19/2022
	<i>PARAMETER QUALIFIER: Value between SQL and MDL; A result reported below the reporting level should be considered an estimated value.</i>			
	1,3-Dichlorobenzene	< 0.125 ppbV	45806	02/19/2022
	1,4-Dichlorobenzene	< 0.250 ppbV	45807	02/19/2022
	1,2-Dichlorobenzene	< 0.125 ppbV	45805	02/19/2022
	1,2,4-Trichlorobenzene	< 0.250 ppbV	45810	02/19/2022
	Hexachloro-1,3-Butadiene	< 0.125 ppbV	43844	02/19/2022

Explanation of Terms and Disclaimers

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ATTACHMENT 3

FINAL ANALYTICAL REPORT – DAS R36074



Final Analytical Report

Site Name.....	11184 BRISTOL AIR
Sample Collection Date(s).....	1/25/2022 - 2/8/2022
Contact	Myles Bartos
Report Date.....	03/18/2022 10:09
Project #.....	DAS R36074
Work Order.....	2201021

Analyses included in this report:

VOCs by EPA TO-15, SIM by EPA

VOCs by EPA TO-15, TO-15 list

Approved for Release



Region 3 Laboratory Representative



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

Report Narrative

VOC Air Analysis Note:

This report provides reporting units in ug/m3 and ppbv. Slight rounding errors will occur in the Electronic Data Deliverable (EDD).

All samples from this project were initially analyzed by full scan for all TO-15 compounds list to assess whether further analyses by SIM are warranted for acrolein and benzene. Since acrolein was not detected in any samples from the full scan analyses, all samples were analyzed by SIM as well. Results obtained from SIM analyses indicated that acrolein was not detected in any samples. Benzene was detected below the quantitation limit in samples 2201021-06 and 2201021-13 from the full scan analyses; therefore, the results for benzene are reported from the SIM analyses.

The percent differences (%Ds) for 2-hexanone and naphthalene in the second source verification standard were outside the upper QC limits due to low responses. The (L) qualifier for naphthalene in sample 2201021-02 is superseded by (J). The quantitation limits for these two compounds are qualified as biased low (UL) for all other samples and blanks.

The percent recovery for benzene in the matrix spike analysis of sample 2201021-01 was outside the lower QC limit. The percent recoveries for propene, chloromethane, dichlorodifluoromethane, vinyl chloride, 1,3-butadiene, ethanol, acetone and benzene are outside the lower QC limits in the matrix spike duplicate analysis of sample 2201021-01. Since 1,3-butadiene and vinyl chloride were not detected, the quantitation limits for these two analytes are qualified as biased low (UL). Results reported for propene, chloromethane, ethanol, acetone, and benzene are qualified as biased low (L). The (L) qualifier for dichlorodifluoromethane is superseded by (J).

2201021 Final Report DAS R36074 03/18/2022



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Matrix	Date Sampled Begin	Date Sampled End	Date Received
LOC10-AA-01	2201021-01	Air	1/24/22 16:47	01/25/2022 10:47	01/31/2022 07:15
LOC08 AA 04	2201021-02	Air	1/24/22 18:13	01/25/2022 11:10	01/31/2022 07:15
LOC09-AA-02	2201021-03	Air	1/24/22 17:23	01/25/2022 12:17	01/31/2022 07:15
LOC07-AA-03	2201021-04	Air	1/24/22 17:47	01/25/2022 12:00	01/31/2022 07:15
LOC07-AA-07	2201021-05	Air	1/25/22 16:03	01/26/2022 10:27	01/31/2022 07:15
LOC08-AA-08	2201021-06	Air	1/25/22 16:28	01/26/2022 10:46	01/31/2022 07:15
LOC10-AA-05	2201021-07	Air	1/25/22 15:24	01/26/2022 10:04	01/31/2022 07:15
LOC09-AA-06	2201021-08	Air	1/25/22 16:41	01/26/2022 12:06	01/31/2022 07:15
LOC09-AA-09	2201021-09	Air	2/07/22 16:40	02/08/2022 10:33	02/10/2022 11:25
LOC09-AA-10	2201021-10	Air	2/07/22 16 40	02/08/2022 10:33	02/10/2022 11 25
LOC08-AA-13	2201021-11	Air	2/07/22 16:25	02/08/2022 11:11	02/10/2022 11:25
LOC10-AA-11	2201021-12	Air	2/07/22 15:11	02/08/2022 11 55	02/14/2022 07:30
LOC07-AA-12	2201021-13	Air	2/07/22 15:48	02/08/2022 10:54	02/14/2022 07:30

USEPA

DateShipped: 1/26/2022

CarrierName: FedEx

AirbillNo: 7758 6265 0465

CHAIN OF CUSTODY RECORD

Site #: B3AR

DAS #: R36074

Cooler #: 1

No: 3-012522-175400-0005

Lab: EPA Region 3 LTSB

Lab Address: 701 Mapes Road

Lab Contact: [REDACTED]

Lab #	Sample #	CLP Sample #	Tag	Analyses	TAT	Matrix	Container	OrificeID	Start Pressure	Stop Pressure	Sampler	Start Date	Start Time	Stop Date	Stop Time
2201021-01	LOC10-AA-01	C0AA0	1000	VOC by TO-15	14	Air	41809	2569	-29	-6	START	1/24/2022	4:47:00 PM	1/25/2022	10:47:00 AM
-02	LOC08-AA-04	C0AA3	1003	VOC by TO-15	14	Air	41831	04948	-28	-6	START	1/24/2022	6:13:00 PM	1/25/2022	11:10:00 AM

Special Instructions:

Samples: [REDACTED]

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[REDACTED] / Tetra Seal	1/24/21/1600	[REDACTED] SAT	1/31/22 07:15	No temp blank. [REDACTED] 1/31/22

DateShipped: 1/26/2022
CarrierName: FedEx
AirbillNo: 7758 6296 2765


CHAIN OF CUSTODY RECORD




Site #: B3AR
DAS #: R36074
Cooler #: 2

No: 3-012522-181130-0006

Lab: EPA Region 3 LTSB
Lab Address: 701 Mapes Road
Lab Contact: [REDACTED]

[illegible]

Special Instructions: <i>Sage</i> 	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	 Tetra Tech	1-25/22/1600	 ESAT	1/31/22 07:15	No temp blank.  1/31/22

DateShipped: 1/26/2022
CarrierName: FedEx
AirbillNo: 7758 7887 6448

CHAIN OF CUSTODY RECORD




Site #: B3AR
DAS #: R36074
Cooler #: 3

No: 3-012622-151708-0007

Lab: EPA Region 3 LTSB
Lab Address: 701 Mapes Road
Lab Contact: [REDACTED]

[illegible]

Special Instructions:		SAMPLES TRANSFERRED FROM
		CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	 Tetra Seal	1/26/22 ¹⁶⁰⁰	 SAT	1/31/22 07:15	No temp blank.  1/31/22

AirbillNo: 7758 7908 0353


CHAIN OF CUSTODY RECORD

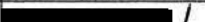


Site #: B3AR
DAS #: R36074
Cooler #: 4

No: 3-012622-152324-0008

Lab: EPA Region 3 LTSB
Lab Address: 701 Mapes Road
Lab Contact: [REDACTED]

[illegible]

Special Instructions: 	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	 Tetra Seal	1-26-22 1600	 ESAT	1/31/22 07:15	No temp blank.  1/31/22

DateShipped: 2/8/2022
CarrierName: FedEx
AirbillNo: 7759 8588 8560


CHAIN OF CUSTODY RECORD

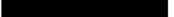
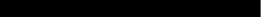

Site #: B3AR
DAS #: R36074
Cooler #: 1

No: 3-020822-134211-0009

Lab: EPA Region 3 LTSP
Lab Address: 701 Mapes Road
Lab Contact: [REDACTED]

[illegible]

Special Instructions: <i>Sample 1</i> 	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	 / Tetra Tech	2/8/22/1630	 ESAT	2/10/22 11:25	No Temp  Blank 2/10/22




AirbillNo: 7759 8601 1520

Cooler #: 2

Lab Contact:

1201022	
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Special Instructions: *Sampler*.

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	 (Tetra Tech)	2-8-22 / 1630	 SAT	2/14/22 07:30	No temp blank.  2/14/22



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC10-AA-01**Lab ID:** 2201021-01**Sample Matrix:** Air**Date Collected:** 01/25/2022

Volatile Organic Compounds

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/09/2022 17:12	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	1.99		100 % 80-120	02/08/20	02/09/2022 17:12	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	28.3	11.8	0.5	L	1	02/02/2022 16:41	TO-15/R3QA230
Benzene	87.0	27.0	1.0	L	2	02/02/2022 17:32	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
1,3-Butadiene	U	U	0.5	UL	1	02/02/2022 16:41	TO-15/R3QA230
2-Butanone	15.7	5.3	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Chloromethane	1.6	0.7	0.5	L	1	02/02/2022 16:41	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC10-AA-01**Lab ID:** 2201021-01**Sample Matrix:** Air**Date Collected:** 01/25/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	1.9	0.4	0.5	J	1	02/02/2022 16:41	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
1,4-Dioxane	1.3	0.3	0.5	J	1	02/02/2022 16:41	TO-15/R3QA230
Ethanol	25.9	13.6	0.5	L	1	02/02/2022 16:41	TO-15/R3QA230
Ethyl Acetate	0.7	0.2	0.5	J	1	02/02/2022 16:41	TO-15/R3QA230
Ethylbenzene	11.3	2.6	0.5		1	02/02/2022 16:41	TO-15/R3QA230
4-Ethyltoluene	2.4	0.5	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Heptane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Hexane	1.2	0.3	0.5	J	1	02/02/2022 16:41	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/02/2022 16:41	TO-15/R3QA230
Isopropyl alcohol	14.5	5.9	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
4-Methyl-2-pentanone	0.8	0.2	0.5	J	1	02/02/2022 16:41	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Naphthalene	U	U	0.5	UL	1	02/02/2022 16:41	TO-15/R3QA230
Propylene	10.5	6.1	0.5	L	1	02/02/2022 16:41	TO-15/R3QA230
Styrene	1.4	0.3	0.5	J	1	02/02/2022 16:41	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Tetrahydrofuran	9.7	3.2	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Toluene	9.4	2.5	0.5		1	02/02/2022 16:41	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC10-AA-01**Lab ID:** 2201021-01**Sample Matrix:** Air**Date Collected:** 01/25/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
1,1,2-Trichloroethane	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Trichlorofluoromethane	1.5	0.3	0.5	J	1	02/02/2022 16:41	TO-15/R3QA230
1,2,4-Trimethylbenzene	2.8	0.6	0.5		1	02/02/2022 16:41	TO-15/R3QA230
1,3,5-Trimethylbenzene	1.1	0.2	0.5	J	1	02/02/2022 16:41	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/02/2022 16:41	TO-15/R3QA230
Vinyl chloride	U	U	0.5	UL	1	02/02/2022 16:41	TO-15/R3QA230
m,p-Xylene	9.6	2.2	1.0		1	02/02/2022 16:41	TO-15/R3QA230
o-Xylene	3.2	0.7	0.5		1	02/02/2022 16:41	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	9.68		97 %	80-120	02/02/20	02/02/2022 16:41	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC08-AA-04**Lab ID:** 2201021-02**Sample Matrix:** Air**Date Collected:** 01/25/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/09/2022 15:22	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	1.87		94 % 80-120	02/08/20	02/09/2022 15:22	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	22.1	9.2	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Benzene	57.0	17.7	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
2-Butanone	10.9	3.7	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Chloromethane	1.6	0.8	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Cyclohexane	0.6	0.2	0.5	J	1	02/02/2022 10:19	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC08-AA-04**Lab ID:** 2201021-02**Sample Matrix:** Air**Date Collected:** 01/25/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	1.8	0.4	0.5	J	1	02/02/2022 10:19	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
1,4-Dioxane	0.6	0.2	0.5	J	1	02/02/2022 10:19	TO-15/R3QA230
Ethanol	28.4	14.9	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Ethyl Acetate	1.0	0.3	0.5	J	1	02/02/2022 10:19	TO-15/R3QA230
Ethylbenzene	7.3	1.7	0.5		1	02/02/2022 10:19	TO-15/R3QA230
4-Ethyltoluene	1.6	0.3	0.5	J	1	02/02/2022 10:19	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Heptane	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Hexane	1.5	0.4	0.5	J	1	02/02/2022 10:19	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/02/2022 10:19	TO-15/R3QA230
Isopropyl alcohol	11.9	4.8	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Methylene Chloride	0.8	0.2	0.5	J	1	02/02/2022 10:19	TO-15/R3QA230
Naphthalene	1.3	0.2	0.5	J	1	02/02/2022 10:19	TO-15/R3QA230
Propylene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Styrene	1.9	0.4	0.5	J	1	02/02/2022 10:19	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Tetrahydrofuran	6.0	2.0	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Toluene	10.0	2.6	0.5		1	02/02/2022 10:19	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC08-AA-04**Lab ID:** 2201021-02**Sample Matrix:** Air**Date Collected:** 01/25/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
1,1,2-Trichloroethane	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Trichlorofluoromethane	1.4	0.2	0.5	J	1	02/02/2022 10:19	TO-15/R3QA230
1,2,4-Trimethylbenzene	1.9	0.4	0.5	J	1	02/02/2022 10:19	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	02/02/2022 10:19	TO-15/R3QA230
m,p-Xylene	7.3	1.7	1.0		1	02/02/2022 10:19	TO-15/R3QA230
o-Xylene	2.5	0.6	0.5		1	02/02/2022 10:19	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate Bromofluorobenzene</i>	10.0		100 %	80-120	02/02/20	02/02/2022 10:19	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC09-AA-02**Lab ID:** 2201021-03**Sample Matrix:** Air**Date Collected:** 01/25/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/09/2022 16:17	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	1.98		99 % 80-120	02/08/20	02/09/2022 16:17	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	28.6	12.0	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Benzene	85.8	26.6	1.0		2	02/15/2022 17:46	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
2-Butanone	17.6	5.9	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Chloromethane	1.6	0.8	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC09-AA-02**Lab ID:** 2201021-03**Sample Matrix:** Air**Date Collected:** 01/25/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	1.6	0.3	0.5	J	1	02/02/2022 11:14	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
1,4-Dioxane	1.4	0.4	0.5	J	1	02/02/2022 11:14	TO-15/R3QA230
Ethanol	26.8	14.1	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Ethyl Acetate	0.9	0.3	0.5	J	1	02/02/2022 11:14	TO-15/R3QA230
Ethylbenzene	12.3	2.8	0.5		1	02/02/2022 11:14	TO-15/R3QA230
4-Ethyltoluene	2.5	0.5	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Heptane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Hexane	1.0	0.3	0.5	J	1	02/02/2022 11:14	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/02/2022 11:14	TO-15/R3QA230
Isopropyl alcohol	14.0	5.7	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
4-Methyl-2-pentanone	0.8	0.2	0.5	J	1	02/02/2022 11:14	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Naphthalene	U	U	0.5	UL	1	02/02/2022 11:14	TO-15/R3QA230
Propylene	11.1	6.4	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Styrene	1.8	0.4	0.5	J	1	02/02/2022 11:14	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Tetrahydrofuran	10.4	3.5	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Toluene	11.2	2.9	0.5		1	02/02/2022 11:14	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230



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701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC09-AA-02**Lab ID:** 2201021-03**Sample Matrix:** Air**Date Collected:** 01/25/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
1,1,2-Trichloroethane	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Trichlorofluoromethane	1.3	0.2	0.5	J	1	02/02/2022 11:14	TO-15/R3QA230
1,2,4-Trimethylbenzene	3.1	0.6	0.5		1	02/02/2022 11:14	TO-15/R3QA230
1,3,5-Trimethylbenzene	1.2	0.2	0.5	J	1	02/02/2022 11:14	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	02/02/2022 11:14	TO-15/R3QA230
m,p-Xylene	9.8	2.2	1.0		1	02/02/2022 11:14	TO-15/R3QA230
o-Xylene	3.4	0.8	0.5		1	02/02/2022 11:14	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	9.91		99 %	80-120	02/02/20	02/02/2022 11:14	TO-15/R3QA230



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Environmental Science Center
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701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC07-AA-03**Lab ID:** 2201021-04**Sample Matrix:** Air**Date Collected:** 01/25/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/09/2022 14:27	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	1.80		90 % 80-120	02/08/20	02/09/2022 14:27	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	6.9	2.9	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Benzene	2.7	0.8	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
2-Butanone	1.3	0.4	0.5	J	1	02/02/2022 12:09	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Chloromethane	1.2	0.6	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230



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Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC07-AA-03**Lab ID:** 2201021-04**Sample Matrix:** Air**Date Collected:** 01/25/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	1.6	0.3	0.5	J	1	02/02/2022 12:09	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Ethanol	14.7	7.8	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Heptane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Hexane	0.6	0.2	0.5	J	1	02/02/2022 12:09	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/02/2022 12:09	TO-15/R3QA230
Isopropyl alcohol	4.2	1.7	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Naphthalene	U	U	0.5	UL	1	02/02/2022 12:09	TO-15/R3QA230
Propylene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Styrene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Toluene	2.9	0.8	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC07-AA-03**Lab ID:** 2201021-04**Sample Matrix:** Air**Date Collected:** 01/25/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.1	0.2	0.5	J	1	02/02/2022 12:09	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230
m,p-Xylene	1.3	0.3	1.0	J	1	02/02/2022 12:09	TO-15/R3QA230
o-Xylene	U	U	0.5		1	02/02/2022 12:09	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	9.57		96 %	80-120	02/02/20	02/02/2022 12:09	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC07-AA-07**Lab ID:** 2201021-05**Sample Matrix:** Air**Date Collected:** 01/26/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/09/2022 13:33	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	1.74		87 % 80-120	02/08/20	02/09/2022 13:33	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	5.2	2.2	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Benzene	2.1	0.6	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
2-Butanone	0.9	0.3	0.5	J	1	02/02/2022 13:04	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Chloromethane	1.4	0.7	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230



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701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC07-AA-07**Lab ID:** 2201021-05**Sample Matrix:** Air**Date Collected:** 01/26/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	1.8	0.4	0.5	J	1	02/02/2022 13:04	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Ethanol	8.5	4.5	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Heptane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Hexane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/02/2022 13:04	TO-15/R3QA230
Isopropyl alcohol	3.7	1.5	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Naphthalene	U	U	0.5	UL	1	02/02/2022 13:04	TO-15/R3QA230
Propylene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Styrene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Toluene	1.6	0.4	0.5	J	1	02/02/2022 13:04	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230



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Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC07-AA-07**Lab ID:** 2201021-05**Sample Matrix:** Air**Date Collected:** 01/26/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.2	0.2	0.5	J	1	02/02/2022 13:04	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	02/02/2022 13:04	TO-15/R3QA230
o-Xylene	U	U	0.5		1	02/02/2022 13:04	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	9.51		95 %	80-120	02/02/20	02/02/2022 13:04	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC08-AA-08**Lab ID:** 2201021-06**Sample Matrix:** Air**Date Collected:** 01/26/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/08/2022 13:44	TO-15 SIM/R3QA230
Benzene	0.7	0.2	0.02		1	02/08/2022 13:44	TO 15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate Bromofluorobenzene 1.74 **87 %** 80-120 02/08/20 02/08/2022 13:44 TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	3.3	1.4	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
2-Butanone	0.5	0.2	0.5	J	1	02/02/2022 13:59	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Chloromethane	1.3	0.6	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC08-AA-08**Lab ID:** 2201021-06**Sample Matrix:** Air**Date Collected:** 01/26/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	1.8	0.4	0.5	J	1	02/02/2022 13:59	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Ethanol	3.5	1.8	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
4 Ethyltoluene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Heptane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Hexane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/02/2022 13:59	TO-15/R3QA230
Isopropyl alcohol	2.9	1.2	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Naphthalene	U	U	0.5	UL	1	02/02/2022 13:59	TO-15/R3QA230
Propylene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Styrene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Toluene	1.9	0.5	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC08-AA-08**Lab ID:** 2201021-06**Sample Matrix:** Air**Date Collected:** 01/26/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.3	0.2	0.5	J	1	02/02/2022 13:59	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	02/02/2022 13:59	TO-15/R3QA230
o-Xylene	U	U	0.5		1	02/02/2022 13:59	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	9.46		95 %	80-120	02/02/20	02/02/2022 13:59	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC10-AA-05**Lab ID:** 2201021-07**Sample Matrix:** Air**Date Collected:** 01/26/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/08/2022 12:50	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	1.77		88 % 80-120	02/08/20	02/08/2022 12:50	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	3.4	1.4	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Benzene	1.7	0.5	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
2-Butanone	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Chloromethane	1.3	0.6	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Dichlorodifluoromethane	1.8	0.4	0.5	J	1	02/02/2022 14:52	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC10-AA-05**Lab ID:** 2201021-07**Sample Matrix:** Air**Date Collected:** 01/26/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
1,1-Dichloroethane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Ethanol	2.1	1.1	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Heptane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Hexane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/02/2022 14:52	TO-15/R3QA230
Isopropyl alcohol	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Naphthalene	U	U	0.5	UL	1	02/02/2022 14:52	TO-15/R3QA230
Propylene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Styrene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Toluene	1.3	0.3	0.5	J	1	02/02/2022 14:52	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Trichlorofluoromethane	1.2	0.2	0.5	J	1	02/02/2022 14:52	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC10-AA-05**Lab ID:** 2201021-07**Sample Matrix:** Air**Date Collected:** 01/26/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
1,2,4-Trimethylbenzene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	02/02/2022 14:52	TO-15/R3QA230
o-Xylene	U	U	0.5		1	02/02/2022 14:52	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	9.14		91 %	80-120	02/02/20	02/02/2022 14:52	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC09-AA-06**Lab ID:** 2201021-08**Sample Matrix:** Air**Date Collected:** 01/26/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/08/2022 14:39	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	1.93		96 % 80-120	02/08/20	02/08/2022 14:39	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	4.4	1.8	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Benzene	2.2	0.7	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
2-Butanone	0.8	0.3	0.5	J	1	02/02/2022 15:47	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Chloromethane	1.3	0.6	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230



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701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC09-AA-06**Lab ID:** 2201021-08**Sample Matrix:** Air**Date Collected:** 01/26/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	1.7	0.4	0.5	J	1	02/02/2022 15:47	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Ethanol	12.0	6.3	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Heptane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Hexane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/02/2022 15:47	TO-15/R3QA230
Isopropyl alcohol	4.4	1.8	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Naphthalene	U	U	0.5	UL	1	02/02/2022 15:47	TO-15/R3QA230
Propylene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Styrene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Toluene	1.1	0.3	0.5	J	1	02/02/2022 15:47	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230



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Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC09-AA-06**Lab ID:** 2201021-08**Sample Matrix:** Air**Date Collected:** 01/26/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.2	0.2	0.5	J	1	02/02/2022 15:47	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	02/02/2022 15:47	TO-15/R3QA230
o-Xylene	U	U	0.5		1	02/02/2022 15:47	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	9.28		93 %	80-120	02/02/20	02/02/2022 15:47	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC09-AA-09**Lab ID:** 2201021-09**Sample Matrix:** Air**Date Collected:** 02/08/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/16/2022 11:07	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	1.94		97 % 80-120	02/16/20	02/16/2022 11:07	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	15.0	6.3	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Benzene	36.6	11.4	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
2-Butanone	6.2	2.1	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Chloromethane	1.4	0.7	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC09-AA-09**Lab ID:** 2201021-09**Sample Matrix:** Air**Date Collected:** 02/08/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	1.8	0.4	0.5	J	1	02/15/2022 13:17	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Ethanol	17.7	9.3	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Ethylbenzene	4.7	1.1	0.5		1	02/15/2022 13:17	TO-15/R3QA230
4-Ethyltoluene	1.0	0.2	0.5	J	1	02/15/2022 13:17	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Heptane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Hexane	0.8	0.2	0.5	J	1	02/15/2022 13:17	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/15/2022 13:17	TO-15/R3QA230
Isopropyl alcohol	10.0	4.0	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Naphthalene	U	U	0.5	UL	1	02/15/2022 13:17	TO-15/R3QA230
Propylene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Styrene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Tetrahydrofuran	3.6	1.2	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Toluene	5.0	1.3	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230



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Region 3 Laboratory
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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC09-AA-09**Lab ID:** 2201021-09**Sample Matrix:** Air**Date Collected:** 02/08/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichloroethene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Trichlorofluoromethane	1.3	0.2	0.5	J	1	02/15/2022 13:17	TO-15/R3QA230
1,2,4-Trimethylbenzene	1.2	0.2	0.5	J	1	02/15/2022 13:17	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	02/15/2022 13:17	TO-15/R3QA230
m,p-Xylene	4.2	1.0	1.0		1	02/15/2022 13:17	TO-15/R3QA230
o-Xylene	1.4	0.3	0.5	J	1	02/15/2022 13:17	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate Bromofluorobenzene</i>	9.30		93 %	80-120	02/15/20	02/15/2022 13:17	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC09-AA-10**Lab ID:** 2201021-10**Sample Matrix:** Air**Date Collected:** 02/08/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/16/2022 12:03	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	1.94		97 % 80-120	02/16/20	02/16/2022 12:03	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	15.3	6.4	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Benzene	33.2	10.3	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
2-Butanone	6.9	2.3	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Chloromethane	1.4	0.7	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC09-AA-10**Lab ID:** 2201021-10**Sample Matrix:** Air**Date Collected:** 02/08/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	1.8	0.4	0.5	J	1	02/15/2022 14:11	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Ethanol	16.0	8.4	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Ethyl Acetate	0.7	0.2	0.5	J	1	02/15/2022 14:11	TO-15/R3QA230
Ethylbenzene	4.8	1.1	0.5		1	02/15/2022 14:11	TO-15/R3QA230
4-Ethyltoluene	1.1	0.2	0.5	J	1	02/15/2022 14:11	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Heptane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Hexane	0.8	0.2	0.5	J	1	02/15/2022 14:11	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/15/2022 14:11	TO-15/R3QA230
Isopropyl alcohol	9.3	3.7	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Naphthalene	U	U	0.5	UL	1	02/15/2022 14:11	TO-15/R3QA230
Propylene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Styrene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Tetrahydrofuran	3.8	1.3	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Toluene	5.3	1.4	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC09-AA-10**Lab ID:** 2201021-10**Sample Matrix:** Air**Date Collected:** 02/08/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichloroethene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Trichlorofluoromethane	1.3	0.2	0.5	J	1	02/15/2022 14:11	TO-15/R3QA230
1,2,4-Trimethylbenzene	1.3	0.3	0.5	J	1	02/15/2022 14:11	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	02/15/2022 14:11	TO-15/R3QA230
m,p-Xylene	4.3	1.0	1.0		1	02/15/2022 14:11	TO-15/R3QA230
o-Xylene	1.4	0.3	0.5	J	1	02/15/2022 14:11	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate Bromofluorobenzene</i>	9.24		92 %	80-120	02/15/20	02/15/2022 14:11	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC08-AA-13**Lab ID:** 2201021-11**Sample Matrix:** Air**Date Collected:** 02/08/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/16/2022 13:00	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	1.91		96 % 80-120	02/16/20	02/16/2022 13:00	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	11.4	4.8	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Benzene	24.0	7.5	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
2-Butanone	4.9	1.7	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Chloromethane	1.3	0.6	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC08-AA-13**Lab ID:** 2201021-11**Sample Matrix:** Air**Date Collected:** 02/08/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	1.9	0.4	0.5	J	1	02/15/2022 15:06	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Dichlorotetrafluoroethane	2.7	0.4	0.5	J	1	02/15/2022 15:06	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Ethanol	22.5	11.8	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Ethyl Acetate	0.9	0.2	0.5	J	1	02/15/2022 15:06	TO-15/R3QA230
Ethylbenzene	3.3	0.7	0.5		1	02/15/2022 15:06	TO-15/R3QA230
4-Ethyltoluene	0.9	0.2	0.5	J	1	02/15/2022 15:06	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Heptane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Hexane	0.9	0.3	0.5	J	1	02/15/2022 15:06	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/15/2022 15:06	TO-15/R3QA230
Isopropyl alcohol	4.4	1.8	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Naphthalene	U	U	0.5	UL	1	02/15/2022 15:06	TO-15/R3QA230
Propylene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Styrene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Tetrahydrofuran	2.5	0.8	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Toluene	4.1	1.1	0.5		1	02/15/2022 15:06	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC08-AA-13**Lab ID:** 2201021-11**Sample Matrix:** Air**Date Collected:** 02/08/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichloroethene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Trichlorofluoromethane	1.3	0.2	0.5	J	1	02/15/2022 15:06	TO-15/R3QA230
1,2,4-Trimethylbenzene	1.0	0.2	0.5	J	1	02/15/2022 15:06	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	02/15/2022 15:06	TO-15/R3QA230
m,p-Xylene	3.5	0.8	1.0	J	1	02/15/2022 15:06	TO-15/R3QA230
o-Xylene	1.2	0.3	0.5	J	1	02/15/2022 15:06	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate</i> Bromofluorobenzene	9.35		94 %	80-120	02/15/20	02/15/2022 15:06	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC10-AA-11**Lab ID:** 2201021-12**Sample Matrix:** Air**Date Collected:** 02/08/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/16/2022 13:55	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	1.91		96 % 80-120	02/16/20	02/16/2022 13:55	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	13.8	5.7	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Benzene	27.2	8.4	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
2-Butanone	4.9	1.6	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Chloromethane	1.5	0.7	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC10-AA-11**Lab ID:** 2201021-12**Sample Matrix:** Air**Date Collected:** 02/08/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	1.9	0.4	0.5	J	1	02/15/2022 16:00	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Ethanol	15.8	8.3	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Ethylbenzene	3.6	0.8	0.5		1	02/15/2022 16:00	TO-15/R3QA230
4-Ethyltoluene	0.9	0.2	0.5	J	1	02/15/2022 16:00	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Heptane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Hexane	0.9	0.2	0.5	J	1	02/15/2022 16:00	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/15/2022 16:00	TO-15/R3QA230
Isopropyl alcohol	16.2	6.5	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Naphthalene	U	U	0.5	UL	1	02/15/2022 16:00	TO-15/R3QA230
Propylene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Styrene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Tetrahydrofuran	2.7	0.9	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Toluene	4.9	1.3	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC10-AA-11**Lab ID:** 2201021-12**Sample Matrix:** Air**Date Collected:** 02/08/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichloroethene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Trichlorofluoromethane	1.3	0.2	0.5	J	1	02/15/2022 16:00	TO-15/R3QA230
1,2,4-Trimethylbenzene	1.1	0.2	0.5	J	1	02/15/2022 16:00	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	02/15/2022 16:00	TO-15/R3QA230
m,p-Xylene	3.8	0.9	1.0	J	1	02/15/2022 16:00	TO-15/R3QA230
o-Xylene	1.3	0.3	0.5	J	1	02/15/2022 16:00	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate Bromofluorobenzene</i>	9.27		93 % 80-120	02/15/20	02/15/2022 16:00	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC07-AA-12**Lab ID:** 2201021-13**Sample Matrix:** Air**Date Collected:** 02/08/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	02/16/2022 14:52	TO-15 SIM/R3QA230
Benzene	1.2	0.4	0.02		1	02/16/2022 14:52	TO 15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	1.80		90 % 80-120	02/16/20	02/16/2022 14:52	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	6.0	2.5	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Bromoform	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Bromomethane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
2-Butanone	0.9	0.3	0.5	J	1	02/15/2022 16:55	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Chloroethane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Chloroform	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Chloromethane	1.3	0.6	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC07-AA-12**Lab ID:** 2201021-13**Sample Matrix:** Air**Date Collected:** 02/08/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	1.7	0.3	0.5	J	1	02/15/2022 16:55	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Ethanol	12.3	6.5	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Freon 113	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Heptane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Hexane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	02/15/2022 16:55	TO-15/R3QA230
Isopropyl alcohol	5.8	2.3	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Naphthalene	U	U	0.5	UL	1	02/15/2022 16:55	TO-15/R3QA230
Propylene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Styrene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Toluene	1.9	0.5	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36074**Station ID:** LOC07-AA-12**Lab ID:** 2201021-13**Sample Matrix:** Air**Date Collected:** 02/08/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.1	0.2	0.5	J	1	02/15/2022 16:55	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	02/15/2022 16:55	TO-15/R3QA230
o-Xylene	U	U	0.5		1	02/15/2022 16:55	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	9.15		92 %	80-120	02/15/20	02/15/2022 16:55	TO-15/R3QA230



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Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

Tentatively Identified Compound (TIC) Report
Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2201021-01					
Station ID:	LOC10-AA-01					
Sample Matrix:	Air					
Collected:	01/25/2022					
NA	unknown (01)	2.0	T	4.53	02/02/2022 16:41	TO-15/R3QA230
106-97-8	Butane	2.4	T	5.67	02/02/2022 16:41	TO-15/R3QA230
78-78-4	Butane, 2-methyl-	2.4	T	7.14	02/02/2022 16:41	TO-15/R3QA230
109-66-0	Pentane	2.3	T	7.81	02/02/2022 16:41	TO-15/R3QA230
000110-00-9	Furan	2.0	T	8.06	02/02/2022 16:41	TO-15/R3QA230
75-18-3	Dimethyl Sulfide	8.6	T	8.76	02/02/2022 16:41	TO-15/R3QA230
534-22-5	Furan, 2-methyl-	1.9	T	11.17	02/02/2022 16:41	TO-15/R3QA230
71-36-3	1-Butanol	1.6	T	12.84	02/02/2022 16:41	TO-15/R3QA230
79-92-5	Camphene	1.3	T	19.12	02/02/2022 16:41	TO-15/R3QA230
000527-84-4	o-Cymene	2.9	T	20.09	02/02/2022 16:41	TO-15/R3QA230
5989-27-5	d-Limonene	1.4	T	20.15	02/02/2022 16:41	TO-15/R3QA230
NA	unknown (02)	2.1	T	20.27	02/02/2022 16:41	TO-15/R3QA230



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Project #: DAS R36074

Tentatively Identified Compound (TIC) Report

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2201021-02						
Station ID: LOC08-AA-04						
Sample Matrix: Air						
Collected: 01/25/2022						
NA	unknown (01)	12.5	T	4.53	02/02/2022 10:19	TO-15/R3QA230
74-98-6	Propane	11.1	T	4.67	02/02/2022 10:19	TO-15/R3QA230
NA	unknown (02)	7.1	T	4.81	02/02/2022 10:19	TO-15/R3QA230
NA	unknown (03)	7.5	T	4.91	02/02/2022 10:19	TO-15/R3QA230
NA	unknown (04)	1.2	T	5.59	02/02/2022 10:19	TO-15/R3QA230
106-97-8	Butane	2.7	T	5.67	02/02/2022 10:19	TO-15/R3QA230
78-78-4	Butane, 2-methyl-	2.9	T	7.14	02/02/2022 10:19	TO-15/R3QA230
109-66-0	Pentane	4.5	T	7.81	02/02/2022 10:19	TO-15/R3QA230
000110-00-9	Furan	1.4	T	8.06	02/02/2022 10:19	TO-15/R3QA230
75-18-3	Dimethyl Sulfide	5.5	T	8.76	02/02/2022 10:19	TO-15/R3QA230
000527-84-4	o-Cymene	1.6	T	20.09	02/02/2022 10:19	TO-15/R3QA230
NA	unknown (05)	1.4	T	20.27	02/02/2022 10:19	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2201021-03						
Station ID: LOC09-AA-02						
Sample Matrix: Air						
Collected: 01/25/2022						
NA	unknown (01)	4.0	T	4.53	02/02/2022 11:14	TO-15/R3QA230
NA	unknown (02)	2.2	T	4.91	02/02/2022 11:14	TO-15/R3QA230
106-97-8	Butane	2.0	T	5.67	02/02/2022 11:14	TO-15/R3QA230
78-78-4	Butane, 2-methyl-	2.2	T	7.14	02/02/2022 11:14	TO-15/R3QA230
000110-00-9	Furan	2.0	T	8.06	02/02/2022 11:14	TO-15/R3QA230
930-27-8	Furan, 3-methyl-	1.9	T	11.17	02/02/2022 11:14	TO-15/R3QA230
71-36-3	1-Butanol	1.9	T	12.84	02/02/2022 11:14	TO-15/R3QA230
NA	unknown (03)	1.4	T	15.95	02/02/2022 11:14	TO-15/R3QA230
000527-84-4	o-Cymene	3.2	T	20.09	02/02/2022 11:14	TO-15/R3QA230
5989-27-5	d-Limonene	1.5	T	20.15	02/02/2022 11:14	TO-15/R3QA230
NA	unknown (04)	1.8	T	20.27	02/02/2022 11:14	TO-15/R3QA230



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Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

Tentatively Identified Compound (TIC) Report

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2201021-04						
Station ID: LOC07-AA-03						
Sample Matrix: Air						
Collected: 01/25/2022						
74-98-6	Propane	2.1	T	4.69	02/02/2022 12:09	TO-15/R3QA230
NA	unknown (01)	2.1	T	4.81	02/02/2022 12:09	TO-15/R3QA230
NA	unknown (02)	4.0	T	4.91	02/02/2022 12:09	TO-15/R3QA230
109-66-0	Pentane	3.6	T	7.81	02/02/2022 12:09	TO-15/R3QA230
NA	unknown (03)	1.5	T	8.74	02/02/2022 12:09	TO-15/R3QA230
NA	unknown (04)	1.3	T	20.27	02/02/2022 12:09	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2201021-05						
Station ID: LOC07-AA-07						
Sample Matrix: Air						
Collected: 01/26/2022						
74-98-6	Propane	1.9	T	4.68	02/02/2022 13:04	TO-15/R3QA230
NA	unknown (01)	1.5	T	4.81	02/02/2022 13:04	TO-15/R3QA230
NA	unknown (02)	2.8	T	4.91	02/02/2022 13:04	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2201021-06						
Station ID: LOC08-AA-08						
Sample Matrix: Air						
Collected: 01/26/2022						
74-98-6	Propane	2.7	T	4.67	02/02/2022 13:59	TO-15/R3QA230
NA	unknown (01)	2.0	T	4.81	02/02/2022 13:59	TO-15/R3QA230
NA	unknown (02)	3.8	T	4.91	02/02/2022 13:59	TO-15/R3QA230



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Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

Tentatively Identified Compound (TIC) Report

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2201021-07						
Station ID: LOC10-AA-05						
Sample Matrix: Air						
Collected: 01/26/2022						
NA	unknown (01)	6.2	T	4.53	02/02/2022 14:52	TO-15/R3QA230
NA	unknown (02)	3.9	T	4.81	02/02/2022 14:52	TO-15/R3QA230
NA	unknown (03)	4.0	T	4.91	02/02/2022 14:52	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2201021-08						
Station ID: LOC09-AA-06						
Sample Matrix: Air						
Collected: 01/26/2022						
74-98-6	Propane	1.5	T	4.68	02/02/2022 15:47	TO-15/R3QA230
NA	unknown	1.5	T	4.91	02/02/2022 15:47	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2201021-09						
Station ID: LOC09-AA-09						
Sample Matrix: Air						
Collected: 02/08/2022						
NA	unknown (01)	3.6	T	4.53	02/15/2022 13:17	TO-15/R3QA230
74-98-6	Propane	3.7	T	4.68	02/15/2022 13:17	TO-15/R3QA230
NA	unknown (02)	1.2	T	4.82	02/15/2022 13:17	TO-15/R3QA230
NA	unknown (03)	2.1	T	4.91	02/15/2022 13:17	TO-15/R3QA230
106-97-8	Butane	2.6	T	5.68	02/15/2022 13:17	TO-15/R3QA230
78-78-4	Butane, 2-methyl-	1.9	T	7.15	02/15/2022 13:17	TO-15/R3QA230
75-18-3	Dimethyl Sulfide	3.6	T	8.76	02/15/2022 13:17	TO-15/R3QA230
000527-84-4	o-Cymene	1.0	T	20.09	02/15/2022 13:17	TO-15/R3QA230



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Tentatively Identified Compound (TIC) Report

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2201021-10						
Station ID: LOC09-AA-10						
Sample Matrix: Air						
Collected: 02/08/2022						
74-98-6	Propane	4.0	T	4.67	02/15/2022 14:11	TO-15/R3QA230
NA	unknown (01)	1.6	T	4.81	02/15/2022 14:11	TO-15/R3QA230
NA	unknown (02)	3.0	T	4.91	02/15/2022 14:11	TO-15/R3QA230
106-97-8	Butane	2.5	T	5.68	02/15/2022 14:11	TO-15/R3QA230
78-78-4	Butane, 2-methyl-	2.0	T	7.15	02/15/2022 14:11	TO-15/R3QA230
75 18 3	Dimethyl Sulfide	3 3	T	8 76	02/15/2022 14 11	TO 15/R3QA230
000527-84-4	o-Cymene	1.2	T	20.09	02/15/2022 14:11	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2201021-11						
Station ID: LOC08-AA-13						
Sample Matrix: Air						
Collected: 02/08/2022						
74-98-6	Propane	4.1	T	4.67	02/15/2022 15:06	TO-15/R3QA230
106-97-8	Butane	2.4	T	5.68	02/15/2022 15:06	TO-15/R3QA230
78-78-4	Butane, 2-methyl-	1.8	T	7.15	02/15/2022 15:06	TO-15/R3QA230
75-18-3	Dimethyl Sulfide	2.4	T	8.76	02/15/2022 15:06	TO-15/R3QA230



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Tentatively Identified Compound (TIC) Report

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2201021-12						
Station ID: LOC10-AA-11						
Sample Matrix: Air						
Collected: 02/08/2022						
NA	unknown (01)	6.5	T	4.53	02/15/2022 16:00	TO-15/R3QA230
74-98-6	Propane	3.5	T	4.67	02/15/2022 16:00	TO-15/R3QA230
NA	unknown (02)	2.2	T	4.81	02/15/2022 16:00	TO-15/R3QA230
NA	unknown (03)	3.7	T	4.91	02/15/2022 16:00	TO-15/R3QA230
106-97-8	Butane	2.7	T	5.67	02/15/2022 16:00	TO-15/R3QA230
78-78-4	Butane, 2-methyl-	2.0	T	7.14	02/15/2022 16:00	TO-15/R3QA230
75-18-3	Dimethyl Sulfide	2.3	T	8.76	02/15/2022 16:00	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2201021-13						
Station ID: LOC07-AA-12						
Sample Matrix: Air						
Collected: 02/08/2022						
NA	unknown (01)	1.8	T	4.69	02/15/2022 16:55	TO-15/R3QA230
NA	unknown (02)	2.5	T	4.81	02/15/2022 16:55	TO-15/R3QA230
NA	unknown (03)	4.3	T	4.91	02/15/2022 16:55	TO-15/R3QA230
106-97-8	Butane	1.6	T	5.67	02/15/2022 16:55	TO-15/R3QA230



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QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB22306 - TO air

Blank (BB22306 BLK1)

Prepared: 02/02/2022 07:36 Analyzed: 02/02/2022 08:28

Acetone	U	0.5	ppbv
Acrolein	U	0.5	"
Benzene	U	0.5	"
Benzyl chloride	U	0.5	"
Bromodichloromethane	U	0.5	"
Bromoform	U	0.5	"
Bromomethane	U	0.5	"
1,3-Butadiene	U	0.5	"
2-Butanone	U	0.5	"
Carbon disulfide	U	0.5	"
Carbon Tetrachloride	U	0.5	"
Chlorobenzene	U	0.5	"
Chloroethane	U	0.5	"
Chloroform	U	0.5	"
Chloromethane	U	0.5	"
Cyclohexane	U	0.5	"
Dibromochloromethane	U	0.5	"
1,2-Dibromoethane (EDB)	U	0.5	"
1,2-Dichlorobenzene	U	0.5	"
1,3-Dichlorobenzene	U	0.5	"
1,4-Dichlorobenzene	U	0.5	"
Dichlorodifluoromethane	U	0.5	"
1,1-Dichloroethane	U	0.5	"
1,2-Dichloroethane	U	0.5	"
1,1-Dichloroethene	U	0.5	"
cis-1,2-Dichloroethene	U	0.5	"
trans-1,2-Dichloroethene	U	0.5	"
1,2-Dichloropropane	U	0.5	"
cis-1,3-Dichloropropene	U	0.5	"
trans-1,3-Dichloropropene	U	0.5	"
Dichlorotetrafluoroethane	U	0.5	"
1,4-Dioxane	U	0.5	"
Ethanol	U	0.5	"
Ethyl Acetate	U	0.5	"
Ethylbenzene	U	0.5	"
4-Ethyltoluene	U	0.5	"
Freon 113	U	0.5	"
Heptane	U	0.5	"
Hexachlorobutadiene	U	0.5	"
Hexane	U	0.5	"
2-Hexanone	U	0.5	"

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB22306 - TO air

Blank (BB22306 BLK1)

Prepared: 02/02/2022 07:36 Analyzed: 02/02/2022 08:28

Isopropyl alcohol	U	0.5	ppbv							
Methyl Methacrylate	U	0.5	"							
Methyl tert-Butyl Ether	U	0.5	"							
4-Methyl-2-pentanone	U	0.5	"							
Methylene Chloride	U	0.5	"							
Naphthalene	U	0.5	"							UL
Propylene	U	0.5	"							
Styrene	U	0.5	"							
1,1,2,2-Tetrachloroethane	U	0.5	"							
Tetrachloroethene	U	0.5	"							
Tetrahydrofuran	U	0.5	"							
Toluene	U	0.5	"							
1,2,3-Trichlorobenzene	U	0.5	"							
1,2,4-Trichlorobenzene	U	0.5	"							
1,3,5-Trichlorobenzene	U	0.5	"							
1,1,1-Trichloroethane	U	0.5	"							
1,1,2-Trichloroethane	U	0.5	"							
Trichloroethene	U	0.5	"							
Trichlorofluoromethane	U	0.5	"							
1,2,4-Trimethylbenzene	U	0.5	"							
1,3,5-Trimethylbenzene	U	0.5	"							
Vinyl acetate	U	0.5	"							
Vinyl chloride	U	0.5	"							
m,p-Xylene	U	1.0	"							
o-Xylene	U	0.5	"							
Surrogate: Bromofluorobenzene	9.80		"	10.000		98	80-120			

Blank (BB22306-BLK2)

Prepared: 02/15/2022 07:36 Analyzed: 02/15/2022 08:52

Acetone	U	0.5	ppbv							
Acrolein	U	0.5	"							
Benzene	U	0.5	"							
Benzyl chloride	U	0.5	"							
Bromodichloromethane	U	0.5	"							
Bromoform	U	0.5	"							
Bromomethane	U	0.5	"							
1,3-Butadiene	U	0.5	"							
2-Butanone	U	0.5	"							
Carbon disulfide	U	0.5	"							
Carbon Tetrachloride	U	0.5	"							
Chlorobenzene	U	0.5	"							
Chloroethane	U	0.5	"							



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB22306 - TO air

Blank (BB22306 BLK2)

Prepared: 02/15/2022 07:36 Analyzed: 02/15/2022 08:52

Chloroform	U	0.5	ppbv							
Chloromethane	U	0.5	"							
Cyclohexane	U	0.5	"							
Dibromochloromethane	U	0.5	"							
1,2-Dibromoethane (EDB)	U	0.5	"							
1,2-Dichlorobenzene	U	0.5	"							
1,3-Dichlorobenzene	U	0.5	"							
1,4-Dichlorobenzene	U	0.5	"							
Dichlorodifluoromethane	U	0.5	"							
1,1-Dichloroethane	U	0.5	"							
1,2-Dichloroethane	U	0.5	"							
1,1-Dichloroethene	U	0.5	"							
cis-1,2-Dichloroethene	U	0.5	"							
trans-1,2-Dichloroethene	U	0.5	"							
1,2-Dichloropropane	U	0.5	"							
cis-1,3-Dichloropropene	U	0.5	"							
trans-1,3-Dichloropropene	U	0.5	"							
Dichlorotetrafluoroethane	U	0.5	"							
1,4-Dioxane	U	0.5	"							
Ethanol	U	0.5	"							
Ethyl Acetate	U	0.5	"							
Ethylbenzene	U	0.5	"							
4-Ethyltoluene	U	0.5	"							
Freon 113	U	0.5	"							
Heptane	U	0.5	"							
Hexachlorobutadiene	U	0.5	"							
Hexane	U	0.5	"							
2-Hexanone	U	0.5	"							UL
Isopropyl alcohol	U	0.5	"							
Methyl Methacrylate	U	0.5	"							
Methyl tert-Butyl Ether	U	0.5	"							
4-Methyl-2-pentanone	U	0.5	"							
Methylene Chloride	U	0.5	"							
Naphthalene	U	0.5	"							UL
Propylene	U	0.5	"							
Styrene	U	0.5	"							
1,1,2,2-Tetrachloroethane	U	0.5	"							
Tetrachloroethene	U	0.5	"							
Tetrahydrofuran	U	0.5	"							
Toluene	U	0.5	"							
1,2,3-Trichlorobenzene	U	0.5	"							



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Region 3 Laboratory
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Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch BB22306 - TO air

Blank (BB22306 BLK2)

Prepared: 02/15/2022 07:36 Analyzed: 02/15/2022 08:52

1,2,4-Trichlorobenzene	U	0.5	ppbv						
1,3,5-Trichlorobenzene	U	0.5	"						
1,1,1-Trichloroethane	U	0.5	"						
1,1,2-Trichloroethane	U	0.5	"						
Trichloroethene	U	0.5	"						
Trichlorofluoromethane	U	0.5	"						
1,2,4-Trimethylbenzene	U	0.5	"						
1,3,5-Trimethylbenzene	U	0.5	"						
Vinyl acetate	U	0.5	"						
Vinyl chloride	U	0.5	"						
m,p-Xylene	U	1.0	"						
o-Xylene	U	0.5	"						
Surrogate: Bromofluorobenzene	9.69		"	10.000		97	80-120		

LCS (BB22306-BS1)

Prepared: 02/15/2022 07:36 Analyzed: 02/15/2022 18:38

Acetone	4 76700	0.5	ppbv	5 0000		95	70-130		
Acrolein	5 00600	0.5	"	5 0000		100	70-130		
Benzene	5 12200	0.5	"	5 0000		102	70-130		
Benzyl chloride	4 50500	0.5	"	5 0000		90	70-130		
Bromodichloromethane	4 97900	0.5	"	5 0000		100	70-130		
Bromoform	4 67200	0.5	"	5 0000		93	70-130		
Bromomethane	5 07400	0.5	"	5 0000		101	70-130		
1,3-Butadiene	4 95700	0.5	"	5 0000		99	70-130		
2-Butanone	4 70500	0.5	"	5 0000		94	70-130		
Carbon disulfide	5 09100	0.5	"	5 0000		102	70-130		
Carbon Tetrachloride	4 94000	0.5	"	5 0000		99	70-130		
Chlorobenzene	4 82600	0.5	"	5 0000		97	70-130		
Chloroethane	5 08300	0.5	"	5 0000		102	70-130		
Chloroform	4 88000	0.5	"	5 0000		98	70-130		
Chloromethane	4 78700	0.5	"	5 0000		96	70-130		
Cyclohexane	5 06700	0.5	"	5 0000		101	70-130		
Dibromochloromethane	4 98800	0.5	"	5 0000		100	70-130		
1,2-Dibromoethane (EDB)	4 80600	0.5	"	5 0000		96	70-130		
1,2-Dichlorobenzene	4 56900	0.5	"	5 0000		91	70-130		
1,3-Dichlorobenzene	4 58100	0.5	"	5 0000		92	70-130		
1,4-Dichlorobenzene	4 58800	0.5	"	5 0000		92	70-130		
Dichlorodifluoromethane	4 70100	0.5	"	5 0000		94	70-130		
1,1-Dichloroethane	5 27300	0.5	"	5 0000		105	70-130		
1,2-Dichloroethane	4 97500	0.5	"	5 0000		100	70-130		
1,1-Dichloroethene	5 05200	0.5	"	5 0000		101	70-130		
cis-1,2-Dichloroethene	4 83200	0.5	"	5 0000		97	70-130		



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Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch BB22306 - TO air

LCS (BB22306-BS1)

Prepared: 02/15/2022 07:36

Analyzed: 02/15/2022 18:38

trans-1,2-Dichloroethene	5 01700	0.5	ppbv	5 0000	100	70-130			
1,2-Dichloropropane	5 10200	0.5	"	5 0000	102	70-130			
cis-1,3-Dichloropropene	4 66300	0.5	"	5 0000	93	70-130			
trans-1,3-Dichloropropene	4 38200	0.5	"	5 0000	88	70-130			
Dichlorotetrafluoroethane	4 85700	0.5	"	5 0000	97	70-130			
1,4-Dioxane	4 70300	0.5	"	5 0000	94	70-130			
Ethanol	4 70400	0.5	"	5 0000	94	70-130			
Ethyl Acetate	4 64200	0.5	"	5 0000	93	70-130			
Ethylbenzene	4 75000	0.5	"	5 0000	95	70-130			
4-Ethyltoluene	4 56700	0.5	"	5 0000	91	70-130			
Freon 113	5 04200	0.5	"	5 0000	101	70-130			
Heptane	5 09100	0.5	"	5 0000	102	70-130			
Hexachlorobutadiene	4 37900	0.5	"	5 0000	88	70-130			
Hexane	5 24800	0.5	"	5 0000	105	70-130			
2-Hexanone	4 63300	0.5	"	5 0000	93	70-130			
Isopropyl alcohol	4 79400	0.5	"	5 0000	96	70-130			
Methyl Methacrylate	4 71900	0.5	"	5 0000	94	70-130			
Methyl tert-Butyl Ether	4 83300	0.5	"	5 0000	97	70-130			
4-Methyl-2-pentanone	4 42400	0.5	"	5 0000	88	70-130			
Methylene Chloride	5 05400	0.5	"	5 0000	101	70-130			
Naphthalene	3 90700	0.5	"	5 0000	78	70-130			
Propylene	4 82500	0.5	"	5 0000	96	70-130			
Styrene	4 68000	0.5	"	5 0000	94	70-130			
1,1,2,2-Tetrachloroethane	4 65500	0.5	"	5 0000	93	70-130			
Tetrachloroethene	5 06200	0.5	"	5 0000	101	70-130			
Tetrahydrofuran	4 53800	0.5	"	5 0000	91	70-130			
Toluene	4 61000	0.5	"	5 0000	92	70-130			
1,2,4-Trichlorobenzene	4 06800	0.5	"	5 0000	81	70-130			
1,1,1-Trichloroethane	4 85200	0.5	"	5 0000	97	70-130			
1,1,2-Trichloroethane	4 78900	0.5	"	5 0000	96	70-130			
Trichloroethene	4 88800	0.5	"	5 0000	98	70-130			
Trichlorofluoromethane	4 95200	0.5	"	5 0000	99	70-130			
1,2,4-Trimethylbenzene	4 52400	0.5	"	5 0000	90	70-130			
1,3,5-Trimethylbenzene	4 50700	0.5	"	5 0000	90	70-130			
Vinyl acetate	3 97900	0.5	"	5 0000	80	70-130			
Vinyl chloride	4 87700	0.5	"	5 0000	98	70-130			
m,p-Xylene	9 40400	1.0	"	10 000	94	70-130			
o-Xylene	4 67000	0.5	"	5 0000	93	70-130			
Surrogate: Bromofluorobenzene	9.71		"	10.000	97	80-120			



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Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB22306 - TO air

Matrix Spike (BB22306 MS1)

Source: 2201021-01RE1

Prepared: 02/02/2022 07:36

Analyzed: 02/02/2022 18:25

Acetone	9 52600	0.5	ppbv	5 0000	5 80400	74	70-130			
Acrolein	4 62200	0.5	"	5 0000	U	92	70-130			
Benzene	16 0140	0.5	"	5 0000	13 5000	50	70-130			A
Benzyl chloride	4 36800	0.5	"	5 0000	U	87	70-130			
Bromodichloromethane	4 59600	0.5	"	5 0000	U	92	70-130			
Bromoform	3 93900	0.5	"	5 0000	U	79	70-130			
Bromomethane	4 44300	0.5	"	5 0000	U	89	70-130			
1,3-Butadiene	3 66100	0.5	"	5 0000	U	73	70-130			
2-Butanone	6 87100	0.5	"	5 0000	2 52100	87	70-130			
Carbon disulfide	4 59600	0.5	"	5 0000	U	92	70-130			
Carbon Tetrachloride	4 46700	0.5	"	5 0000	U	89	70-130			
Chlorobenzene	4 06700	0.5	"	5 0000	U	81	70-130			
Chloroethane	4 63200	0.5	"	5 0000	U	93	70-130			
Chloroform	4 38800	0.5	"	5 0000	U	88	70-130			
Chloromethane	3 89200	0.5	"	5 0000	0 413000	70	70-130			
Cyclohexane	4 71300	0.5	"	5 0000	U	94	70-130			
Dibromochloromethane	4 19200	0.5	"	5 0000	U	84	70-130			
1,2-Dibromoethane (EDB)	4 17800	0.5	"	5 0000	U	84	70-130			
1,2-Dichlorobenzene	4 16600	0.5	"	5 0000	U	83	70-130			
1,3-Dichlorobenzene	4 15700	0.5	"	5 0000	U	83	70-130			
1,4-Dichlorobenzene	4 20500	0.5	"	5 0000	U	84	70-130			
Dichlorodifluoromethane	3 74000	0.5	"	5 0000	0 226000	70	70-130			
1,1-Dichloroethane	4 72600	0.5	"	5 0000	U	95	70-130			
1,2-Dichloroethane	4 36200	0.5	"	5 0000	U	87	70-130			
1,1-Dichloroethene	4 61600	0.5	"	5 0000	U	92	70-130			
cis-1,2-Dichloroethene	4 43400	0.5	"	5 0000	U	89	70-130			
trans-1,2-Dichloroethene	4 54200	0.5	"	5 0000	U	91	70-130			
1,2-Dichloropropane	4 64500	0.5	"	5 0000	U	93	70-130			
cis-1,3-Dichloropropene	4 43900	0.5	"	5 0000	U	89	70-130			
trans-1,3-Dichloropropene	4 32500	0.5	"	5 0000	U	86	70-130			
Dichlorotetrafluoroethane	3 99800	0.5	"	5 0000	U	80	70-130			
1,4-Dioxane	5 00800	0.5	"	5 0000	U	100	70-130			
Ethanol	10 4210	0.5	"	5 0000	6 49900	78	70-130			
Ethyl Acetate	4 54700	0.5	"	5 0000	U	91	70-130			
Ethylbenzene	5 25800	0.5	"	5 0000	1 23400	80	70-130			
4-Ethyltoluene	4 38500	0.5	"	5 0000	0 223000	83	70-130			
Freon 113	4 45000	0.5	"	5 0000	U	89	70-130			
Heptane	4 59000	0.5	"	5 0000	U	92	70-130			
Hexachlorobutadiene	4 13100	0.5	"	5 0000	U	83	70-130			
Hexane	4 87800	0.5	"	5 0000	U	98	70-130			
2-Hexanone	4 86400	0.5	"	5 0000	U	97	70-130			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch BB22306 - TO air

Matrix Spike (BB22306 MS1)	Source: 2201021-01RE1			Prepared: 02/02/2022 07:36			Analyzed: 02/02/2022 18:25		
Isopropyl alcohol	7 31000	0.5	ppbv	5 0000	2 77500	91	70-130		
Methyl Methacrylate	4 69500	0.5	"	5 0000	U	94	70-130		
Methyl tert-Butyl Ether	4 43300	0.5	"	5 0000	U	89	70-130		
4-Methyl-2-pentanone	4 89600	0.5	"	5 0000	U	98	70-130		
Methylene Chloride	4 57000	0.5	"	5 0000	U	91	70-130		
Naphthalene	4 49800	0.5	"	5 0000	U	90	70-130		
Propylene	7 01900	0.5	"	5 0000	3 09500	78	70-130		
Styrene	4 41800	0.5	"	5 0000	U	88	70-130		
1,1,2,2-Tetrachloroethane	4 19300	0.5	"	5 0000	U	84	70-130		
Tetrachloroethene	4 24300	0.5	"	5 0000	U	85	70-130		
Tetrahydrofuran	5 84300	0.5	"	5 0000	1 56000	86	70-130		
Toluene	5 45200	0.5	"	5 0000	1 29300	83	70-130		
1,2,4-Trichlorobenzene	4 33000	0.5	"	5 0000	U	87	70-130		
1,1,1-Trichloroethane	4 33100	0.5	"	5 0000	U	87	70-130		
1,1,2-Trichloroethane	4 62200	0.5	"	5 0000	U	92	70-130		
Trichloroethene	4 74900	0.5	"	5 0000	U	95	70-130		
Trichlorofluoromethane	4 48300	0.5	"	5 0000	U	90	70-130		
1,2,4-Trimethylbenzene	4 45700	0.5	"	5 0000	0 266000	84	70-130		
1,3,5-Trimethylbenzene	4 17700	0.5	"	5 0000	U	84	70-130		
Vinyl acetate	4 22500	0.5	"	5 0000	U	84	70-130		
Vinyl chloride	3 61900	0.5	"	5 0000	U	72	70-130		
m,p-Xylene	9 09700	1.0	"	10 000	1 05600	80	70-130		
o-Xylene	4 38400	0.5	"	5 0000	0 361000	80	70-130		
Surrogate: Bromofluorobenzene	9.80		"	10.000		98	80-120		

Matrix Spike Dup (BB22306-MSD1)	Source: 2201021-01RE1			Prepared: 02/02/2022 07:36		Analyzed: 02/02/2022 19:20				
Acetone	8 56500	0.5	ppbv	5 0000	5 80400	55	70-130	30	25	A
Acrolein	4 20800	0.5	"	5 0000	U	84	70-130	9	25	
Benzene	15 3720	0.5	"	5 0000	13 5000	37	70-130	29	25	A
Benzyl chloride	4 39300	0.5	"	5 0000	U	88	70-130	0.6	25	
Bromodichloromethane	4 25000	0.5	"	5 0000	U	85	70-130	8	25	
Bromoform	4 05500	0.5	"	5 0000	U	81	70-130	3	25	
Bromomethane	4 08100	0.5	"	5 0000	U	82	70-130	8	25	
1,3-Butadiene	2 84500	0.5	"	5 0000	U	57	70-130	25	25	A
2-Butanone	6 18600	0.5	"	5 0000	2 52100	73	70-130	17	25	
Carbon disulfide	4 05800	0.5	"	5 0000	U	81	70-130	12	25	
Carbon Tetrachloride	4 47900	0.5	"	5 0000	U	90	70-130	0.3	25	
Chlorobenzene	4 10700	0.5	"	5 0000	U	82	70-130	1	25	
Chloroethane	4 17000	0.5	"	5 0000	U	83	70-130	10	25	
Chloroform	4 29700	0.5	"	5 0000	U	86	70-130	2	25	
Chloromethane	3 85800	0.5	"	5 0000	0 413000	69	70-130	1	25	A



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Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB22306 - TO air

Matrix Spike Dup (BB22306-MSD1)		Source: 2201021-01RE1		Prepared: 02/02/2022 07:36		Analyzed: 02/02/2022 19:20				
Cyclohexane	4 55900	0.5	ppbv	5 0000	U	91	70-130	3	25	
Dibromochloromethane	4 26300	0.5	"	5 0000	U	85	70-130	2	25	
1,2-Dibromoethane (EDB)	4 19800	0.5	"	5 0000	U	84	70-130	0.5	25	
1,2-Dichlorobenzene	4 25800	0.5	"	5 0000	U	85	70-130	2	25	
1,3-Dichlorobenzene	4 23600	0.5	"	5 0000	U	85	70-130	2	25	
1,4-Dichlorobenzene	4 29300	0.5	"	5 0000	U	86	70-130	2	25	
Dichlorodifluoromethane	3 56300	0.5	"	5 0000	0 226000	67	70-130	5	25	A
1,1-Dichloroethane	4 20200	0.5	"	5 0000	U	84	70-130	12	25	
1,2-Dichloroethane	4 22400	0.5	"	5 0000	U	84	70-130	3	25	
1,1-Dichloroethene	4 10900	0.5	"	5 0000	U	82	70-130	12	25	
cis-1,2-Dichloroethene	4 03700	0.5	"	5 0000	U	81	70-130	9	25	
trans-1,2-Dichloroethene	4 08800	0.5	"	5 0000	U	82	70-130	11	25	
1,2-Dichloropropane	4 22500	0.5	"	5 0000	U	84	70-130	9	25	
cis-1,3-Dichloropropene	4 08800	0.5	"	5 0000	U	82	70-130	8	25	
trans-1,3-Dichloropropene	4 00400	0.5	"	5 0000	U	80	70-130	8	25	
Dichlorotetrafluoroethane	3 83000	0.5	"	5 0000	U	77	70-130	4	25	
1,4-Dioxane	4 59000	0.5	"	5 0000	U	92	70-130	9	25	
Ethanol	9 43500	0.5	"	5 0000	6 49900	59	70-130	29	25	A
Ethyl Acetate	4 20400	0.5	"	5 0000	U	84	70-130	8	25	
Ethylbenzene	5 28100	0.5	"	5 0000	1 23400	81	70-130	0.6	25	
4-Ethyltoluene	4 41200	0.5	"	5 0000	0 223000	84	70-130	0.6	25	
Freon 113	4 03800	0.5	"	5 0000	U	81	70-130	10	25	
Heptane	4 34600	0.5	"	5 0000	U	87	70-130	5	25	
Hexachlorobutadiene	4 71900	0.5	"	5 0000	U	94	70-130	13	25	
Hexane	4 31700	0.5	"	5 0000	U	86	70-130	12	25	
2-Hexanone	4 77400	0.5	"	5 0000	U	95	70-130	2	25	
Isopropyl alcohol	6 55600	0.5	"	5 0000	2 77500	76	70-130	18	25	
Methyl Methacrylate	4 33700	0.5	"	5 0000	U	87	70-130	8	25	
Methyl tert-Butyl Ether	4 06500	0.5	"	5 0000	U	81	70-130	9	25	
4-Methyl-2-pentanone	4 39800	0.5	"	5 0000	U	88	70-130	11	25	
Methylene Chloride	4 06500	0.5	"	5 0000	U	81	70-130	12	25	
Naphthalene	5 20600	0.5	"	5 0000	U	104	70-130	15	25	
Propylene	6 52100	0.5	"	5 0000	3 09500	69	70-130	14	25	A
Styrene	4 42500	0.5	"	5 0000	U	88	70-130	0.2	25	
1,1,2,2-Tetrachloroethane	4 21000	0.5	"	5 0000	U	84	70-130	0.4	25	
Tetrachloroethene	4 27700	0.5	"	5 0000	U	86	70-130	0.8	25	
Tetrahydrofuran	5 62800	0.5	"	5 0000	1 56000	81	70-130	5	25	
Toluene	5 38800	0.5	"	5 0000	1 29300	82	70-130	2	25	
1,2,4-Trichlorobenzene	5 05100	0.5	"	5 0000	U	101	70-130	15	25	
1,1,1-Trichloroethane	4 28500	0.5	"	5 0000	U	86	70-130	1	25	
1,1,2-Trichloroethane	4 52900	0.5	"	5 0000	U	91	70-130	2	25	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB22306 - TO air

Matrix Spike Dup (BB22306-MSD1)		Source: 2201021-01RE1		Prepared: 02/02/2022 07:36		Analyzed: 02/02/2022 19:20				
Trichloroethene	4 37100	0 5	ppbv	5 0000	U	87	70-130	8	25	
Trichlorofluoromethane	4 07700	0 5	"	5 0000	U	82	70-130	9	25	
1,2,4-Trimethylbenzene	4 52300	0 5	"	5 0000	0 266000	85	70-130	2	25	
1,3,5-Trimethylbenzene	4 23200	0 5	"	5 0000	U	85	70-130	1	25	
Vinyl acetate	3 69100	0 5	"	5 0000	U	74	70-130	13	25	
Vinyl chloride	3 18600	0 5	"	5 0000	U	64	70-130	13	25	A
m,p-Xylene	9 21000	1 0	"	10 000	1 05600	82	70-130	1	25	
o-Xylene	4 44900	0 5	"	5 0000	0 361000	82	70-130	2	25	
Surrogate: Bromofluorobenzene	9.93		"	10.000		99	80-120			

Batch BB22307 - TO air

Blank (BB22307-BLK1)				Prepared: 02/08/2022 07:46		Analyzed: 02/08/2022 10:15				
Acrolein	U	0 02	ppbv							
Benzene	U	0 02	"							
Surrogate: Bromofluorobenzene	1.67		"	2.0000		84	80-120			
Blank (BB22307-BLK2)				Prepared: 02/09/2022 07:46		Analyzed: 02/09/2022 08:41				
Acrolein	U	0 02	ppbv							
Benzene	U	0 02	"							
Surrogate: Bromofluorobenzene	1.65		"	2.0000		82	80-120			
Blank (BB22307-BLK3)				Prepared: 02/16/2022 07:46		Analyzed: 02/16/2022 10:04				
Acrolein	U	0 02	ppbv							
Benzene	U	0 02	"							
Surrogate: Bromofluorobenzene	1.66		"	2.0000		83	80-120			



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Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BB22307 - TO air

LCS (BB22307-BS1)				Prepared: 02/09/2022 07:46		Analyzed: 02/09/2022 11:47				
Acrolein	0.227000	0.02	ppbv	0.25000		91	70-130			
Benzene	0.277000	0.02	"	0.25000		111	70-130			
Surrogate: Bromofluorobenzene	1.80		"	2.0000		90	80-120			

LCS (BB22307-BS2)				Prepared: 02/16/2022 07:46		Analyzed: 02/16/2022 15:44				
Acrolein	0.258000	0.02	ppbv	0.25000		103	70-130			
Benzene	0.279000	0.02	"	0.25000		112	70-130			
Surrogate: Bromofluorobenzene	2.01		"	2.0000		100	80-120			

Matrix Spike (BB22307-MS1)				Source: 2201021-08RE1		Prepared: 02/09/2022 07:46		Analyzed: 02/09/2022 10:00		
Acrolein	0.287000	0.02	ppbv	0.25000	U	115	70-130			
Benzene	0.602000	0.02	"	0.25000	0.317000	114	70-130			
Surrogate: Bromofluorobenzene	2.05		"	2.0000		102	80-120			

Matrix Spike Dup (BB22307-MSD1)				Source: 2201021-08RE1		Prepared: 02/09/2022 07:46		Analyzed: 02/09/2022 10:56		
Acrolein	0.300000	0.02	ppbv	0.25000	U	120	70-130	4	25	
Benzene	0.615000	0.02	"	0.25000	0.317000	119	70-130	4	25	
Surrogate: Bromofluorobenzene	1.89		"	2.0000		94	80-120			



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Site Name: 11184 BRISTOL AIR

Project #: DAS R36074

Notes and Definitions

UL	The analyte was not detected. The quantitation limit is probably higher due to indications of a low bias.
T	Tentatively Identified Compound. Identified as a result of a library search using the EPA/NIST Mass Spectral Library. Standards were not used to verify the identity and quantity of the compound. The reported value is an estimate.
L	The identification of the analyte is acceptable; the reported value may be biased low. The actual value is expected to be greater than the reported value. Reported value is an estimate.
J	The identification of the analyte is acceptable; the reported value is an estimate.
A	Quality control value is outside acceptance limits.
%REC	Percent Recovery
RPD	Relative Percent Difference
U	Analyte included in the analysis, but not detected at or above the quantitation limit.
NR	Not Reported

Quantitation Limit: The lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method and that takes into account analytical adjustments made during sample preparation and analysis.

SOLID SAMPLE RESULTS - REPORTING PROTOCOL: Solid samples where % Solids (percent dry wt at 105 degrees C) has been performed, are analyzed wet and converted to a dry weight result for reporting purposes. This is routine for organics and most inorganic analyses. When metals and mercury analyses are requested, solid samples are routinely analyzed and reported on a dry weight basis. Solid samples for metals/mercury are prepared for analysis by an initial drying at 60 degree C and homogenization before digestion. Oil-type samples will be analyzed and reported on a wet weight basis for all analyses because of the nature of the sample. Any exceptions to the protocol will be noted with a qualifier.

ATTACHMENT 4

FINAL ANALYTICAL REPORT – DAS R36136



Final Analytical Report

Site Name.....	11184 BRISTOL AIR
Sample Collection Date(s).....	4/12/2022 - 4/20/2022
Contact	Myles Bartos
Report Date.....	06/10/2022 11:25
Project #.....	DAS R36136
Work Order.....	2204008

Analyses included in this report:

VOCs by EPA TO-15, SIM by EPA

VOCs by EPA TO-15, TO-15 list

Approved for Release



Region 3 Laboratory Representative



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

Report Narrative

VOC Air Analysis Note:

This report provides reporting units in ug/m3 and ppbv. Slight rounding errors will occur in the Electronic Data Deliverable (EDD).

All samples from this project were initially analyzed by full scan for all TO-15 compounds list to assess whether further analyses by SIM are warranted for Acrolein and Benzene. Since Acrolein was not detected in any samples from the full scan analyses, all samples were analyzed by SIM as well. Results obtained from SIM analyses indicated that Acrolein was not detected in any samples. Benzene was detected below the quantitation limit in samples 2204008-06 and 2204008-12 from the full scan analyses; therefore, the results for Benzene are reported from the SIM analyses.

The percent relative standard deviations (%RSDs) for Naphthalene and 1,2,4-Trichlorobenzene in the initial calibration curve were outside the quality control (QC) criteria. Detected results are qualified (J), estimated, and the quantitation limits for non-detected results are qualified as estimated (UJ).

The percent differences (%Ds) for 2-Hexanone and Naphthalene in the second source verification standard were outside the QC limits due to low responses. The (L) qualifier for 2-Hexanone in samples 2204008-01, 2204008-02 and 2204008-05 is superseded by (J). The quantitation limit for 2-Hexanone is qualified as biased low (UL) for all other samples and blanks. The (L) qualifier for Naphthalene in samples 2204008-01, 2204008-03 and 2204008-05 is superseded by (J). The (UL) qualifier for the quantitation limit of Naphthalene is superseded by (UJ) for all other samples and blanks. The %Ds for Ethanol and Vinyl acetate in the second source verification standard were outside the QC limits due to high responses. Results reported for Ethanol in all samples are qualified biased high (K). Since no positive results were reported for Vinyl acetate, no data were qualified by this outlier.

The percent recovery for Ethanol in the blank spike BE20402-BS2 was outside the upper QC limit. Results for Ethanol in associated samples analyzed on 4/26/22 are qualified biased high (K).

The percent recoveries for Naphthalene and 1,2,4-Trichlorobenzene in the matrix spike and matrix spike duplicate (MS/MSD) analysis of sample 2204008-02 were outside the upper QC limits. Since no positive results were reported for these analytes in sample 2204008-02, no data were qualified based on these outliers. The percent recoveries for Ethanol and Isopropyl alcohol were outside the upper QC limits in the MS/MSD analysis of sample 2204008-11. The results reported for Ethanol and Isopropyl alcohol in sample 2204008-11 are qualified as biased high (K). The percent recovery for 4-Methyl-2-pentanone in the MSD analysis of sample 2204008-11 was outside the upper QC limit. Since 4-Methyl-2-pentanone was not detected in this sample, no data was qualified based on this outlier.

The percent recovery for Acrolein in the MS analysis of sample 2204008-08 by SIM was outside the upper QC limit. Since no positive result was reported for Acrolein in sample 2204008-08, no data were qualified based on this outlier. The percent recovery for Acrolein was outside the upper QC limit in the MS/MSD analysis of sample 2204008-11 by SIM. Since no positive result was reported for Acrolein in sample 2204008-11, no data were qualified based on this outlier.

2204008 Final Report DAS R36136 06/10/2022



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Matrix	Date Sampled Begin	Date Sampled End	Date Received
LOC09-AA-14	2204008-01	Air	4/11/22 16:25	04/12/2022 11:55	04/13/2022 12:20
LOC10 AA 15	2204008-02	Air	4/11/22 16:14	04/12/2022 09:04	04/13/2022 12:20
LOC08-AA-16	2204008-03	Air	4/11/22 16:47	04/12/2022 12:02	04/13/2022 12:20
LOC07-AA-17	2204008-04	Air	4/11/22 17:15	04/12/2022 12:20	04/13/2022 12:20
LOC08-AA-20	2204008-05	Air	4/12/22 17:50	04/13/2022 13:24	04/14/2022 10:55
LOC07-AA-21	2204008-06	Air	4/12/22 18:20	04/13/2022 13:43	04/14/2022 10:55
LOC10-AA-18	2204008-07	Air	4/12/22 17:07	04/13/2022 14:57	04/14/2022 10:55
LOC09-AA-19	2204008-08	Air	4/12/22 17:29	04/13/2022 14:40	04/14/2022 10:55
LOC08-AA-24	2204008-09	Air	4/19/22 17:32	04/20/2022 12:36	04/21/2022 11:00
LOC08-AA-25	2204008-10	Air	4/19/22 17 32	04/20/2022 12:36	04/21/2022 11 00
LOC10-AA-22	2204008-11	Air	4/19/22 16:14	04/20/2022 13:06	04/21/2022 11:00
LOC07-AA-26	2204008-12	Air	4/19/22 18:00	04/20/2022 12 48	04/21/2022 11:00
LOC09-AA-23	2204008-13	Air	4/19/22 16:55	04/20/2022 18:50	04/26/2022 11:15

USEPA

DateShipped: 4/12/2022

CarrierName: FedEx

AirbillNo: 7765 5697 2574

CHAIN OF CUSTODY RECORD

Site #: B3AR

DAS #: R36136

Cooler #: 1

No: 3-041222-133109-0013

Lab: EPA Region 3 LTSB

Lab Address: 701 Mapes Road

Lab Contact: [REDACTED]

Lab #	Sample #	CLP Sample #	Tag	Analyses	TAT	Matrix	Container	OrificeID	Start Pressure	Stop Pressure	Sampler	Start_Date	Start_Time	Stop_Date	Stop_Time
220 4008 -01	LOC09-AA-14	C0AB4	1014	VOC by TO-15	14	Air	41815	04967	-30	-6	START	4/11/2022	4:25:00 PM	4/12/2022	11:55:00 AM
-02	LOC10-AA-15	C0AB5	1015	VOC by TO-15	14	Air	41814	04947	-30	-4	START	4/11/2022	4:14:00 PM	4/12/2022	9:04:00 AM

Special Instructions: Sample 1

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[REDACTED] / Jatin Jod	4-12-22 1430	[REDACTED] ESAT	4/13/22 12:20	No temp blank 4/13/22

Cooler #: 2

Lab Contact: _____

022

CHAIN OF CUSTODY #

[REDACTED]

USEPA

DateShipped: 4/13/2022

CarrierName: FedEx

AirbillNo: 7765 6996 1463

CHAIN OF CUSTODY RECORD

Site #: B3AR

DAS #: R36136

Cooler #: 3

No: 3-041322-160223-0015

Lab: EPA Region 3 LTSCB

Lab Address: 701 Mapes Road

Lab Contact: [REDACTED]

Lab #	Sample #	CLP Sample #	Tag	Analyses	TAT	Matrix	Container	OrificeID	Start Pressure	Stop Pressure	Sampler	Start Date	Start Time	Stop Date	Stop Time
2204008 -05	LOC08-AA-20	C0AC0	1020	VOC by TO-15	14	Air	41806	04962	-30	-6	START	4/12/2022	5:50:00 PM	4/13/2022	1:24:00 PM
-06	LOC07-AA-21	C0AC1	1021	VOC by TO-15	14	Air	41811	04950	-29.5	-6	START	4/12/2022	6:20:00 PM	4/13/2022	1:43:00 PM

Special Instructions: *Sampler:* [REDACTED]SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[REDACTED] / <i>Tetra Tech</i>	<i>4-13-22</i> <i>1700</i>	[REDACTED] SAT	<i>4/14/22</i> <i>10:55</i>	<i>No temp</i> <i>blank</i> <i>to 4/14/22</i>

USEPA

DateShipped: 4/13/2022

CarrierName: FedEx

AirbillNo: 7765 6996 1360

CHAIN OF CUSTODY RECORD

Site #: B3AR

DAS #: R36136

Cooler #: 4

No: 3-041322-161334-0016

Lab: EPA Region 3 LTSB

Lab Address: 701 Mapes Road

Lab Contact: [REDACTED]

Lab #	Sample #	CLP Sample #	Tag	Analyses	TAT	Matrix	Container	OrificeID	Start Pressure	Stop Pressure	Sampler	Start Date	Start Time	Stop Date	Stop Time
220 4008															
-07	LOC10-AA-18	C0AB8	1018	VOC by TO-15	14	Air	18136	01678	-30	-6	START	4/12/2022	5:07:00 PM	4/13/2022	2:57:00 PM
-08	LOC09-AA-19	C0AB9	1019	VOC by TO-15	14	Air	41809	04970	-29	-6	START	4/12/2022	5:29:00 PM	4/13/2022	2:40:00 PM

Special Instructions: Sample [REDACTED]

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[REDACTED] / <i>John Jack</i>	4-13-22 1700	[REDACTED] ESAT	4/14/22 10:55	No temp blank 4/14/22

USEPA

DateShipped: 4/20/2022

CarrierName: FedEx

AirbillNo: 7766 2900 4759

CHAIN OF CUSTODY RECORD

Site #: B3AR

DAS #: R36136

Cooler #: 1

No: 3-042022-141928-0017

Lab: EPA Region 3 LTSB

Lab Address: 701 Mapes Road

Lab Contact: [REDACTED]

Lab #	Sample #	CLP Sample #	Tag	Analyses	TAT	Matrix	Container	OrificeID	Start Pressure	Stop Pressure	Sampler	Start Date	Start Time	Stop Date	Stop Time
220 4008															
- 09	LOC08-AA-24	C0AC4	1024	VOC by TO-15	14	Air	41831	04968	-28	-5	START	4/19/2022	5:32:00 PM	4/20/2022	12:36:00 PM
- 10	LOC08-AA-25	C0AC5	1025	VOC by TO-15	14	Air	18127	04965	-28	-5	START	4/19/2022	5:32:00 PM	4/20/2022	12:36:00 PM

Special Instructions:

Sample: [REDACTED]

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[REDACTED] / Jatin Jari	4-20-22 / 1530	[REDACTED] ESAT	4/21/22 / 11:00	NO Temp Blank [REDACTED] 4/21/22

USEPA

DateShipped: 4/20/2022

CarrierName: FedEx

AirbillNo: 7766 2900 4510

CHAIN OF CUSTODY RECORD

Site #: B3AR

DAS #: R36136

Cooler #: 2

No: 3-042022-143319-0018

Lab: EPA Region 3 LTSB

Lab Address: 701 Mapes Road

Lab Contact: [REDACTED]

Lab #	Sample #	CLP Sample #	Tag	Analyses	TAT	Matri x	Container	OrificeID	Start Pressure	Stop Pressure	Sampler	Start_Date	Start_Time	Stop_Date	Stop_Time
2204008 -11	LOC10-AA-22	C0AC2	1022	VOC by TO-15	14	Air	41822	15567	-30	-5	START	4/19/2022	4:14:00 PM	4/20/2022	1:06:00 PM
-12	LOC07-AA-26	C0AC6	1026	VOC by TO-15	14	Air	41820	04948	-29	-5	START	4/19/2022	6:00:00 PM	4/20/2022	12:48:00 PM

Special Instructions: [REDACTED]

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	[REDACTED] / <i>Jetro Jach</i>	4-20-22 1830	[REDACTED] ESAT	4/21/22 / 11:00	No Temp Blank [REDACTED] 4/21/22

DateShipped: 4/25/2022
CarrierName: FedEx
AirbillNo: 7766 4605 3543

CHAIN OF CUSTODY RECORD

Site #: B3AR
DAS #: R36136
Cooler #: 3

No: 3-042022-144626-0019

Lab: EPA Region 3 LTSB
Lab Address: 701 Mapes Road
Lab Contact: [REDACTED]

[illegible]

Special instructions: Vac gauge on Summa read -9" at completion of sampling. Vac gauge on the flow controller reading 0" at

SAMPLES TRANSFER
CHAIN OF CUSTODY

ED FROM

Items/	Donor	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
		[Redacted] / <i>Yester Inc</i>	4-25-22 11:30	[Redacted] SAT	4/26/22 11:15	No temp [Redacted] blank 4/26/22



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC09-AA-14**Lab ID:** 2204008-01**Sample Matrix:** Air**Date Collected:** 04/12/2022

Volatile Organic Compounds

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/20/2022 11:47	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	2.23		112 % 80-120	04/20/20	04/20/2022 11:47	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	14.8	6.2	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Benzene	9.7	3.0	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
2-Butanone	2.6	0.9	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Chloromethane	1.6	0.8	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC09-AA-14**Lab ID:** 2204008-01**Sample Matrix:** Air**Date Collected:** 04/12/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.1	0.4	0.5	J	1	04/14/2022 10:02	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,4-Dioxane	0.8	0.2	0.5	J	1	04/14/2022 10:02	TO-15/R3QA230
Ethanol	17.2	9.0	0.5	K	1	04/14/2022 10:02	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Ethylbenzene	1.2	0.3	0.5	J	1	04/14/2022 10:02	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Heptane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Hexane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
2-Hexanone	1.3	0.3	0.5	J	1	04/14/2022 10:02	TO-15/R3QA230
Isopropyl alcohol	7.8	3.1	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
4-Methyl-2-pentanone	2.0	0.5	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Naphthalene	4.8	0.9	0.5	J	1	04/14/2022 10:02	TO-15/R3QA230
Propylene	2.1	1.2	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Styrene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Tetrahydrofuran	1.4	0.5	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Toluene	1.7	0.5	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/14/2022 10:02	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC09-AA-14**Lab ID:** 2204008-01**Sample Matrix:** Air**Date Collected:** 04/12/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.5	0.3	0.5	J	1	04/14/2022 10:02	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230
m,p-Xylene	1.2	0.3	1.0	J	1	04/14/2022 10:02	TO-15/R3QA230
o-Xylene	U	U	0.5		1	04/14/2022 10:02	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	10.2		102 %	80-120	04/14/20	04/14/2022 10:02	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC10-AA-15**Lab ID:** 2204008-02**Sample Matrix:** Air**Date Collected:** 04/12/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/20/2022 12:41	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	2.30		115 % 80-120	04/20/20	04/20/2022 12:41	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	22.1	9.2	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Benzene	16.9	5.2	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
2-Butanone	5.0	1.7	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Chloromethane	1.8	0.9	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC10-AA-15**Lab ID:** 2204008-02**Sample Matrix:** Air**Date Collected:** 04/12/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.1	0.4	0.5	J	1	04/14/2022 12:45	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Ethanol	46.7	24.6	1.0	K	2	04/14/2022 13:35	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Ethylbenzene	2.0	0.5	0.5		1	04/14/2022 12:45	TO-15/R3QA230
4 Ethyltoluene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Heptane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Hexane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
2-Hexanone	0.8	0.2	0.5	J	1	04/14/2022 12:45	TO-15/R3QA230
Isopropyl alcohol	10.4	4.2	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	04/14/2022 12:45	TO-15/R3QA230
Propylene	2.6	1.5	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Styrene	1.1	0.2	0.5	J	1	04/14/2022 12:45	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Tetrahydrofuran	1.7	0.6	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Toluene	2.3	0.6	0.5		1	04/14/2022 12:45	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/14/2022 12:45	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC10-AA-15**Lab ID:** 2204008-02**Sample Matrix:** Air**Date Collected:** 04/12/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.4	0.3	0.5	J	1	04/14/2022 12:45	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230
m,p-Xylene	1.8	0.4	1.0	J	1	04/14/2022 12:45	TO-15/R3QA230
o-Xylene	U	U	0.5		1	04/14/2022 12:45	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	10.3		103 %	80-120	04/14/20	04/14/2022 12:45	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC08-AA-16**Lab ID:** 2204008-03**Sample Matrix:** Air**Date Collected:** 04/12/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/20/2022 13:35	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	2.16		108 % 80-120	04/20/20	04/20/2022 13:35	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	17.1	7.1	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Benzene	3.2	1.0	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
2-Butanone	1.2	0.4	0.5	J	1	04/14/2022 10:56	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Chloromethane	1.7	0.8	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC08-AA-16**Lab ID:** 2204008-03**Sample Matrix:** Air**Date Collected:** 04/12/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.0	0.4	0.5	J	1	04/14/2022 10:56	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Ethanol	25.6	13.5	0.5	K	1	04/14/2022 10:56	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
4 Ethyltoluene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Heptane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Hexane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	04/14/2022 10:56	TO-15/R3QA230
Isopropyl alcohol	13.4	5.4	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Methyl Methacrylate	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Naphthalene	0.9	0.2	0.5	J	1	04/14/2022 10:56	TO-15/R3QA230
Propylene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Styrene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Toluene	1.8	0.5	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/14/2022 10:56	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC08-AA-16**Lab ID:** 2204008-03**Sample Matrix:** Air**Date Collected:** 04/12/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.4	0.2	0.5	J	1	04/14/2022 10:56	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230
m,p-Xylene	1.1	0.2	1.0	J	1	04/14/2022 10:56	TO-15/R3QA230
o-Xylene	U	U	0.5		1	04/14/2022 10:56	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	10.5		105 %	80-120	04/14/20	04/14/2022 10:56	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC07-AA-17**Lab ID:** 2204008-04**Sample Matrix:** Air**Date Collected:** 04/12/2022

Volatile Organic Compounds

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/20/2022 14:29	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	2.15		108 % 80-120	04/20/20	04/20/2022 14:29	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	14.8	6.2	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Benzene	2.6	0.8	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
2-Butanone	1.5	0.5	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Chloromethane	2.0	0.9	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC07-AA-17**Lab ID:** 2204008-04**Sample Matrix:** Air**Date Collected:** 04/12/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.3	0.5	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Ethanol	15.7	8.2	0.5	K	1	04/14/2022 11:51	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
4 Ethyltoluene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Heptane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Hexane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	04/14/2022 11:51	TO-15/R3QA230
Isopropyl alcohol	11.0	4.4	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	04/14/2022 11:51	TO-15/R3QA230
Propylene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Styrene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Toluene	1.3	0.3	0.5	J	1	04/14/2022 11:51	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/14/2022 11:51	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Trichlorofluoromethane	1.5	0.3	0.5	J	1	04/14/2022 11:51	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC07-AA-17**Lab ID:** 2204008-04**Sample Matrix:** Air**Date Collected:** 04/12/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
1,2,4-Trimethylbenzene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	04/14/2022 11:51	TO-15/R3QA230
o-Xylene	U	U	0.5		1	04/14/2022 11:51	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	10.3		103 %	80-120	04/14/20	04/14/2022 11:51	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC08-AA-20**Lab ID:** 2204008-05**Sample Matrix:** Air**Date Collected:** 04/13/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/20/2022 15:23	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	2.22		111 %	04/20/20	04/20/2022 15:23	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	12.6	5.2	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Benzene	12.2	3.8	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
2-Butanone	3.2	1.1	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Chloromethane	1.7	0.8	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230



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Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC08-AA-20**Lab ID:** 2204008-05**Sample Matrix:** Air**Date Collected:** 04/13/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.1	0.4	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Ethanol	24.4	12.8	0.5	K	1	04/14/2022 17:58	TO-15/R3QA230
Ethyl Acetate	0.7	0.2	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230
Ethylbenzene	2.0	0.4	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230
4 Ethyltoluene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Heptane	0.8	0.2	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Hexane	1.1	0.3	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230
2-Hexanone	0.9	0.2	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230
Isopropyl alcohol	9.7	3.9	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
4-Methyl-2-pentanone	0.8	0.2	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Naphthalene	1.9	0.4	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230
Propylene	3.5	2.0	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Styrene	0.8	0.2	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Tetrahydrofuran	1.3	0.4	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230
Toluene	3.6	1.0	0.5		1	04/14/2022 17:58	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/14/2022 17:58	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC08-AA-20**Lab ID:** 2204008-05**Sample Matrix:** Air**Date Collected:** 04/13/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichloroethene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Trichlorofluoromethane	1.5	0.3	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230
1,2,4-Trimethylbenzene	1.1	0.2	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/14/2022 17:58	TO-15/R3QA230
m,p-Xylene	2.9	0.7	1.0	J	1	04/14/2022 17:58	TO-15/R3QA230
o-Xylene	1.1	0.3	0.5	J	1	04/14/2022 17:58	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate Bromofluorobenzene</i>	11.4		114 %	80-120	04/14/20	04/14/2022 17:58	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC07-AA-21**Lab ID:** 2204008-06**Sample Matrix:** Air**Date Collected:** 04/13/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/20/2022 16:17	TO-15 SIM/R3QA230
Benzene	1.3	0.4	0.02		1	04/20/2022 16:17	TO 15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate Bromofluorobenzene 2.22 111 % 80-120 04/20/20 04/20/2022 16:17 TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	10.8	4.5	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
2-Butanone	1.2	0.4	0.5	J	1	04/14/2022 18:53	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Chloromethane	1.8	0.9	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230



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Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC07-AA-21**Lab ID:** 2204008-06**Sample Matrix:** Air**Date Collected:** 04/13/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.1	0.4	0.5	J	1	04/14/2022 18:53	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Ethanol	19.1	10.0	0.5	K	1	04/14/2022 18:53	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
4 Ethyltoluene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Heptane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Hexane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	04/14/2022 18:53	TO-15/R3QA230
Isopropyl alcohol	5.5	2.2	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	04/14/2022 18:53	TO-15/R3QA230
Propylene	2.1	1.2	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Styrene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Toluene	1.5	0.4	0.5	J	1	04/14/2022 18:53	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/14/2022 18:53	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Trichlorofluoromethane	1.5	0.3	0.5	J	1	04/14/2022 18:53	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC07-AA-21**Lab ID:** 2204008-06**Sample Matrix:** Air**Date Collected:** 04/13/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
1,2,4-Trimethylbenzene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230
m,p-Xylene	1.3	0.3	1.0	J	1	04/14/2022 18:53	TO-15/R3QA230
o-Xylene	U	U	0.5		1	04/14/2022 18:53	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	10.4		104 %	80-120	04/14/20	04/14/2022 18:53	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC10-AA-18**Lab ID:** 2204008-07**Sample Matrix:** Air**Date Collected:** 04/13/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/20/2022 17:11	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	2.30		115 % 80-120	04/20/20	04/20/2022 17:11	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	13.8	5.7	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Benzene	16.9	5.2	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
2-Butanone	3.8	1.3	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Chloromethane	1.7	0.8	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC10-AA-18**Lab ID:** 2204008-07**Sample Matrix:** Air**Date Collected:** 04/13/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.0	0.4	0.5	J	1	04/14/2022 19:46	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Ethanol	26.0	13.7	0.5	K	1	04/14/2022 19:46	TO-15/R3QA230
Ethyl Acetate	0.7	0.2	0.5	J	1	04/14/2022 19:46	TO-15/R3QA230
Ethylbenzene	2.5	0.6	0.5		1	04/14/2022 19:46	TO-15/R3QA230
4 Ethyltoluene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Heptane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Hexane	0.8	0.2	0.5	J	1	04/14/2022 19:46	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	04/14/2022 19:46	TO-15/R3QA230
Isopropyl alcohol	10.4	4.2	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	04/14/2022 19:46	TO-15/R3QA230
Propylene	3.4	2.0	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Styrene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Tetrahydrofuran	1.7	0.6	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Toluene	3.9	1.0	0.5		1	04/14/2022 19:46	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/14/2022 19:46	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC10-AA-18**Lab ID:** 2204008-07**Sample Matrix:** Air**Date Collected:** 04/13/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.4	0.2	0.5	J	1	04/14/2022 19:46	TO-15/R3QA230
1,2,4-Trimethylbenzene	0.9	0.2	0.5	J	1	04/14/2022 19:46	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/14/2022 19:46	TO-15/R3QA230
m,p-Xylene	3.3	0.7	1.0	J	1	04/14/2022 19:46	TO-15/R3QA230
o-Xylene	1.1	0.3	0.5	J	1	04/14/2022 19:46	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	10.1		101 %	80-120	04/14/20	04/14/2022 19:46	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC09-AA-19**Lab ID:** 2204008-08**Sample Matrix:** Air**Date Collected:** 04/13/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/20/2022 18:05	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	2.29		114 % 80-120	04/20/20	04/20/2022 18:05	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	16.6	6.9	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Benzene	24.7	7.7	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
2-Butanone	4.8	1.6	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Chloromethane	1.8	0.9	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC09-AA-19**Lab ID:** 2204008-08**Sample Matrix:** Air**Date Collected:** 04/13/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.1	0.4	0.5	J	1	04/14/2022 20:42	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Ethanol	20.6	10.8	0.5	K	1	04/14/2022 20:42	TO-15/R3QA230
Ethyl Acetate	0.8	0.2	0.5	J	1	04/14/2022 20:42	TO-15/R3QA230
Ethylbenzene	3.3	0.8	0.5		1	04/14/2022 20:42	TO-15/R3QA230
4-Ethyltoluene	0.9	0.2	0.5	J	1	04/14/2022 20:42	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Heptane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Hexane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	04/14/2022 20:42	TO-15/R3QA230
Isopropyl alcohol	6.3	2.6	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	04/14/2022 20:42	TO-15/R3QA230
Propylene	4.8	2.8	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Styrene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Tetrahydrofuran	2.8	0.9	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Toluene	4.0	1.1	0.5		1	04/14/2022 20:42	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/14/2022 20:42	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC09-AA-19**Lab ID:** 2204008-08**Sample Matrix:** Air**Date Collected:** 04/13/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.6	0.3	0.5	J	1	04/14/2022 20:42	TO-15/R3QA230
1,2,4-Trimethylbenzene	1.1	0.2	0.5	J	1	04/14/2022 20:42	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/14/2022 20:42	TO-15/R3QA230
m,p-Xylene	3.6	0.8	1.0	J	1	04/14/2022 20:42	TO-15/R3QA230
o-Xylene	1.2	0.3	0.5	J	1	04/14/2022 20:42	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	10.3		103 %	80-120	04/14/20	04/14/2022 20:42	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC08-AA-24**Lab ID:** 2204008-09**Sample Matrix:** Air**Date Collected:** 04/20/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/28/2022 09:45	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	2.08		104 % 80-120	04/28/20	04/28/2022 09:45	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	13.1	5.5	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Benzene	12.1	3.8	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
2-Butanone	2.8	1.0	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Chloromethane	1.6	0.8	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC08-AA-24**Lab ID:** 2204008-09**Sample Matrix:** Air**Date Collected:** 04/20/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.1	0.4	0.5	J	1	04/26/2022 12:18	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Ethanol	21.2	11.1	0.5	K	1	04/26/2022 12:18	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Ethylbenzene	1.5	0.3	0.5	J	1	04/26/2022 12:18	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Heptane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Hexane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	04/26/2022 12:18	TO-15/R3QA230
Isopropyl alcohol	21.2	8.6	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	04/26/2022 12:18	TO-15/R3QA230
Propylene	3.4	2.0	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Styrene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Tetrahydrofuran	1.2	0.4	0.5	J	1	04/26/2022 12:18	TO-15/R3QA230
Toluene	2.2	0.6	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/26/2022 12:18	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230



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701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC08-AA-24**Lab ID:** 2204008-09**Sample Matrix:** Air**Date Collected:** 04/20/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.5	0.3	0.5	J	1	04/26/2022 12:18	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230
m,p-Xylene	1.7	0.4	1.0	J	1	04/26/2022 12:18	TO-15/R3QA230
o-Xylene	U	U	0.5		1	04/26/2022 12:18	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	9.72		97 %	80-120	04/26/20	04/26/2022 12:18	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC08-AA-25**Lab ID:** 2204008-10**Sample Matrix:** Air**Date Collected:** 04/20/2022

Volatile Organic Compounds

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/28/2022 10:38	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	2.09		104 % 80-120	04/28/20	04/28/2022 10:38	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	10.0	4.2	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Benzene	12.2	3.8	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
2-Butanone	2.8	1.0	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Chloromethane	1.5	0.7	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC08-AA-25**Lab ID:** 2204008-10**Sample Matrix:** Air**Date Collected:** 04/20/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.3	0.5	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Ethanol	17.4	9.1	0.5	K	1	04/26/2022 13:13	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Ethylbenzene	1.5	0.4	0.5	J	1	04/26/2022 13:13	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Heptane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Hexane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	04/26/2022 13:13	TO-15/R3QA230
Isopropyl alcohol	5.4	2.2	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	04/26/2022 13:13	TO-15/R3QA230
Propylene	3.2	1.9	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Styrene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Tetrahydrofuran	1.1	0.4	0.5	J	1	04/26/2022 13:13	TO-15/R3QA230
Toluene	1.9	0.5	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/26/2022 13:13	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
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701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC08-AA-25**Lab ID:** 2204008-10**Sample Matrix:** Air**Date Collected:** 04/20/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.6	0.3	0.5	J	1	04/26/2022 13:13	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230
m,p-Xylene	1.6	0.4	1.0	J	1	04/26/2022 13:13	TO-15/R3QA230
o-Xylene	U	U	0.5		1	04/26/2022 13:13	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	9.64		96 %	80-120	04/26/20	04/26/2022 13:13	TO-15/R3QA230



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701 Mapes Road
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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC10-AA-22**Lab ID:** 2204008-11**Sample Matrix:** Air**Date Collected:** 04/20/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/28/2022 18:40	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	2.08		104 % 80-120	04/28/20	04/28/2022 12:27	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	10.0	4.2	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Benzene	9.1	2.8	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
2-Butanone	2.1	0.7	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Chloromethane	1.3	0.6	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230



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Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC10-AA-22**Lab ID:** 2204008-11**Sample Matrix:** Air**Date Collected:** 04/20/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.1	0.4	0.5	J	1	04/26/2022 15:00	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Ethanol	16.1	8.5	0.5	K	1	04/26/2022 15:00	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Ethylbenzene	1.1	0.3	0.5	J	1	04/26/2022 15:00	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Heptane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Hexane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	04/26/2022 15:00	TO-15/R3QA230
Isopropyl alcohol	8.6	3.5	0.5	K	1	04/26/2022 15:00	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	04/26/2022 15:00	TO-15/R3QA230
Propylene	3.1	1.8	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Styrene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Tetrahydrofuran	0.7	0.2	0.5	J	1	04/26/2022 15:00	TO-15/R3QA230
Toluene	1.4	0.4	0.5	J	1	04/26/2022 15:00	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/26/2022 15:00	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC10-AA-22**Lab ID:** 2204008-11**Sample Matrix:** Air**Date Collected:** 04/20/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.4	0.3	0.5	J	1	04/26/2022 15:00	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230
m,p-Xylene	1.3	0.3	1.0	J	1	04/26/2022 15:00	TO-15/R3QA230
o-Xylene	U	U	0.5		1	04/26/2022 15:00	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	9.52		95 %	80-120	04/26/20	04/26/2022 15:00	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350

**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC07-AA-26**Lab ID:** 2204008-12**Sample Matrix:** Air**Date Collected:** 04/20/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/28/2022 11:32	TO-15 SIM/R3QA230
Benzene	1.2	0.4	0.02		1	04/28/2022 11:32	TO 15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
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Surrogate Bromofluorobenzene 2.07 **104 %** 80-120 04/28/20 04/28/2022 11:32 TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	8.4	3.5	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
2-Butanone	0.9	0.3	0.5	J	1	04/26/2022 14:07	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Chloromethane	1.6	0.8	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC07-AA-26**Lab ID:** 2204008-12**Sample Matrix:** Air**Date Collected:** 04/20/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.3	0.5	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Ethanol	8.1	4.3	0.5	K	1	04/26/2022 14:07	TO-15/R3QA230
Ethyl Acetate	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Ethylbenzene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
4 Ethyltoluene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Heptane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Hexane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	04/26/2022 14:07	TO-15/R3QA230
Isopropyl alcohol	5.1	2.1	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Methylene Chloride	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	04/26/2022 14:07	TO-15/R3QA230
Propylene	1.5	0.8	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Styrene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Tetrahydrofuran	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Toluene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/26/2022 14:07	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Trichlorofluoromethane	1.5	0.3	0.5	J	1	04/26/2022 14:07	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC07-AA-26**Lab ID:** 2204008-12**Sample Matrix:** Air**Date Collected:** 04/20/2022

**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
1,2,4-Trimethylbenzene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230
m,p-Xylene	U	U	1.0		1	04/26/2022 14:07	TO-15/R3QA230
o-Xylene	U	U	0.5		1	04/26/2022 14:07	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	9.42		94 %	80-120	04/26/20	04/26/2022 14:07	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC09-AA-23**Lab ID:** 2204008-13**Sample Matrix:** Air**Date Collected:** 04/20/2022**Volatile Organic Compounds
Targets**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acrolein	U	U	0.02		1	04/28/2022 17:38	TO-15 SIM/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	2.14		107 % 80-120	04/28/20	04/28/2022 17:38	TO-15 SIM/R3QA230

Targets

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Acetone	22.1	9.2	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Benzene	10.8	3.3	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Benzyl chloride	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Bromodichloromethane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Bromoform	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Bromomethane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,3-Butadiene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
2-Butanone	3.1	1.0	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Carbon disulfide	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Carbon Tetrachloride	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Chlorobenzene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Chloroethane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Chloroform	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Chloromethane	1.6	0.8	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Cyclohexane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Dibromochloromethane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,2-Dibromoethane (EDB)	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,2-Dichlorobenzene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,3-Dichlorobenzene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,4-Dichlorobenzene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC09-AA-23**Lab ID:** 2204008-13**Sample Matrix:** Air**Date Collected:** 04/20/2022**Volatile Organic Compounds
Targets (Continued)**

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Dichlorodifluoromethane	2.1	0.4	0.5	J	1	04/26/2022 20:09	TO-15/R3QA230
1,1-Dichloroethane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,2-Dichloroethane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,1-Dichloroethene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
cis-1,2-Dichloroethene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
trans-1,2-Dichloroethene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,2-Dichloropropane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
cis-1,3-Dichloropropene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
trans-1,3-Dichloropropene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Dichlorotetrafluoroethane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,4-Dioxane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Ethanol	29.5	15.5	0.5	K	1	04/26/2022 20:09	TO-15/R3QA230
Ethyl Acetate	0.7	0.2	0.5	J	1	04/26/2022 20:09	TO-15/R3QA230
Ethylbenzene	1.5	0.3	0.5	J	1	04/26/2022 20:09	TO-15/R3QA230
4-Ethyltoluene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Freon 113	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Heptane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Hexachlorobutadiene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Hexane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
2-Hexanone	U	U	0.5	UL	1	04/26/2022 20:09	TO-15/R3QA230
Isopropyl alcohol	41.5	16.7	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Methyl tert-Butyl Ether	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
4-Methyl-2-pentanone	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Methylene Chloride	0.6	0.2	0.5	J	1	04/26/2022 20:09	TO-15/R3QA230
Naphthalene	U	U	0.5	UJ	1	04/26/2022 20:09	TO-15/R3QA230
Propylene	4.1	2.3	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Styrene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,1,2,2-Tetrachloroethane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Tetrachloroethene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Tetrahydrofuran	1.2	0.4	0.5	J	1	04/26/2022 20:09	TO-15/R3QA230
Toluene	4.4	1.2	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,2,4-Trichlorobenzene	U	U	0.5	UJ	1	04/26/2022 20:09	TO-15/R3QA230
1,1,1-Trichloroethane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,1,2-Trichloroethane	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Trichloroethene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230



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**Site Name:** 11184 BRISTOL AIR**Project #:** DAS R36136**Station ID:** LOC09-AA-23**Lab ID:** 2204008-13**Sample Matrix:** Air**Date Collected:** 04/20/2022

Volatile Organic Compounds
Targets (Continued)

Analyte	Result µg/m3	Result ppbv	Quantitation Limit ppbv	Flags Qualifiers	Dilution	Analyzed	Method/SOP#
Trichlorofluoromethane	1.4	0.2	0.5	J	1	04/26/2022 20:09	TO-15/R3QA230
1,2,4-Trimethylbenzene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
1,3,5-Trimethylbenzene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Vinyl acetate	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
Vinyl chloride	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230
m,p-Xylene	1.8	0.4	1.0	J	1	04/26/2022 20:09	TO-15/R3QA230
o-Xylene	U	U	0.5		1	04/26/2022 20:09	TO-15/R3QA230

Surrogates

Analyte	Result ppbv	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate Bromofluorobenzene	10.2		102 %	80-120	04/26/20	04/26/2022 20:09	TO-15/R3QA230



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Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

Tentatively Identified Compound (TIC) Report
Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2204008-01					
Station ID:	LOC09-AA-14					
Sample Matrix:	Air					
Collected:	04/12/2022					
NA	unknown	1.4	T	5.67	04/14/2022 10:02	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2204008-02					
Station ID:	LOC10-AA-15					
Sample Matrix:	Air					
Collected:	04/12/2022					
75-07-0	Acetaldehyde	5.0	T	5.62	04/14/2022 12:45	TO-15/R3QA230
75-18-3	Dimethyl Sulfide	1.0	T	8.75	04/14/2022 12:45	TO-15/R3QA230
NA	unknown (01)	1.2	T	15.92	04/14/2022 12:45	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2204008-03					
Station ID:	LOC08-AA-16					
Sample Matrix:	Air					
Collected:	04/12/2022					
NA	unknown (01)	1.6	T	4.80	04/14/2022 10:56	TO-15/R3QA230
NA	unknown (02)	1.4	T	5.66	04/14/2022 10:56	TO-15/R3QA230
NA	unknown (03)	1.1	T	7.14	04/14/2022 10:56	TO-15/R3QA230



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Environmental Science Center
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Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

Tentatively Identified Compound (TIC) Report

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2204008-04					
Station ID:	LOC07-AA-17					
Sample Matrix:	Air					
Collected:	04/12/2022					
NA	unknown	1.0	T	5.66	04/14/2022 11:51	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2204008-05					
Station ID:	LOC08-AA-20					
Sample Matrix:	Air					
Collected:	04/13/2022					
NA	unknown (01)	3.7	T	4.52	04/14/2022 17:58	TO-15/R3QA230
NA	unknown (02)	1.7	T	4.81	04/14/2022 17:58	TO-15/R3QA230
NA	unknown (03)	1.8	T	4.90	04/14/2022 17:58	TO-15/R3QA230
106-97-8	Butane	2.1	T	5.67	04/14/2022 17:58	TO-15/R3QA230
78-78-4	Butane, 2-methyl-	1.7	T	7.14	04/14/2022 17:58	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2204008-06					
Station ID:	LOC07-AA-21					
Sample Matrix:	Air					
Collected:	04/13/2022					
NA	unknown (01)	3.0	T	4.52	04/14/2022 18:53	TO-15/R3QA230
NA	unknown (02)	1.2	T	4.80	04/14/2022 18:53	TO-15/R3QA230
NA	unknown (03)	1.4	T	4.90	04/14/2022 18:53	TO-15/R3QA230
106-97-8	Butane	1.6	T	5.67	04/14/2022 18:53	TO-15/R3QA230
78-78-4	Butane, 2-methyl-	1.1	T	7.14	04/14/2022 18:53	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

Tentatively Identified Compound (TIC) Report

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2204008-07						
Station ID: LOC10-AA-18						
Sample Matrix: Air						
Collected: 04/13/2022						
106-97-8	Butane	1.8	T	5.67	04/14/2022 19:46	TO-15/R3QA230
78-78-4	Butane, 2-methyl-	1.5	T	7.14	04/14/2022 19:46	TO-15/R3QA230
75-18-3	Dimethyl Sulfide	1.2	T	8.76	04/14/2022 19:46	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2204008-08						
Station ID: LOC09-AA-19						
Sample Matrix: Air						
Collected: 04/13/2022						
106-97-8	Butane	1.3	T	5.67	04/14/2022 20:42	TO-15/R3QA230
78-78-4	Butane, 2-methyl-	1.3	T	7.14	04/14/2022 20:42	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2204008-09						
Station ID: LOC08-AA-24						
Sample Matrix: Air						
Collected: 04/20/2022						
106-97-8	Butane	1.4	T	5.67	04/26/2022 12:18	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

Tentatively Identified Compound (TIC) Report

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2204008-10						
Station ID: LOC08-AA-25						
Sample Matrix: Air						
Collected: 04/20/2022						
NA	unknown (01)	5.7	T	4.53	04/26/2022 13:13	TO-15/R3QA230
NA	unknown (02)	2.1	T	4.82	04/26/2022 13:13	TO-15/R3QA230
NA	unknown (03)	3.0	T	4.91	04/26/2022 13:13	TO-15/R3QA230
NA	unknown (04)	1.0	T	5.67	04/26/2022 13:13	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2204008-11						
Station ID: LOC10-AA-22						
Sample Matrix: Air						
Collected: 04/20/2022						
NA	unknown	1.5	T	4.53	04/26/2022 15:00	TO-15/R3QA230
106-97-8	Butane	1.6	T	5.67	04/26/2022 15:00	TO-15/R3QA230

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID: 2204008-12						
Station ID: LOC07-AA-26						
Sample Matrix: Air						
Collected: 04/20/2022						
NA	None Detected	0.0			04/26/2022 14:07	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

Tentatively Identified Compound (TIC) Report

Volatile Organic Compounds

CAS Number	Compound	Result ppbv	Analyte Qualifiers	Retention Time	Analyzed	Method/SOP#
Lab ID:	2204008-13					
Station ID:	LOC09-AA-23					
Sample Matrix:	Air					
Collected:	04/20/2022					
NA	unknown (01)	2.1	T	4.53	04/26/2022 20:09	TO-15/R3QA230
NA	unknown (02)	1.2	T	4.91	04/26/2022 20:09	TO-15/R3QA230
106-97-8	Butane	1.7	T	5.67	04/26/2022 20:09	TO-15/R3QA230
78-78-4	Butane, 2-methyl-	2.2	T	7.14	04/26/2022 20:09	TO-15/R3QA230
109-66-0	Pentane	9.0	T	7.81	04/26/2022 20:09	TO-15/R3QA230



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
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Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

Blank (BE20402 BLK1)

Prepared & Analyzed: 04/14/2022 08:34

Acetone	U	0.5	ppbv
Acrolein	U	0.5	"
Benzene	U	0.5	"
Benzyl chloride	U	0.5	"
Bromodichloromethane	U	0.5	"
Bromoform	U	0.5	"
Bromomethane	U	0.5	"
1,3-Butadiene	U	0.5	"
2-Butanone	U	0.5	"
Carbon disulfide	U	0.5	"
Carbon Tetrachloride	U	0.5	"
Chlorobenzene	U	0.5	"
Chloroethane	U	0.5	"
Chloroform	U	0.5	"
Chloromethane	U	0.5	"
Cyclohexane	U	0.5	"
Dibromochloromethane	U	0.5	"
1,2-Dibromoethane (EDB)	U	0.5	"
1,2-Dichlorobenzene	U	0.5	"
1,3-Dichlorobenzene	U	0.5	"
1,4-Dichlorobenzene	U	0.5	"
Dichlorodifluoromethane	U	0.5	"
1,1-Dichloroethane	U	0.5	"
1,2-Dichloroethane	U	0.5	"
1,1-Dichloroethene	U	0.5	"
cis-1,2-Dichloroethene	U	0.5	"
trans-1,2-Dichloroethene	U	0.5	"
1,2-Dichloropropane	U	0.5	"
cis-1,3-Dichloropropene	U	0.5	"
trans-1,3-Dichloropropene	U	0.5	"
Dichlorotetrafluoroethane	U	0.5	"
1,4-Dioxane	U	0.5	"
Ethanol	U	0.5	"
Ethyl Acetate	U	0.5	"
Ethylbenzene	U	0.5	"
4-Ethyltoluene	U	0.5	"
Freon 113	U	0.5	"
Heptane	U	0.5	"
Hexachlorobutadiene	U	0.5	"
Hexane	U	0.5	"
2-Hexanone	U	0.5	"

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
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Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

Blank (BE20402 BLK1)

Prepared & Analyzed: 04/14/2022 08:34

Isopropyl alcohol	U	0.5	ppbv							
Methyl tert-Butyl Ether	U	0.5	"							
4-Methyl-2-pentanone	U	0.5	"							
Methylene Chloride	U	0.5	"							
Naphthalene	U	0.5	"							UJ
Propylene	U	0.5	"							
Styrene	U	0.5	"							
1,1,2,2-Tetrachloroethane	U	0.5	"							
Tetrachloroethene	U	0.5	"							
Tetrahydrofuran	U	0.5	"							
Toluene	U	0.5	"							
1,2,4-Trichlorobenzene	U	0.5	"							UJ
1,1,1-Trichloroethane	U	0.5	"							
1,1,2-Trichloroethane	U	0.5	"							
Trichloroethene	U	0.5	"							
Trichlorofluoromethane	U	0.5	"							
1,2,4-Trimethylbenzene	U	0.5	"							
1,3,5-Trimethylbenzene	U	0.5	"							
Vinyl acetate	U	0.5	"							
Vinyl chloride	U	0.5	"							
m,p-Xylene	U	1.0	"							
o-Xylene	U	0.5	"							
Surrogate: Bromofluorobenzene	9.21		"	10.000		92	80-120			

Blank (BE20402-BLK2)

Prepared: 04/26/2022 09:05 Analyzed: 04/26/2022 11:16

Acetone	U	0.5	ppbv							
Acrolein	U	0.5	"							
Benzene	U	0.5	"							
Benzyl chloride	U	0.5	"							
Bromodichloromethane	U	0.5	"							
Bromoform	U	0.5	"							
Bromomethane	U	0.5	"							
1,3-Butadiene	U	0.5	"							
2-Butanone	U	0.5	"							
Carbon disulfide	U	0.5	"							
Carbon Tetrachloride	U	0.5	"							
Chlorobenzene	U	0.5	"							
Chloroethane	U	0.5	"							
Chloroform	U	0.5	"							
Chloromethane	U	0.5	"							
Cyclohexane	U	0.5	"							



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Site Name: 11184 BRISTOL AIR

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QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

Blank (BE20402 BLK2)

Prepared: 04/26/2022 09:05 Analyzed: 04/26/2022 11:16

Dibromochloromethane	U	0.5	ppbv							
1,2-Dibromoethane (EDB)	U	0.5	"							
1,2-Dichlorobenzene	U	0.5	"							
1,3-Dichlorobenzene	U	0.5	"							
1,4-Dichlorobenzene	U	0.5	"							
Dichlorodifluoromethane	U	0.5	"							
1,1-Dichloroethane	U	0.5	"							
1,2-Dichloroethane	U	0.5	"							
1,1-Dichloroethene	U	0.5	"							
cis-1,2-Dichloroethene	U	0.5	"							
trans-1,2-Dichloroethene	U	0.5	"							
1,2-Dichloropropane	U	0.5	"							
cis-1,3-Dichloropropene	U	0.5	"							
trans-1,3-Dichloropropene	U	0.5	"							
Dichlorotetrafluoroethane	U	0.5	"							
1,4-Dioxane	U	0.5	"							
Ethanol	U	0.5	"							
Ethyl Acetate	U	0.5	"							
Ethylbenzene	U	0.5	"							
4-Ethyltoluene	U	0.5	"							
Freon 113	U	0.5	"							
Heptane	U	0.5	"							
Hexachlorobutadiene	U	0.5	"							
Hexane	U	0.5	"							
2-Hexanone	U	0.5	"							UL
Isopropyl alcohol	U	0.5	"							
Methyl tert-Butyl Ether	U	0.5	"							
4-Methyl-2-pentanone	U	0.5	"							
Methylene Chloride	U	0.5	"							
Naphthalene	U	0.5	"							UJ
Propylene	U	0.5	"							
Styrene	U	0.5	"							
1,1,2,2-Tetrachloroethane	U	0.5	"							
Tetrachloroethene	U	0.5	"							
Tetrahydrofuran	U	0.5	"							
Toluene	U	0.5	"							
1,2,4-Trichlorobenzene	U	0.5	"							UJ
1,1,1-Trichloroethane	U	0.5	"							
1,1,2-Trichloroethane	U	0.5	"							
Trichloroethene	U	0.5	"							
Trichlorofluoromethane	U	0.5	"							



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

Blank (BE20402 BLK2)

Prepared: 04/26/2022 09:05 Analyzed: 04/26/2022 11:16

1,2,4-Trimethylbenzene	U	0.5	ppbv							
1,3,5-Trimethylbenzene	U	0.5	"							
Vinyl acetate	U	0.5	"							
Vinyl chloride	U	0.5	"							
m,p-Xylene	U	1.0	"							
o-Xylene	U	0.5	"							
Surrogate: Bromofluorobenzene	9.04		"	10.000		90	80-120			

LCS (BE20402-BS1)

Prepared: 04/14/2022 08:05 Analyzed: 04/14/2022 16:13

Acetone	5.35200	0.5	ppbv	5.0000		107	70-130			
Acrolein	5.87400	0.5	"	5.0000		117	70-130			
Benzene	5.43100	0.5	"	5.0000		109	70-130			
Benzyl chloride	5.51900	0.5	"	5.0000		110	70-130			
Bromodichloromethane	5.33100	0.5	"	5.0000		107	70-130			
Bromoform	5.49100	0.5	"	5.0000		110	70-130			
Bromomethane	5.08200	0.5	"	5.0000		102	70-130			
1,3-Butadiene	5.40400	0.5	"	5.0000		108	70-130			
2-Butanone	5.26300	0.5	"	5.0000		105	70-130			
Carbon disulfide	5.49700	0.5	"	5.0000		110	70-130			
Carbon Tetrachloride	5.19400	0.5	"	5.0000		104	70-130			
Chlorobenzene	5.03800	0.5	"	5.0000		101	70-130			
Chloroethane	5.16400	0.5	"	5.0000		103	70-130			
Chloroform	5.42000	0.5	"	5.0000		108	70-130			
Chloromethane	4.96100	0.5	"	5.0000		99	70-130			
Cyclohexane	5.64300	0.5	"	5.0000		113	70-130			
Dibromochloromethane	5.10100	0.5	"	5.0000		102	70-130			
1,2-Dibromoethane (EDB)	5.07700	0.5	"	5.0000		102	70-130			
1,2-Dichlorobenzene	5.23000	0.5	"	5.0000		105	70-130			
1,3-Dichlorobenzene	5.58100	0.5	"	5.0000		112	70-130			
1,4-Dichlorobenzene	5.49400	0.5	"	5.0000		110	70-130			
Dichlorodifluoromethane	5.11400	0.5	"	5.0000		102	70-130			
1,1-Dichloroethane	5.66600	0.5	"	5.0000		113	70-130			
1,2-Dichloroethane	5.28100	0.5	"	5.0000		106	70-130			
1,1-Dichloroethene	5.73600	0.5	"	5.0000		115	70-130			
cis-1,2-Dichloroethene	5.55600	0.5	"	5.0000		111	70-130			
trans-1,2-Dichloroethene	5.52000	0.5	"	5.0000		110	70-130			
1,2-Dichloropropane	5.42500	0.5	"	5.0000		108	70-130			
cis-1,3-Dichloropropene	5.20700	0.5	"	5.0000		104	70-130			
trans-1,3-Dichloropropene	4.85600	0.5	"	5.0000		97	70-130			
Dichlorotetrafluoroethane	5.07200	0.5	"	5.0000		101	70-130			
1,4-Dioxane	5.04900	0.5	"	5.0000		101	70-130			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

LCS (BE20402-BS1)

Prepared: 04/14/2022 08:05

Analyzed: 04/14/2022 16:13

Ethanol	5 62900	0.5	ppbv	5 0000		113	70-130			
Ethyl Acetate	5 28500	0.5	"	5 0000		106	70-130			
Ethylbenzene	5 17300	0.5	"	5 0000		103	70-130			
4-Ethyltoluene	5 27500	0.5	"	5 0000		106	70-130			
Freon 113	5 50200	0.5	"	5 0000		110	70-130			
Heptane	5 53200	0.5	"	5 0000		111	70-130			
Hexachlorobutadiene	5 11700	0.5	"	5 0000		102	70-130			
Hexane	5 97300	0.5	"	5 0000		119	70-130			
2-Hexanone	4 65900	0.5	"	5 0000		93	70-130			
Isopropyl alcohol	5 66700	0.5	"	5 0000		113	70-130			
Methyl tert-Butyl Ether	5 63500	0.5	"	5 0000		113	70-130			
4-Methyl-2-pentanone	5 12700	0.5	"	5 0000		103	70-130			
Methylene Chloride	5 51100	0.5	"	5 0000		110	70-130			
Naphthalene	5 27000	0.5	"	5 0000		105	70-130			
Propylene	5 37500	0.5	"	5 0000		108	70-130			
Styrene	5 56200	0.5	"	5 0000		111	70-130			
1,1,2,2-Tetrachloroethane	5 37800	0.5	"	5 0000		108	70-130			
Tetrachloroethene	5 11200	0.5	"	5 0000		102	70-130			
Tetrahydrofuran	5 20100	0.5	"	5 0000		104	70-130			
Toluene	5 29800	0.5	"	5 0000		106	70-130			
1,2,4-Trichlorobenzene	5 75100	0.5	"	5 0000		115	70-130			
1,1,1-Trichloroethane	5 40600	0.5	"	5 0000		108	70-130			
1,1,2-Trichloroethane	5 16000	0.5	"	5 0000		103	70-130			
Trichloroethene	5 32900	0.5	"	5 0000		107	70-130			
Trichlorofluoromethane	5 07800	0.5	"	5 0000		102	70-130			
1,2,4-Trimethylbenzene	5 56400	0.5	"	5 0000		111	70-130			
1,3,5-Trimethylbenzene	5 43200	0.5	"	5 0000		109	70-130			
Vinyl acetate	4 70300	0.5	"	5 0000		94	70-130			
Vinyl chloride	5 11200	0.5	"	5 0000		102	70-130			
m,p-Xylene	10 1060	1.0	"	10 000		101	70-130			
o-Xylene	5 47200	0.5	"	5 0000		109	70-130			
Surrogate: Bromofluorobenzene	10.8		"	10.000		108	80-120			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

LCS (BE20402-BS2)

Prepared: 04/26/2022 09:05

Analyzed: 04/26/2022 18:28

Acetone	6 17200	0.5	ppbv	5 0000	123	70-130
Acrolein	6 19100	0.5	"	5 0000	124	70-130
Benzene	5 75100	0.5	"	5 0000	115	70-130
Benzyl chloride	5 38700	0.5	"	5 0000	108	70-130
Bromodichloromethane	5 70100	0.5	"	5 0000	114	70-130
Bromoform	5 13300	0.5	"	5 0000	103	70-130
Bromomethane	5 87500	0.5	"	5 0000	118	70-130
1,3-Butadiene	5 86800	0.5	"	5 0000	117	70-130
2-Butanone	5 32900	0.5	"	5 0000	107	70-130
Carbon disulfide	5 91500	0.5	"	5 0000	118	70-130
Carbon Tetrachloride	5 59600	0.5	"	5 0000	112	70-130
Chlorobenzene	5 25400	0.5	"	5 0000	105	70-130
Chloroethane	6 09900	0.5	"	5 0000	122	70-130
Chloroform	5 77900	0.5	"	5 0000	116	70-130
Chloromethane	5 90200	0.5	"	5 0000	118	70-130
Cyclohexane	5 75500	0.5	"	5 0000	115	70-130
Dibromochloromethane	5 25900	0.5	"	5 0000	105	70-130
1,2-Dibromoethane (EDB)	5 22100	0.5	"	5 0000	104	70-130
1,2-Dichlorobenzene	5 05300	0.5	"	5 0000	101	70-130
1,3-Dichlorobenzene	5 37300	0.5	"	5 0000	107	70-130
1,4-Dichlorobenzene	5 36000	0.5	"	5 0000	107	70-130
Dichlorodifluoromethane	5 77600	0.5	"	5 0000	116	70-130
1,1-Dichloroethane	6 14100	0.5	"	5 0000	123	70-130
1,2-Dichloroethane	5 28800	0.5	"	5 0000	106	70-130
1,1-Dichloroethene	6 02100	0.5	"	5 0000	120	70-130
cis-1,2-Dichloroethene	5 80300	0.5	"	5 0000	116	70-130
trans-1,2-Dichloroethene	5 99100	0.5	"	5 0000	120	70-130
1,2-Dichloropropane	5 82200	0.5	"	5 0000	116	70-130
cis-1,3-Dichloropropene	5 41500	0.5	"	5 0000	108	70-130
trans-1,3-Dichloropropene	5 05100	0.5	"	5 0000	101	70-130
Dichlorotetrafluoroethane	5 96800	0.5	"	5 0000	119	70-130
1,4-Dioxane	5 49000	0.5	"	5 0000	110	70-130
Ethanol	7 05500	0.5	"	5 0000	141	70-130
Ethyl Acetate	5 74400	0.5	"	5 0000	115	70-130
Ethylbenzene	5 38900	0.5	"	5 0000	108	70-130
4-Ethyltoluene	5 36400	0.5	"	5 0000	107	70-130
Freon 113	5 69100	0.5	"	5 0000	114	70-130
Heptane	5 90900	0.5	"	5 0000	118	70-130
Hexachlorobutadiene	4 88200	0.5	"	5 0000	98	70-130
Hexane	6 36500	0.5	"	5 0000	127	70-130
2-Hexanone	5 27200	0.5	"	5 0000	105	70-130

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

LCS (BE20402-BS2)

Prepared: 04/26/2022 09:05

Analyzed: 04/26/2022 18:28

Isopropyl alcohol	6 36300	0.5	ppbv	5 0000		127	70-130		
Methyl tert-Butyl Ether	5 77700	0.5	"	5 0000		116	70-130		
4-Methyl-2-pentanone	5 66200	0.5	"	5 0000		113	70-130		
Methylene Chloride	5 86900	0.5	"	5 0000		117	70-130		
Naphthalene	5 29200	0.5	"	5 0000		106	70-130		
Propylene	6 23500	0.5	"	5 0000		125	70-130		
Styrene	5 23600	0.5	"	5 0000		105	70-130		
1,1,2,2-Tetrachloroethane	5 32800	0.5	"	5 0000		107	70-130		
Tetrachloroethene	5 22500	0.5	"	5 0000		104	70-130		
Tetrahydrofuran	5 31400	0.5	"	5 0000		106	70-130		
Toluene	5 51200	0.5	"	5 0000		110	70-130		
1,2,4-Trichlorobenzene	5 14900	0.5	"	5 0000		103	70-130		
1,1,1-Trichloroethane	5 68500	0.5	"	5 0000		114	70-130		
1,1,2-Trichloroethane	5 41000	0.5	"	5 0000		108	70-130		
Trichloroethene	5 49800	0.5	"	5 0000		110	70-130		
Trichlorofluoromethane	5 87200	0.5	"	5 0000		117	70-130		
1,2,4-Trimethylbenzene	5 39000	0.5	"	5 0000		108	70-130		
1,3,5-Trimethylbenzene	5 06100	0.5	"	5 0000		101	70-130		
Vinyl acetate	4 66600	0.5	"	5 0000		93	70-130		
Vinyl chloride	5 95800	0.5	"	5 0000		119	70-130		
m,p-Xylene	10 7440	1.0	"	10 000		107	70-130		
o-Xylene	5 37500	0.5	"	5 0000		108	70-130		
Surrogate: Bromofluorobenzene	9.88		"	10.000		99	80-120		

Matrix Spike (BE20402-MS1)

Source: 2204008-02RE1

Prepared: 04/14/2022 08:05

Analyzed: 04/14/2022 14:28

Acetone	9 26900	0.5	ppbv	5 0000	4 00300	105	70-130		
Acrolein	5 73900	0.5	"	5 0000	U	115	70-130		
Benzene	7 36200	0.5	"	5 0000	2 41400	99	70-130		
Benzyl chloride	6 24600	0.5	"	5 0000	U	125	70-130		
Bromodichloromethane	4 92700	0.5	"	5 0000	U	99	70-130		
Bromoform	4 88200	0.5	"	5 0000	U	98	70-130		
Bromomethane	5 27200	0.5	"	5 0000	U	105	70-130		
1,3-Butadiene	5 56100	0.5	"	5 0000	U	111	70-130		
2-Butanone	6 44500	0.5	"	5 0000	0 733000	114	70-130		
Carbon disulfide	5 30800	0.5	"	5 0000	U	106	70-130		
Carbon Tetrachloride	4 98000	0.5	"	5 0000	U	100	70-130		
Chlorobenzene	4 46600	0.5	"	5 0000	U	89	70-130		
Chloroethane	5 43000	0.5	"	5 0000	U	109	70-130		
Chloroform	5 13300	0.5	"	5 0000	U	103	70-130		
Chloromethane	5 36200	0.5	"	5 0000	0 514000	97	70-130		
Cyclohexane	5 39900	0.5	"	5 0000	U	108	70-130		



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

Matrix Spike (BE20402 MS1)

Source: 2204008-02RE1

Prepared: 04/14/2022 08:05

Analyzed: 04/14/2022 14:28

Dibromochloromethane	4 49800	0.5	ppbv	5 0000	U	90	70-130	
1,2-Dibromoethane (EDB)	4 60300	0.5	"	5 0000	U	92	70-130	
1,2-Dichlorobenzene	5 39900	0.5	"	5 0000	U	108	70-130	
1,3-Dichlorobenzene	5 65700	0.5	"	5 0000	U	113	70-130	
1,4-Dichlorobenzene	5 77500	0.5	"	5 0000	U	116	70-130	
Dichlorodifluoromethane	4 37900	0.5	"	5 0000	0 227000	83	70-130	
1,1-Dichloroethane	5 40600	0.5	"	5 0000	U	108	70-130	
1,2-Dichloroethane	4 96000	0.5	"	5 0000	U	99	70-130	
1,1-Dichloroethene	5 48700	0.5	"	5 0000	U	110	70-130	
cis-1,2-Dichloroethene	5 33100	0.5	"	5 0000	U	107	70-130	
trans-1,2-Dichloroethene	5 35300	0.5	"	5 0000	U	107	70-130	
1,2-Dichloropropane	4 97800	0.5	"	5 0000	U	100	70-130	
cis-1,3-Dichloropropene	4 76200	0.5	"	5 0000	U	95	70-130	
trans-1,3-Dichloropropene	4 57100	0.5	"	5 0000	U	91	70-130	
Dichlorotetrafluoroethane	4 98500	0.5	"	5 0000	U	100	70-130	
1,4-Dioxane	5 56600	0.5	"	5 0000	U	111	70-130	
Ethanol	18 3650	0.5	"	5 0000	12 2930	121	70-130	
Ethyl Acetate	5 41300	0.5	"	5 0000	U	108	70-130	
Ethylbenzene	4 91100	0.5	"	5 0000	0 248000	93	70-130	
4-Ethyltoluene	5 48700	0.5	"	5 0000	U	110	70-130	
Freon 113	5 17800	0.5	"	5 0000	U	104	70-130	
Heptane	5 15100	0.5	"	5 0000	U	103	70-130	
Hexachlorobutadiene	5 30200	0.5	"	5 0000	U	106	70-130	
Hexane	5 73100	0.5	"	5 0000	U	115	70-130	
2-Hexanone	5 66400	0.5	"	5 0000	U	113	70-130	
Isopropyl alcohol	8 02400	0.5	"	5 0000	1 74000	126	70-130	
Methyl Methacrylate	5 16300	0.5	"	5 0000	U	103	70-130	
Methyl tert-Butyl Ether	5 21300	0.5	"	5 0000	U	104	70-130	
4-Methyl-2-pentanone	5 79200	0.5	"	5 0000	U	116	70-130	
Methylene Chloride	5 37200	0.5	"	5 0000	U	107	70-130	
Naphthalene	6 54500	0.5	"	5 0000	U	131	70-130	A
Propylene	5 97200	0.5	"	5 0000	0 720000	105	70-130	
Styrene	5 17100	0.5	"	5 0000	U	103	70-130	
1,1,2,2-Tetrachloroethane	5 13500	0.5	"	5 0000	U	103	70-130	
Tetrachloroethene	4 51500	0.5	"	5 0000	U	90	70-130	
Tetrahydrofuran	5 72200	0.5	"	5 0000	0 258000	109	70-130	
Toluene	5 01000	0.5	"	5 0000	0 310000	94	70-130	
1,2,4-Trichlorobenzene	7 48700	0.5	"	5 0000	U	150	70-130	A
1,1,1-Trichloroethane	5 06000	0.5	"	5 0000	U	101	70-130	
1,1,2-Trichloroethane	4 66200	0.5	"	5 0000	U	93	70-130	
Trichloroethene	4 99500	0.5	"	5 0000	U	100	70-130	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

Matrix Spike (BE20402 MS1)		Source: 2204008-02RE1		Prepared: 04/14/2022 08:05		Analyzed: 04/14/2022 14:28			
Trichlorofluoromethane	5 32900	0.5	ppbv	5 0000	U	107	70-130		
1,2,4-Trimethylbenzene	5 70800	0.5	"	5 0000	U	114	70-130		
1,3,5-Trimethylbenzene	5 05000	0.5	"	5 0000	U	101	70-130		
Vinyl acetate	4 45900	0.5	"	5 0000	U	89	70-130		
Vinyl chloride	5 35800	0.5	"	5 0000	U	107	70-130		
m,p-Xylene	9 39800	1.0	"	10 000	0 210000	92	70-130		
o-Xylene	4 68000	0.5	"	5 0000	U	94	70-130		
Surrogate: Bromofluorobenzene	10.8		"	10.000		108	80-120		

Matrix Spike (BE20402-MS2)		Source: 2204008-11RE1		Prepared: 04/26/2022 09:05		Analyzed: 04/26/2022 16:43			
Acetone	7 91500	0.5	ppbv	5 0000	2 04300	117	70-130		
Acrolein	5 68900	0.5	"	5 0000	U	114	70-130		
Benzene	6 91000	0.5	"	5 0000	1 36100	111	70-130		
Benzyl chloride	5 25900	0.5	"	5 0000	U	105	70-130		
Bromodichloromethane	5 48400	0.5	"	5 0000	U	110	70-130		
Bromoform	4 71200	0.5	"	5 0000	U	94	70-130		
Bromomethane	5 67800	0.5	"	5 0000	U	114	70-130		
1,3-Butadiene	5 77900	0.5	"	5 0000	U	116	70-130		
2-Butanone	5 40200	0.5	"	5 0000	0 284000	102	70-130		
Carbon disulfide	5 68400	0.5	"	5 0000	U	114	70-130		
Carbon Tetrachloride	5 45400	0.5	"	5 0000	U	109	70-130		
Chlorobenzene	4 81800	0.5	"	5 0000	U	96	70-130		
Chloroethane	5 79900	0.5	"	5 0000	U	116	70-130		
Chloroform	5 53500	0.5	"	5 0000	U	111	70-130		
Chloromethane	6 06800	0.5	"	5 0000	0 395000	113	70-130		
Cyclohexane	5 65500	0.5	"	5 0000	U	113	70-130		
Dibromochloromethane	4 91400	0.5	"	5 0000	U	98	70-130		
1,2-Dibromoethane (EDB)	4 78200	0.5	"	5 0000	U	96	70-130		
1,2-Dichlorobenzene	4 92400	0.5	"	5 0000	U	98	70-130		
1,3-Dichlorobenzene	5 18900	0.5	"	5 0000	U	104	70-130		
1,4-Dichlorobenzene	5 24700	0.5	"	5 0000	U	105	70-130		
Dichlorodifluoromethane	4 93500	0.5	"	5 0000	0 249000	94	70-130		
1,1-Dichloroethane	5 80800	0.5	"	5 0000	U	116	70-130		
1,2-Dichloroethane	5 49400	0.5	"	5 0000	U	110	70-130		
1,1-Dichloroethene	5 63500	0.5	"	5 0000	U	113	70-130		
cis-1,2-Dichloroethene	5 39300	0.5	"	5 0000	U	108	70-130		
trans-1,2-Dichloroethene	5 71100	0.5	"	5 0000	U	114	70-130		
1,2-Dichloropropane	5 64200	0.5	"	5 0000	U	113	70-130		
cis-1,3-Dichloropropene	5 10100	0.5	"	5 0000	U	102	70-130		
trans-1,3-Dichloropropene	4 64200	0.5	"	5 0000	U	93	70-130		
Dichlorotetrafluoroethane	5 76200	0.5	"	5 0000	U	115	70-130		



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

Matrix Spike (BE20402 MS2)

Source: 2204008-11RE1

Prepared: 04/26/2022 09:05

Analyzed: 04/26/2022 16:43

1,4-Dioxane	5 74400	0.5	ppbv	5 0000	U	115	70-130			
Ethanol	11 0860	0.5	"	5 0000	4 07600	140	70-130			A
Ethyl Acetate	5 29800	0.5	"	5 0000	U	106	70-130			
Ethylbenzene	5 06000	0.5	"	5 0000	U	101	70-130			
4-Ethyltoluene	5 13800	0.5	"	5 0000	U	103	70-130			
Freon 113	5 56400	0.5	"	5 0000	U	111	70-130			
Heptane	5 78600	0.5	"	5 0000	U	116	70-130			
Hexachlorobutadiene	4 92400	0.5	"	5 0000	U	98	70-130			
Hexane	5 98300	0.5	"	5 0000	U	120	70-130			
2-Hexanone	5 52700	0.5	"	5 0000	U	111	70-130			
Isopropyl alcohol	8 14200	0.5	"	5 0000	1 58600	131	70-130			A
Methyl Methacrylate	4 94600	0.5	"	5 0000	U	99	70-130			
Methyl tert-Butyl Ether	5 22800	0.5	"	5 0000	U	105	70-130			
4-Methyl-2-pentanone	6 16700	0.5	"	5 0000	U	123	70-130			
Methylene Chloride	5 73300	0.5	"	5 0000	U	115	70-130			
Naphthalene	5 28000	0.5	"	5 0000	U	106	70-130			
Propylene	6 81100	0.5	"	5 0000	0 877000	119	70-130			
Styrene	4 91600	0.5	"	5 0000	U	98	70-130			
1,1,2,2-Tetrachloroethane	4 98900	0.5	"	5 0000	U	100	70-130			
Tetrachloroethene	4 92100	0.5	"	5 0000	U	98	70-130			
Tetrahydrofuran	4 98700	0.5	"	5 0000	U	100	70-130			
Toluene	4 96200	0.5	"	5 0000	U	99	70-130			
1,2,4-Trichlorobenzene	4 97000	0.5	"	5 0000	U	99	70-130			
1,1,1-Trichloroethane	5 44100	0.5	"	5 0000	U	109	70-130			
1,1,2-Trichloroethane	4 65900	0.5	"	5 0000	U	93	70-130			
Trichloroethene	5 33200	0.5	"	5 0000	U	107	70-130			
Trichlorofluoromethane	5 79600	0.5	"	5 0000	U	116	70-130			
1,2,4-Trimethylbenzene	5 27700	0.5	"	5 0000	U	106	70-130			
1,3,5-Trimethylbenzene	4 85700	0.5	"	5 0000	U	97	70-130			
Vinyl acetate	3 93900	0.5	"	5 0000	U	79	70-130			
Vinyl chloride	5 84400	0.5	"	5 0000	U	117	70-130			
m,p-Xylene	9 99500	1.0	"	10 000	U	100	70-130			
o-Xylene	5 01100	0.5	"	5 0000	U	100	70-130			
Surrogate: Bromofluorobenzene	9.89		"	10.000		99	80-120			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

Matrix Spike Dup (BE20402-MSD1)		Source: 2204008-02RE1		Prepared: 04/14/2022 08:05		Analyzed: 04/14/2022 15:22				
Acetone	9 23100	0.5	ppbv	5 0000	4 00300	105	70-130	0.7	25	
Acrolein	6 01900	0.5	"	5 0000	U	120	70-130	5	25	
Benzene	7 32800	0.5	"	5 0000	2 41400	98	70-130	0.7	25	
Benzyl chloride	5 98700	0.5	"	5 0000	U	120	70-130	4	25	
Bromodichloromethane	4 89500	0.5	"	5 0000	U	98	70-130	0.7	25	
Bromoform	4 33700	0.5	"	5 0000	U	87	70-130	12	25	
Bromomethane	5 25200	0.5	"	5 0000	U	105	70-130	0.4	25	
1,3-Butadiene	5 18600	0.5	"	5 0000	U	104	70-130	7	25	
2-Butanone	6 38200	0.5	"	5 0000	0 733000	113	70-130	1	25	
Carbon disulfide	5 30500	0.5	"	5 0000	U	106	70-130	0.06	25	
Carbon Tetrachloride	4 93800	0.5	"	5 0000	U	99	70-130	0.8	25	
Chlorobenzene	4 48300	0.5	"	5 0000	U	90	70-130	0.4	25	
Chloroethane	5 37100	0.5	"	5 0000	U	107	70-130	1	25	
Chloroform	5 14600	0.5	"	5 0000	U	103	70-130	0.3	25	
Chloromethane	5 28900	0.5	"	5 0000	0 514000	96	70-130	2	25	
Cyclohexane	5 42200	0.5	"	5 0000	U	108	70-130	0.4	25	
Dibromochloromethane	4 56000	0.5	"	5 0000	U	91	70-130	1	25	
1,2-Dibromoethane (EDB)	4 58100	0.5	"	5 0000	U	92	70-130	0.5	25	
1,2-Dichlorobenzene	4 97900	0.5	"	5 0000	U	100	70-130	8	25	
1,3-Dichlorobenzene	5 20200	0.5	"	5 0000	U	104	70-130	8	25	
1,4-Dichlorobenzene	5 33500	0.5	"	5 0000	U	107	70-130	8	25	
Dichlorodifluoromethane	4 58000	0.5	"	5 0000	0 227000	87	70-130	5	25	
1,1-Dichloroethane	5 44100	0.5	"	5 0000	U	109	70-130	0.6	25	
1,2-Dichloroethane	4 96600	0.5	"	5 0000	U	99	70-130	0.1	25	
1,1-Dichloroethene	5 53400	0.5	"	5 0000	U	111	70-130	0.9	25	
cis-1,2-Dichloroethene	5 29700	0.5	"	5 0000	U	106	70-130	0.6	25	
trans-1,2-Dichloroethene	5 34400	0.5	"	5 0000	U	107	70-130	0.2	25	
1,2-Dichloropropane	4 98700	0.5	"	5 0000	U	100	70-130	0.2	25	
cis-1,3-Dichloropropene	4 59300	0.5	"	5 0000	U	92	70-130	4	25	
trans-1,3-Dichloropropene	4 45300	0.5	"	5 0000	U	89	70-130	3	25	
Dichlorotetrafluoroethane	4 98100	0.5	"	5 0000	U	100	70-130	0.08	25	
1,4-Dioxane	5 47900	0.5	"	5 0000	U	110	70-130	2	25	
Ethanol	18 4130	0.5	"	5 0000	12 2930	122	70-130	0.8	25	
Ethyl Acetate	5 08100	0.5	"	5 0000	U	102	70-130	6	25	
Ethylbenzene	4 88800	0.5	"	5 0000	0 248000	93	70-130	0.5	25	
4-Ethyltoluene	5 07000	0.5	"	5 0000	U	101	70-130	8	25	
Freon 113	5 14800	0.5	"	5 0000	U	103	70-130	0.6	25	
Heptane	5 17700	0.5	"	5 0000	U	104	70-130	0.5	25	
Hexachlorobutadiene	4 95100	0.5	"	5 0000	U	99	70-130	7	25	
Hexane	5 77000	0.5	"	5 0000	U	115	70-130	0.7	25	
2-Hexanone	6 18600	0.5	"	5 0000	U	124	70-130	9	25	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

Matrix Spike Dup (BE20402-MSD1)

Source: 2204008-02RE1

Prepared: 04/14/2022 08:05

Analyzed: 04/14/2022 15:22

Isopropyl alcohol	7 94000	0.5	ppbv	5 0000	1 74000	124	70-130	1	25	
Methyl Methacrylate	4 83800	0.5	"	5 0000	U	97	70-130	6	25	
Methyl tert-Butyl Ether	5 20500	0.5	"	5 0000	U	104	70-130	0.2	25	
4-Methyl-2-pentanone	5 84900	0.5	"	5 0000	U	117	70-130	1	25	
Methylene Chloride	5 37200	0.5	"	5 0000	U	107	70-130	0	25	
Naphthalene	7 44600	0.5	"	5 0000	U	149	70-130	13	25	A
Propylene	6 09700	0.5	"	5 0000	0 720000	108	70-130	2	25	
Styrene	5 18400	0.5	"	5 0000	U	104	70-130	0.3	25	
1,1,2,2-Tetrachloroethane	4 67400	0.5	"	5 0000	U	93	70-130	9	25	
Tetrachloroethene	4 61900	0.5	"	5 0000	U	92	70-130	2	25	
Tetrahydrofuran	5 69100	0.5	"	5 0000	0 258000	109	70-130	0.6	25	
Toluene	5 03300	0.5	"	5 0000	0 310000	94	70-130	0.5	25	
1,2,4-Trichlorobenzene	7 35800	0.5	"	5 0000	U	147	70-130	2	25	A
1,1,1-Trichloroethane	5 08600	0.5	"	5 0000	U	102	70-130	0.5	25	
1,1,2-Trichloroethane	4 70200	0.5	"	5 0000	U	94	70-130	0.9	25	
Trichloroethene	5 02500	0.5	"	5 0000	U	100	70-130	0.6	25	
Trichlorofluoromethane	5 29000	0.5	"	5 0000	U	106	70-130	0.7	25	
1,2,4-Trimethylbenzene	5 26200	0.5	"	5 0000	U	105	70-130	8	25	
1,3,5-Trimethylbenzene	4 64500	0.5	"	5 0000	U	93	70-130	8	25	
Vinyl acetate	3 97800	0.5	"	5 0000	U	80	70-130	11	25	
Vinyl chloride	5 22300	0.5	"	5 0000	U	104	70-130	3	25	
m,p-Xylene	9 34300	1.0	"	10 000	0 210000	91	70-130	0.6	25	
o-Xylene	4 65300	0.5	"	5 0000	U	93	70-130	0.6	25	

Surrogate: Bromofluorobenzene

10.1

"

10.000

101

80-120

Matrix Spike Dup (BE20402-MSD2)

Source: 2204008-11RE1

Prepared: 04/26/2022 09:05

Analyzed: 04/26/2022 17:37

Acetone	7 97500	0.5	ppbv	5 0000	2 04300	119	70-130	1	25	
Acrolein	5 81800	0.5	"	5 0000	U	116	70-130	2	25	
Benzene	6 96100	0.5	"	5 0000	1 36100	112	70-130	0.9	25	
Benzyl chloride	5 27200	0.5	"	5 0000	U	105	70-130	0.2	25	
Bromodichloromethane	5 92600	0.5	"	5 0000	U	119	70-130	8	25	
Bromoform	4 68300	0.5	"	5 0000	U	94	70-130	0.6	25	
Bromomethane	5 64000	0.5	"	5 0000	U	113	70-130	0.7	25	
1,3-Butadiene	5 52600	0.5	"	5 0000	U	111	70-130	4	25	
2-Butanone	5 55200	0.5	"	5 0000	0 284000	105	70-130	3	25	
Carbon disulfide	5 70000	0.5	"	5 0000	U	114	70-130	0.3	25	
Carbon Tetrachloride	5 40400	0.5	"	5 0000	U	108	70-130	0.9	25	
Chlorobenzene	4 80400	0.5	"	5 0000	U	96	70-130	0.3	25	
Chloroethane	5 87200	0.5	"	5 0000	U	117	70-130	1	25	
Chloroform	5 56400	0.5	"	5 0000	U	111	70-130	0.5	25	
Chloromethane	5 74900	0.5	"	5 0000	0 395000	107	70-130	6	25	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Environmental Science Center
Region 3 Laboratory
701 Mapes Road
Fort Meade, Maryland 20755-5350



Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

Matrix Spike Dup (BE20402-MSD2)		Source: 2204008-11RE1		Prepared: 04/26/2022 09:05		Analyzed: 04/26/2022 17:37				
Cyclohexane	5 66500	0.5	ppbv	5 0000	U	113	70-130	0.2	25	
Dibromochloromethane	4 88800	0.5	"	5 0000	U	98	70-130	0.5	25	
1,2-Dibromoethane (EDB)	4 77600	0.5	"	5 0000	U	96	70-130	0.1	25	
1,2-Dichlorobenzene	4 92700	0.5	"	5 0000	U	99	70-130	0.06	25	
1,3-Dichlorobenzene	5 18500	0.5	"	5 0000	U	104	70-130	0.08	25	
1,4-Dichlorobenzene	5 21300	0.5	"	5 0000	U	104	70-130	0.7	25	
Dichlorodifluoromethane	4 93700	0.5	"	5 0000	0.249000	94	70-130	0.04	25	
1,1-Dichloroethane	5 87200	0.5	"	5 0000	U	117	70-130	1	25	
1,2-Dichloroethane	5 53200	0.5	"	5 0000	U	111	70-130	0.7	25	
1,1-Dichloroethene	5 78400	0.5	"	5 0000	U	116	70-130	3	25	
cis-1,2-Dichloroethene	5 50800	0.5	"	5 0000	U	110	70-130	2	25	
trans-1,2-Dichloroethene	5 78800	0.5	"	5 0000	U	116	70-130	1	25	
1,2-Dichloropropane	5 61800	0.5	"	5 0000	U	112	70-130	0.4	25	
cis-1,3-Dichloropropene	5 46000	0.5	"	5 0000	U	109	70-130	7	25	
trans-1,3-Dichloropropene	4 94800	0.5	"	5 0000	U	99	70-130	6	25	
Dichlorotetrafluoroethane	5 46200	0.5	"	5 0000	U	109	70-130	5	25	
1,4-Dioxane	6 05300	0.5	"	5 0000	U	121	70-130	5	25	
Ethanol	11 2680	0.5	"	5 0000	4.07600	144	70-130	3	25	A
Ethyl Acetate	5 44100	0.5	"	5 0000	U	109	70-130	3	25	
Ethylbenzene	5 06100	0.5	"	5 0000	U	101	70-130	0.02	25	
4-Ethyltoluene	5 15400	0.5	"	5 0000	U	103	70-130	0.3	25	
Freon 113	5 43000	0.5	"	5 0000	U	109	70-130	2	25	
Heptane	5 74400	0.5	"	5 0000	U	115	70-130	0.7	25	
Hexachlorobutadiene	4 96000	0.5	"	5 0000	U	99	70-130	0.7	25	
Hexane	6 09400	0.5	"	5 0000	U	122	70-130	2	25	
2-Hexanone	5 63100	0.5	"	5 0000	U	113	70-130	2	25	
Isopropyl alcohol	8 30200	0.5	"	5 0000	1.58600	134	70-130	2	25	A
Methyl Methacrylate	5 03300	0.5	"	5 0000	U	101	70-130	2	25	
Methyl tert-Butyl Ether	5 30600	0.5	"	5 0000	U	106	70-130	1	25	
4-Methyl-2-pentanone	6 57700	0.5	"	5 0000	U	132	70-130	6	25	A
Methylene Chloride	5 73200	0.5	"	5 0000	U	115	70-130	0.02	25	
Naphthalene	5 59500	0.5	"	5 0000	U	112	70-130	6	25	
Propylene	6 72200	0.5	"	5 0000	0.877000	117	70-130	2	25	
Styrene	4 91400	0.5	"	5 0000	U	98	70-130	0.04	25	
1,1,2,2-Tetrachloroethane	5 00100	0.5	"	5 0000	U	100	70-130	0.2	25	
Tetrachloroethene	4 88300	0.5	"	5 0000	U	98	70-130	0.8	25	
Tetrahydrofuran	5 12700	0.5	"	5 0000	U	103	70-130	3	25	
Toluene	5 30400	0.5	"	5 0000	U	106	70-130	7	25	
1,2,4-Trichlorobenzene	5 16100	0.5	"	5 0000	U	103	70-130	4	25	
1,1,1-Trichloroethane	5 44300	0.5	"	5 0000	U	109	70-130	0.04	25	
1,1,2-Trichloroethane	5 01800	0.5	"	5 0000	U	100	70-130	7	25	



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Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20402 - TO air

Matrix Spike Dup (BE20402-MSD2)		Source: 2204008-11RE1		Prepared: 04/26/2022 09:05		Analyzed: 04/26/2022 17:37				
Trichloroethene	5 31100	0 5	ppbv	5 0000	U	106	70-130	0 4	25	
Trichlorofluoromethane	5 69900	0 5	"	5 0000	U	114	70-130	2	25	
1,2,4-Trimethylbenzene	5 27000	0 5	"	5 0000	U	105	70-130	0 1	25	
1,3,5-Trimethylbenzene	4 82700	0 5	"	5 0000	U	97	70-130	0 6	25	
Vinyl acetate	3 93600	0 5	"	5 0000	U	79	70-130	0 08	25	
Vinyl chloride	5 66800	0 5	"	5 0000	U	113	70-130	3	25	
m,p-Xylene	9 96900	1 0	"	10 000	U	100	70-130	0 3	25	
o-Xylene	4 99900	0 5	"	5 0000	U	100	70-130	0 2	25	
Surrogate: Bromofluorobenzene	9.87		"	10.000		99	80-120			

Batch BE20501 - TO air

Blank (BE20501-BLK1)				Prepared: 04/20/2022 07:56		Analyzed: 04/20/2022 10:25				
Acrolein	U	0 02	ppbv							
Benzene	U	0 02	"							
Surrogate: Bromofluorobenzene	1.75		"	2.0000		88	80-120			
Blank (BE20501-BLK2)				Prepared: 04/28/2022 07:56		Analyzed: 04/28/2022 08:49				
Acrolein	U	0 02	ppbv							
Benzene	U	0 02	"							
Surrogate: Bromofluorobenzene	1.83		"	2.0000		92	80-120			
LCS (BE20501-BS1)				Prepared: 04/20/2022 07:56		Analyzed: 04/20/2022 21:34				
Acrolein	0 253000	0 02	ppbv	0 25000		101	70-130			
Benzene	0 259000	0 02	"	0 25000		104	70-130			
Surrogate: Bromofluorobenzene	1.90		"	2.0000		95	80-120			



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Site Name: 11184 BRISTOL AIR

Project #: DAS R36136

QC Data
Volatile Organic Compounds

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BE20501 - TO air

LCS (BE20501-BS2)				Prepared: 04/28/2022 07:56		Analyzed: 04/28/2022 15:56				
Acrolein	0.225000	0.02	ppbv	0.25000		90	70-130			
Benzene	0.261000	0.02	"	0.25000		104	70-130			
Surrogate: Bromofluorobenzene	1.84		"	2.0000		92	80-120			
Matrix Spike (BE20501-MS1)				Source: 2204008-08RE1		Prepared: 04/20/2022 07:56		Analyzed: 04/20/2022 19:49		
Acrolein	0.350000	0.02	ppbv	0.25000	U	140	70-130			A
Surrogate: Bromofluorobenzene	2.32		"	2.0000		116	80-120			
Matrix Spike (BE20501-MS2)				Source: 2204008-11RE1		Prepared: 04/28/2022 07:56		Analyzed: 04/28/2022 14:11		
Acrolein	0.323000	0.02	ppbv	0.25000	U	129	70-130			
Surrogate: Bromofluorobenzene	1.97		"	2.0000		98	80-120			
Matrix Spike Dup (BE20501-MSD1)				Source: 2204008-08RE1		Prepared: 04/20/2022 07:56		Analyzed: 04/20/2022 20:43		
Acrolein	0.369000	0.02	ppbv	0.25000	U	148	70-130	5	25	A
Surrogate: Bromofluorobenzene	2.11		"	2.0000		106	80-120			
Matrix Spike Dup (BE20501-MSD2)				Source: 2204008-11RE1		Prepared: 04/28/2022 07:56		Analyzed: 04/28/2022 15:05		
Acrolein	0.389000	0.02	ppbv	0.25000	U	156	70-130	19	25	A
Surrogate: Bromofluorobenzene	1.99		"	2.0000		100	80-120			



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Project #: DAS R36136

Notes and Definitions

UL	The analyte was not detected. The quantitation limit is probably higher due to indications of a low bias.
UJ	The analyte was not detected at or above the quantitation limit. The quantitation limit is an estimate.
T	Tentatively Identified Compound. Identified as a result of a library search using the EPA/NIST Mass Spectral Library. Standards were not used to verify the identity and quantity of the compound. The reported value is an estimate.
K	The identification of the analyte is acceptable; the reported value may be biased high. The actual value is expected to be less than the reported value. Reported value is an estimate.
J	The identification of the analyte is acceptable; the reported value is an estimate.
A	Quality control value is outside acceptance limits.
%REC	Percent Recovery
RPD	Relative Percent Difference
U	Analyte included in the analysis, but not detected at or above the quantitation limit.
NR	Not Reported

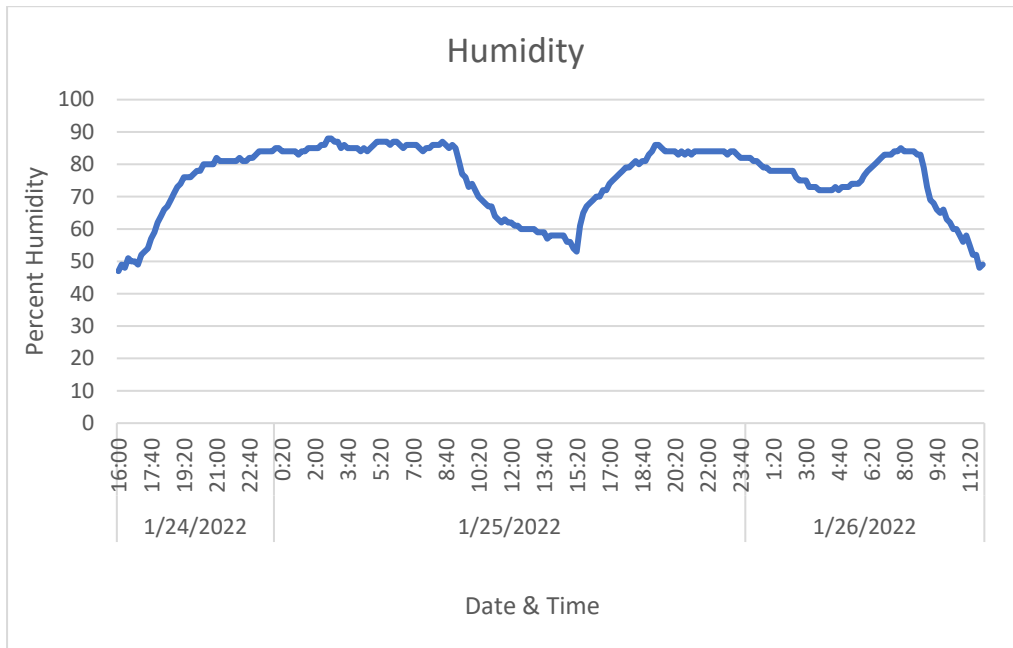
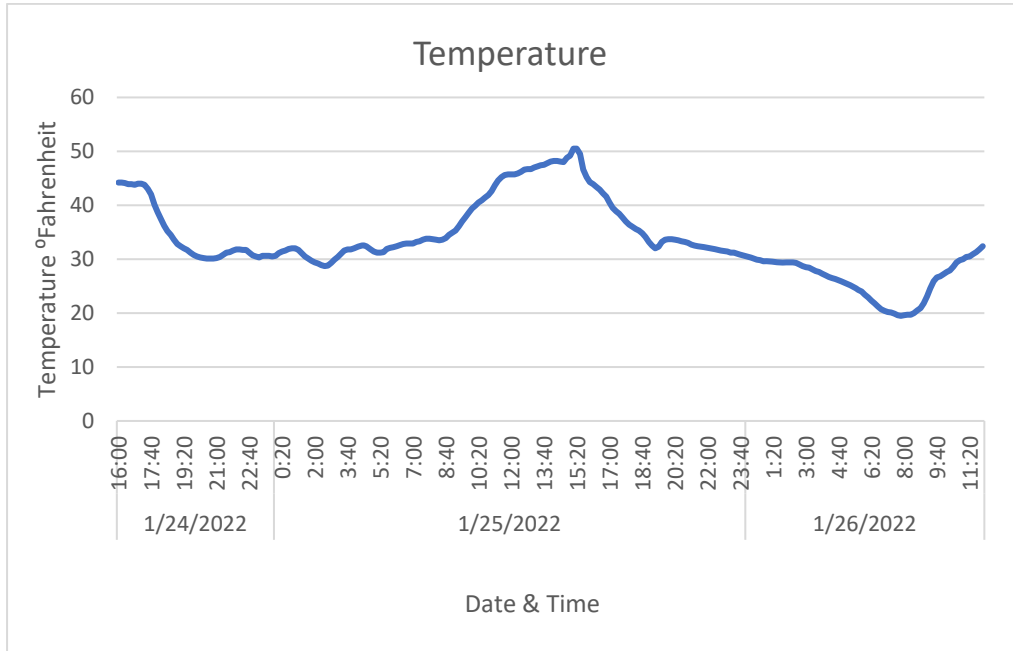
Quantitation Limit: The lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method and that takes into account analytical adjustments made during sample preparation and analysis.

SOLID SAMPLE RESULTS - REPORTING PROTOCOL: Solid samples where % Solids (percent dry wt at 105 degrees C) has been performed, are analyzed wet and converted to a dry weight result for reporting purposes. This is routine for organics and most inorganic analyses. When metals and mercury analyses are requested, solid samples are routinely analyzed and reported on a dry weight basis. Solid samples for metals/mercury are prepared for analysis by an initial drying at 60 degree C and homogenization before digestion. Oil-type samples will be analyzed and reported on a wet weight basis for all analyses because of the nature of the sample. Any exceptions to the protocol will be noted with a qualifier

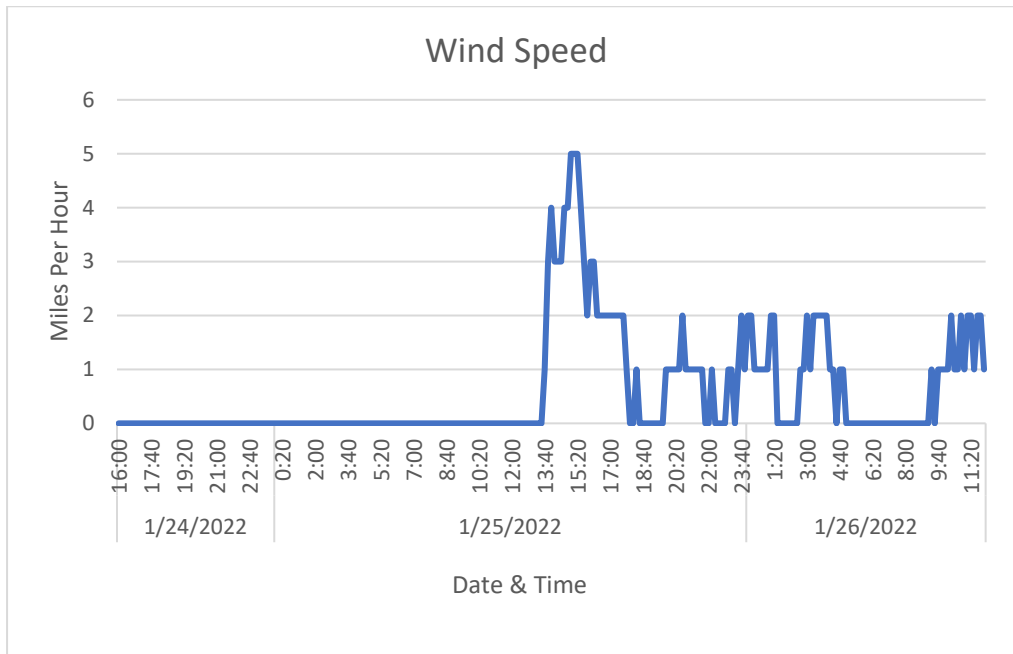
ATTACHMENT 5
WEATHER GRAPHS

Attachment 5 - Weather Graphs

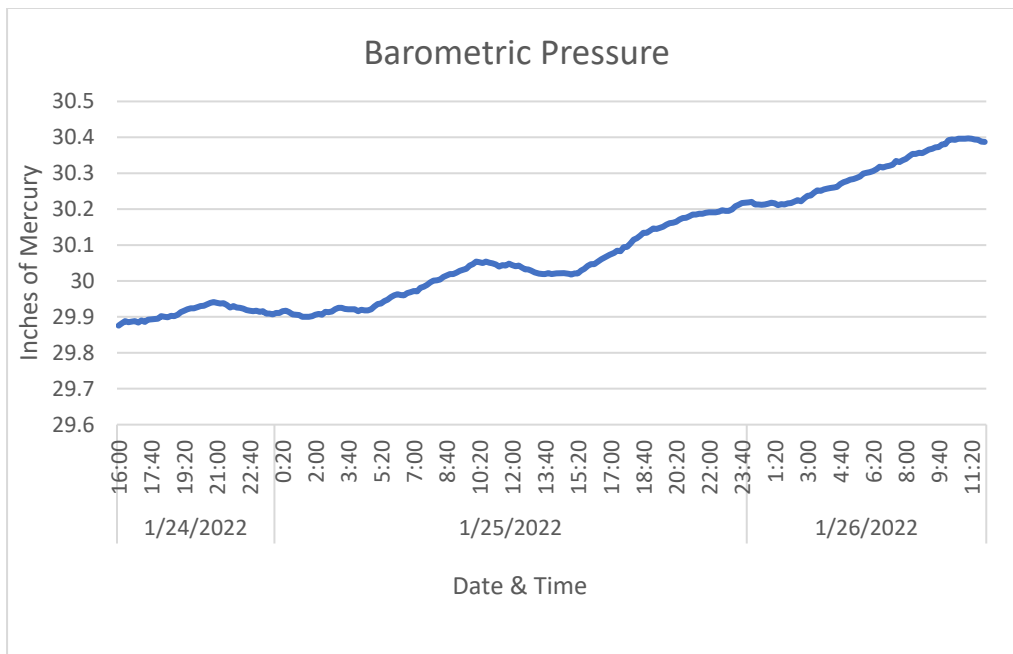
January 24-26, 2022



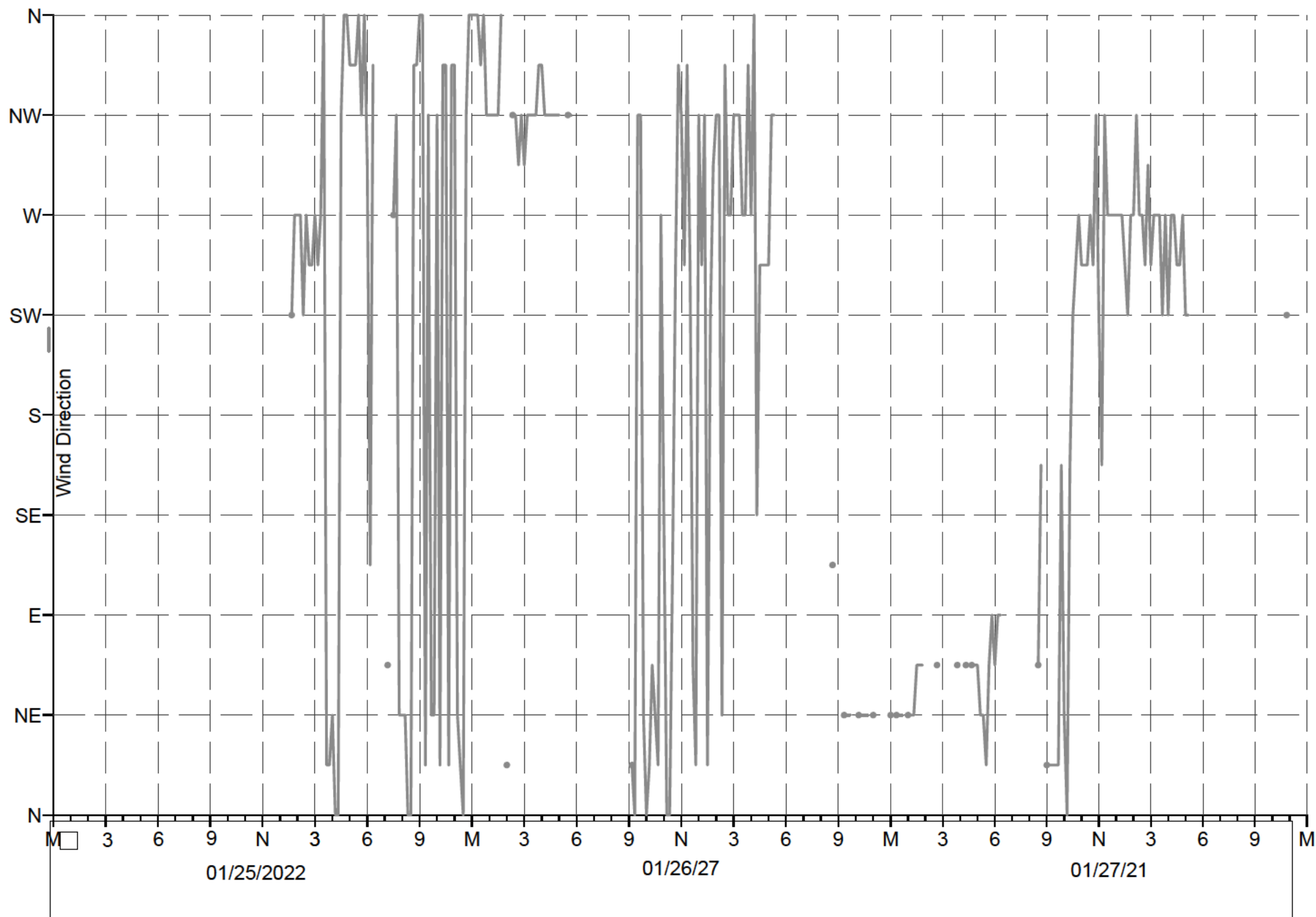
Attachment 5 - Weather Graphs January 24-26, 2022



- Note: Anemometer Was defective until 1/25/2022 when it was replaced.

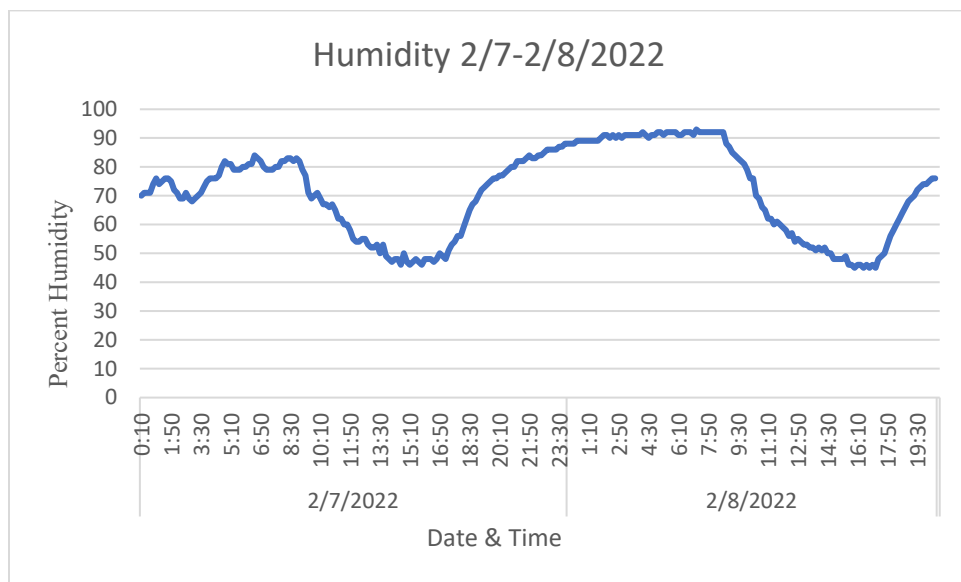
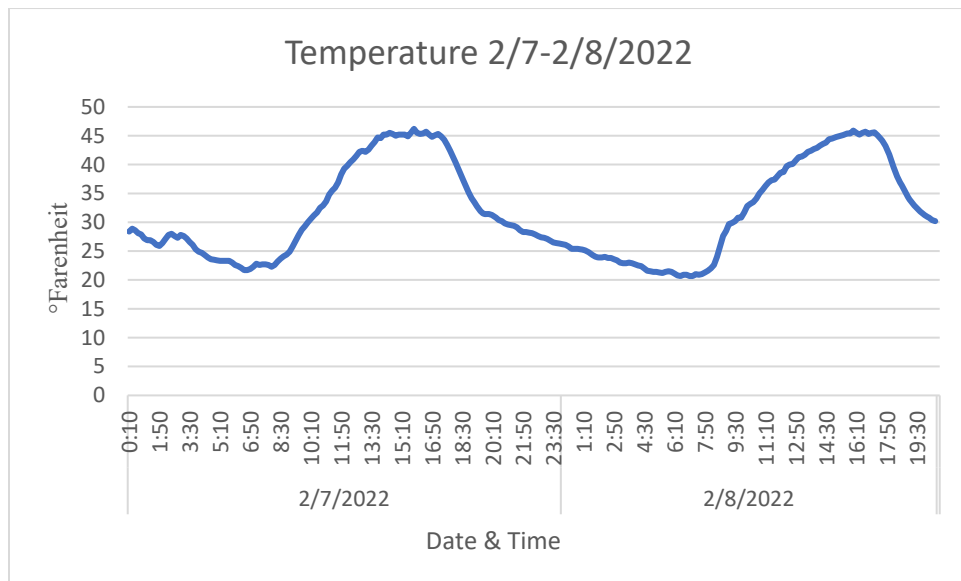


ATTACHMENT 5 - Weather Graphs January 25 to 26, 2022
Wind Direction

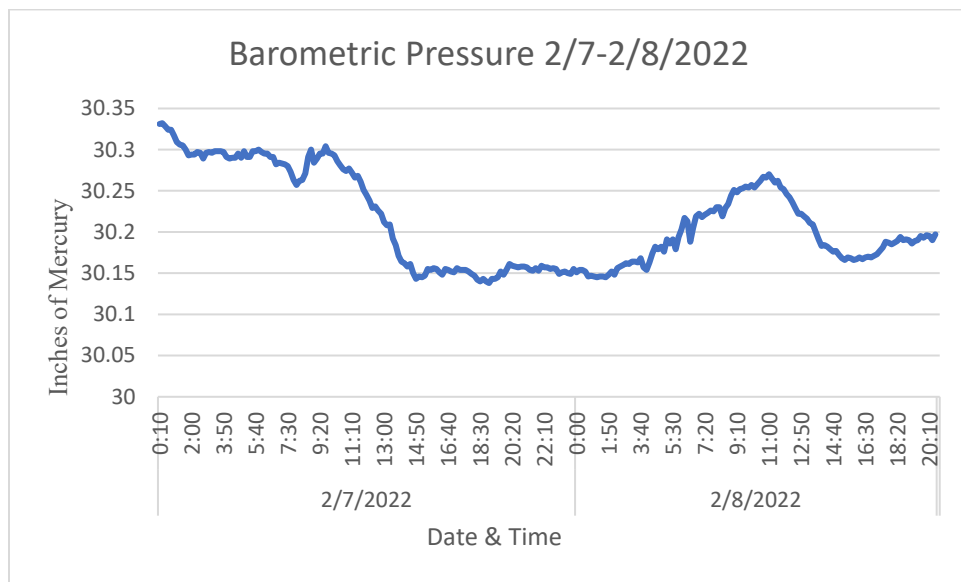
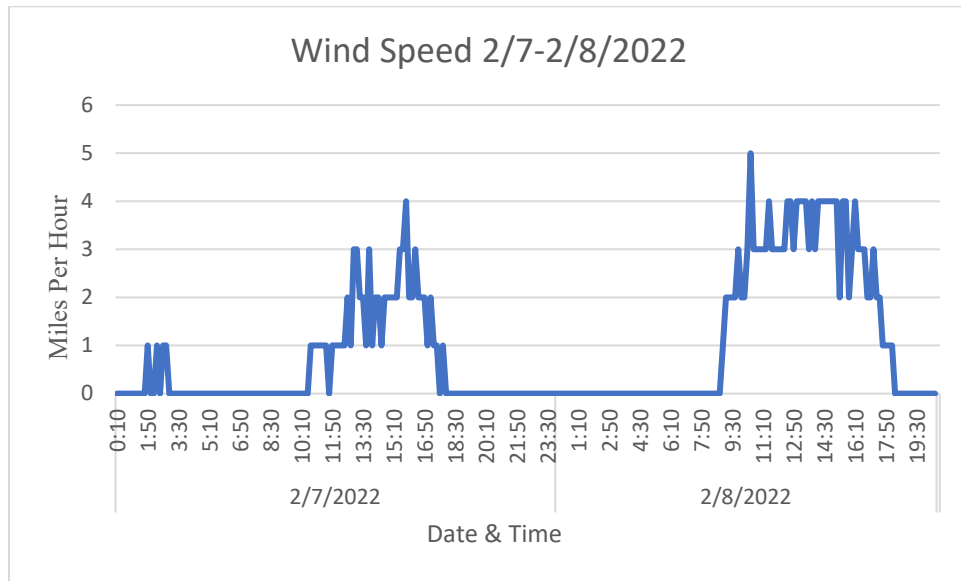


Attachment 5 - Weather Graphs

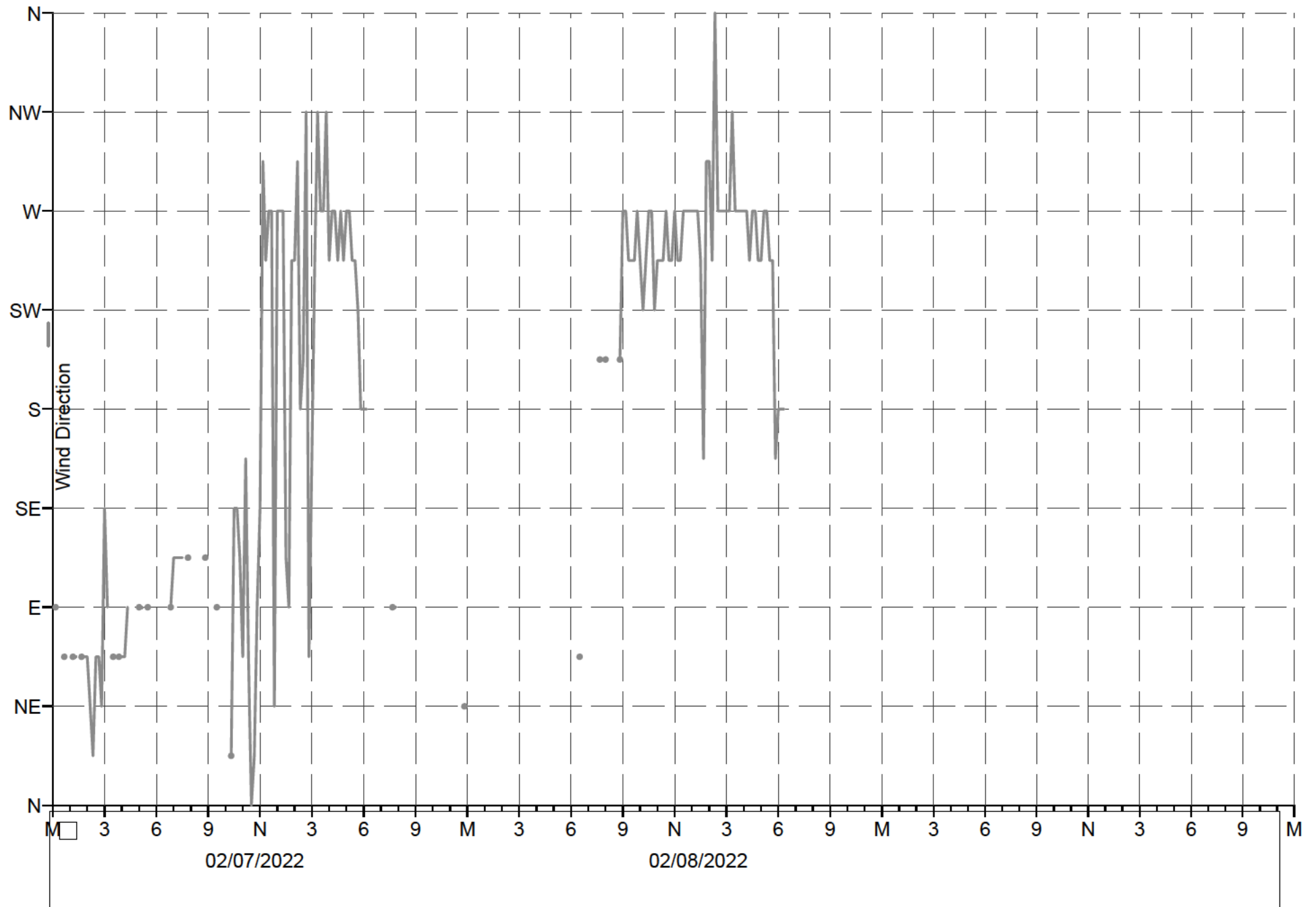
February 7-8, 2022



Attachment 5 - Weather Graphs February 7-8, 2022

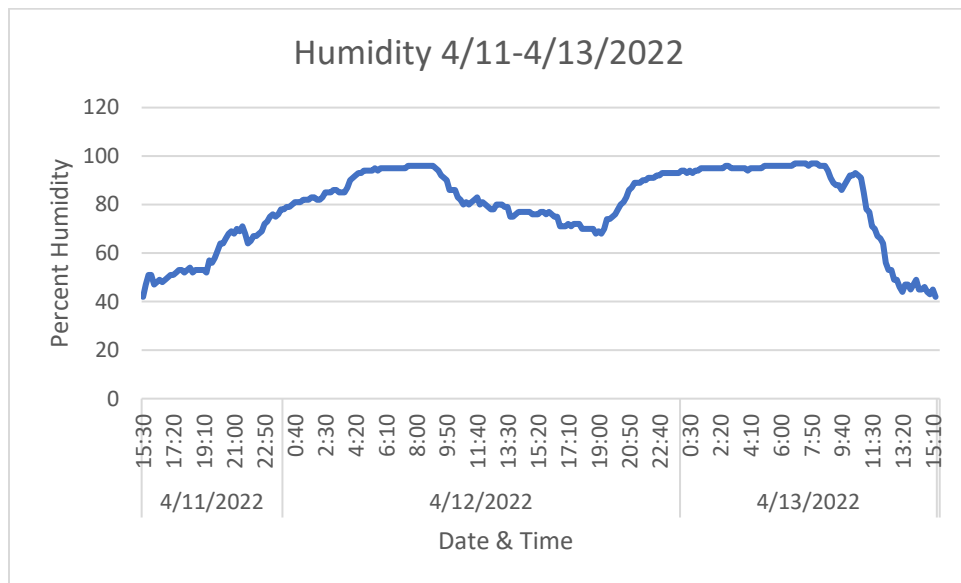
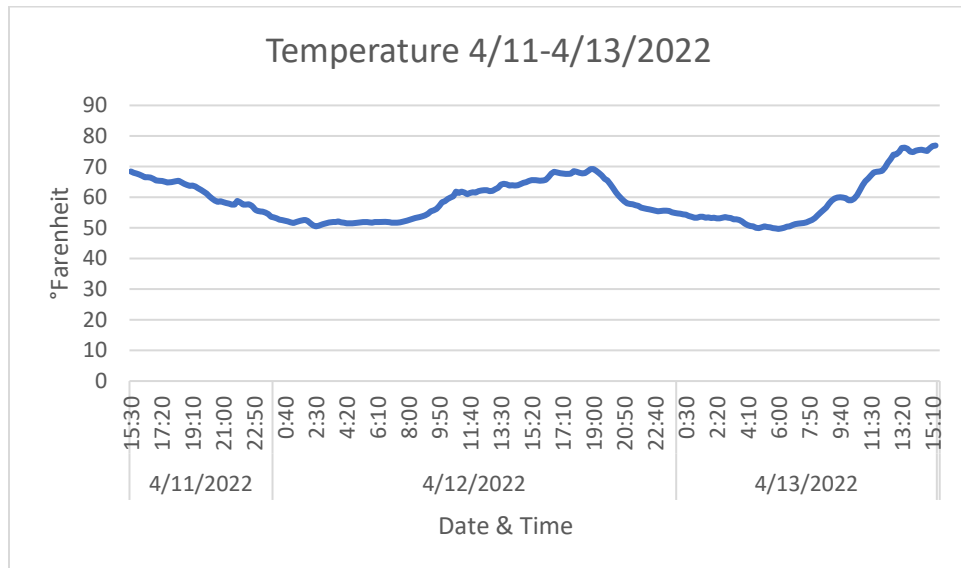


ATTACHMENT 5 - Weather Graphs February 7 to 8, 2022
Wind Direction

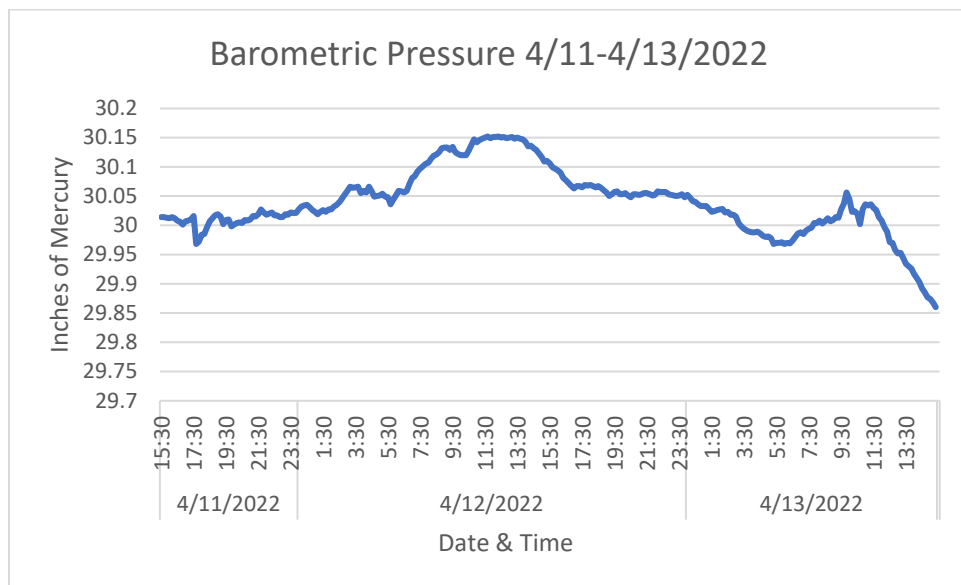
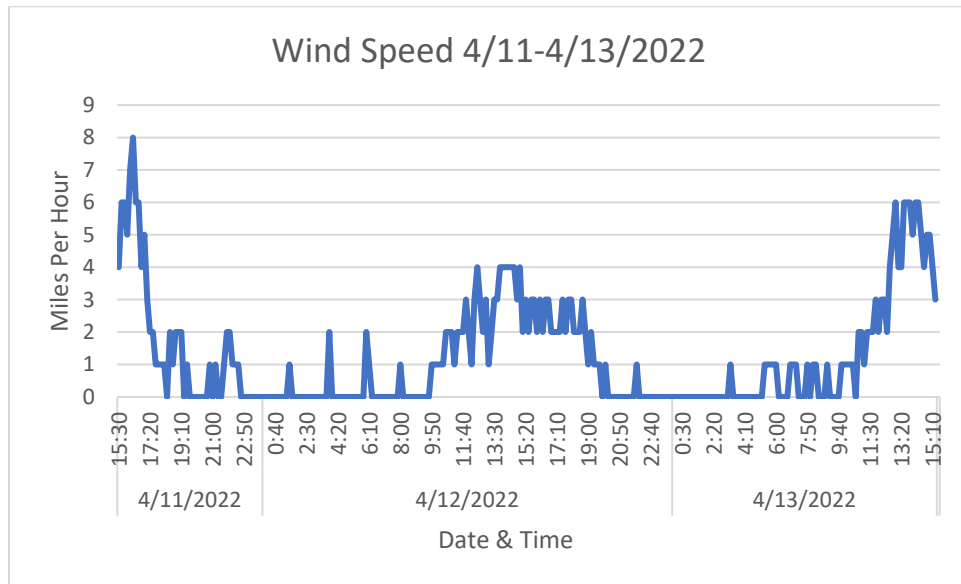


Attachment 5 - Weather Graphs

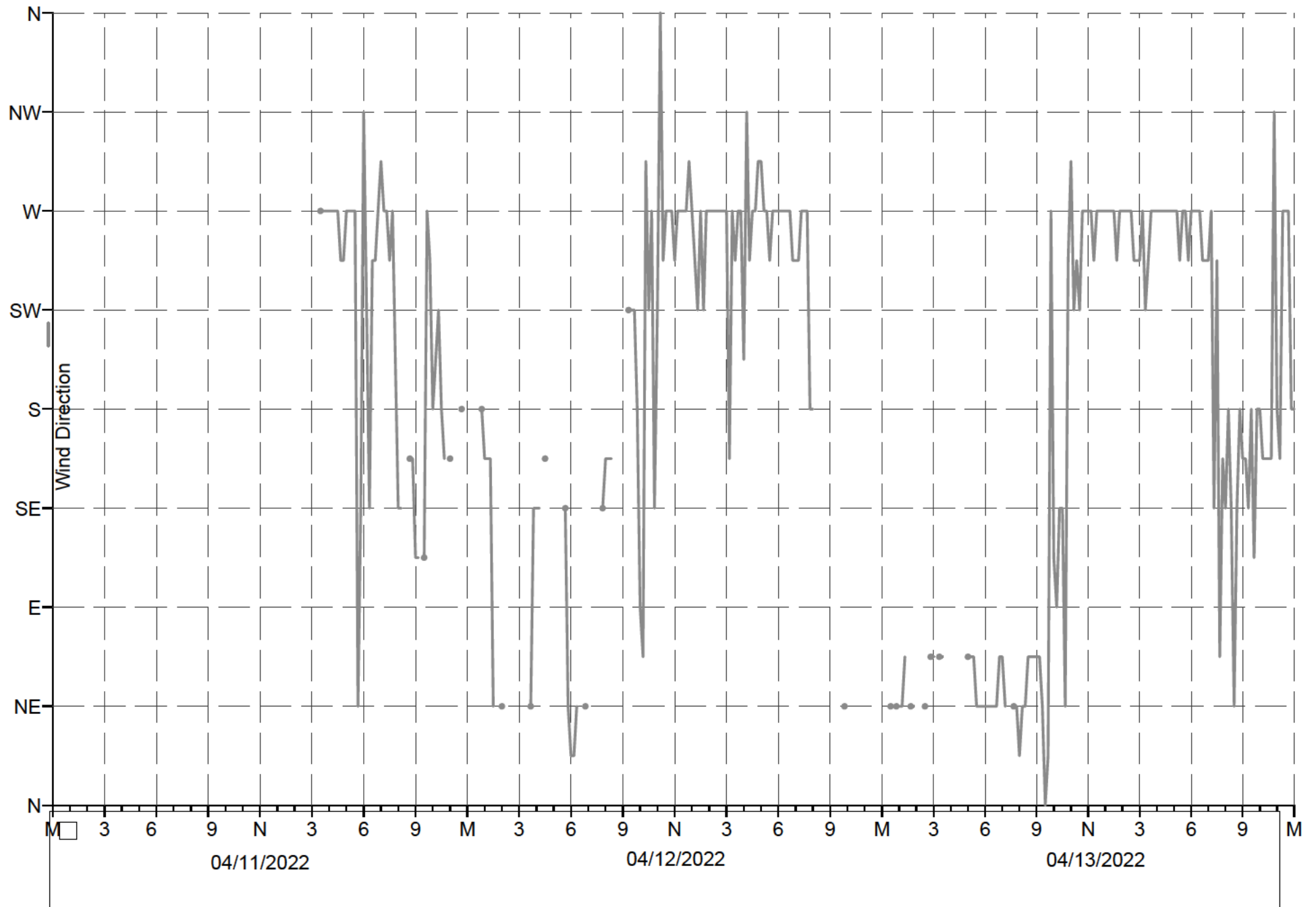
April 11-13, 2022



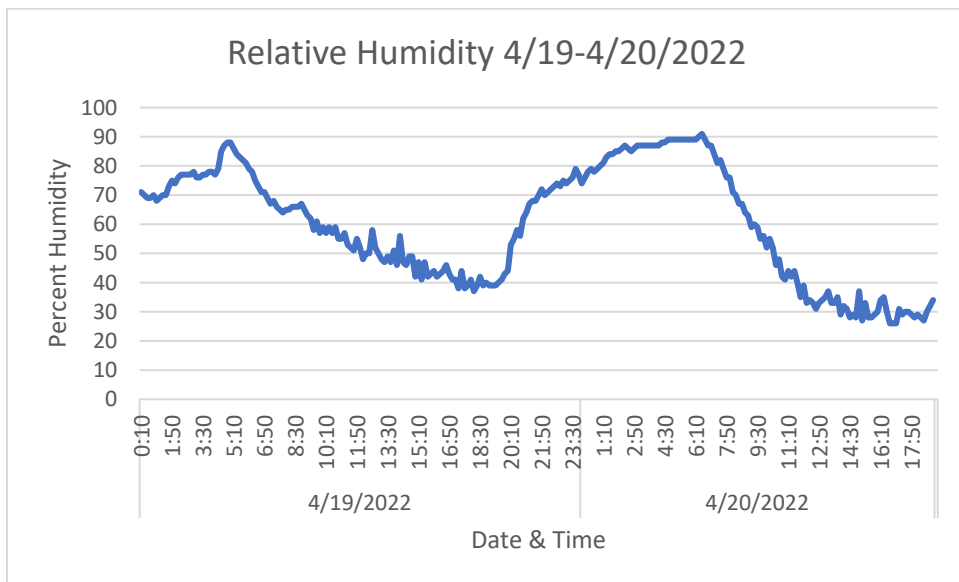
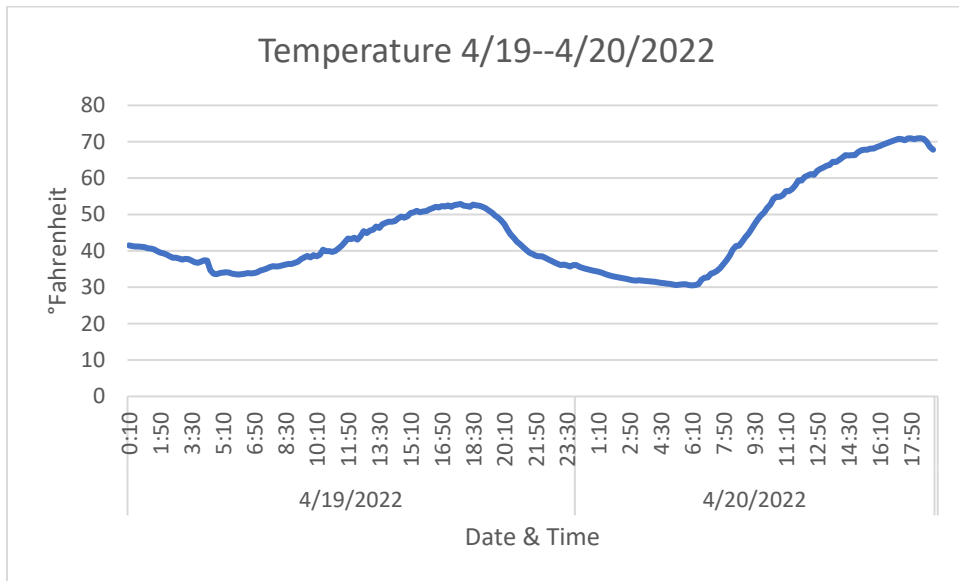
Attachment 5 - Weather Graphs April 11-13, 2022



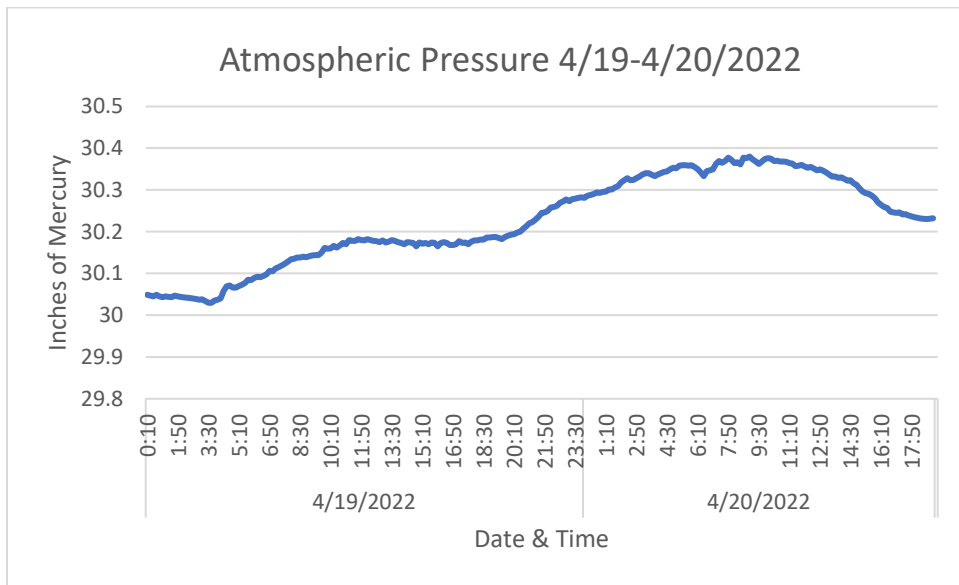
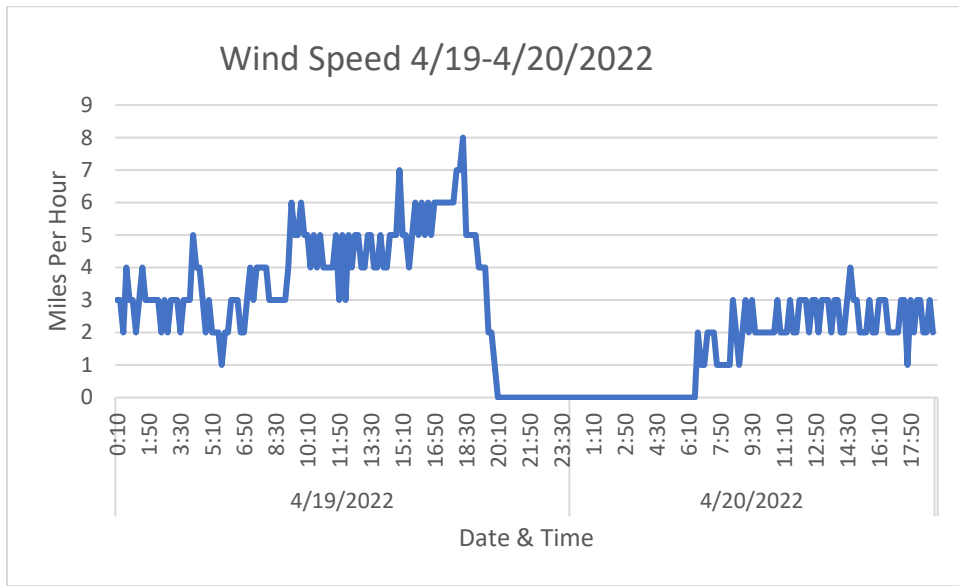
ATTACHMENT 5 - Weather Graphs April 11-13, 2022
Wind Direction



Attachment 5 -Weather Graphs April 19-20, 2022

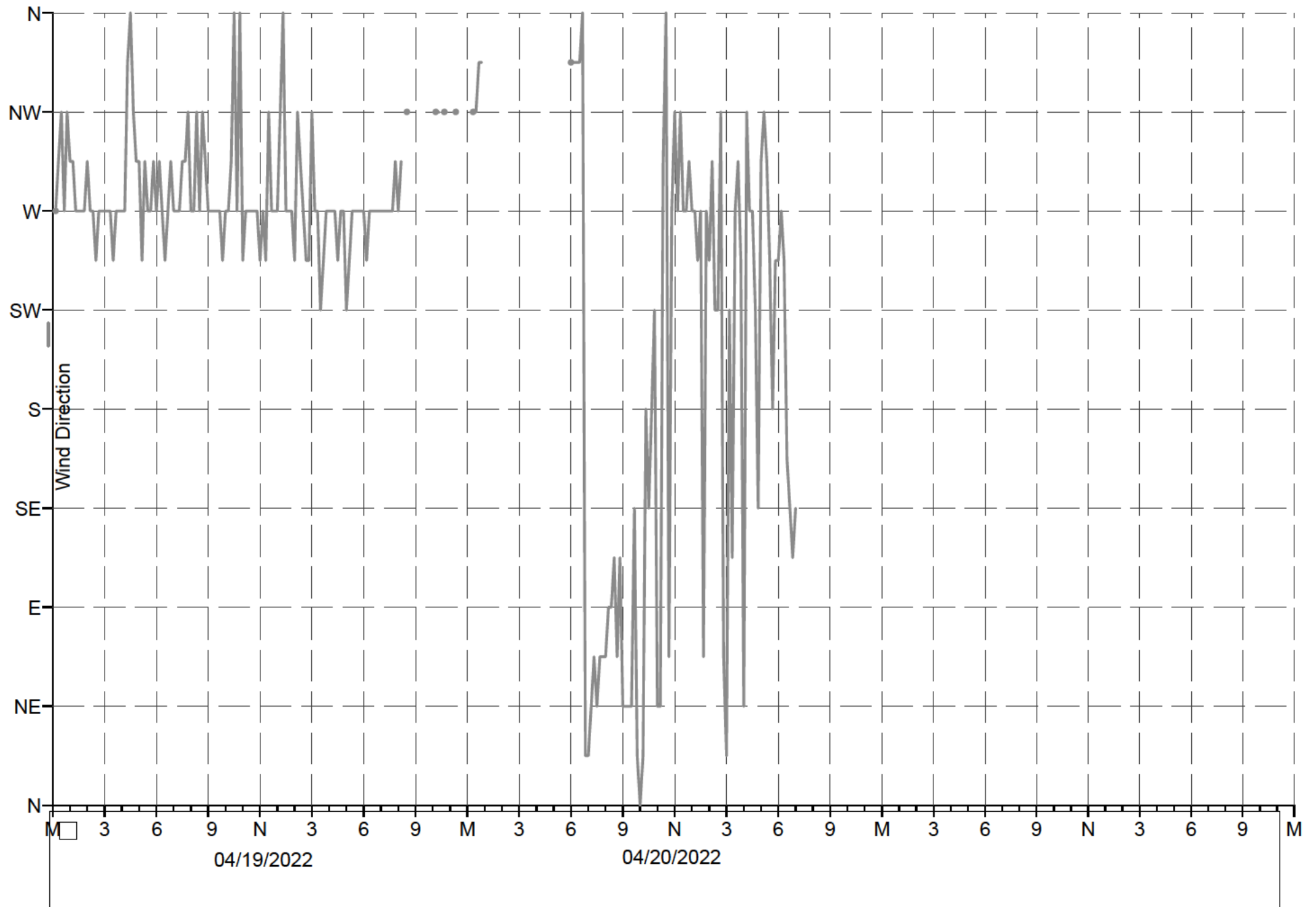


Attachment 5 -Weather Graphs April 19-20, 2022



ATTACHMENT 5 - Weather Graphs April 19-20, 2022

Wind Direction



ATTACHMENT 6
WEATHER STATION DATA

ATTACHMENT 6
WEATHER STATION DATA - JANUARY 24 TO 26, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
1/24/2022	4:00 PM	44.2	44.3	44.2	47	25.2	0	---	0	0	---	44.2	43	43	29.876
1/24/2022	4:10 PM	44.2	44.3	44.1	49	26.2	0	---	0	0	---	44.2	43.1	43.1	29.882
1/24/2022	4:20 PM	44.1	44.2	44	48	25.6	0	---	0	0	---	44.1	42.9	42.9	29.888
1/24/2022	4:30 PM	43.9	44	43.8	51	26.9	0	---	0	0	---	43.9	42.8	42.8	29.885
1/24/2022	4:40 PM	43.9	43.9	43.8	50	26.4	0	---	0	0	---	43.9	42.8	42.8	29.887
1/24/2022	4:50 PM	43.8	43.9	43.8	50	26.3	0	---	0	0	---	43.8	42.7	42.7	29.888
1/24/2022	5:00 PM	44	44.3	43.8	49	26	0	---	0	0	---	44	42.9	42.9	29.884
1/24/2022	5:10 PM	44	44.3	43.8	52	27.5	0	---	0	0	---	44	42.9	42.9	29.89
1/24/2022	5:20 PM	43.8	43.9	43.6	53	27.8	0	---	0	0	---	43.8	42.8	42.8	29.886
1/24/2022	5:30 PM	43	43.6	42.6	54	27.5	0	---	0	0	---	43	42	42	29.892
1/24/2022	5:40 PM	42	42.6	41.1	57	27.9	0	---	0	0	---	42	41.1	41.1	29.893
1/24/2022	5:50 PM	40.1	41	39.4	59	26.9	0	---	0	0	---	40.1	39.3	39.3	29.894
1/24/2022	6:00 PM	38.7	39.4	38	62	26.8	0	---	0	0	---	38.7	37.9	37.9	29.895
1/24/2022	6:10 PM	37.4	38	36.8	64	26.3	0	---	0	0	---	37.4	36.7	36.7	29.902
1/24/2022	6:20 PM	36.2	36.8	35.7	66	25.9	0	---	0	0	---	36.2	35.5	35.5	29.9
1/24/2022	6:30 PM	35.2	35.7	34.8	67	25.3	0	---	0	0	---	35.2	34.6	34.6	29.899
1/24/2022	6:40 PM	34.5	34.8	34.1	69	25.4	0	---	0	0	---	34.5	34	34	29.903
1/24/2022	6:50 PM	33.6	34	33.2	71	25.2	0	---	0	0	---	33.6	33.1	33.1	29.902
1/24/2022	7:00 PM	32.8	33.2	32.6	73	25.1	0	---	0	0	---	32.8	32.4	32.4	29.906
1/24/2022	7:10 PM	32.4	32.6	32.2	74	25	0	---	0	0	---	32.4	32	32	29.913
1/24/2022	7:20 PM	32	32.2	31.8	76	25.3	0	---	0	0	---	32	31.6	31.6	29.917
1/24/2022	7:30 PM	31.7	31.9	31.5	76	25	0	---	0	0	---	31.7	31.3	31.3	29.921
1/24/2022	7:40 PM	31.2	31.5	31	76	24.5	0	---	0	0	---	31.2	30.8	30.8	29.924
1/24/2022	7:50 PM	30.8	31	30.6	77	24.4	0	---	0	0	---	30.8	30.4	30.4	29.924
1/24/2022	8:00 PM	30.5	30.6	30.4	78	24.5	0	---	0	0	---	30.5	30.2	30.2	29.927
1/24/2022	8:10 PM	30.3	30.4	30.2	78	24.3	0	---	0	0	---	30.3	30	30	29.93
1/24/2022	8:20 PM	30.2	30.3	30.2	80	24.8	0	---	0	0	---	30.2	29.9	29.9	29.931
1/24/2022	8:30 PM	30.1	30.2	30.1	80	24.7	0	---	0	0	---	30.1	29.8	29.8	29.935
1/24/2022	8:40 PM	30.1	30.2	30.1	80	24.7	0	---	0	0	---	30.1	29.8	29.8	29.939
1/24/2022	8:50 PM	30.1	30.2	30.1	80	24.7	0	---	0	0	---	30.1	29.8	29.8	29.941
1/24/2022	9:00 PM	30.2	30.3	30.1	82	25.4	0	---	0	0	---	30.2	29.9	29.9	29.939
1/24/2022	9:10 PM	30.4	30.6	30.2	81	25.3	0	---	0	0	---	30.4	30.1	30.1	29.937
1/24/2022	9:20 PM	30.8	31	30.6	81	25.7	0	---	0	0	---	30.8	30.5	30.5	29.938
1/24/2022	9:30 PM	31.2	31.2	31	81	26	0	---	0	0	---	31.2	30.9	30.9	29.933
1/24/2022	9:40 PM	31.3	31.4	31.2	81	26.1	0	---	0	0	---	31.3	31	31	29.926
1/24/2022	9:50 PM	31.6	31.8	31.4	81	26.4	0	---	0	0	---	31.6	31.3	31.3	29.93
1/24/2022	10:00 PM	31.8	31.9	31.7	81	26.6	0	---	0	0	---	31.8	31.5	31.5	29.926
1/24/2022	10:10 PM	31.8	31.8	31.7	82	26.9	0	---	0	0	---	31.8	31.5	31.5	29.925
1/24/2022	10:20 PM	31.7	31.8	31.7	81	26.5	0	---	0	0	---	31.7	31.4	31.4	29.923
1/24/2022	10:30 PM	31.7	31.8	31.5	81	26.5	0	---	0	0	---	31.7	31.4	31.4	29.919
1/24/2022	10:40 PM	31.2	31.5	30.9	82	26.3	0	---	0	0	---	31.2	30.9	30.9	29.917
1/24/2022	10:50 PM	30.7	31	30.6	82	25.9	0	---	0	0	---	30.7	30.4	30.4	29.916
1/24/2022	11:00 PM	30.5	30.7	30.4	83	26	0	---	0	0	---	30.5	30.3	30.3	29.917
1/24/2022	11:10 PM	30.3	30.5	30.3	84	26	0	---	0	0	---	30.3	30.1	30.1	29.914
1/24/2022	11:20 PM	30.6	30.7	30.5	84	26.3	0	---	0	0	---	30.6	30.4	30.4	29.916
1/24/2022	11:30 PM	30.6	30.7	30.5	84	26.3	0	---	0	0	---	30.6	30.4	30.4	29.909
1/24/2022	11:40 PM	30.6	30.6	30.5	84	26.3	0	---	0	0	---	30.6	30.4	30.4	29.909
1/24/2022	11:50 PM	30.5	30.6	30.5	84	26.2	0	---	0	0	---	30.5	30.3	30.3	29.907
1/25/2022	12:00 AM	30.6	30.8	30.5	85	26.6	0	---	0	0	---	30.6	30.4	30.4	29.911

ATTACHMENT 6
WEATHER STATION DATA - JANUARY 24 TO 26, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
1/24/2022	4:00 PM	0	0	0.144	0	49.1	41	26.4	47.6	8.15	0.0775	68	1	29 8	10
1/24/2022	4:10 PM	0	0	0.144	0	48.6	42	26.5	47.2	8.25	0.0776	232	1	100	10
1/24/2022	4:20 PM	0	0	0.145	0	48.2	40	25	46.7	7.95	0.0777	234	1	100	10
1/24/2022	4:30 PM	0	0	0.147	0	47.3	40	24.2	45.8	7.95	0.0778	234	1	100	10
1/24/2022	4:40 PM	0	0	0.147	0	46.4	40	23.4	44.9	7.95	0.078	233	1	100	10
1/24/2022	4:50 PM	0	0	0.147	0	45.8	41	23.4	44.4	8.15	0.0781	234	1	100	10
1/24/2022	5:00 PM	0	0	0.146	0	45.3	41	23	43.9	8.15	0.0782	233	1	100	10
1/24/2022	5:10 PM	0	0	0.146	0	44.9	41	22.6	43.5	8.15	0.0782	234	1	100	10
1/24/2022	5:20 PM	0	0	0.147	0	44.5	42	22.8	43.1	8.25	0.0783	234	1	100	10
1/24/2022	5:30 PM	0	0	0.153	0	44.2	42	22.5	42.8	8.25	0.0784	233	1	100	10
1/24/2022	5:40 PM	0	0	0.16	0	43.7	42	22.1	42.3	8.25	0.0784	234	1	100	10
1/24/2022	5:50 PM	0	0	0.173	0	43.1	43	22.1	41.8	8.41	0.0785	235	1	100	10
1/24/2022	6:00 PM	0	0	0.183	0	42.3	43	21.4	41	8.4	0.0787	234	1	100	10
1/24/2022	6:10 PM	0	0	0.192	0	41.5	44	21.2	40.3	8.55	0.0788	234	1	100	10
1/24/2022	6:20 PM	0	0	0.2	0	40.6	44	20.4	39.4	8.55	0.079	233	1	100	10
1/24/2022	6:30 PM	0	0	0.207	0	39.8	45	20.2	38.6	8.66	0.0791	233	1	100	10
1/24/2022	6:40 PM	0	0	0.212	0	39	45	19.4	37.8	8.69	0.0792	233	1	100	10
1/24/2022	6:50 PM	0	0	0.218	0	38.3	46	19.3	37.2	8.92	0.0794	233	1	100	10
1/24/2022	7:00 PM	0	0	0.224	0	37.6	46	18.7	36.5	8.95	0.0795	235	1	100	10
1/24/2022	7:10 PM	0	0	0.226	0	37	47	18.6	35.9	9.11	0.0796	234	1	100	10
1/24/2022	7:20 PM	0	0	0.229	0	36.5	47	18.2	35.4	9.12	0.0797	234	1	100	10
1/24/2022	7:30 PM	0	0	0.231	0	36	48	18.2	35	9.33	0.0798	233	1	100	10
1/24/2022	7:40 PM	0	0	0.235	0	35.6	48	17.8	34.6	9.34	0.0799	234	1	100	10
1/24/2022	7:50 PM	0	0	0.238	0	35.2	49	17.9	34.3	9.54	0.0799	234	1	100	10
1/24/2022	8:00 PM	0	0	0.24	0	34.8	49	17.6	33.9	9.55	0.08	233	1	100	10
1/24/2022	8:10 PM	0	0	0.241	0	34.5	49	17.3	33.6	9.55	0.0801	234	1	100	10
1/24/2022	8:20 PM	0	0	0.242	0	34.3	50	17.6	33.4	9.66	0.0801	232	1	100	10
1/24/2022	8:30 PM	0	0	0.242	0	34	50	17.3	33.1	9.67	0.0802	234	1	100	10
1/24/2022	8:40 PM	0	0	0.242	0	33.8	51	17.6	32.9	9.85	0.0802	233	1	100	10
1/24/2022	8:50 PM	0	0	0.242	0	33.6	51	17.4	32.7	9.85	0.0802	233	1	100	10
1/24/2022	9:00 PM	0	0	0.242	0	33.5	51	17.3	32.6	9.85	0.0803	232	1	100	10
1/24/2022	9:10 PM	0	0	0.24	0	33.5	51	17.3	32.6	9.85	0.0802	234	1	100	10
1/24/2022	9:20 PM	0	0	0.238	0	33.5	52	17.7	32.6	10.05	0.0802	234	1	100	10
1/24/2022	9:30 PM	0	0	0.235	0	33.5	52	17.7	32.6	10.05	0.0802	234	1	100	10
1/24/2022	9:40 PM	0	0	0.234	0	33.5	52	17.7	32.6	10.05	0.0802	234	1	100	10
1/24/2022	9:50 PM	0	0	0.232	0	33.6	52	17.8	32.7	10.05	0.0802	234	1	100	10
1/24/2022	10:00 PM	0	0	0.231	0	33.6	53	18.3	32.8	10.15	0.0802	233	1	100	10
1/24/2022	10:10 PM	0	0	0.231	0	33.6	53	18.3	32.8	10.15	0.0802	234	1	100	10
1/24/2022	10:20 PM	0	0	0.231	0	33.8	53	18.5	33	10.15	0.0801	235	1	100	10
1/24/2022	10:30 PM	0	0	0.231	0	33.8	53	18.5	33	10.15	0.0801	233	1	100	10
1/24/2022	10:40 PM	0	0	0.235	0	33.7	54	18.8	32.9	10.35	0.0801	234	1	100	10
1/24/2022	10:50 PM	0	0	0.238	0	33.6	54	18.7	32.8	10.35	0.0802	234	1	100	10
1/24/2022	11:00 PM	0	0	0.24	0	33.4	54	18.5	32.6	10.35	0.0802	234	1	100	10
1/24/2022	11:10 PM	0	0	0.241	0	33.3	55	18.9	32.5	10.55	0.0802	234	1	100	10
1/24/2022	11:20 PM	0	0	0.239	0	33.2	55	18.8	32.4	10.55	0.0802	234	1	100	10
1/24/2022	11:30 PM	0	0	0.239	0	33.1	55	18.7	32.3	10.55	0.0802	235	1	100	10
1/24/2022	11:40 PM	0	0	0.239	0	33	55	18.6	32.2	10.55	0.0802	233	1	100	10
1/24/2022	11:50 PM	0	0	0.24	0	33	56	19	32.2	10.71	0.0802	234	1	100	10
1/25/2022	12:00 AM	0	0	0.239	0	33	56	19	32.2	10.71	0.0802	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - JANUARY 24 TO 26, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
1/25/2022	12:10 AM	31.1	31.3	30.8	85	27.1	0	---	0	0	---	31.1	30.9	30.9	29.911
1/25/2022	12:20 AM	31.4	31.5	31.2	84	27.1	0	---	0	0	---	31.4	31.2	31.2	29.916
1/25/2022	12:30 AM	31.6	31.7	31.5	84	27.3	0	---	0	0	---	31.6	31.4	31.4	29.917
1/25/2022	12:40 AM	31.9	32	31.7	84	27.6	0	---	0	0	---	31.9	31.7	31.7	29.913
1/25/2022	12:50 AM	32	32.1	32	84	27.7	0	---	0	0	---	32	31.8	31.8	29.907
1/25/2022	1:00 AM	32	32.1	31.9	84	27.7	0	---	0	0	---	32	31.8	31.8	29.906
1/25/2022	1:10 AM	31.7	31.9	31.5	83	27.1	0	---	0	0	---	31.7	31.5	31.5	29.905
1/25/2022	1:20 AM	31.1	31.5	30.7	84	26.8	0	---	0	0	---	31.1	30.9	30.9	29.9
1/25/2022	1:30 AM	30.5	30.7	30.3	84	26.2	0	---	0	0	---	30.5	30.3	30.3	29.9
1/25/2022	1:40 AM	30.1	30.3	29.9	85	26.1	0	---	0	0	---	30.1	29.9	29.9	29.9
1/25/2022	1:50 AM	29.7	29.9	29.5	85	25.7	0	---	0	0	---	29.7	29.5	29.5	29.902
1/25/2022	2:00 AM	29.4	29.5	29.4	85	25.4	0	---	0	0	---	29.4	29.2	29.2	29.906
1/25/2022	2:10 AM	29.2	29.4	29.1	85	25.3	0	---	0	0	---	29.2	29	29	29.908
1/25/2022	2:20 AM	28.9	29.1	28.8	86	25.2	0	---	0	0	---	28.9	28.7	28.7	29.906
1/25/2022	2:30 AM	28.7	28.8	28.7	86	25	0	---	0	0	---	28.7	28.5	28.5	29.914
1/25/2022	2:40 AM	28.8	29	28.7	88	25.7	0	---	0	0	---	28.8	28.6	28.6	29.913
1/25/2022	2:50 AM	29.3	29.7	28.9	88	26.2	0	---	0	0	---	29.3	29.1	29.1	29.915
1/25/2022	3:00 AM	29.9	30.1	29.7	87	26.5	0	---	0	0	---	29.9	29.7	29.7	29.921
1/25/2022	3:10 AM	30.4	30.7	30.1	87	27	0	---	0	0	---	30.4	30.2	30.2	29.925
1/25/2022	3:20 AM	31	31.4	30.7	85	27	0	---	0	0	---	31	30.8	30.8	29.925
1/25/2022	3:30 AM	31.6	31.7	31.4	86	27.9	0	---	0	0	---	31.6	31.4	31.4	29.922
1/25/2022	3:40 AM	31.8	31.8	31.7	85	27.8	0	---	0	0	---	31.8	31.6	31.6	29.921
1/25/2022	3:50 AM	31.8	32	31.8	85	27.8	0	---	0	0	---	31.8	31.6	31.6	29.921
1/25/2022	4:00 AM	32	32.1	31.9	85	28	0	---	0	0	---	32	31.8	31.8	29.921
1/25/2022	4:10 AM	32.2	32.4	32.1	85	28.2	0	---	0	0	---	32.2	32	32	29.916
1/25/2022	4:20 AM	32.5	32.6	32.3	84	28.2	0	---	0	0	---	32.5	32.3	32.3	29.92
1/25/2022	4:30 AM	32.5	32.6	32.5	85	28.5	0	---	0	0	---	32.5	32.3	32.3	29.918
1/25/2022	4:40 AM	32.3	32.6	32	84	28	0	---	0	0	---	32.3	32.1	32.1	29.918
1/25/2022	4:50 AM	31.8	32.1	31.6	85	27.8	0	---	0	0	---	31.8	31.6	31.6	29.921
1/25/2022	5:00 AM	31.4	31.6	31.3	86	27.7	0	---	0	0	---	31.4	31.2	31.2	29.929
1/25/2022	5:10 AM	31.2	31.3	31.2	87	27.8	0	---	0	0	---	31.2	31	31	29.936
1/25/2022	5:20 AM	31.2	31.2	31.1	87	27.8	0	---	0	0	---	31.2	31	31	29.937
1/25/2022	5:30 AM	31.3	31.6	31.1	87	27.9	0	---	0	0	---	31.3	31.1	31.1	29.944
1/25/2022	5:40 AM	31.9	32.1	31.7	87	28.5	0	---	0	0	---	31.9	31.7	31.7	29.948
1/25/2022	5:50 AM	32.1	32.2	32	86	28.4	0	---	0	0	---	32.1	31.9	31.9	29.955
1/25/2022	6:00 AM	32.2	32.3	32.2	87	28.8	0	---	0	0	---	32.2	32	32	29.96
1/25/2022	6:10 AM	32.4	32.5	32.3	87	29	0	---	0	0	---	32.4	32.2	32.2	29.963
1/25/2022	6:20 AM	32.6	32.8	32.5	86	28.9	0	---	0	0	---	32.6	32.4	32.4	29.961
1/25/2022	6:30 AM	32.8	32.9	32.8	85	28.8	0	---	0	0	---	32.8	32.6	32.6	29.96
1/25/2022	6:40 AM	32.9	33	32.8	86	29.2	0	---	0	0	---	32.9	32.7	32.7	29.966
1/25/2022	6:50 AM	32.9	32.9	32.8	86	29.2	0	---	0	0	---	32.9	32.7	32.7	29.969
1/25/2022	7:00 AM	32.9	33.1	32.8	86	29.2	0	---	0	0	---	32.9	32.7	32.7	29.972
1/25/2022	7:10 AM	33.2	33.3	33.1	86	29.5	0	---	0	0	---	33.2	33	33	29.971
1/25/2022	7:20 AM	33.3	33.5	33.2	85	29.3	0	---	0	0	---	33.3	33.1	33.1	29.981
1/25/2022	7:30 AM	33.6	33.8	33.5	84	29.3	0	---	0	0	---	33.6	33.3	33.3	29.984
1/25/2022	7:40 AM	33.8	33.8	33.7	85	29.8	0	---	0	0	---	33.8	33.5	33.5	29.989
1/25/2022	7:50 AM	33.8	33.8	33.7	85	29.8	0	---	0	0	---	33.8	33.5	33.5	29.996
1/25/2022	8:00 AM	33.7	33.8	33.6	86	30	0	---	0	0	---	33.7	33.4	33.4	30.001
1/25/2022	8:10 AM	33.6	33.6	33.5	86	29.9	0	---	0	0	---	33.6	33.4	33.4	30.002

ATTACHMENT 6
WEATHER STATION DATA - JANUARY 24 TO 26, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
1/25/2022	12:10 AM	0	0	0 235	0	33	56	19	32.2	10.71	0.0802	233	1	100	10
1/25/2022	12:20 AM	0	0	0 233	0	33.1	56	19.1	32.3	10.71	0.0802	233	1	100	10
1/25/2022	12:30 AM	0	0	0 232	0	33.2	57	19.6	32.4	10.85	0.0802	232	1	100	10
1/25/2022	12:40 AM	0	0	0 23	0	33.3	57	19.7	32.5	10.85	0.0802	234	1	100	10
1/25/2022	12:50 AM	0	0	0 229	0	33.3	57	19.7	32.5	10.85	0.0802	234	1	100	10
1/25/2022	1:00 AM	0	0	0 229	0	33.3	57	19.7	32.5	10.85	0.0802	235	1	100	10
1/25/2022	1:10 AM	0	0	0 231	0	33.5	57	19.9	32.7	10.85	0.0801	234	1	100	10
1/25/2022	1:20 AM	0	0	0 235	0	33.3	58	20.1	32.6	11.05	0.0801	232	1	100	10
1/25/2022	1:30 AM	0	0	0 24	0	33.2	58	20	32.5	11.05	0.0802	234	1	100	10
1/25/2022	1:40 AM	0	0	0 242	0	33	58	19.8	32.3	11.05	0.0802	234	1	100	10
1/25/2022	1:50 AM	0	0	0 245	0	32.8	59	20	32.1	11.25	0.0802	234	1	100	10
1/25/2022	2:00 AM	0	0	0 247	0	32.6	59	19.8	31.9	11.25	0.0803	234	1	100	10
1/25/2022	2:10 AM	0	0	0 249	0	32.3	59	19.6	31.6	11.25	0.0803	233	1	100	10
1/25/2022	2:20 AM	0	0	0 251	0	32.1	59	19.4	31.4	11.25	0.0804	234	1	100	10
1/25/2022	2:30 AM	0	0	0 252	0	31.9	60	19.6	31.2	11.45	0.0804	233	1	100	10
1/25/2022	2:40 AM	0	0	0 251	0	31.8	60	19.5	31.1	11.45	0.0804	234	1	100	10
1/25/2022	2:50 AM	0	0	0 248	0	31.8	60	19.5	31.1	11.45	0.0804	233	1	100	10
1/25/2022	3:00 AM	0	0	0 244	0	31.8	60	19.5	31.1	11.45	0.0805	234	1	100	10
1/25/2022	3:10 AM	0	0	0 24	0	32	60	19.7	31.3	11.45	0.0804	234	1	100	10
1/25/2022	3:20 AM	0	0	0 236	0	32.1	60	19.8	31.4	11.45	0.0804	234	1	100	10
1/25/2022	3:30 AM	0	0	0 232	0	32.3	61	20.3	31.6	11.6	0.0804	234	1	100	10
1/25/2022	3:40 AM	0	0	0 231	0	32.5	61	20.5	31.8	11.6	0.0803	232	1	100	10
1/25/2022	3:50 AM	0	0	0 231	0	32.7	61	20.7	32	11.6	0.0803	233	1	100	10
1/25/2022	4:00 AM	0	0	0 229	0	32.8	61	20.8	32.1	11.59	0.0803	234	1	100	10
1/25/2022	4:10 AM	0	0	0 228	0	33	61	21	32.3	11.59	0.0802	233	1	100	10
1/25/2022	4:20 AM	0	0	0 226	0	33.1	61	21.1	32.4	11.59	0.0802	234	1	100	10
1/25/2022	4:30 AM	0	0	0 226	0	33.3	61	21.3	32.6	11.58	0.0802	235	1	100	10
1/25/2022	4:40 AM	0	0	0 227	0	33.3	61	21.3	32.6	11.58	0.0802	234	1	100	10
1/25/2022	4:50 AM	0	0	0 231	0	33.3	61	21.3	32.6	11.58	0.0802	233	1	100	10
1/25/2022	5:00 AM	0	0	0 233	0	33.3	62	21.7	32.6	11.82	0.0802	233	1	100	10
1/25/2022	5:10 AM	0	0	0 235	0	33.2	62	21.6	32.5	11.82	0.0802	233	1	100	10
1/25/2022	5:20 AM	0	0	0 235	0	33.2	62	21.6	32.5	11.82	0.0802	234	1	100	10
1/25/2022	5:30 AM	0	0	0 234	0	33.2	62	21.6	32.5	11.82	0.0803	235	1	100	10
1/25/2022	5:40 AM	0	0	0 23	0	33.3	62	21.7	32.6	11.82	0.0803	234	1	100	10
1/25/2022	5:50 AM	0	0	0 228	0	33.3	62	21.7	32.6	11.82	0.0803	233	1	100	10
1/25/2022	6:00 AM	0	0	0 228	0	33.3	63	22.1	32.7	12.02	0.0803	234	1	100	10
1/25/2022	6:10 AM	0	0	0 226	0	33.5	63	22.2	32.9	12.01	0.0803	234	1	100	10
1/25/2022	6:20 AM	0	0	0 225	0	33.5	63	22.2	32.9	12.01	0.0803	233	1	100	10
1/25/2022	6:30 AM	0	0	0 224	0	33.6	63	22.3	33	12.01	0.0802	234	1	100	10
1/25/2022	6:40 AM	0	0	0 223	0	33.6	63	22.3	33	12.01	0.0802	234	1	100	10
1/25/2022	6:50 AM	0	0	0 223	0	33.8	63	22.5	33.2	12	0.0802	234	1	100	10
1/25/2022	7:00 AM	0	0	0 223	0	33.8	63	22.5	33.2	12	0.0802	234	1	100	10
1/25/2022	7:10 AM	0	0	0 221	0	33.8	64	22.9	33.2	12.2	0.0802	234	1	100	10
1/25/2022	7:20 AM	0	0	0 22	0	33.9	64	23	33.3	12.19	0.0802	233	1	100	10
1/25/2022	7:30 AM	0	0	0 218	0	33.9	64	23	33.3	12.19	0.0802	233	1	100	10
1/25/2022	7:40 AM	0	0	0 217	0	34	64	23.1	33.4	12.19	0.0802	234	1	100	10
1/25/2022	7:50 AM	0	0	0 217	0	34.1	64	23.2	33.5	12.19	0.0802	235	1	100	10
1/25/2022	8:00 AM	0	0	0 217	0	34.1	64	23.2	33.5	12.19	0.0802	233	1	100	10
1/25/2022	8:10 AM	0	0	0 218	0	34.2	64	23.3	33.6	12.18	0.0802	232	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - JANUARY 24 TO 26, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
1/25/2022	8:20 AM	33.5	33.6	33.5	86	29.8	0	---	0	0	---	33.5	33.3	33.3	30.004
1/25/2022	8:30 AM	33.6	33.7	33.5	87	30.1	0	---	0	0	---	33.6	33.4	33.4	30.011
1/25/2022	8:40 AM	33.9	34.2	33.6	86	30.2	0	---	0	0	---	33.9	33.6	33.6	30.015
1/25/2022	8:50 AM	34.5	34.7	34.2	85	30.5	0	---	0	0	---	34.5	34.3	34.3	30.019
1/25/2022	9:00 AM	34.9	35.1	34.6	86	31.1	0	---	0	0	---	34.9	34.7	34.7	30.019
1/25/2022	9:10 AM	35.3	35.6	35.1	85	31.2	0	---	0	0	---	35.3	35.1	35.1	30.023
1/25/2022	9:20 AM	36.1	36.5	35.6	81	30.8	0	---	0	0	---	36.1	35.8	35.8	30.028
1/25/2022	9:30 AM	37	37.5	36.5	77	30.5	0	---	0	0	---	37	36.6	36.6	30.031
1/25/2022	9:40 AM	37.8	38.2	37.4	76	30.9	0	---	0	0	---	37.8	37.4	37.4	30.034
1/25/2022	9:50 AM	38.6	39	38.2	73	30.7	0	---	0	0	---	38.6	38.1	38.1	30.043
1/25/2022	10:00 AM	39.4	39.7	39	74	31.8	0	---	0	0	---	39.4	38.9	38.9	30.047
1/25/2022	10:10 AM	39.9	40.2	39.7	72	31.6	0	---	0	0	---	39.9	39.3	39.3	30.054
1/25/2022	10:20 AM	40.5	40.7	40.2	70	31.5	0	---	0	0	---	40.5	39.9	39.9	30.052
1/25/2022	10:30 AM	40.9	41.1	40.7	69	31.5	0	---	0	0	---	40.9	40.3	40.3	30.05
1/25/2022	10:40 AM	41.4	41.6	41.1	68	31.6	0	---	0	0	---	41.4	40.8	40.8	30.054
1/25/2022	10:50 AM	41.9	42.1	41.6	67	31.7	0	---	0	0	---	41.9	41.2	41.2	30.051
1/25/2022	11:00 AM	42.6	43.1	42.1	67	32.4	0	---	0	0	---	42.6	41.9	41.9	30.049
1/25/2022	11:10 AM	43.7	44.1	43.1	64	32.3	0	---	0	0	---	43.7	43	43	30.046
1/25/2022	11:20 AM	44.6	44.9	44.1	63	32.8	0	---	0	0	---	44.6	43.9	43.9	30.04
1/25/2022	11:30 AM	45.2	45.6	44.8	62	32.9	0	---	0	0	---	45.2	44.4	44.4	30.044
1/25/2022	11:40 AM	45.6	45.7	45.5	63	33.7	0	---	0	0	---	45.6	44.9	44.9	30.043
1/25/2022	11:50 AM	45.7	45.9	45.6	62	33.4	0	---	0	0	---	45.7	44.9	44.9	30.048
1/25/2022	12:00 PM	45.7	45.8	45.6	62	33.4	0	---	0	0	---	45.7	44.9	44.9	30.044
1/25/2022	12:10 PM	45.7	45.9	45.6	61	33	0	---	0	0	---	45.7	44.9	44.9	30.041
1/25/2022	12:20 PM	45.9	46.1	45.8	61	33.2	0	---	0	0	---	45.9	45.1	45.1	30.043
1/25/2022	12:30 PM	46.2	46.5	45.9	60	33.1	0	---	0	0	---	46.2	45.4	45.4	30.037
1/25/2022	12:40 PM	46.6	46.8	46.4	60	33.4	0	---	0	0	---	46.6	45.8	45.8	30.032
1/25/2022	12:50 PM	46.7	46.7	46.6	60	33.5	0	---	0	0	---	46.7	45.9	45.9	30.032
1/25/2022	1:00 PM	46.7	46.9	46.6	60	33.5	0	---	0	0	---	46.7	45.9	45.9	30.027
1/25/2022	1:10 PM	47	47.1	46.9	60	33.8	0	---	0	0	---	47	46.2	46.2	30.023
1/25/2022	1:20 PM	47.2	47.4	47	59	33.6	0	---	0	0	---	47.2	46.4	46.4	30.021
1/25/2022	1:30 PM	47.4	47.5	47.3	59	33.8	0	---	0	0	---	47.4	46.6	46.6	30.02
1/25/2022	1:40 PM	47.5	47.5	47.4	59	33.9	1	SW	0.17	4	SW	47.5	46.7	46.7	30.019
1/25/2022	1:50 PM	47.8	48	47.5	57	33.3	3	W	0.5	9	W	47.2	46.9	46.3	30.022
1/25/2022	2:00 PM	48.1	48.2	47.9	58	34	4	W	0.67	9	WSW	46.7	47.2	45.8	30.019
1/25/2022	2:10 PM	48.2	48.3	48	58	34.1	3	W	0.5	10	W	47.6	47.3	46.7	30.021
1/25/2022	2:20 PM	48.2	48.3	48.1	58	34.1	3	SW	0.5	7	WSW	47.6	47.3	46.7	30.021
1/25/2022	2:30 PM	48.1	48.2	48	58	34	3	W	0.5	8	NW	47.5	47.2	46.6	30.022
1/25/2022	2:40 PM	48	48.3	47.9	58	33.9	4	WSW	0.67	9	WSW	46.6	47.1	45.7	30.022
1/25/2022	2:50 PM	48.8	49.2	48.2	56	33.8	4	WSW	0.67	10	W	47.5	47.8	46.5	30.02
1/25/2022	3:00 PM	49.2	49.7	49	56	34.2	5	W	0.83	9	W	47.2	48.2	46.2	30.018
1/25/2022	3:10 PM	50.5	50.8	49.7	54	34.5	5	WSW	0.83	10	WNW	48.8	49.4	47.7	30.021
1/25/2022	3:20 PM	50.5	50.7	50.3	53	34	5	W	0.83	12	WSW	48.8	49.4	47.7	30.021
1/25/2022	3:30 PM	49.5	50.4	47.9	61	36.6	4	N	0.67	10	NW	48.3	48.7	47.5	30.029
1/25/2022	3:40 PM	46.6	47.8	45.7	65	35.5	3	NNE	0.5	9	ENE	45.9	45.9	45.2	30.034
1/25/2022	3:50 PM	45.2	45.7	44.7	67	34.9	2	NNE	0.33	7	NNE	45.2	44.6	44.6	30.042
1/25/2022	4:00 PM	44.3	44.7	44.2	68	34.4	3	NE	0.5	7	NNE	43.2	43.7	42.6	30.047
1/25/2022	4:10 PM	43.9	44.3	43.6	69	34.4	3	N	0.5	6	N	42.8	43.4	42.3	30.047
1/25/2022	4:20 PM	43.4	43.6	43.3	70	34.3	2	N	0.33	6	NW	43.4	42.8	42.8	30.053

ATTACHMENT 6
WEATHER STATION DATA - JANUARY 24 TO 26, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
1/25/2022	8:20 AM	0	0	0 219	0	34.2	64	23.3	33.6	12.18	0.0802	234	1	100	10
1/25/2022	8:30 AM	0	0	0 218	0	34.4	64	23.5	33.8	12.17	0.0802	234	1	100	10
1/25/2022	8:40 AM	0	0	0 216	0	34.5	65	23.9	33.9	12.37	0.0802	234	1	100	10
1/25/2022	8:50 AM	0	0	0 212	0	34.6	65	24	34	12.37	0.0802	234	1	100	10
1/25/2022	9:00 AM	0	0	0 209	0	34.8	65	24.2	34.2	12.36	0.0802	235	1	100	10
1/25/2022	9:10 AM	0	0	0 206	0	35.1	65	24.5	34.5	12.35	0.0801	234	1	100	10
1/25/2022	9:20 AM	0	0	0 201	0	35.3	65	24.7	34.7	12.35	0.0801	234	1	100	10
1/25/2022	9:30 AM	0	0	0.194	0	35.8	65	25.2	35.1	12.35	0.08	233	1	100	10
1/25/2022	9:40 AM	0	0	0.189	0	36.3	65	25.7	35.6	12.35	0.0799	233	1	100	10
1/25/2022	9:50 AM	0	0	0.183	0	36.8	65	26.1	36.1	12.35	0.0799	233	1	100	10
1/25/2022	10:00 AM	0	0	0.178	0	37.4	64	26.3	36.7	12.15	0.0798	234	1	100	10
1/25/2022	10:10 AM	0	0	0.174	0	37.9	64	26.8	37.2	12.15	0.0797	233	1	100	10
1/25/2022	10:20 AM	0	0	0.17	0	38.5	64	27.4	37.8	12.15	0.0796	233	1	100	10
1/25/2022	10:30 AM	0	0	0.167	0	39	64	27.8	38.3	12.15	0.0795	234	1	100	10
1/25/2022	10:40 AM	0	0	0.164	0	39.5	64	28.3	38.8	12.15	0.0794	234	1	100	10
1/25/2022	10:50 AM	0	0	0.16	0	39.9	64	28.7	39.2	12.15	0.0794	233	1	100	10
1/25/2022	11:00 AM	0	0	0.156	0	40.3	64	29.1	39.6	12.14	0.0793	234	1	100	10
1/25/2022	11:10 AM	0	0	0.148	0	40.8	63	29.2	40.1	11.85	0.0792	234	1	100	10
1/25/2022	11:20 AM	0	0	0.142	0	41.4	63	29.7	40.7	11.85	0.0791	233	1	100	10
1/25/2022	11:30 AM	0	0	0.137	0	42	63	30.3	41.3	11.85	0.079	234	1	100	10
1/25/2022	11:40 AM	0	0	0.135	0	42.7	63	31	42	11.85	0.0789	234	1	100	10
1/25/2022	11:50 AM	0	0	0.134	0	43.4	62	31.2	42.6	11.65	0.0788	234	1	100	10
1/25/2022	12:00 PM	0	0	0.134	0	44.1	62	31.9	43.3	11.65	0.0786	233	1	100	10
1/25/2022	12:10 PM	0	0	0.134	0	44.7	61	32.1	43.9	11.45	0.0785	234	1	100	10
1/25/2022	12:20 PM	0	0	0.133	0	45.1	61	32.4	44.3	11.45	0.0785	235	1	100	10
1/25/2022	12:30 PM	0	0	0.131	0	45.4	61	32.7	44.6	11.44	0.0784	232	1	100	10
1/25/2022	12:40 PM	0	0	0.128	0	45.8	61	33.1	45	11.43	0.0783	234	1	100	10
1/25/2022	12:50 PM	0	0	0.127	0	46.1	60	33	45.3	11.15	0.0783	234	1	100	10
1/25/2022	1:00 PM	0	0	0.127	0	46.3	60	33.2	45.5	11.15	0.0782	233	1	100	10
1/25/2022	1:10 PM	0	0	0.125	0	46.5	60	33.4	45.7	11.15	0.0782	232	1	100	10
1/25/2022	1:20 PM	0	0	0.124	0	46.8	58	32.8	45.9	10.75	0.0781	232	1	100	10
1/25/2022	1:30 PM	0	0	0.122	0	48.1	57	33.6	47.2	10.55	0.0779	233	1	100	10
1/25/2022	1:40 PM	0	0	0.122	0	48.6	57	34	47.7	10.55	0.0778	233	1	100	10
1/25/2022	1:50 PM	0	0	0.119	0	48.8	56	33.8	47.8	10.37	0.0778	234	1	100	10
1/25/2022	2:00 PM	0	0	0.117	0	49.4	54	33.4	48.4	10.05	0.0777	234	1	100	10
1/25/2022	2:10 PM	0	0	0.117	0	49.6	55	34.1	48.6	10.25	0.0777	233	1	100	10
1/25/2022	2:20 PM	0	0	0.117	0	49.3	55	33.8	48.3	10.25	0.0777	233	1	100	10
1/25/2022	2:30 PM	0	0	0.117	0	48.9	56	33.9	47.9	10.37	0.0778	235	1	100	10
1/25/2022	2:40 PM	0	0	0.118	0	48.5	56	33.5	47.5	10.38	0.0779	233	1	100	10
1/25/2022	2:50 PM	0	0	0.113	0	48.2	56	33.2	47.2	10.39	0.0779	234	1	100	10
1/25/2022	3:00 PM	0	0	0.11	0	48.1	56	33.1	47.1	10.39	0.0779	233	1	100	10
1/25/2022	3:10 PM	0	0	0.101	0	48.3	56	33.3	47.3	10.38	0.0779	233	1	100	10
1/25/2022	3:20 PM	0	0	0.101	0	48.6	56	33.6	47.6	10.38	0.0778	234	1	100	10
1/25/2022	3:30 PM	0	0	0.108	0	48.8	56	33.8	47.8	10.37	0.0778	234	1	100	10
1/25/2022	3:40 PM	0	0	0.128	0	48.8	56	33.8	47.8	10.37	0.0778	235	1	100	10
1/25/2022	3:50 PM	0	0	0.137	0	48.3	57	33.8	47.4	10.55	0.0779	234	1	100	10
1/25/2022	4:00 PM	0	0	0.144	0	47.7	57	33.2	46.8	10.55	0.0781	233	1	100	10
1/25/2022	4:10 PM	0	0	0.147	0	47.1	57	32.6	46.2	10.55	0.0782	233	1	100	10
1/25/2022	4:20 PM	0	0	0.15	0	46.6	58	32.6	45.7	10.75	0.0782	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - JANUARY 24 TO 26, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
1/25/2022	4:30 PM	42.9	43.4	42.6	70	33.8	2	NW	0.33	8	NNE	42.9	42.3	42.3	30.06
1/25/2022	4:40 PM	42.2	42.6	41.9	72	33.8	2	N	0.33	6	NNE	42.2	41.7	41.7	30.064
1/25/2022	4:50 PM	41.6	41.9	41.1	72	33.2	2	N	0.33	5	N	41.6	41.1	41.1	30.069
1/25/2022	5:00 PM	40.5	41.1	40	74	32.9	2	NNW	0.33	4	N	40.3	40	39.8	30.075
1/25/2022	5:10 PM	39.5	40	39.1	75	32.2	2	NNW	0.33	7	WNW	39.2	39	38.7	30.078
1/25/2022	5:20 PM	38.9	39.1	38.6	76	32	2	NNW	0.33	9	NNE	38.6	38.5	38.2	30.084
1/25/2022	5:30 PM	38.4	38.7	38	77	31.8	2	N	0.33	4	NNE	38	38	37.6	30.083
1/25/2022	5:40 PM	37.7	38	37.3	78	31.5	2	NW	0.33	4	NNW	37.2	37.4	36.9	30.094
1/25/2022	5:50 PM	37	37.3	36.7	79	31.1	1	N	0.17	5	ENE	37	36.7	36.7	30.095
1/25/2022	6:00 PM	36.4	36.7	36.2	79	30.5	0	WNW	0	3	WNW	36.4	36.1	36.1	30.104
1/25/2022	6:10 PM	36	36.2	35.7	80	30.4	0	ESE	0	1	ESE	36	35.7	35.7	30.115
1/25/2022	6:20 PM	35.6	35.8	35.5	81	30.3	1	NNW	0.17	5	NNW	35.6	35.3	35.3	30.119
1/25/2022	6:30 PM	35.3	35.5	35.1	80	29.7	0	---	0	0	---	35.3	35	35	30.126
1/25/2022	6:40 PM	34.8	35.1	34.4	81	29.6	0	---	0	0	---	34.8	34.5	34.5	30.134
1/25/2022	6:50 PM	34.1	34.4	33.7	81	28.9	0	---	0	0	---	34.1	33.7	33.7	30.134
1/25/2022	7:00 PM	33.2	33.7	32.8	83	28.6	0	---	0	0	---	33.2	32.9	32.9	30.14
1/25/2022	7:10 PM	32.5	32.8	32.2	84	28.2	0	ENE	0	1	E	32.5	32.3	32.3	30.146
1/25/2022	7:20 PM	32	32.2	31.9	86	28.3	0	---	0	0	---	32	31.8	31.8	30.145
1/25/2022	7:30 PM	32.3	32.8	32	86	28.6	0	W	0	2	WSW	32.3	32.1	32.1	30.148
1/25/2022	7:40 PM	33.2	33.5	32.8	85	29.2	0	NW	0	3	NW	33.2	33	33	30.151
1/25/2022	7:50 PM	33.6	33.7	33.4	84	29.3	1	NE	0.17	4	NNE	33.6	33.3	33.3	30.157
1/25/2022	8:00 PM	33.7	33.7	33.6	84	29.4	1	NE	0.17	3	NE	33.7	33.4	33.4	30.161
1/25/2022	8:10 PM	33.7	33.7	33.6	84	29.4	1	NE	0.17	4	E	33.7	33.4	33.4	30.162
1/25/2022	8:20 PM	33.6	33.7	33.6	84	29.3	1	N	0.17	3	NE	33.6	33.3	33.3	30.165
1/25/2022	8:30 PM	33.5	33.6	33.4	83	28.9	1	N	0.17	5	NNE	33.5	33.2	33.2	30.171
1/25/2022	8:40 PM	33.3	33.4	33.2	84	29	2	NNW	0.33	6	NW	32.4	33	32.1	30.175
1/25/2022	8:50 PM	33.2	33.3	33.1	83	28.6	1	NNW	0.17	4	NNW	33.2	32.9	32.9	30.176
1/25/2022	9:00 PM	33	33.1	32.9	84	28.7	1	N	0.17	5	NE	33	32.8	32.8	30.18
1/25/2022	9:10 PM	32.7	32.9	32.6	83	28.1	1	N	0.17	3	ENE	32.7	32.5	32.5	30.185
1/25/2022	9:20 PM	32.5	32.6	32.5	84	28.2	1	NNE	0.17	4	NW	32.5	32.3	32.3	30.185
1/25/2022	9:30 PM	32.4	32.5	32.3	84	28.1	1	NW	0.17	3	NW	32.4	32.2	32.2	30.187
1/25/2022	9:40 PM	32.3	32.4	32.2	84	28	1	NE	0.17	3	WNW	32.3	32.1	32.1	30.187
1/25/2022	9:50 PM	32.2	32.3	32.1	84	27.9	0	NE	0	3	NW	32.2	32	32	30.19
1/25/2022	10:00 PM	32.1	32.2	32.1	84	27.8	0	NW	0	2	NW	32.1	31.9	31.9	30.191
1/25/2022	10:10 PM	32	32.1	31.9	84	27.7	1	NNE	0.17	3	NNE	32	31.8	31.8	30.191
1/25/2022	10:20 PM	31.9	32	31.8	84	27.6	0	NNW	0	3	NNE	31.9	31.7	31.7	30.191
1/25/2022	10:30 PM	31.7	31.8	31.6	84	27.4	0	NNW	0	3	WNW	31.7	31.5	31.5	30.193
1/25/2022	10:40 PM	31.6	31.7	31.5	84	27.3	0	NNE	0	2	ENE	31.6	31.4	31.4	30.197
1/25/2022	10:50 PM	31.5	31.6	31.5	84	27.2	0	NNW	0	2	NNW	31.5	31.3	31.3	30.195
1/25/2022	11:00 PM	31.4	31.5	31.3	83	26.8	1	NNW	0.17	3	NNW	31.4	31.2	31.2	30.195
1/25/2022	11:10 PM	31.2	31.3	31.2	84	26.9	1	NE	0.17	3	NNE	31.2	31	31	30.199
1/25/2022	11:20 PM	31.2	31.2	31.1	84	26.9	0	NNE	0	3	NNE	31.2	31	31	30.208
1/25/2022	11:30 PM	31	31.2	30.9	83	26.4	1	N	0.17	4	NE	31	30.8	30.8	30.212
1/25/2022	11:40 PM	30.8	31	30.7	82	26	2	NW	0.33	5	NW	29.7	30.5	29.4	30.217
1/25/2022	11:50 PM	30.7	30.7	30.6	82	25.9	1	N	0.17	6	NW	30.7	30.4	30.4	30.218
1/26/2022	12:00 AM	30.5	30.6	30.4	82	25.7	2	N	0.33	5	NNW	29.3	30.2	29	30.219
1/26/2022	12:10 AM	30.3	30.5	30.2	82	25.5	2	N	0.33	7	NNE	29.1	30	28.8	30.22
1/26/2022	12:20 AM	30.1	30.2	29.9	81	25	1	N	0.17	5	NE	30.1	29.8	29.8	30.213
1/26/2022	12:30 AM	29.9	30	29.8	81	24.8	1	NNW	0.17	5	NNW	29.9	29.6	29.6	30.213

ATTACHMENT 6
WEATHER STATION DATA - JANUARY 24 TO 26, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
1/25/2022	4:30 PM	0	0	0.153	0	46	58	32	45.1	10.75	0.0784	234	1	100	10
1/25/2022	4:40 PM	0	0	0.158	0	45.4	58	31.5	44.5	10.75	0.0785	235	1	100	10
1/25/2022	4:50 PM	0	0	0.163	0	44.8	59	31.3	44	10.95	0.0786	234	1	100	10
1/25/2022	5:00 PM	0	0	0.17	0	44.3	59	30.9	43.5	10.96	0.0787	234	1	100	10
1/25/2022	5:10 PM	0	0	0.177	0	43.6	60	30.6	42.8	11.18	0.0788	233	1	100	10
1/25/2022	5:20 PM	0	0	0.181	0	42.9	60	30	42.1	11.19	0.079	234	1	100	10
1/25/2022	5:30 PM	0	0	0.185	0	42.1	61	29.6	41.3	11.45	0.0791	233	1	100	10
1/25/2022	5:40 PM	0	0	0.19	0	41.5	61	29	40.7	11.45	0.0792	234	1	100	10
1/25/2022	5:50 PM	0	0	0.194	0	40.9	62	28.9	40.1	11.65	0.0793	235	1	100	10
1/25/2022	6:00 PM	0	0	0.199	0	40.3	62	28.3	39.5	11.65	0.0794	234	1	100	10
1/25/2022	6:10 PM	0	0	0.201	0	39.8	63	28.2	39.1	11.85	0.0796	233	1	100	10
1/25/2022	6:20 PM	0	0	0.204	0	39.2	63	27.7	38.5	11.87	0.0797	234	1	100	10
1/25/2022	6:30 PM	0	0	0.206	0	38.7	63	27.2	38	11.88	0.0798	234	1	100	10
1/25/2022	6:40 PM	0	0	0.21	0	38.3	64	27.2	37.6	12.15	0.0799	234	1	100	10
1/25/2022	6:50 PM	0	0	0.215	0	37.9	64	26.8	37.2	12.15	0.0799	233	1	100	10
1/25/2022	7:00 PM	0	0	0.221	0	37.5	64	26.4	36.8	12.15	0.08	234	1	100	10
1/25/2022	7:10 PM	0	0	0.226	0	37.1	65	26.4	36.4	12.35	0.0801	234	1	100	10
1/25/2022	7:20 PM	0	0	0.229	0	36.7	65	26	36	12.35	0.0802	234	1	100	10
1/25/2022	7:30 PM	0	0	0.227	0	36.4	65	25.7	35.7	12.35	0.0802	234	1	100	10
1/25/2022	7:40 PM	0	0	0.221	0	36.2	66	25.9	35.5	12.63	0.0803	232	1	100	10
1/25/2022	7:50 PM	0	0	0.218	0	36.1	66	25.8	35.4	12.63	0.0803	234	1	100	10
1/25/2022	8:00 PM	0	0	0.217	0	36	66	25.7	35.3	12.63	0.0803	233	1	100	10
1/25/2022	8:10 PM	0	0	0.217	0	36	66	25.7	35.3	12.63	0.0803	234	1	100	10
1/25/2022	8:20 PM	0	0	0.218	0	36	66	25.7	35.3	12.63	0.0803	233	1	100	10
1/25/2022	8:30 PM	0	0	0.219	0	35.8	66	25.5	35.1	12.63	0.0804	234	1	100	10
1/25/2022	8:40 PM	0	0	0.22	0	35.8	67	25.9	35.2	12.83	0.0804	233	1	100	10
1/25/2022	8:50 PM	0	0	0.221	0	35.7	67	25.8	35.1	12.84	0.0804	234	1	100	10
1/25/2022	9:00 PM	0	0	0.222	0	35.5	67	25.6	34.9	12.84	0.0805	233	1	100	10
1/25/2022	9:10 PM	0	0	0.224	0	35.4	67	25.5	34.8	12.84	0.0805	232	1	100	10
1/25/2022	9:20 PM	0	0	0.226	0	35.3	67	25.4	34.7	12.84	0.0805	235	1	100	10
1/25/2022	9:30 PM	0	0	0.226	0	35.2	68	25.7	34.6	13.05	0.0805	234	1	100	10
1/25/2022	9:40 PM	0	0	0.227	0	35.1	68	25.6	34.5	13.05	0.0805	234	1	100	10
1/25/2022	9:50 PM	0	0	0.228	0	35	68	25.5	34.5	13.05	0.0806	233	1	100	10
1/25/2022	10:00 PM	0	0	0.228	0	34.9	68	25.4	34.4	13.05	0.0806	234	1	100	10
1/25/2022	10:10 PM	0	0	0.229	0	34.8	68	25.3	34.3	13.06	0.0806	234	1	100	10
1/25/2022	10:20 PM	0	0	0.23	0	34.7	68	25.2	34.2	13.06	0.0806	235	1	100	10
1/25/2022	10:30 PM	0	0	0.231	0	34.6	68	25.1	34.1	13.07	0.0807	234	1	100	10
1/25/2022	10:40 PM	0	0	0.232	0	34.5	69	25.4	34	13.27	0.0807	234	1	100	10
1/25/2022	10:50 PM	0	0	0.233	0	34.4	69	25.3	33.9	13.27	0.0807	234	1	100	10
1/25/2022	11:00 PM	0	0	0.233	0	34.4	69	25.3	33.9	13.27	0.0807	234	1	100	10
1/25/2022	11:10 PM	0	0	0.235	0	34.2	69	25.1	33.7	13.28	0.0807	234	1	100	10
1/25/2022	11:20 PM	0	0	0.235	0	34.1	69	25	33.6	13.29	0.0808	233	1	100	10
1/25/2022	11:30 PM	0	0	0.236	0	34	69	24.9	33.5	13.29	0.0808	234	1	100	10
1/25/2022	11:40 PM	0	0	0.238	0	33.9	69	24.8	33.4	13.29	0.0808	233	1	100	10
1/25/2022	11:50 PM	0	0	0.238	0	33.7	69	24.6	33.2	13.3	0.0809	234	1	100	10
1/26/2022	12:00 AM	0	0	0.24	0	33.5	69	24.4	33	13.31	0.0809	234	1	100	10
1/26/2022	12:10 AM	0	0	0.241	0	33.3	69	24.2	32.8	13.32	0.081	234	1	100	10
1/26/2022	12:20 AM	0	0	0.242	0	33.2	69	24.1	32.7	13.32	0.081	233	1	100	10
1/26/2022	12:30 AM	0	0	0.244	0	33	69	23.9	32.5	13.33	0.081	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - JANUARY 24 TO 26, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
1/26/2022	12:40 AM	29.8	29.9	29.7	80	24.4	1	N	0.17	5	ENE	29.8	29.5	29 5	30.212
1/26/2022	12:50 AM	29.6	29.7	29.6	79	23.9	1	NW	0.17	4	ENE	29.6	29.3	29 3	30.213
1/26/2022	1:00 AM	29.6	29.7	29.6	79	23.9	1	NW	0.17	4	NNW	29.6	29.3	29 3	30.215
1/26/2022	1:10 AM	29.6	29.6	29.5	78	23.6	2	NW	0.33	5	NW	28.3	29.3	28	30.218
1/26/2022	1:20 AM	29.5	29.6	29.4	78	23.5	2	NW	0.33	9	NW	28.2	29.2	27 9	30.216
1/26/2022	1:30 AM	29.4	29.5	29.4	78	23.4	0	NW	0	4	NW	29.4	29.1	29.1	30.211
1/26/2022	1:40 AM	29.4	29.4	29.3	78	23.4	0	N	0	1	N	29.4	29.1	29.1	30.214
1/26/2022	1:50 AM	29.4	29.4	29.3	78	23.4	0	---	0	0	---	29.4	29.1	29.1	30.213
1/26/2022	2:00 AM	29.4	29.4	29.3	78	23.4	0	NNE	0	1	NNE	29.4	29.1	29.1	30.216
1/26/2022	2:10 AM	29.4	29.4	29.3	78	23.4	0	---	0	0	---	29.4	29.1	29.1	30.217
1/26/2022	2:20 AM	29.4	29.4	29.3	78	23.4	0	NW	0	2	N	29.4	29.1	29.1	30.221
1/26/2022	2:30 AM	29.3	29.4	29.2	76	22.7	0	NW	0	3	NNW	29.3	28.9	28 9	30.225
1/26/2022	2:40 AM	29	29.2	28.8	75	22.1	1	WNW	0.17	4	NW	29	28.6	28.6	30.222
1/26/2022	2:50 AM	28.7	28.9	28.6	75	21.8	1	NW	0.17	5	WNW	28.7	28.3	28 3	30.23
1/26/2022	3:00 AM	28.5	28.6	28.4	75	21.6	2	WNW	0.33	5	WNW	27.1	28.1	26.7	30.237
1/26/2022	3:10 AM	28.4	28.4	28.2	73	20.8	1	NW	0.17	4	WNW	28.4	28	28	30.238
1/26/2022	3:20 AM	28.1	28.3	27.9	73	20.6	2	NW	0.33	4	NW	26.7	27.7	26 3	30.246
1/26/2022	3:30 AM	27.8	27.9	27.7	73	20.3	2	NW	0.33	5	NW	26.4	27.4	26	30.252
1/26/2022	3:40 AM	27.6	27.8	27.4	72	19.8	2	NW	0.33	7	W	26.1	27.2	25.7	30.251
1/26/2022	3:50 AM	27.3	27.5	27.1	72	19.5	2	NNW	0.33	8	N	25.8	26.9	25.4	30.255
1/26/2022	4:00 AM	27	27.1	26.8	72	19.2	2	NNW	0.33	8	NNW	25.5	26.6	25.1	30.257
1/26/2022	4:10 AM	26.7	26.8	26.6	72	18.9	1	NW	0.17	4	NW	26.7	26.3	26 3	30.259
1/26/2022	4:20 AM	26.5	26.6	26.4	72	18.7	1	NW	0.17	4	NNW	26.5	26.1	26.1	30.26
1/26/2022	4:30 AM	26.3	26.4	26.2	73	18.8	0	NW	0	3	NW	26.3	25.9	25 9	30.262
1/26/2022	4:40 AM	26.1	26.2	26	72	18.3	1	NW	0.17	7	WNW	26.1	25.7	25.7	30.27
1/26/2022	4:50 AM	25.8	26	25.7	73	18.3	1	NW	0.17	4	NW	25.8	25.4	25.4	30.275
1/26/2022	5:00 AM	25.6	25.7	25.4	73	18.1	0	NW	0	2	NW	25.6	25.2	25 2	30.278
1/26/2022	5:10 AM	25.3	25.4	25.1	73	17.9	0	---	0	0	---	25.3	24.9	24 9	30.282
1/26/2022	5:20 AM	25	25.2	24.9	74	17.9	0	---	0	0	---	25	24.7	24.7	30.284
1/26/2022	5:30 AM	24.7	24.9	24.5	74	17.6	0	NW	0	1	NW	24.7	24.4	24.4	30.287
1/26/2022	5:40 AM	24.3	24.5	24.1	74	17.2	0	NW	0	2	NW	24.3	24	24	30.291
1/26/2022	5:50 AM	24	24.2	23.7	75	17.2	0	---	0	0	---	24	23.7	23.7	30.299
1/26/2022	6:00 AM	23.4	23.7	23.2	77	17.3	0	---	0	0	---	23.4	23.1	23.1	30.301
1/26/2022	6:10 AM	22.9	23.2	22.5	78	17.1	0	---	0	0	---	22.9	22.6	22.6	30.303
1/26/2022	6:20 AM	22.3	22.6	22	79	16.8	0	---	0	0	---	22.3	22.1	22.1	30.306
1/26/2022	6:30 AM	21.8	22	21.5	80	16.6	0	---	0	0	---	21.8	21.6	21.6	30.311
1/26/2022	6:40 AM	21.2	21.5	20.9	81	16.3	0	---	0	0	---	21.2	21	21	30.318
1/26/2022	6:50 AM	20.7	21	20.6	82	16.1	0	---	0	0	---	20.7	20.5	20 5	30.316
1/26/2022	7:00 AM	20.4	20.6	20.3	83	16.1	0	---	0	0	---	20.4	20.2	20 2	30.319
1/26/2022	7:10 AM	20.2	20.3	20.2	83	15.9	0	---	0	0	---	20.2	20	20	30.321
1/26/2022	7:20 AM	20.1	20.2	20	83	15.8	0	---	0	0	---	20.1	19.9	19 9	30.324
1/26/2022	7:30 AM	19.9	20.1	19.8	84	15.8	0	---	0	0	---	19.9	19.7	19.7	30.334
1/26/2022	7:40 AM	19.6	19.8	19.5	84	15.6	0	---	0	0	---	19.6	19.4	19.4	30.331
1/26/2022	7:50 AM	19.5	19.5	19.4	85	15.7	0	---	0	0	---	19.5	19.3	19 3	30.336
1/26/2022	8:00 AM	19.6	19.7	19.5	84	15.6	0	---	0	0	---	19.6	19.4	19.4	30.34
1/26/2022	8:10 AM	19.7	19.7	19.6	84	15.6	0	---	0	0	---	19.7	19.5	19 5	30.347
1/26/2022	8:20 AM	19.7	19.9	19.6	84	15.6	0	---	0	0	---	19.7	19.5	19 5	30.354
1/26/2022	8:30 AM	20	20.2	19.8	84	15.9	0	---	0	0	---	20	19.8	19 8	30.354
1/26/2022	8:40 AM	20.5	20.7	20.2	83	16.2	0	---	0	0	---	20.5	20.3	20 3	30.357

ATTACHMENT 6
WEATHER STATION DATA - JANUARY 24 TO 26, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
1/26/2022	12:40 AM	0	0	0 244	0	32.9	69	23.8	32.4	13.33	0.081	234	1	100	10
1/26/2022	12:50 AM	0	0	0 246	0	32.7	69	23.6	32.2	13.34	0.081	233	1	100	10
1/26/2022	1:00 AM	0	0	0 246	0	32.6	69	23.6	32.1	13.35	0.0811	235	1	100	10
1/26/2022	1:10 AM	0	0	0 246	0	32.4	69	23.4	31.9	13.35	0.0811	234	1	100	10
1/26/2022	1:20 AM	0	0	0 247	0	32.4	69	23.4	31.9	13.35	0.0811	234	1	100	10
1/26/2022	1:30 AM	0	0	0 247	0	32.3	69	23.3	31.8	13.36	0.0811	232	1	100	10
1/26/2022	1:40 AM	0	0	0 247	0	32.3	69	23.3	31.8	13.36	0.0811	234	1	100	10
1/26/2022	1:50 AM	0	0	0 247	0	32.1	69	23.1	31.6	13.37	0.0811	234	1	100	10
1/26/2022	2:00 AM	0	0	0 247	0	32.1	69	23.1	31.6	13.37	0.0812	234	1	100	10
1/26/2022	2:10 AM	0	0	0 247	0	32.3	69	23.3	31.8	13.36	0.0811	234	1	100	10
1/26/2022	2:20 AM	0	0	0 247	0	32.3	69	23.3	31.8	13.36	0.0811	234	1	100	10
1/26/2022	2:30 AM	0	0	0 248	0	32.1	69	23.1	31.6	13.37	0.0812	234	1	100	10
1/26/2022	2:40 AM	0	0	0.25	0	32.1	69	23.1	31.6	13.37	0.0812	234	1	100	10
1/26/2022	2:50 AM	0	0	0 252	0	31.9	69	22.9	31.4	13.37	0.0812	234	1	100	10
1/26/2022	3:00 AM	0	0	0 253	0	31.7	69	22.7	31.2	13.38	0.0813	234	1	100	10
1/26/2022	3:10 AM	0	0	0 254	0	31.5	69	22.5	31	13.39	0.0813	234	1	100	10
1/26/2022	3:20 AM	0	0	0 256	0	31.4	68	22.1	30.9	13.19	0.0814	234	1	100	10
1/26/2022	3:30 AM	0	0	0 258	0	31.2	68	21.9	30.7	13.2	0.0814	234	1	100	10
1/26/2022	3:40 AM	0	0	0.26	0	30.9	68	21.6	30.4	13.21	0.0815	234	1	100	10
1/26/2022	3:50 AM	0	0	0 262	0	30.7	68	21.4	30.2	13.22	0.0815	234	1	100	10
1/26/2022	4:00 AM	0	0	0 264	0	30.5	68	21.2	30	13.23	0.0816	234	1	100	10
1/26/2022	4:10 AM	0	0	0 266	0	30.2	68	20.9	29.7	13.24	0.0816	234	1	100	10
1/26/2022	4:20 AM	0	0	0 267	0	29.9	68	20.6	29.4	29.4	0.0817	233	1	100	10
1/26/2022	4:30 AM	0	0	0 269	0	29.7	68	20.4	29.2	29.2	0.0817	235	1	100	10
1/26/2022	4:40 AM	0	0	0.27	0	29.5	67	19.9	28.9	28.9	0.0818	233	1	100	10
1/26/2022	4:50 AM	0	0	0 272	0	29.3	67	19.7	28.7	28.7	0.0818	230	1	100	10
1/26/2022	5:00 AM	0	0	0 274	0	29	67	19.4	28.4	28.4	0.0819	234	1	100	10
1/26/2022	5:10 AM	0	0	0 276	0	28.8	67	19.2	28.3	28.3	0.0819	234	1	100	10
1/26/2022	5:20 AM	0	0	0 278	0	28.6	67	19	28.1	28.1	0.082	233	1	100	10
1/26/2022	5:30 AM	0	0	0.28	0	28.4	67	18.8	27.9	27.9	0.082	235	1	100	10
1/26/2022	5:40 AM	0	0	0 283	0	28.2	67	18.6	27.7	27.7	0.0821	234	1	100	10
1/26/2022	5:50 AM	0	0	0 285	0	28	67	18.5	27.5	27.5	0.0821	233	1	100	10
1/26/2022	6:00 AM	0	0	0 289	0	27.9	67	18.4	27.4	27.4	0.0821	233	1	100	10
1/26/2022	6:10 AM	0	0	0 292	0	27.7	67	18.2	27.2	27.2	0.0822	232	1	100	10
1/26/2022	6:20 AM	0	0	0 297	0	27.5	67	18	27	27	0.0822	234	1	100	10
1/26/2022	6:30 AM	0	0	0.3	0	27.3	67	17.8	26.8	26.8	0.0823	234	1	100	10
1/26/2022	6:40 AM	0	0	0 304	0	27.1	67	17.6	26.6	26.6	0.0823	234	1	100	10
1/26/2022	6:50 AM	0	0	0 308	0	26.8	67	17.3	26.3	26.3	0.0824	234	1	100	10
1/26/2022	7:00 AM	0	0	0.31	0	26.6	67	17.1	26.1	26.1	0.0824	233	1	100	10
1/26/2022	7:10 AM	0	0	0 311	0	26.4	67	16.9	25.9	25.9	0.0825	231	1	100	10
1/26/2022	7:20 AM	0	0	0 312	0	26.2	67	16.7	25.7	25.7	0.0825	233	1	100	10
1/26/2022	7:30 AM	0	0	0 313	0	26	67	16.5	25.5	25.5	0.0826	232	1	100	10
1/26/2022	7:40 AM	0	0	0 315	0	25.8	67	16.3	25.3	25.3	0.0826	234	1	100	10
1/26/2022	7:50 AM	0	0	0 316	0	25.6	67	16.2	25.1	25.1	0.0827	234	1	100	10
1/26/2022	8:00 AM	0	0	0 315	0	25.5	67	16.1	25	25	0.0827	233	1	100	10
1/26/2022	8:10 AM	0	0	0 315	0	25.5	67	16.1	25	25	0.0827	233	1	100	10
1/26/2022	8:20 AM	0	0	0 315	0	25.5	67	16.1	25	25	0.0827	234	1	100	10
1/26/2022	8:30 AM	0	0	0 313	0	25.5	67	16.1	25	25	0.0827	234	1	100	10
1/26/2022	8:40 AM	0	0	0 309	0	25.5	67	16.1	25	25	0.0827	233	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - JANUARY 24 TO 26, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
1/26/2022	8:50 AM	20.9	21.2	20.7	83	16.5	0	---	0	0	---	20.9	20.7	20.7	30.356
1/26/2022	9:00 AM	21.8	22.3	21.2	79	16.3	0	---	0	0	---	21.8	21.6	21.6	30.361
1/26/2022	9:10 AM	23.1	23.9	22.4	73	15.7	0	NNE	0	2	NNE	23.1	22.8	22.8	30.366
1/26/2022	9:20 AM	24.6	25.3	23.9	69	15.9	1	N	0.17	4	ESE	24.6	24.2	24.2	30.368
1/26/2022	9:30 AM	25.9	26.3	25.3	68	16.8	0	NW	0	3	NW	25.9	25.5	25.5	30.372
1/26/2022	9:40 AM	26.6	26.8	26.3	66	16.8	1	NW	0.17	5	NW	26.6	26.1	26.1	30.373
1/26/2022	9:50 AM	26.8	27.1	26.6	65	16.6	1	NE	0.17	6	NE	26.8	26.3	26.3	30.38
1/26/2022	10:00 AM	27.2	27.4	27.1	66	17.3	1	N	0.17	4	N	27.2	26.7	26.7	30.381
1/26/2022	10:10 AM	27.6	27.9	27.4	63	16.6	1	NNE	0.17	4	NE	27.6	27.1	27.1	30.392
1/26/2022	10:20 AM	27.9	28.2	27.7	62	16.6	2	ENE	0.33	4	W	26.5	27.3	25.9	30.394
1/26/2022	10:30 AM	28.6	29.1	28.1	60	16.5	1	NE	0.17	5	ENE	28.6	28	28	30.393
1/26/2022	10:40 AM	29.4	29.6	29.1	60	17.2	1	NNE	0.17	4	NNW	29.4	28.8	28.8	30.396
1/26/2022	10:50 AM	29.8	30	29.7	58	16.8	2	W	0.33	4	NE	28.6	29.1	27.9	30.396
1/26/2022	11:00 AM	30	30.5	29.7	56	16.2	1	SE	0.17	4	SSE	30	29.3	29.3	30.396
1/26/2022	11:10 AM	30.4	30.7	30.2	58	17.4	2	N	0.33	6	NNW	29.2	29.7	28.5	30.397
1/26/2022	11:20 AM	30.5	30.7	30.3	55	16.2	2	N	0.33	7	NNE	29.3	29.8	28.6	30.396
1/26/2022	11:30 AM	30.9	31.3	30.5	52	15.3	1	ESE	0.17	7	SE	30.9	30.1	30.1	30.394
1/26/2022	11:40 AM	31.3	31.4	31.2	52	15.7	2	WSW	0.33	7	WSW	30.2	30.4	29.3	30.393
1/26/2022	11:50 AM	31.8	32.3	31.4	48	14.3	2	NNW	0.33	5	NW	30.7	30.9	29.8	30.388
1/26/2022	12:00 PM	32.4	32.6	32.2	49	15.3	1	NW	0.17	5	WNW	32.4	31.5	31.5	30.387

ATTACHMENT 6
WEATHER STATION DATA - JANUARY 24 TO 26, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
1/26/2022	8:50 AM	0	0	0 306	0	25.7	67	16.3	25.2	25.2	0.0827	232	1	100	10
1/26/2022	9:00 AM	0	0	0 3	0	25.9	67	16.4	25.4	25.4	0.0827	235	1	100	10
1/26/2022	9:10 AM	0	0	0 291	0	26.2	67	16.7	25.7	25.7	0.0826	232	1	100	10
1/26/2022	9:20 AM	0	0	0 281	0	26.6	66	16.8	26.1	26.1	0.0826	233	1	100	10
1/26/2022	9:30 AM	0	0	0 272	0	27	66	17.1	26.5	26.5	0.0825	234	1	100	10
1/26/2022	9:40 AM	0	0	0 267	0	27.4	65	17.2	26.9	26.9	0.0824	234	1	100	10
1/26/2022	9:50 AM	0	0	0 265	0	27.8	65	17.6	27.3	27.3	0.0824	234	1	100	10
1/26/2022	10:00 AM	0	0	0 262	0	28.2	65	17.9	27.7	27.7	0.0823	234	1	100	10
1/26/2022	10:10 AM	0	0	0 26	0	28.6	64	18	28	28	0.0823	233	1	100	10
1/26/2022	10:20 AM	0	0	0 258	0	29	64	18.3	28.4	28.4	0.0822	233	1	100	10
1/26/2022	10:30 AM	0	0	0 253	0	29.5	63	18.4	28.9	28.9	0.0821	234	1	100	10
1/26/2022	10:40 AM	0	0	0 247	0	30	63	18.9	29.4	12.15	0.082	233	1	100	10
1/26/2022	10:50 AM	0	0	0 244	0	30.6	63	19.5	30	12.13	0.0819	234	1	100	10
1/26/2022	11:00 AM	0	0	0 243	0	31.1	62	19.6	30.4	11.91	0.0819	234	1	100	10
1/26/2022	11:10 AM	0	0	0 24	0	31.5	61	19.6	30.8	11.62	0.0818	234	1	100	10
1/26/2022	11:20 AM	0	0	0 24	0	31.8	61	19.9	31.1	11.61	0.0817	234	1	100	10
1/26/2022	11:30 AM	0	0	0 237	0	32.1	61	20.2	31.4	11.61	0.0817	234	1	100	10
1/26/2022	11:40 AM	0	0	0 234	0	32.5	60	20.1	31.8	11.45	0.0816	234	1	100	10
1/26/2022	11:50 AM	0	0	0 231	0	32.9	60	20.5	32.2	11.45	0.0815	234	1	100	10
1/26/2022	12:00 PM	0	0	0 226	0	33.3	59	20.5	32.6	11.25	0.0815	233	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - FEBRUARY 7 - 8, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
2/7/2022	12:10 AM	28.4	28 8	28	70	19 9	0	E	0	4	E	28.4	27.9	27.9	30.331
2/7/2022	12:20 AM	28.9	28 9	28.7	71	20.7	0	---	0	0	---	28.9	28.4	28.4	30.332
2/7/2022	12:30 AM	28.6	28 8	28.3	71	20.4	0	---	0	0	---	28.6	28.1	28.1	30.328
2/7/2022	12:40 AM	28.1	28 3	28.1	71	19 9	0	ENE	0	3	ESE	28.1	27.6	27.6	30.324
2/7/2022	12:50 AM	27.9	28 2	27.6	74	20.7	0	---	0	0	---	27.9	27.5	27.5	30.324
2/7/2022	1:00 AM	27.2	27 6	27	76	20 6	0	---	0	0	---	27.2	26.8	26.8	30.317
2/7/2022	1:10 AM	26.9	27	26.8	74	19.7	0	ENE	0	2	ENE	26.9	26.5	26.5	30.309
2/7/2022	1:20 AM	26.9	26 9	26.8	75	20	0	ENE	0	1	ENE	26.9	26.5	26.5	30.306
2/7/2022	1:30 AM	26.6	26 8	26.3	76	20.1	0	---	0	0	---	26.6	26.2	26.2	30.305
2/7/2022	1:40 AM	26.1	26 3	25.9	76	19 6	0	ENE	0	2	ENE	26.1	25.7	25.7	30.3
2/7/2022	1:50 AM	25.9	26	25.8	75	19.1	1	ENE	0.17	3	NE	25.9	25.5	25.5	30.293
2/7/2022	2:00 AM	26.4	26 8	26	72	18 6	0	ENE	0	3	ENE	26.4	26	26	30.294
2/7/2022	2:10 AM	27.1	27.5	26.8	71	18 9	0	NE	0	4	NNE	27.1	26.7	26.7	30.294
2/7/2022	2:20 AM	27.8	28.1	27.4	69	18 9	1	NNE	0.17	4	NNE	27.8	27.3	27.3	30.297
2/7/2022	2:30 AM	28	28.1	27.9	69	19.1	0	ENE	0	2	ENE	28	27.5	27.5	30.296
2/7/2022	2:40 AM	27.6	27 9	27.3	71	19.4	1	ENE	0.17	3	E	27.6	27.2	27.2	30.289
2/7/2022	2:50 AM	27.3	27.5	27.2	69	18.5	1	NE	0.17	4	NE	27.3	26.9	26.9	30.296
2/7/2022	3:00 AM	27.8	27 9	27.5	68	18 6	0	SE	0	2	SE	27.8	27.3	27.3	30.297
2/7/2022	3:10 AM	27.6	27 9	27.4	69	18 8	0	E	0	3	NE	27.6	27.1	27.1	30.296
2/7/2022	3:20 AM	27.2	27.4	26.8	70	18.7	0	---	0	0	---	27.2	26.8	26.8	30.298
2/7/2022	3:30 AM	26.6	26 9	26.4	71	18.5	0	ENE	0	2	NE	26.6	26.2	26.2	30.298
2/7/2022	3:40 AM	26.1	26.4	25.7	73	18 6	0	---	0	0	---	26.1	25.7	25.7	30.298
2/7/2022	3:50 AM	25.3	25.7	25	75	18.5	0	ENE	0	2	ENE	25.3	25	25	30.297
2/7/2022	4:00 AM	24.9	25.1	24.8	76	18.4	0	ENE	0	2	ENE	24.9	24.6	24.6	30.291
2/7/2022	4:10 AM	24.7	24 8	24.6	76	18 2	0	ENE	0	2	E	24.7	24.4	24.4	30.289
2/7/2022	4:20 AM	24.3	24 6	24.1	76	17 8	0	E	0	2	E	24.3	24	24	30.29
2/7/2022	4:30 AM	23.9	24.1	23.7	77	17.7	0	---	0	0	---	23.9	23.6	23.6	30.29
2/7/2022	4:40 AM	23.6	23.7	23.5	80	18 3	0	---	0	0	---	23.6	23.3	23.3	30.295
2/7/2022	4:50 AM	23.5	23.5	23.4	82	18 8	0	---	0	0	---	23.5	23.2	23.2	30.29
2/7/2022	5:00 AM	23.4	23.4	23.3	81	18.4	0	E	0	1	E	23.4	23.1	23.1	30.298
2/7/2022	5:10 AM	23.3	23.4	23.2	81	18 3	0	E	0	1	E	23.3	23	23	30.291
2/7/2022	5:20 AM	23.3	23.4	23.3	79	17.7	0	---	0	0	---	23.3	23	23	30.291
2/7/2022	5:30 AM	23.3	23.4	23.2	79	17.7	0	E	0	2	E	23.3	23	23	30.298
2/7/2022	5:40 AM	23.3	23.4	23.1	79	17.7	0	---	0	0	---	23.3	23	23	30.298
2/7/2022	5:50 AM	23	23 2	22.7	80	17.7	0	---	0	0	---	23	22.7	22.7	30.3
2/7/2022	6:00 AM	22.6	22 8	22.5	80	17.4	0	---	0	0	---	22.6	22.3	22.3	30.297
2/7/2022	6:10 AM	22.4	22.5	22.2	81	17.5	0	---	0	0	---	22.4	22.2	22.2	30.295
2/7/2022	6:20 AM	22.1	22 3	21.9	81	17 2	0	---	0	0	---	22.1	21.9	21.9	30.295
2/7/2022	6:30 AM	21.7	22	21.6	84	17 6	0	---	0	0	---	21.7	21.5	21.5	30.291
2/7/2022	6:40 AM	21.7	21 8	21.6	83	17 3	0	---	0	0	---	21.7	21.5	21.5	30.291
2/7/2022	6:50 AM	21.9	22	21.7	82	17 2	0	E	0	1	E	21.9	21.7	21.7	30.282
2/7/2022	7:00 AM	22.3	22 6	22	80	17.1	0	ESE	0	2	ESE	22.3	22.1	22.1	30.284
2/7/2022	7:10 AM	22.8	22 8	22.6	79	17 3	0	ESE	0	2	ESE	22.8	22.5	22.5	30.283
2/7/2022	7:20 AM	22.6	22.7	22.5	79	17.1	0	ESE	0	2	ESE	22.6	22.3	22.3	30.282
2/7/2022	7:30 AM	22.7	22.7	22.5	79	17 2	0	ESE	0	2	ESE	22.7	22.4	22.4	30.28
2/7/2022	7:40 AM	22.7	22.7	22.7	80	17.5	0	---	0	0	---	22.7	22.4	22.4	30.273

ATTACHMENT 6
WEATHER STATION DATA - FEBRUARY 7 - 8, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
2/7/2022	12:10 AM	0	0	0.254	0	29 9	63	18.8	29.3	29.3	0.0819	234	1	100	10
2/7/2022	12:20 AM	0	0	0.251	0	29 9	63	18.8	29.3	29.3	0.0819	232	1	100	10
2/7/2022	12:30 AM	0	0	0.253	0	29 8	63	18.7	29.2	29.2	0.0819	234	1	100	10
2/7/2022	12:40 AM	0	0	0.256	0	29 8	63	18.7	29.2	29.2	0.0819	234	1	100	10
2/7/2022	12:50 AM	0	0	0.258	0	29 6	63	18.5	29	29	0.0819	234	1	100	10
2/7/2022	1:00 AM	0	0	0.262	0	29.5	64	18.8	28.9	28.9	0.0819	233	1	100	10
2/7/2022	1:10 AM	0	0	0.265	0	29.4	64	18.7	28.8	28.8	0.0819	235	1	100	10
2/7/2022	1:20 AM	0	0	0.265	0	29 3	64	18.6	28.7	28.7	0.0819	233	1	100	10
2/7/2022	1:30 AM	0	0	0.267	0	29.1	64	18.4	28.5	28.5	0.082	233	1	100	10
2/7/2022	1:40 AM	0	0	0.27	0	28 9	64	18.2	28.3	28.3	0.082	233	1	100	10
2/7/2022	1:50 AM	0	0	0.272	0	28 8	64	18.1	28.2	28.2	0.082	234	1	100	10
2/7/2022	2:00 AM	0	0	0.268	0	28 6	64	18	28	28	0.082	234	1	100	10
2/7/2022	2:10 AM	0	0	0.263	0	28 6	65	18.3	28	28	0.082	234	1	100	10
2/7/2022	2:20 AM	0	0	0.258	0	28 6	65	18.3	28	28	0.082	234	1	100	10
2/7/2022	2:30 AM	0	0	0.257	0	28 6	65	18.3	28	28	0.082	234	1	100	10
2/7/2022	2:40 AM	0	0	0.26	0	28.7	65	18.4	28.1	28.1	0.082	234	1	100	10
2/7/2022	2:50 AM	0	0	0.262	0	28 6	65	18.3	28	28	0.082	234	1	100	10
2/7/2022	3:00 AM	0	0	0.258	0	28 6	65	18.3	28	28	0.082	233	1	100	10
2/7/2022	3:10 AM	0	0	0.26	0	28 6	65	18.3	28	28	0.082	234	1	100	10
2/7/2022	3:20 AM	0	0	0.262	0	28 6	65	18.3	28	28	0.082	235	1	100	10
2/7/2022	3:30 AM	0	0	0.267	0	28.4	65	18.1	27.9	27.9	0.0821	232	1	100	10
2/7/2022	3:40 AM	0	0	0.27	0	28.4	65	18.1	27.9	27.9	0.0821	232	1	100	10
2/7/2022	3:50 AM	0	0	0.276	0	28 2	65	17.9	27.7	27.7	0.0821	232	1	100	10
2/7/2022	4:00 AM	0	0	0.278	0	28	65	17.7	27.5	27.5	0.0821	233	1	100	10
2/7/2022	4:10 AM	0	0	0.28	0	27 8	65	17.6	27.3	27.3	0.0821	233	1	100	10
2/7/2022	4:20 AM	0	0	0.283	0	27.7	66	17.8	27.2	27.2	0.0822	233	1	100	10
2/7/2022	4:30 AM	0	0	0.285	0	27.5	66	17.6	27	27	0.0822	235	1	100	10
2/7/2022	4:40 AM	0	0	0.287	0	27.4	66	17.5	26.9	26.9	0.0822	234	1	100	10
2/7/2022	4:50 AM	0	0	0.288	0	27 2	66	17.3	26.7	26.7	0.0822	234	1	100	10
2/7/2022	5:00 AM	0	0	0.289	0	27	66	17.1	26.5	26.5	0.0823	233	1	100	10
2/7/2022	5:10 AM	0	0	0.29	0	26 9	66	17	26.4	26.4	0.0823	234	1	100	10
2/7/2022	5:20 AM	0	0	0.29	0	26 8	66	17	26.3	26.3	0.0823	234	1	100	10
2/7/2022	5:30 AM	0	0	0.29	0	26.7	66	16.9	26.2	26.2	0.0824	234	1	100	10
2/7/2022	5:40 AM	0	0	0.29	0	26 6	66	16.8	26.1	26.1	0.0824	235	1	100	10
2/7/2022	5:50 AM	0	0	0.292	0	26.5	66	16.7	26	26	0.0824	233	1	100	10
2/7/2022	6:00 AM	0	0	0.294	0	26.5	67	17	26	26	0.0824	234	1	100	10
2/7/2022	6:10 AM	0	0	0.296	0	26.4	67	16.9	25.9	25.9	0.0824	234	1	100	10
2/7/2022	6:20 AM	0	0	0.298	0	26 2	67	16.7	25.7	25.7	0.0824	234	1	100	10
2/7/2022	6:30 AM	0	0	0.301	0	26 2	67	16.7	25.7	25.7	0.0824	234	1	100	10
2/7/2022	6:40 AM	0	0	0.301	0	26.1	67	16.6	25.6	25.6	0.0824	233	1	100	10
2/7/2022	6:50 AM	0	0	0.299	0	25 9	67	16.4	25.4	25.4	0.0825	233	1	100	10
2/7/2022	7:00 AM	0	0	0.297	0	25 9	67	16.4	25.4	25.4	0.0825	234	1	100	10
2/7/2022	7:10 AM	0	0	0.293	0	25 8	67	16.3	25.3	25.3	0.0825	234	1	100	10
2/7/2022	7:20 AM	0	0	0.294	0	25 8	67	16.3	25.3	25.3	0.0825	233	1	100	10
2/7/2022	7:30 AM	0	0	0.294	0	25 8	67	16.3	25.3	25.3	0.0825	234	1	100	10
2/7/2022	7:40 AM	0	0	0.294	0	25 8	67	16.3	25.3	25.3	0.0825	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - FEBRUARY 7 - 8, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
2/7/2022	7:50 AM	22.6	22.7	22.4	80	17.4	0	ESE	0	1	ESE	22.6	22.3	22.3	30.263
2/7/2022	8:00 AM	22.3	22.4	22.2	82	17.6	0	---	0	0	---	22.3	22.1	22.1	30.257
2/7/2022	8:10 AM	22.6	23	22.2	82	17.9	0	---	0	0	---	22.6	22.4	22.4	30.262
2/7/2022	8:20 AM	23.2	23.4	23	83	18.8	0	---	0	0	---	23.2	23	23	30.263
2/7/2022	8:30 AM	23.7	23.9	23.4	83	19.3	0	---	0	0	---	23.7	23.5	23.5	30.271
2/7/2022	8:40 AM	24.1	24.3	23.9	82	19.4	0	---	0	0	---	24.1	23.8	23.8	30.291
2/7/2022	8:50 AM	24.4	24.6	24.2	83	20	0	ESE	0	1	ESE	24.4	24.2	24.2	30.3
2/7/2022	9:00 AM	24.9	25.2	24.6	82	20.2	0	---	0	0	---	24.9	24.6	24.6	30.284
2/7/2022	9:10 AM	25.8	26.3	25.2	79	20.2	0	---	0	0	---	25.8	25.5	25.5	30.289
2/7/2022	9:20 AM	26.8	27.3	26.4	77	20.6	0	---	0	0	---	26.8	26.4	26.4	30.295
2/7/2022	9:30 AM	27.8	28.3	27.3	71	19.6	0	E	0	2	E	27.8	27.3	27.3	30.295
2/7/2022	9:40 AM	28.7	29	28.3	69	19.8	0	---	0	0	---	28.7	28.2	28.2	30.304
2/7/2022	9:50 AM	29.3	29.7	29	70	20.7	0	---	0	0	---	29.3	28.8	28.8	30.296
2/7/2022	10:00 AM	30	30.3	29.7	71	21.7	0	---	0	0	---	30	29.5	29.5	30.295
2/7/2022	10:10 AM	30.6	31	30.3	69	21.6	0	---	0	0	---	30.6	30.1	30.1	30.293
2/7/2022	10:20 AM	31.2	31.4	30.9	67	21.5	0	NNE	0	2	NE	31.2	30.6	30.6	30.286
2/7/2022	10:30 AM	31.7	32.1	31.4	67	22	0	SE	0	2	SE	31.7	31.1	31.1	30.281
2/7/2022	10:40 AM	32.5	32.8	32.1	66	22.4	1	SE	0.17	4	SSE	32.5	31.9	31.9	30.276
2/7/2022	10:50 AM	32.9	33.2	32.8	67	23.1	1	ESE	0.17	3	ENE	32.9	32.3	32.3	30.274
2/7/2022	11:00 AM	33.6	34.1	33.2	65	23.1	1	ENE	0.17	2	ESE	33.6	33	33	30.277
2/7/2022	11:10 AM	34.8	35.3	34.1	62	23.1	1	SSE	0.17	2	SSE	34.8	34.1	34.1	30.272
2/7/2022	11:20 AM	35.5	35.7	35.2	62	23.8	1	ENE	0.17	3	NNE	35.5	34.8	34.8	30.266
2/7/2022	11:30 AM	36	36.3	35.7	60	23.4	1	N	0.17	3	N	36	35.2	35.2	30.268
2/7/2022	11:40 AM	36.9	37.4	36.3	60	24.3	0	NNE	0	3	ENE	36.9	36.1	36.1	30.261
2/7/2022	11:50 AM	38.3	38.9	37.4	58	24.8	1	E	0.17	4	SE	38.3	37.5	37.5	30.251
2/7/2022	12:00 PM	39.3	39.6	38.9	55	24.5	1	SE	0.17	2	SE	39.3	38.4	38.4	30.245
2/7/2022	12:10 PM	39.8	40.1	39.6	54	24.5	1	WNW	0.17	3	NNW	39.8	38.8	38.8	30.238
2/7/2022	12:20 PM	40.4	40.6	40.1	54	25.1	1	WSW	0.17	4	WSW	40.4	39.4	39.4	30.229
2/7/2022	12:30 PM	40.9	41.2	40.6	55	26	1	W	0.17	4	W	40.9	39.9	39.9	30.231
2/7/2022	12:40 PM	41.5	41.6	41.2	55	26.5	2	W	0.33	4	W	41.5	40.5	40.5	30.226
2/7/2022	12:50 PM	42.2	42.6	41.6	53	26.3	1	NE	0.17	4	S	42.2	41.2	41.2	30.222
2/7/2022	1:00 PM	42.4	42.6	42.2	52	26	3	W	0.5	7	W	41.1	41.3	40	30.212
2/7/2022	1:10 PM	42.2	42.4	42	52	25.8	3	W	0.5	8	W	40.8	41.1	39.7	30.208
2/7/2022	1:20 PM	42.6	42.9	42.3	53	26.6	2	W	0.33	6	W	42.6	41.6	41.6	30.209
2/7/2022	1:30 PM	43.3	43.9	42.9	50	25.9	2	ESE	0.33	6	W	43.3	42.2	42.2	30.192
2/7/2022	1:40 PM	43.9	44.2	43.7	53	27.9	1	E	0.17	4	W	43.9	42.9	42.9	30.184
2/7/2022	1:50 PM	44.7	45.1	44.3	49	26.7	3	WSW	0.5	8	W	43.7	43.6	42.6	30.171
2/7/2022	2:00 PM	44.6	44.8	44.4	48	26.1	1	WSW	0.17	5	SW	44.6	43.4	43.4	30.164
2/7/2022	2:10 PM	45.2	45.5	44.8	47	26.1	2	WNW	0.33	5	S	45.2	44	44	30.162
2/7/2022	2:20 PM	45.2	45.4	45.1	48	26.7	2	S	0.33	6	S	45.2	44	44	30.158
2/7/2022	2:30 PM	45.5	45.6	45.3	48	26.9	1	SSW	0.17	3	SSW	45.5	44.3	44.3	30.161
2/7/2022	2:40 PM	45.3	45.6	45	46	25.7	2	NW	0.33	5	WNW	45.3	44	44	30.15
2/7/2022	2:50 PM	45	45.2	44.9	50	27.5	2	ENE	0.33	5	SSE	45	43.9	43.9	30.143
2/7/2022	3:00 PM	45.2	45.4	45.1	47	26.1	2	SSE	0.33	6	W	45.2	44	44	30.146
2/7/2022	3:10 PM	45.2	45.4	45.1	46	25.6	2	WSW	0.33	4	W	45.2	43.9	43.9	30.145
2/7/2022	3:20 PM	45.2	45.3	44.9	47	26.1	2	NW	0.33	7	NW	45.2	44	44	30.147

ATTACHMENT 6
WEATHER STATION DATA - FEBRUARY 7 - 8, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
2/7/2022	7:50 AM	0	0	0.294	0	25 8	67	16.3	25.3	25.3	0.0824	233	1	100	10
2/7/2022	8:00 AM	0	0	0.297	0	25 8	67	16.3	25.3	25.3	0.0824	234	1	100	10
2/7/2022	8:10 AM	0	0	0.294	0	25 8	67	16.3	25.3	25.3	0.0824	232	1	100	10
2/7/2022	8:20 AM	0	0	0.29	0	26	67	16.5	25.5	25.5	0.0824	233	1	100	10
2/7/2022	8:30 AM	0	0	0.287	0	26 2	67	16.7	25.7	25.7	0.0824	234	1	100	10
2/7/2022	8:40 AM	0	0	0.284	0	26.4	67	16.9	25.9	25.9	0.0824	232	1	100	10
2/7/2022	8:50 AM	0	0	0.282	0	26 6	67	17.1	26.1	26.1	0.0824	234	1	100	10
2/7/2022	9:00 AM	0	0	0.278	0	27	67	17.5	26.5	26.5	0.0823	233	1	100	10
2/7/2022	9:10 AM	0	0	0.272	0	27.4	67	17.9	26.9	26.9	0.0822	233	1	100	10
2/7/2022	9:20 AM	0	0	0.265	0	27 8	67	18.3	27.3	27.3	0.0822	233	1	100	10
2/7/2022	9:30 AM	0	0	0.258	0	28.4	66	18.5	27.9	27.9	0.082	234	1	100	10
2/7/2022	9:40 AM	0	0	0.252	0	28 9	66	19	28.3	28.3	0.082	233	1	100	10
2/7/2022	9:50 AM	0	0	0.248	0	29.5	66	19.5	28.9	28.9	0.0819	233	1	100	10
2/7/2022	10:00 AM	0	0	0.243	0	30.1	66	20.1	29.5	12.75	0.0817	234	1	100	10
2/7/2022	10:10 AM	0	0	0.239	0	30.7	66	20.7	30.1	12.74	0.0816	235	1	100	10
2/7/2022	10:20 AM	0	0	0.235	0	31 3	65	20.9	30.7	12.5	0.0815	234	1	100	10
2/7/2022	10:30 AM	0	0	0.231	0	31 8	65	21.4	31.2	12.48	0.0814	233	1	100	10
2/7/2022	10:40 AM	0	0	0.226	0	32.4	65	21.9	31.8	12.45	0.0813	234	1	100	10
2/7/2022	10:50 AM	0	0	0.223	0	33	65	22.5	32.4	12.43	0.0812	233	1	100	10
2/7/2022	11:00 AM	0	0	0.218	0	33.7	64	22.8	33.1	12.2	0.0811	234	1	100	10
2/7/2022	11:10 AM	0	0	0.21	0	34 3	64	23.4	33.7	12.18	0.0809	235	1	100	10
2/7/2022	11:20 AM	0	0	0.205	0	34 9	64	23.9	34.3	12.15	0.0808	234	1	100	10
2/7/2022	11:30 AM	0	0	0.201	0	35.4	64	24.4	34.7	12.15	0.0807	234	1	100	10
2/7/2022	11:40 AM	0	0	0.195	0	36	63	24.6	35.3	11.93	0.0806	234	1	100	10
2/7/2022	11:50 AM	0	0	0.185	0	36 6	63	25.2	35.9	11.92	0.0805	233	1	100	10
2/7/2022	12:00 PM	0	0	0.178	0	37 3	63	25.8	36.6	11.9	0.0803	234	1	100	10
2/7/2022	12:10 PM	0	0	0.175	0	38.1	62	26.2	37.3	11.69	0.0802	231	1	100	10
2/7/2022	12:20 PM	0	0	0.171	0	38 9	62	27	38.1	11.67	0.08	235	1	100	10
2/7/2022	12:30 PM	0	0	0.167	0	39 6	62	27.6	38.8	11.66	0.0799	233	1	100	10
2/7/2022	12:40 PM	0	0	0.163	0	40 2	61	27.8	39.4	11.45	0.0798	234	1	100	10
2/7/2022	12:50 PM	0	0	0.158	0	40 8	61	28.4	40	11.45	0.0797	234	1	100	10
2/7/2022	1:00 PM	0	0	0.157	0	41.4	60	28.5	40.6	11.22	0.0796	233	1	100	10
2/7/2022	1:10 PM	0	0	0.158	0	42	60	29.1	41.2	11.21	0.0794	234	1	100	10
2/7/2022	1:20 PM	0	0	0.156	0	42 3	60	29.4	41.5	11.2	0.0794	233	1	100	10
2/7/2022	1:30 PM	0	0	0.151	0	42.5	59	29.2	41.7	11	0.0793	234	1	100	10
2/7/2022	1:40 PM	0	0	0.147	0	42 8	59	29.5	42	10.99	0.0792	232	1	100	10
2/7/2022	1:50 PM	0	0	0.141	0	42 9	58	29.1	42	10.83	0.0792	213	1	93.4	10
2/7/2022	2:00 PM	0	0	0.142	0	43.4	58	29.6	42.5	10.81	0.0791	234	1	100	10
2/7/2022	2:10 PM	0	0	0.137	0	43.7	58	29.9	42.8	10.8	0.079	234	1	100	10
2/7/2022	2:20 PM	0	0	0.137	0	43 9	58	30.1	43	10.79	0.079	233	1	100	10
2/7/2022	2:30 PM	0	0	0.135	0	44 2	58	30.3	43.3	10.78	0.0789	235	1	100	10
2/7/2022	2:40 PM	0	0	0.137	0	44.5	57	30.2	43.6	10.57	0.0789	234	1	100	10
2/7/2022	2:50 PM	0	0	0.139	0	44.7	57	30.4	43.8	10.56	0.0788	234	1	100	10
2/7/2022	3:00 PM	0	0	0.137	0	44 8	57	30.5	43.9	10.56	0.0788	233	1	100	10
2/7/2022	3:10 PM	0	0	0.137	0	44 9	57	30.6	44	10.55	0.0788	234	1	100	10
2/7/2022	3:20 PM	0	0	0.137	0	45	56	30.2	44	10.45	0.0788	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - FEBRUARY 7 - 8, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
2/7/2022	3:30 PM	44.9	45.1	44.9	48	26.4	3	W	0.5	7	W	43.9	43.7	42.7	30.155
2/7/2022	3:40 PM	45.5	45.9	45.1	47	26.4	3	W	0.5	8	W	44.6	44.3	43.4	30.154
2/7/2022	3:50 PM	46.2	46.4	45.9	46	26.5	4	NW	0.67	8	W	44.4	44.9	43.1	30.156
2/7/2022	4:00 PM	45.5	45.9	45.3	48	26.9	2	WSW	0.33	7	W	45.5	44.3	44.3	30.155
2/7/2022	4:10 PM	45.3	45.4	45.2	48	26.7	2	W	0.33	7	W	45.3	44.1	44.1	30.151
2/7/2022	4:20 PM	45.4	45.7	45.2	48	26.8	3	W	0.5	7	SW	44.5	44.2	43.3	30.148
2/7/2022	4:30 PM	45.7	46	45.3	47	26.6	2	WSW	0.33	6	W	45.7	44.5	44.5	30.155
2/7/2022	4:40 PM	45.2	45.3	45	48	26.7	2	W	0.33	7	W	45.2	44	44	30.154
2/7/2022	4:50 PM	44.8	45	44.7	50	27.3	2	WSW	0.33	6	W	44.8	43.7	43.7	30.152
2/7/2022	5:00 PM	45.1	45.4	44.7	49	27.1	1	W	0.17	4	SSE	45.1	44	44	30.151
2/7/2022	5:10 PM	45.3	45.5	45	48	26.7	2	W	0.33	7	WSW	45.3	44.1	44.1	30.156
2/7/2022	5:20 PM	44.9	45.1	44.7	51	27.8	1	WSW	0.17	5	WSW	44.9	43.8	43.8	30.154
2/7/2022	5:30 PM	44.3	44.7	43.9	53	28.2	1	WSW	0.17	6	WNW	44.3	43.3	43.3	30.154
2/7/2022	5:40 PM	43.4	43.9	42.9	54	27.8	0	SW	0	3	S	43.4	42.4	42.4	30.154
2/7/2022	5:50 PM	42.4	42.9	41.8	56	27.8	1	S	0.17	2	S	42.4	41.4	41.4	30.152
2/7/2022	6:00 PM	41.2	41.8	40.6	56	26.7	0	S	0	2	S	41.2	40.2	40.2	30.149
2/7/2022	6:10 PM	40	40.6	39.4	59	26.8	0	S	0	2	S	40	39.2	39.2	30.147
2/7/2022	6:20 PM	38.9	39.4	38.3	62	27	0	---	0	0	---	38.9	38.1	38.1	30.142
2/7/2022	6:30 PM	37.6	38.3	37	65	26.9	0	---	0	0	---	37.6	36.9	36.9	30.14
2/7/2022	6:40 PM	36.4	36.9	35.7	67	26.5	0	---	0	0	---	36.4	35.7	35.7	30.143
2/7/2022	6:50 PM	35.2	35.7	34.7	68	25.7	0	---	0	0	---	35.2	34.6	34.6	30.14
2/7/2022	7:00 PM	34.2	34.7	33.8	70	25.4	0	---	0	0	---	34.2	33.7	33.7	30.138
2/7/2022	7:10 PM	33.4	33.8	33	72	25.3	0	---	0	0	---	33.4	32.9	32.9	30.143
2/7/2022	7:20 PM	32.6	33	32.2	73	24.9	0	---	0	0	---	32.6	32.2	32.2	30.143
2/7/2022	7:30 PM	31.9	32.2	31.7	74	24.6	0	---	0	0	---	31.9	31.5	31.5	30.145
2/7/2022	7:40 PM	31.5	31.7	31.4	75	24.5	0	E	0	2	E	31.5	31.1	31.1	30.152
2/7/2022	7:50 PM	31.4	31.5	31.3	76	24.7	0	E	0	2	E	31.4	31	31	30.148
2/7/2022	8:00 PM	31.4	31.5	31.3	76	24.7	0	---	0	0	---	31.4	31	31	30.154
2/7/2022	8:10 PM	31.2	31.4	31	77	24.8	0	---	0	0	---	31.2	30.8	30.8	30.161
2/7/2022	8:20 PM	30.8	31	30.6	77	24.4	0	---	0	0	---	30.8	30.4	30.4	30.159
2/7/2022	8:30 PM	30.4	30.7	30.3	78	24.4	0	---	0	0	---	30.4	30.1	30.1	30.158
2/7/2022	8:40 PM	30.2	30.3	30	79	24.5	0	---	0	0	---	30.2	29.9	29.9	30.157
2/7/2022	8:50 PM	29.8	30	29.6	80	24.4	0	---	0	0	---	29.8	29.5	29.5	30.158
2/7/2022	9:00 PM	29.6	29.6	29.5	80	24.2	0	---	0	0	---	29.6	29.3	29.3	30.158
2/7/2022	9:10 PM	29.5	29.6	29.4	82	24.7	0	---	0	0	---	29.5	29.2	29.2	30.157
2/7/2022	9:20 PM	29.4	29.5	29.3	82	24.6	0	---	0	0	---	29.4	29.1	29.1	30.154
2/7/2022	9:30 PM	29.1	29.3	28.8	82	24.3	0	---	0	0	---	29.1	28.8	28.8	30.153
2/7/2022	9:40 PM	28.6	28.9	28.4	83	24.1	0	---	0	0	---	28.6	28.4	28.4	30.156
2/7/2022	9:50 PM	28.3	28.4	28.2	84	24.1	0	---	0	0	---	28.3	28.1	28.1	30.153
2/7/2022	10:00 PM	28.3	28.4	28.2	83	23.8	0	---	0	0	---	28.3	28.1	28.1	30.159
2/7/2022	10:10 PM	28.2	28.3	28.1	83	23.7	0	---	0	0	---	28.2	28	28	30.157
2/7/2022	10:20 PM	28.1	28.1	28	84	23.9	0	---	0	0	---	28.1	27.9	27.9	30.157
2/7/2022	10:30 PM	27.9	28	27.7	84	23.7	0	---	0	0	---	27.9	27.7	27.7	30.155
2/7/2022	10:40 PM	27.6	27.7	27.6	85	23.7	0	---	0	0	---	27.6	27.4	27.4	30.156
2/7/2022	10:50 PM	27.4	27.6	27.3	86	23.8	0	---	0	0	---	27.4	27.2	27.2	30.155
2/7/2022	11:00 PM	27.3	27.3	27.2	86	23.7	0	---	0	0	---	27.3	27.1	27.1	30.149

ATTACHMENT 6
WEATHER STATION DATA - FEBRUARY 7 - 8, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
2/7/2022	3:30 PM	0	0	0.14	0	45	56	30.2	44	10.45	0.0788	234	1	100	10
2/7/2022	3:40 PM	0	0	0.135	0	45	56	30.2	44	10.45	0.0788	235	1	100	10
2/7/2022	3:50 PM	0	0	0.131	0	45.1	56	30.3	44.1	10.45	0.0788	233	1	100	10
2/7/2022	4:00 PM	0	0	0.135	0	45 2	56	30.4	44.2	10.45	0.0788	232	1	100	10
2/7/2022	4:10 PM	0	0	0.137	0	45.1	56	30.3	44.1	10.45	0.0788	234	1	100	10
2/7/2022	4:20 PM	0	0	0.136	0	45	56	30.2	44	10.45	0.0788	234	1	100	10
2/7/2022	4:30 PM	0	0	0.134	0	45	56	30.2	44	10.45	0.0788	234	1	100	10
2/7/2022	4:40 PM	0	0	0.137	0	45	55	29.8	44	10.25	0.0788	234	1	100	10
2/7/2022	4:50 PM	0	0	0.14	0	44 9	55	29.7	43.9	10.25	0.0788	234	1	100	10
2/7/2022	5:00 PM	0	0	0.138	0	44.7	55	29.5	43.7	10.26	0.0789	234	1	100	10
2/7/2022	5:10 PM	0	0	0.137	0	44 6	55	29.4	43.6	10.27	0.0789	233	1	100	10
2/7/2022	5:20 PM	0	0	0.14	0	44.4	55	29.2	43.4	10.27	0.0789	234	1	100	10
2/7/2022	5:30 PM	0	0	0.144	0	44 2	55	29	43.2	10.28	0.079	234	1	100	10
2/7/2022	5:40 PM	0	0	0.15	0	44	55	28.9	43	10.29	0.079	234	1	100	10
2/7/2022	5:50 PM	0	0	0.157	0	44	55	28.9	43	10.29	0.079	233	1	100	10
2/7/2022	6:00 PM	0	0	0.165	0	43.7	55	28.6	42.7	10.3	0.079	234	1	100	10
2/7/2022	6:10 PM	0	0	0.174	0	43 2	56	28.5	42.2	10.52	0.0791	233	1	100	10
2/7/2022	6:20 PM	0	0	0.181	0	42.4	56	27.8	41.4	10.55	0.0792	233	1	100	10
2/7/2022	6:30 PM	0	0	0.19	0	41.5	56	27	40.5	10.59	0.0794	232	1	100	10
2/7/2022	6:40 PM	0	0	0.199	0	40 6	57	26.5	39.7	10.73	0.0795	233	1	100	10
2/7/2022	6:50 PM	0	0	0.207	0	39.7	57	25.7	38.8	10.76	0.0797	233	1	100	10
2/7/2022	7:00 PM	0	0	0.214	0	38 9	57	24.9	38	10.77	0.0798	233	1	100	10
2/7/2022	7:10 PM	0	0	0.219	0	38 2	58	24.7	37.4	10.99	0.0799	234	1	100	10
2/7/2022	7:20 PM	0	0	0.225	0	37.5	58	24.1	36.7	11	0.0801	233	1	100	10
2/7/2022	7:30 PM	0	0	0.23	0	36 9	58	23.5	36.1	11.01	0.0802	233	1	100	10
2/7/2022	7:40 PM	0	0	0.233	0	36.4	59	23.4	35.6	11.19	0.0803	233	1	100	10
2/7/2022	7:50 PM	0	0	0.233	0	35 8	59	22.9	35	11.22	0.0804	234	1	100	10
2/7/2022	8:00 PM	0	0	0.233	0	35.4	59	22.5	34.6	11.23	0.0805	232	1	100	10
2/7/2022	8:10 PM	0	0	0.235	0	35	60	22.5	34.3	11.45	0.0805	235	1	100	10
2/7/2022	8:20 PM	0	0	0.238	0	34 6	60	22.1	33.9	11.45	0.0806	233	1	100	10
2/7/2022	8:30 PM	0	0	0.24	0	34 3	60	21.8	33.6	11.45	0.0807	233	1	100	10
2/7/2022	8:40 PM	0	0	0.242	0	33 9	60	21.5	33.2	11.45	0.0807	233	1	100	10
2/7/2022	8:50 PM	0	0	0.244	0	33 6	61	21.6	32.9	11.58	0.0808	234	1	100	10
2/7/2022	9:00 PM	0	0	0.246	0	33.4	61	21.4	32.7	11.58	0.0808	233	1	100	10
2/7/2022	9:10 PM	0	0	0.247	0	33.1	61	21.1	32.4	11.59	0.0809	233	1	100	10
2/7/2022	9:20 PM	0	0	0.247	0	32 9	61	20.9	32.2	11.59	0.0809	235	1	100	10
2/7/2022	9:30 PM	0	0	0.249	0	32.7	62	21.1	32	11.84	0.0809	234	1	100	10
2/7/2022	9:40 PM	0	0	0.253	0	32.5	62	20.9	31.8	11.85	0.081	234	1	100	10
2/7/2022	9:50 PM	0	0	0.255	0	32 2	62	20.6	31.5	11.86	0.081	232	1	100	10
2/7/2022	10:00 PM	0	0	0.255	0	32	62	20.4	31.3	11.87	0.0811	233	1	100	10
2/7/2022	10:10 PM	0	0	0.256	0	31 8	62	20.3	31.1	11.88	0.0811	234	1	100	10
2/7/2022	10:20 PM	0	0	0.256	0	31 6	63	20.4	31	12.09	0.0811	234	1	100	10
2/7/2022	10:30 PM	0	0	0.258	0	31.4	63	20.2	30.8	12.09	0.0811	233	1	100	10
2/7/2022	10:40 PM	0	0	0.26	0	31 3	63	20.2	30.7	12.1	0.0812	234	1	100	10
2/7/2022	10:50 PM	0	0	0.261	0	31.1	63	20	30.5	12.11	0.0812	234	1	100	10
2/7/2022	11:00 PM	0	0	0.262	0	30 9	64	20.1	30.3	12.31	0.0812	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - FEBRUARY 7 - 8, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
2/7/2022	11:10 PM	27.1	27.3	26.9	86	23.5	0	---	0	0	---	27.1	26.9	26.9	30.151
2/7/2022	11:20 PM	26.8	26.9	26.6	86	23.2	0	---	0	0	---	26.8	26.6	26.6	30.152
2/7/2022	11:30 PM	26.5	26.7	26.4	87	23.2	0	---	0	0	---	26.5	26.3	26.3	30.15
2/7/2022	11:40 PM	26.4	26.5	26.3	87	23.1	0	---	0	0	---	26.4	26.2	26.2	30.149
2/7/2022	11:50 PM	26.3	26.4	26.1	88	23.2	0	NE	0	2	NE	26.3	26.2	26.2	30.155
2/8/2022	12:00 AM	26.2	26.2	26.1	88	23.1	0	---	0	0	---	26.2	26.1	26.1	30.151
2/8/2022	12:10 AM	26.1	26.2	26	88	23	0	---	0	0	---	26.1	26	26	30.154
2/8/2022	12:20 AM	25.8	26	25.6	88	22.7	0	---	0	0	---	25.8	25.7	25.7	30.154
2/8/2022	12:30 AM	25.4	25.6	25.4	89	22.6	0	---	0	0	---	25.4	25.3	25.3	30.152
2/8/2022	12:40 AM	25.4	25.4	25.3	89	22.6	0	---	0	0	---	25.4	25.3	25.3	30.146
2/8/2022	12:50 AM	25.4	25.5	25.4	89	22.6	0	---	0	0	---	25.4	25.3	25.3	30.147
2/8/2022	1:00 AM	25.3	25.4	25.3	89	22.5	0	---	0	0	---	25.3	25.2	25.2	30.146
2/8/2022	1:10 AM	25.2	25.3	25.1	89	22.4	0	---	0	0	---	25.2	25.1	25.1	30.145
2/8/2022	1:20 AM	25	25.1	24.9	89	22.2	0	---	0	0	---	25	24.9	24.9	30.146
2/8/2022	1:30 AM	24.7	24.9	24.5	89	21.9	0	---	0	0	---	24.7	24.6	24.6	30.146
2/8/2022	1:40 AM	24.3	24.5	24	89	21.5	0	---	0	0	---	24.3	24.2	24.2	30.145
2/8/2022	1:50 AM	24	24.1	23.9	90	21.5	0	---	0	0	---	24	23.9	23.9	30.148
2/8/2022	2:00 AM	23.9	24	23.8	91	21.7	0	---	0	0	---	23.9	23.8	23.8	30.152
2/8/2022	2:10 AM	23.9	24	23.8	91	21.7	0	---	0	0	---	23.9	23.8	23.8	30.148
2/8/2022	2:20 AM	24	24	23.8	90	21.5	0	---	0	0	---	24	23.9	23.9	30.156
2/8/2022	2:30 AM	23.8	23.9	23.8	91	21.6	0	---	0	0	---	23.8	23.7	23.7	30.158
2/8/2022	2:40 AM	23.8	23.9	23.7	90	21.3	0	---	0	0	---	23.8	23.7	23.7	30.16
2/8/2022	2:50 AM	23.6	23.7	23.5	91	21.4	0	---	0	0	---	23.6	23.5	23.5	30.162
2/8/2022	3:00 AM	23.4	23.5	23.1	90	20.9	0	---	0	0	---	23.4	23.3	23.3	30.161
2/8/2022	3:10 AM	23	23.2	22.9	91	20.8	0	---	0	0	---	23	22.9	22.9	30.164
2/8/2022	3:20 AM	22.9	23	22.8	91	20.7	0	---	0	0	---	22.9	22.8	22.8	30.164
2/8/2022	3:30 AM	22.9	22.9	22.8	91	20.7	0	---	0	0	---	22.9	22.8	22.8	30.163
2/8/2022	3:40 AM	23	23.1	22.9	91	20.8	0	---	0	0	---	23	22.9	22.9	30.168
2/8/2022	3:50 AM	22.9	23	22.8	91	20.7	0	---	0	0	---	22.9	22.8	22.8	30.157
2/8/2022	4:00 AM	22.7	22.8	22.6	91	20.5	0	---	0	0	---	22.7	22.6	22.6	30.154
2/8/2022	4:10 AM	22.5	22.7	22.5	92	20.5	0	---	0	0	---	22.5	22.4	22.4	30.163
2/8/2022	4:20 AM	22.4	22.5	22.2	91	20.2	0	---	0	0	---	22.4	22.3	22.3	30.174
2/8/2022	4:30 AM	22	22.3	21.8	90	19.5	0	---	0	0	---	22	21.9	21.9	30.182
2/8/2022	4:40 AM	21.6	21.8	21.5	91	19.4	0	---	0	0	---	21.6	21.5	21.5	30.179
2/8/2022	4:50 AM	21.5	21.6	21.5	91	19.3	0	---	0	0	---	21.5	21.4	21.4	30.182
2/8/2022	5:00 AM	21.4	21.5	21.4	92	19.4	0	---	0	0	---	21.4	21.3	21.3	30.176
2/8/2022	5:10 AM	21.4	21.5	21.3	92	19.4	0	---	0	0	---	21.4	21.3	21.3	30.191
2/8/2022	5:20 AM	21.3	21.4	21.2	91	19.1	0	---	0	0	---	21.3	21.2	21.2	30.186
2/8/2022	5:30 AM	21.2	21.3	21.1	92	19.2	0	---	0	0	---	21.2	21.1	21.1	30.191
2/8/2022	5:40 AM	21.4	21.5	21.2	92	19.4	0	---	0	0	---	21.4	21.3	21.3	30.179
2/8/2022	5:50 AM	21.5	21.5	21.4	92	19.5	0	---	0	0	---	21.5	21.4	21.4	30.194
2/8/2022	6:00 AM	21.4	21.5	21.3	92	19.4	0	---	0	0	---	21.4	21.3	21.3	30.203
2/8/2022	6:10 AM	21.1	21.3	20.9	91	18.9	0	---	0	0	---	21.1	21	21	30.217
2/8/2022	6:20 AM	20.8	20.9	20.7	91	18.6	0	---	0	0	---	20.8	20.7	20.7	30.213
2/8/2022	6:30 AM	20.7	20.7	20.6	92	18.7	0	ENE	0	1	ENE	20.7	20.6	20.6	30.188
2/8/2022	6:40 AM	20.9	21	20.7	92	18.9	0	---	0	0	---	20.9	20.8	20.8	30.205

ATTACHMENT 6
WEATHER STATION DATA - FEBRUARY 7 - 8, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
2/7/2022	11:10 PM	0	0	0.263	0	30 8	64	20	30.2	12.32	0.0812	233	1	100	10
2/7/2022	11:20 PM	0	0	0.265	0	30 6	64	19.9	30	12.33	0.0813	233	1	100	10
2/7/2022	11:30 PM	0	0	0.267	0	30.4	64	19.7	29.8	12.33	0.0813	233	1	100	10
2/7/2022	11:40 PM	0	0	0.268	0	30 3	64	19.6	29.7	12.34	0.0813	233	1	100	10
2/7/2022	11:50 PM	0	0	0.269	0	30 2	65	19.8	29.6	12.54	0.0813	232	1	100	10
2/8/2022	12:00 AM	0	0	0.269	0	30	65	19.7	29.4	12.55	0.0814	234	1	100	10
2/8/2022	12:10 AM	0	0	0.27	0	29 9	65	19.6	29.3	29.3	0.0814	233	1	100	10
2/8/2022	12:20 AM	0	0	0.272	0	29 8	65	19.5	29.2	29.2	0.0814	233	1	100	10
2/8/2022	12:30 AM	0	0	0.275	0	29 6	65	19.3	29	29	0.0814	233	1	100	10
2/8/2022	12:40 AM	0	0	0.275	0	29.5	65	19.2	28.9	28.9	0.0815	233	1	100	10
2/8/2022	12:50 AM	0	0	0.275	0	29 3	66	19.3	28.7	28.7	0.0815	234	1	100	10
2/8/2022	1:00 AM	0	0	0.276	0	29 2	66	19.2	28.6	28.6	0.0815	233	1	100	10
2/8/2022	1:10 AM	0	0	0.276	0	29.1	66	19.2	28.5	28.5	0.0815	235	1	100	10
2/8/2022	1:20 AM	0	0	0.278	0	28 9	66	19	28.3	28.3	0.0816	233	1	100	10
2/8/2022	1:30 AM	0	0	0.28	0	28 9	66	19	28.3	28.3	0.0816	234	1	100	10
2/8/2022	1:40 AM	0	0	0.283	0	28.7	66	18.8	28.1	28.1	0.0816	234	1	100	10
2/8/2022	1:50 AM	0	0	0.285	0	28 6	67	19	28.1	28.1	0.0816	234	1	100	10
2/8/2022	2:00 AM	0	0	0.285	0	28.4	67	18.8	27.9	27.9	0.0817	233	1	100	10
2/8/2022	2:10 AM	0	0	0.285	0	28 3	67	18.7	27.8	27.8	0.0817	233	1	100	10
2/8/2022	2:20 AM	0	0	0.285	0	28 2	67	18.6	27.7	27.7	0.0817	235	1	100	10
2/8/2022	2:30 AM	0	0	0.286	0	28.1	67	18.5	27.6	27.6	0.0817	234	1	100	10
2/8/2022	2:40 AM	0	0	0.286	0	27 9	67	18.4	27.4	27.4	0.0818	234	1	100	10
2/8/2022	2:50 AM	0	0	0.287	0	27 8	68	18.6	27.3	27.3	0.0818	234	1	100	10
2/8/2022	3:00 AM	0	0	0.289	0	27.7	68	18.5	27.2	27.2	0.0818	232	1	100	10
2/8/2022	3:10 AM	0	0	0.292	0	27 6	68	18.4	27.1	27.1	0.0818	234	1	100	10
2/8/2022	3:20 AM	0	0	0.292	0	27.5	68	18.3	27	27	0.0818	235	1	100	10
2/8/2022	3:30 AM	0	0	0.292	0	27 3	68	18.1	26.8	26.8	0.0819	234	1	100	10
2/8/2022	3:40 AM	0	0	0.292	0	27 2	68	18	26.7	26.7	0.0819	234	1	100	10
2/8/2022	3:50 AM	0	0	0.292	0	27.1	68	17.9	26.7	26.7	0.0819	232	1	100	10
2/8/2022	4:00 AM	0	0	0.294	0	27	68	17.8	26.6	26.6	0.0819	233	1	100	10
2/8/2022	4:10 AM	0	0	0.295	0	26 9	69	18.1	26.5	26.5	0.0819	234	1	100	10
2/8/2022	4:20 AM	0	0	0.296	0	26 8	69	18	26.4	26.4	0.082	234	1	100	10
2/8/2022	4:30 AM	0	0	0.299	0	26.7	69	17.9	26.3	26.3	0.082	234	1	100	10
2/8/2022	4:40 AM	0	0	0.301	0	26 6	69	17.8	26.2	26.2	0.082	233	1	100	10
2/8/2022	4:50 AM	0	0	0.302	0	26.4	69	17.6	26	26	0.0821	233	1	100	10
2/8/2022	5:00 AM	0	0	0.303	0	26 2	69	17.4	25.8	25.8	0.0821	233	1	100	10
2/8/2022	5:10 AM	0	0	0.303	0	26.1	69	17.3	25.7	25.7	0.0822	234	1	100	10
2/8/2022	5:20 AM	0	0	0.303	0	26	69	17.2	25.6	25.6	0.0822	234	1	100	10
2/8/2022	5:30 AM	0	0	0.304	0	25 9	70	17.5	25.5	25.5	0.0822	234	1	100	10
2/8/2022	5:40 AM	0	0	0.303	0	25 8	70	17.4	25.4	25.4	0.0822	233	1	100	10
2/8/2022	5:50 AM	0	0	0.302	0	25 6	70	17.2	25.2	25.2	0.0823	234	1	100	10
2/8/2022	6:00 AM	0	0	0.303	0	25 6	70	17.2	25.2	25.2	0.0823	232	1	100	10
2/8/2022	6:10 AM	0	0	0.305	0	25.5	70	17.1	25.1	25.1	0.0823	233	1	100	10
2/8/2022	6:20 AM	0	0	0.307	0	25.5	70	17.1	25.1	25.1	0.0823	233	1	100	10
2/8/2022	6:30 AM	0	0	0.308	0	25 3	70	16.9	24.9	24.9	0.0823	234	1	100	10
2/8/2022	6:40 AM	0	0	0.306	0	25 3	70	16.9	24.9	24.9	0.0823	233	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - FEBRUARY 7 - 8, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
2/8/2022	6:50 AM	20.9	21	20.8	92	18.9	0	---	0	0	---	20.9	20.8	20.8	30.219
2/8/2022	7:00 AM	20.7	20.9	20.6	91	18.5	0	---	0	0	---	20.7	20.6	20.6	30.222
2/8/2022	7:10 AM	20.7	20.9	20.6	93	19	0	---	0	0	---	20.7	20.6	20.6	30.218
2/8/2022	7:20 AM	21	21.1	20.9	92	19	0	---	0	0	---	21	20.9	20.9	30.221
2/8/2022	7:30 AM	20.9	21	20.7	92	18.9	0	---	0	0	---	20.9	20.8	20.8	30.223
2/8/2022	7:40 AM	21	21.1	20.8	92	19	0	SSW	0	1	S	21	20.9	20.9	30.226
2/8/2022	7:50 AM	21.3	21.4	21.1	92	19.3	0	---	0	0	---	21.3	21.2	21.2	30.225
2/8/2022	8:00 AM	21.6	21.8	21.4	92	19.6	0	SSW	0	1	SSW	21.6	21.5	21.5	30.23
2/8/2022	8:10 AM	22	22.2	21.7	92	20	0	---	0	0	---	22	21.9	21.9	30.23
2/8/2022	8:20 AM	22.6	23.1	22.3	92	20.6	0	---	0	0	---	22.6	22.5	22.5	30.219
2/8/2022	8:30 AM	24	24.8	23.1	92	22	0	---	0	0	---	24	23.9	23.9	30.229
2/8/2022	8:40 AM	25.8	26.9	24.9	92	23.8	0	---	0	0	---	25.8	25.7	25.7	30.234
2/8/2022	8:50 AM	27.6	27.9	27	88	24.5	0	SSW	0	2	SSW	27.6	27.4	27.4	30.244
2/8/2022	9:00 AM	28.5	29.2	27.9	87	25.1	1	W	0.17	4	W	28.5	28.3	28.3	30.251
2/8/2022	9:10 AM	29.7	30	29.2	85	25.7	2	W	0.33	4	W	28.4	29.5	28.2	30.248
2/8/2022	9:20 AM	29.9	30	29.7	84	25.7	2	WSW	0.33	4	WSW	28.7	29.7	28.5	30.252
2/8/2022	9:30 AM	30.2	30.6	29.7	83	25.7	2	WSW	0.33	5	WSW	29	30	28.8	30.253
2/8/2022	9:40 AM	30.8	31	30.5	82	26	2	WSW	0.33	7	WSW	29.7	30.5	29.4	30.255
2/8/2022	9:50 AM	30.8	31.2	30.6	81	25.7	3	W	0.5	7	W	28	30.5	27.7	30.254
2/8/2022	10:00 AM	31.7	32.2	31.2	79	25.9	2	WSW	0.33	8	SSE	30.6	31.4	30.3	30.257
2/8/2022	10:10 AM	32.8	33.2	32.2	76	26.1	2	SW	0.33	7	WSW	31.8	32.4	31.4	30.254
2/8/2022	10:20 AM	33.2	33.4	33.1	76	26.5	3	WSW	0.5	7	SW	30.7	32.8	30.3	30.258
2/8/2022	10:30 AM	33.5	33.7	33.4	70	24.8	5	W	0.83	8	WNW	28.8	33	28.3	30.262
2/8/2022	10:40 AM	34.1	34.6	33.7	69	25	3	W	0.5	8	W	31.7	33.6	31.2	30.267
2/8/2022	10:50 AM	35	35.5	34.5	66	24.8	3	SW	0.5	9	W	32.7	34.4	32.1	30.266
2/8/2022	11:00 AM	35.6	36	35.4	65	25	3	WSW	0.5	9	W	33.4	34.9	32.7	30.27
2/8/2022	11:10 AM	36.3	36.8	36	62	24.5	3	WSW	0.5	8	WSW	34.2	35.5	33.4	30.265
2/8/2022	11:20 AM	36.9	37	36.7	62	25.1	3	WSW	0.5	10	WNW	34.9	36.1	34.1	30.26
2/8/2022	11:30 AM	37.3	37.7	37	60	24.7	4	W	0.67	9	WNW	34.2	36.5	33.4	30.262
2/8/2022	11:40 AM	37.4	37.6	37.2	61	25.2	3	WSW	0.5	10	WSW	35.4	36.6	34.6	30.254
2/8/2022	11:50 AM	38	38.4	37.4	60	25.3	3	WSW	0.5	7	S	36.1	37.2	35.3	30.252
2/8/2022	12:00 PM	38.6	38.8	38.4	59	25.5	3	W	0.5	10	W	36.8	37.8	36	30.246
2/8/2022	12:10 PM	38.7	38.9	38.5	58	25.2	3	WSW	0.5	10	W	36.9	37.9	36.1	30.242
2/8/2022	12:20 PM	39.7	40.2	38.9	56	25.3	3	WSW	0.5	12	WSW	38	38.8	37.1	30.236
2/8/2022	12:30 PM	40	40.2	39.8	57	26	4	W	0.67	12	WSW	37.3	39.1	36.4	30.229
2/8/2022	12:40 PM	40.1	40.2	40.1	54	24.8	4	W	0.67	11	W	37.4	39.1	36.4	30.222
2/8/2022	12:50 PM	40.7	41.1	40.2	55	25.8	3	W	0.5	9	W	39.2	39.7	38.2	30.222
2/8/2022	1:00 PM	41.3	41.5	41	54	25.9	4	W	0.67	11	WSW	38.8	40.3	37.8	30.219
2/8/2022	1:10 PM	41.4	41.7	41.2	53	25.5	4	W	0.67	11	WSW	38.9	40.4	37.9	30.216
2/8/2022	1:20 PM	41.7	41.9	41.5	53	25.8	4	W	0.67	12	W	39.3	40.7	38.3	30.211
2/8/2022	1:30 PM	42.2	42.5	41.8	52	25.8	4	WSW	0.67	10	W	39.8	41.1	38.7	30.209
2/8/2022	1:40 PM	42.4	42.5	42.2	52	26	3	SSE	0.5	11	W	41.1	41.3	40	30.2
2/8/2022	1:50 PM	42.7	42.8	42.5	51	25.8	4	WNW	0.67	11	NNW	40.4	41.6	39.3	30.191
2/8/2022	2:00 PM	42.9	43.2	42.7	52	26.5	3	WNW	0.5	11	WNW	41.7	41.8	40.6	30.183
2/8/2022	2:10 PM	43.3	43.4	43.1	51	26.4	4	WSW	0.67	9	SW	41.1	42.2	40	30.184
2/8/2022	2:20 PM	43.6	43.9	43.2	52	27.1	4	N	0.67	9	W	41.5	42.5	40.4	30.182

ATTACHMENT 6
WEATHER STATION DATA - FEBRUARY 7 - 8, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
2/8/2022	6:50 AM	0	0	0.306	0	25 2	70	16.8	24.8	24.8	0.0824	235	1	100	10
2/8/2022	7:00 AM	0	0	0.308	0	25 2	70	16.8	24.8	24.8	0.0824	232	1	100	10
2/8/2022	7:10 AM	0	0	0.308	0	25 2	70	16.8	24.8	24.8	0.0824	234	1	100	10
2/8/2022	7:20 AM	0	0	0.306	0	25	70	16.6	24.6	24.6	0.0824	234	1	100	10
2/8/2022	7:30 AM	0	0	0.306	0	25	71	16.9	24.6	24.6	0.0824	233	1	100	10
2/8/2022	7:40 AM	0	0	0.306	0	24 9	71	16.8	24.5	24.5	0.0825	233	1	100	10
2/8/2022	7:50 AM	0	0	0.303	0	24 9	71	16.8	24.5	24.5	0.0825	234	1	100	10
2/8/2022	8:00 AM	0	0	0.301	0	25	71	16.9	24.6	24.6	0.0825	233	1	100	10
2/8/2022	8:10 AM	0	0	0.299	0	25.1	71	17	24.7	24.7	0.0824	234	1	100	10
2/8/2022	8:20 AM	0	0	0.294	0	25 2	71	17.1	24.8	24.8	0.0824	234	1	100	10
2/8/2022	8:30 AM	0	0	0.285	0	25.5	71	17.4	25.1	25.1	0.0824	234	1	100	10
2/8/2022	8:40 AM	0	0	0.272	0	25 8	70	17.4	25.4	25.4	0.0823	233	1	100	10
2/8/2022	8:50 AM	0	0	0.26	0	26 3	70	17.8	25.9	25.9	0.0823	234	1	100	10
2/8/2022	9:00 AM	0	0	0.253	0	26 9	70	18.4	26.5	26.5	0.0822	233	1	100	10
2/8/2022	9:10 AM	0	0	0.245	0	27.7	70	19.2	27.2	27.2	0.082	233	1	100	10
2/8/2022	9:20 AM	0	0	0.244	0	28.5	70	20	28	28	0.0819	234	1	100	10
2/8/2022	9:30 AM	0	0	0.242	0	29 3	70	20.7	28.8	28.8	0.0818	233	1	100	10
2/8/2022	9:40 AM	0	0	0.238	0	29 9	69	21	29.4	29.4	0.0817	234	1	100	10
2/8/2022	9:50 AM	0	0	0.238	0	30.5	69	21.5	30	13.43	0.0815	234	1	100	10
2/8/2022	10:00 AM	0	0	0.231	0	31	69	22	30.5	13.41	0.0815	234	1	100	10
2/8/2022	10:10 AM	0	0	0.224	0	31.5	69	22.5	31	13.39	0.0814	234	1	100	10
2/8/2022	10:20 AM	0	0	0.221	0	32.1	69	23.1	31.6	13.37	0.0813	234	1	100	10
2/8/2022	10:30 AM	0	0	0.219	0	32 8	69	23.7	32.3	13.34	0.0812	234	1	100	10
2/8/2022	10:40 AM	0	0	0.215	0	33 3	68	23.9	32.8	13.12	0.0811	234	1	100	10
2/8/2022	10:50 AM	0	0	0.208	0	33 9	68	24.4	33.4	13.09	0.081	234	1	100	10
2/8/2022	11:00 AM	0	0	0.204	0	34.4	68	24.9	33.9	13.07	0.0809	234	1	100	10
2/8/2022	11:10 AM	0	0	0.199	0	35	67	25.1	34.4	12.85	0.0808	231	1	100	10
2/8/2022	11:20 AM	0	0	0.195	0	35.5	67	25.6	34.9	12.84	0.0807	235	1	100	10
2/8/2022	11:30 AM	0	0	0.192	0	36.1	67	26.2	35.4	12.83	0.0806	234	1	100	10
2/8/2022	11:40 AM	0	0	0.192	0	36 6	66	26.3	35.9	12.62	0.0805	232	1	100	10
2/8/2022	11:50 AM	0	0	0.188	0	37.1	66	26.8	36.4	12.61	0.0804	234	1	100	10
2/8/2022	12:00 PM	0	0	0.183	0	37.5	66	27.2	36.8	12.6	0.0803	234	1	100	10
2/8/2022	12:10 PM	0	0	0.183	0	38	65	27.3	37.3	12.35	0.0802	234	1	100	10
2/8/2022	12:20 PM	0	0	0.176	0	38.4	65	27.7	37.7	12.35	0.0801	235	1	100	10
2/8/2022	12:30 PM	0	0	0.174	0	38 8	65	28	38.1	12.35	0.08	234	1	100	10
2/8/2022	12:40 PM	0	0	0.173	0	39 2	64	28	38.5	12.15	0.0799	234	1	100	10
2/8/2022	12:50 PM	0	0	0.169	0	39 6	64	28.4	38.9	12.15	0.0799	234	1	100	10
2/8/2022	1:00 PM	0	0	0.165	0	40	63	28.4	39.3	11.85	0.0798	234	1	100	10
2/8/2022	1:10 PM	0	0	0.164	0	40.4	63	28.8	39.7	11.85	0.0797	233	1	100	10
2/8/2022	1:20 PM	0	0	0.162	0	40.7	63	29.1	40	11.85	0.0797	234	1	100	10
2/8/2022	1:30 PM	0	0	0.158	0	41	62	29	40.2	11.65	0.0796	235	1	100	10
2/8/2022	1:40 PM	0	0	0.157	0	41 3	62	29.3	40.5	11.65	0.0795	234	1	100	10
2/8/2022	1:50 PM	0	0	0.155	0	41.7	62	29.6	40.9	11.65	0.0794	234	1	100	10
2/8/2022	2:00 PM	0	0	0.153	0	42	61	29.5	41.2	11.45	0.0794	232	1	100	10
2/8/2022	2:10 PM	0	0	0.151	0	42 2	61	29.7	41.4	11.45	0.0793	233	1	100	10
2/8/2022	2:20 PM	0	0	0.149	0	42.4	60	29.5	41.6	11.2	0.0793	233	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - FEBRUARY 7 - 8, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
2/8/2022	2:30 PM	43.8	44.1	43.6	50	26.3	4	W	0.67	11	W	41.7	42.7	40.6	30.179
2/8/2022	2:40 PM	44.4	44.6	44.1	50	26.9	4	W	0.67	10	WSW	42.4	43.3	41.3	30.176
2/8/2022	2:50 PM	44.5	44.7	44.4	48	26	4	W	0.67	10	W	42.5	43.3	41.3	30.177
2/8/2022	3:00 PM	44.7	44.8	44.5	48	26.2	4	W	0.67	9	W	42.7	43.5	41.5	30.172
2/8/2022	3:10 PM	44.9	45.1	44.6	48	26.4	4	W	0.67	8	W	43	43.7	41.8	30.168
2/8/2022	3:20 PM	45	45.3	44.8	48	26.5	2	NW	0.33	8	W	45	43.8	43.8	30.166
2/8/2022	3:30 PM	45.2	45.3	45	49	27.2	4	W	0.67	9	W	43.3	44.1	42.2	30.169
2/8/2022	3:40 PM	45.4	45.6	45.2	46	25.8	4	W	0.67	11	WNW	43.5	44.1	42.2	30.168
2/8/2022	3:50 PM	45.4	45.8	45.2	46	25.8	2	W	0.33	7	W	45.4	44.1	44.1	30.166
2/8/2022	4:00 PM	45.9	46	45.6	45	25.7	3	W	0.5	9	W	45.1	44.6	43.8	30.167
2/8/2022	4:10 PM	45.5	45.9	45	46	25.9	4	W	0.67	9	SW	43.7	44.2	42.4	30.169
2/8/2022	4:20 PM	45.2	45.3	44.9	46	25.6	3	WSW	0.5	9	NW	44.2	43.9	42.9	30.167
2/8/2022	4:30 PM	45.5	45.6	45.4	45	25.4	3	W	0.5	7	WNW	44.6	44.2	43.3	30.169
2/8/2022	4:40 PM	45.7	45.9	45.3	46	26.1	3	W	0.5	9	WSW	44.8	44.4	43.5	30.17
2/8/2022	4:50 PM	45.3	45.4	45.2	45	25.2	2	WSW	0.33	6	W	45.3	44	44	30.169
2/8/2022	5:00 PM	45.5	45.7	45.4	46	25.9	2	WSW	0.33	7	W	45.5	44.2	44.2	30.171
2/8/2022	5:10 PM	45.6	45.8	45.3	45	25.5	3	W	0.5	7	W	44.7	44.3	43.4	30.173
2/8/2022	5:20 PM	45.1	45.3	44.8	48	26.6	2	W	0.33	4	NW	45.1	43.9	43.9	30.177
2/8/2022	5:30 PM	44.5	44.8	44.1	49	26.5	2	WSW	0.33	7	WSW	44.5	43.4	43.4	30.181
2/8/2022	5:40 PM	43.8	44.1	43.3	50	26.3	1	WSW	0.17	6	W	43.8	42.7	42.7	30.188
2/8/2022	5:50 PM	42.9	43.3	42.3	53	26.9	1	SSE	0.17	4	S	42.9	41.9	41.9	30.187
2/8/2022	6:00 PM	41.5	42.4	40.6	56	27	1	S	0.17	2	SSW	41.5	40.5	40.5	30.185
2/8/2022	6:10 PM	39.9	40.6	39.2	58	26.3	1	S	0.17	3	S	39.9	39	39	30.187
2/8/2022	6:20 PM	38.6	39.2	38	60	25.9	0	S	0	2	S	38.6	37.8	37.8	30.189
2/8/2022	6:30 PM	37.4	38	36.8	62	25.6	0	---	0	0	---	37.4	36.6	36.6	30.194
2/8/2022	6:40 PM	36.4	36.9	35.9	64	25.4	0	---	0	0	---	36.4	35.7	35.7	30.19
2/8/2022	6:50 PM	35.4	35.9	34.9	66	25.2	0	---	0	0	---	35.4	34.8	34.8	30.191
2/8/2022	7:00 PM	34.4	34.8	34	68	24.9	0	---	0	0	---	34.4	33.9	33.9	30.19
2/8/2022	7:10 PM	33.6	34	33.2	69	24.5	0	---	0	0	---	33.6	33.1	33.1	30.186
2/8/2022	7:20 PM	33	33.3	32.6	70	24.3	0	---	0	0	---	33	32.5	32.5	30.189
2/8/2022	7:30 PM	32.4	32.6	32.2	72	24.4	0	---	0	0	---	32.4	31.9	31.9	30.19
2/8/2022	7:40 PM	31.9	32.2	31.5	73	24.2	0	---	0	0	---	31.9	31.5	31.5	30.195
2/8/2022	7:50 PM	31.4	31.6	31.3	74	24.1	0	---	0	0	---	31.4	31	31	30.193
2/8/2022	8:00 PM	31.1	31.3	31	74	23.8	0	---	0	0	---	31.1	30.7	30.7	30.196
2/8/2022	8:10 PM	30.8	31	30.6	75	23.8	0	---	0	0	---	30.8	30.4	30.4	30.195
2/8/2022	8:20 PM	30.4	30.6	30.2	76	23.7	0	---	0	0	---	30.4	30	30	30.19
2/8/2022	8:30 PM	30.2	30.3	30	76	23.5	0	---	0	0	---	30.2	29.8	29.8	30.197

ATTACHMENT 6
WEATHER STATION DATA - FEBRUARY 7 - 8, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
2/8/2022	2:30 PM	0	0	0.147	0	42.7	60	29.8	41.9	11.2	0.0792	234	1	100	10
2/8/2022	2:40 PM	0	0	0.143	0	42.8	60	29.9	42	11.19	0.0792	235	1	100	10
2/8/2022	2:50 PM	0	0	0.142	0	43	59	29.6	42.2	10.99	0.0792	232	1	100	10
2/8/2022	3:00 PM	0	0	0.141	0	43.2	59	29.8	42.4	10.99	0.0791	234	1	100	10
2/8/2022	3:10 PM	0	0	0.14	0	43.4	59	30	42.6	10.98	0.0791	234	1	100	10
2/8/2022	3:20 PM	0	0	0.139	0	43.6	59	30.2	42.8	10.98	0.0791	234	1	100	10
2/8/2022	3:30 PM	0	0	0.137	0	43.7	58	29.9	42.8	10.8	0.0791	234	1	100	10
2/8/2022	3:40 PM	0	0	0.136	0	43.9	58	30.1	43	10.79	0.079	235	1	100	10
2/8/2022	3:50 PM	0	0	0.136	0	44	58	30.2	43.1	10.79	0.079	234	1	100	10
2/8/2022	4:00 PM	0	0	0.133	0	44.1	58	30.3	43.2	10.79	0.079	233	1	100	10
2/8/2022	4:10 PM	0	0	0.135	0	44.3	57	30	43.4	10.58	0.079	232	1	100	10
2/8/2022	4:20 PM	0	0	0.137	0	44.4	57	30.1	43.5	10.57	0.0789	232	1	100	10
2/8/2022	4:30 PM	0	0	0.135	0	44.4	57	30.1	43.5	10.57	0.0789	234	1	100	10
2/8/2022	4:40 PM	0	0	0.134	0	44.4	56	29.7	43.4	10.47	0.079	233	1	100	10
2/8/2022	4:50 PM	0	0	0.137	0	44.4	56	29.7	43.4	10.47	0.0789	235	1	100	10
2/8/2022	5:00 PM	0	0	0.135	0	44.3	56	29.6	43.3	10.48	0.079	234	1	100	10
2/8/2022	5:10 PM	0	0	0.135	0	44.2	56	29.5	43.2	10.48	0.079	234	1	100	10
2/8/2022	5:20 PM	0	0	0.138	0	44.1	56	29.4	43.1	10.49	0.079	233	1	100	10
2/8/2022	5:30 PM	0	0	0.142	0	44.1	56	29.4	43.1	10.49	0.079	232	1	100	10
2/8/2022	5:40 PM	0	0	0.147	0	44.3	55	29.1	43.3	10.28	0.079	234	1	100	10
2/8/2022	5:50 PM	0	0	0.153	0	44.2	55	29	43.2	10.28	0.079	233	1	100	10
2/8/2022	6:00 PM	0	0	0.163	0	43.9	55	28.8	42.9	10.29	0.0791	235	1	100	10
2/8/2022	6:10 PM	0	0	0.174	0	43.3	56	28.6	42.3	10.52	0.0792	234	1	100	10
2/8/2022	6:20 PM	0	0	0.183	0	42.5	56	27.9	41.5	10.55	0.0793	232	1	100	10
2/8/2022	6:30 PM	0	0	0.192	0	41.6	56	27.1	40.6	10.59	0.0795	234	1	100	10
2/8/2022	6:40 PM	0	0	0.199	0	40.7	56	26.2	39.7	10.62	0.0796	234	1	100	10
2/8/2022	6:50 PM	0	0	0.206	0	39.8	57	25.8	38.9	10.75	0.0798	233	1	100	10
2/8/2022	7:00 PM	0	0	0.212	0	39	57	25	38.1	10.77	0.0799	235	1	100	10
2/8/2022	7:10 PM	0	0	0.218	0	38.2	57	24.3	37.3	10.79	0.0801	234	1	100	10
2/8/2022	7:20 PM	0	0	0.222	0	37.5	58	24.1	36.7	11	0.0802	233	1	100	10
2/8/2022	7:30 PM	0	0	0.226	0	36.9	58	23.5	36.1	11.01	0.0803	234	1	100	10
2/8/2022	7:40 PM	0	0	0.23	0	36.3	58	22.9	35.5	11.02	0.0804	234	1	100	10
2/8/2022	7:50 PM	0	0	0.233	0	35.8	59	22.9	35	11.22	0.0805	233	1	100	10
2/8/2022	8:00 PM	0	0	0.235	0	35.3	59	22.4	34.5	11.24	0.0806	233	1	100	10
2/8/2022	8:10 PM	0	0	0.238	0	34.9	59	22	34.2	11.25	0.0807	235	1	100	10
2/8/2022	8:20 PM	0	0	0.24	0	34.5	59	21.6	33.8	11.25	0.0807	234	1	100	10
2/8/2022	8:30 PM	0	0	0.242	0	34.2	60	21.7	33.5	11.45	0.0808	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/11/2022	3:15 PM	---	---	---	---	---	0	---	0	0	---	---	---	---	-----
4/11/2022	3:30 PM	68.4	69.2	68.4	42	44.4	4	W	2	13	WNW	68.4	66.2	66.2	30.014
4/11/2022	3:40 PM	68	68	67.9	47	47	6	W	1	7	WNW	68	66.4	66.4	30.014
4/11/2022	3:50 PM	67.7	68	67.6	51	48.9	6	W	1	13	W	67.7	66.4	66.4	30.013
4/11/2022	4:00 PM	67.4	67.7	67.4	51	48.6	5	W	0.83	14	WSW	67.4	66	66	30.012
4/11/2022	4:10 PM	67	67.5	67	47	46.1	7	W	1.17	23	W	67	65.3	65.3	30.014
4/11/2022	4:20 PM	66.5	67	66.5	48	46.2	8	W	1.33	18	WSW	65.9	64.8	64.2	30.012
4/11/2022	4:30 PM	66.5	66.5	66.2	49	46.7	6	W	1	17	W	66.5	64.8	64.8	30.008
4/11/2022	4:40 PM	66.4	66.6	66.4	48	46.1	6	WSW	1	14	W	66.4	64.6	64.6	30.006
4/11/2022	4:50 PM	66	66.5	65.9	49	46.3	4	WSW	0.67	12	W	66	64.2	64.2	30.001
4/11/2022	5:00 PM	65.5	65.9	65.5	50	46.4	5	W	0.83	10	W	65.5	63.8	63.8	30.007
4/11/2022	5:10 PM	65.4	65.5	65.4	51	46.8	3	W	0.5	9	WSW	65.4	63.7	63.7	30.008
4/11/2022	5:20 PM	65.3	65.5	65.3	51	46.7	2	W	0.33	4	SW	65.3	63.6	63.6	30.01
4/11/2022	5:30 PM	65.1	65.3	65.1	52	47	2	W	0.33	7	W	65.1	63.5	63.5	30.016
4/11/2022	5:40 PM	64.8	65.1	64.8	53	47.3	1	NE	0.17	4	W	64.8	63.3	63.3	29.968
4/11/2022	5:50 PM	64.9	64.9	64.8	53	47.4	1	SE	0.17	4	SE	64.9	63.4	63.4	29.972
4/11/2022	6:00 PM	65	65	64.8	52	46.9	1	NW	0.17	3	WNW	65	63.4	63.4	29.984
4/11/2022	6:10 PM	65.2	65.3	65	53	47.6	1	SW	0.17	4	ESE	65.2	63.7	63.7	29.985
4/11/2022	6:20 PM	65.4	65.4	65.2	54	48.3	0	SE	0	3	SE	65.4	64	64	29.997
4/11/2022	6:30 PM	64.9	65.3	64.9	52	46.8	2	WSW	0.33	6	W	64.9	63.3	63.3	30.007
4/11/2022	6:40 PM	64.4	65	64.4	53	46.9	1	WSW	0.17	3	W	64.4	62.8	62.8	30.012
4/11/2022	6:50 PM	64	64.4	64	53	46.5	2	W	0.33	4	W	64	62.4	62.4	30.017
4/11/2022	7:00 PM	63.7	64.1	63.7	53	46.2	2	WNW	0.33	11	WNW	63.7	62.1	62.1	30.019
4/11/2022	7:10 PM	63.8	63.9	63.7	53	46.3	2	W	0.33	11	W	63.8	62.2	62.2	30.015
4/11/2022	7:20 PM	63.5	63.8	63.5	52	45.6	0	W	0	3	W	63.5	61.8	61.8	30.002
4/11/2022	7:30 PM	62.9	63.5	62.9	57	47.4	1	WSW	0.17	3	WSW	62.9	61.5	61.5	30.009
4/11/2022	7:40 PM	62.4	62.9	62.4	56	46.5	0	W	0	1	W	62.4	60.9	60.9	30.01
4/11/2022	7:50 PM	61.8	62.4	61.8	58	46.9	0	SSW	0	2	SSW	61.8	60.4	60.4	29.998
4/11/2022	8:00 PM	61.2	61.8	61.1	61	47.6	0	SE	0	2	SE	61.2	59.9	59.9	30.001
4/11/2022	8:10 PM	60.3	61.1	60.3	64	48.1	0	SE	0	2	SE	60.3	59.2	59.2	30.004
4/11/2022	8:20 PM	59.5	60.3	59.5	64	47.3	0	---	0	0	---	59.5	58.3	58.3	30.005
4/11/2022	8:30 PM	58.9	59.5	58.9	66	47.6	0	---	0	0	---	58.9	57.8	57.8	30.004
4/11/2022	8:40 PM	58.5	58.9	58.5	68	48	0	SSE	0	2	SSE	58.5	57.5	57.5	30.009
4/11/2022	8:50 PM	58.7	58.8	58.4	69	48.6	1	SSE	0.17	2	SSE	58.7	57.8	57.8	30.008
4/11/2022	9:00 PM	58.4	58.8	58.4	68	47.9	0	ESE	0	1	ESE	58.4	57.4	57.4	30.01
4/11/2022	9:10 PM	58.1	58.4	58.1	70	48.4	1	ESE	0.17	2	ESE	58.1	57.2	57.2	30.016
4/11/2022	9:20 PM	57.9	58.2	57.9	69	47.8	0	---	0	0	---	57.9	57	57	30.015
4/11/2022	9:30 PM	57.6	57.9	57.6	71	48.3	0	ESE	0	2	SW	57.6	56.8	56.8	30.019
4/11/2022	9:40 PM	57.6	57.6	57.4	68	47.1	1	W	0.17	3	W	57.6	56.6	56.6	30.027
4/11/2022	9:50 PM	58.8	58.8	57.6	64	46.6	2	WSW	0.33	8	W	58.8	57.6	57.6	30.022
4/11/2022	10:00 PM	58.3	58.8	58.3	65	46.6	2	S	0.33	4	SSE	58.3	57.2	57.2	30.018
4/11/2022	10:10 PM	57.6	58.3	57.6	67	46.7	1	SSW	0.17	4	SSE	57.6	56.6	56.6	30.02
4/11/2022	10:20 PM	57.6	57.6	57.5	67	46.7	1	SW	0.17	4	WSW	57.6	56.6	56.6	30.022
4/11/2022	10:30 PM	57.7	57.8	57.6	68	47.2	1	S	0.17	4	SE	57.7	56.7	56.7	30.017

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/11/2022	3:15 PM	0	0	---	---	---	---	---	---	---	---	0	1	0	30
4/11/2022	3:30 PM	0	0	0	0.071	74.1	41	48.9	73	7.79	0.0737	341	1	49.9	30
4/11/2022	3:40 PM	0	0	0	0.021	73.1	40	47.3	71.8	7.69	0.0739	14	1	6.1	10
4/11/2022	3:50 PM	0	0	0	0.019	72	42	47.6	70.4	8.01	0.074	234	1	100	10
4/11/2022	4:00 PM	0	0	0	0.017	71.5	42	47.2	69.7	8.02	0.0741	234	1	100	10
4/11/2022	4:10 PM	0	0	0	0.014	71.1	42	46.8	69.1	8.03	0.0742	233	1	100	10
4/11/2022	4:20 PM	0	0	0	0.01	70.8	43	47.2	68.8	8.22	0.0742	234	1	100	10
4/11/2022	4:30 PM	0	0	0	0.01	70.4	43	46.8	68.3	8.23	0.0743	234	1	100	10
4/11/2022	4:40 PM	0	0	0	0.01	70	43	46.5	67.7	8.25	0.0743	234	1	100	10
4/11/2022	4:50 PM	0	0	0	0.007	69.7	43	46.2	67.5	8.25	0.0744	232	1	100	10
4/11/2022	5:00 PM	0	0	0	0.003	69.4	43	45.9	67.2	8.25	0.0744	233	1	100	10
4/11/2022	5:10 PM	0	0	0	0.003	69	43	45.6	66.8	8.25	0.0745	234	1	100	10
4/11/2022	5:20 PM	0	0	0	0.002	68.7	43	45.3	66.6	8.25	0.0746	234	1	100	10
4/11/2022	5:30 PM	0	0	0	0.001	68.5	43	45.1	66.4	8.25	0.0746	234	1	100	10
4/11/2022	5:40 PM	0	0	0.001	0	68.2	44	45.4	66.3	8.35	0.0745	233	1	100	10
4/11/2022	5:50 PM	0	0	0.001	0	67.9	44	45.2	66	8.35	0.0746	233	1	100	10
4/11/2022	6:00 PM	0	0	0	0	67.7	44	45	65.8	8.35	0.0747	234	1	100	10
4/11/2022	6:10 PM	0	0	0	0.001	67.5	44	44.8	65.6	8.35	0.0747	234	1	100	10
4/11/2022	6:20 PM	0	0	0	0.003	67.2	44	44.5	65.2	8.35	0.0748	233	1	100	10
4/11/2022	6:30 PM	0	0	0.001	0	67.1	44	44.4	65.1	8.35	0.0748	233	1	100	10
4/11/2022	6:40 PM	0	0	0.004	0	66.9	45	44.9	65	8.51	0.0748	235	1	100	10
4/11/2022	6:50 PM	0	0	0.007	0	66.6	45	44.6	64.7	8.52	0.0749	233	1	100	10
4/11/2022	7:00 PM	0	0	0.009	0	66.4	45	44.4	64.4	8.52	0.0749	234	1	100	10
4/11/2022	7:10 PM	0	0	0.008	0	66.1	45	44.1	64.1	8.53	0.075	234	1	100	10
4/11/2022	7:20 PM	0	0	0.01	0	65.8	45	43.9	63.8	8.53	0.075	231	1	100	10
4/11/2022	7:30 PM	0	0	0.015	0	65.6	45	43.7	63.6	8.54	0.0751	234	1	100	10
4/11/2022	7:40 PM	0	0	0.018	0	65.3	46	44	63.3	8.65	0.0751	233	1	100	10
4/11/2022	7:50 PM	0	0	0.022	0	65.1	46	43.8	63.1	8.65	0.0751	233	1	100	10
4/11/2022	8:00 PM	0	0	0.026	0	64.8	46	43.5	62.7	8.66	0.0752	233	1	100	10
4/11/2022	8:10 PM	0	0	0.033	0	64.5	46	43.3	62.4	8.67	0.0752	234	1	100	10
4/11/2022	8:20 PM	0	0	0.038	0	64.2	46	43	62.1	8.68	0.0753	233	1	100	10
4/11/2022	8:30 PM	0	0	0.042	0	63.9	46	42.7	61.8	8.69	0.0753	234	1	100	10
4/11/2022	8:40 PM	0	0	0.045	0	63.6	46	42.4	61.4	8.71	0.0754	232	1	100	10
4/11/2022	8:50 PM	0	0	0.044	0	63.3	46	42.2	61.1	8.72	0.0754	235	1	100	10
4/11/2022	9:00 PM	0	0	0.046	0	62.9	46	41.8	60.7	8.73	0.0755	234	1	100	10
4/11/2022	9:10 PM	0	0	0.048	0	62.6	46	41.5	60.4	8.75	0.0756	233	1	100	10
4/11/2022	9:20 PM	0	0	0.049	0	62.3	47	41.8	60.1	8.9	0.0756	234	1	100	10
4/11/2022	9:30 PM	0	0	0.051	0	62.1	47	41.6	59.9	8.91	0.0756	233	1	100	10
4/11/2022	9:40 PM	0	0	0.051	0	61.8	47	41.3	59.6	8.91	0.0757	232	1	100	10
4/11/2022	9:50 PM	0	0	0.043	0	61.6	47	41.2	59.4	8.92	0.0757	234	1	100	10
4/11/2022	10:00 PM	0	0	0.047	0	61.3	48	41.4	59.2	9.1	0.0758	233	1	100	10
4/11/2022	10:10 PM	0	0	0.051	0	61.1	48	41.2	59	9.11	0.0758	233	1	100	10
4/11/2022	10:20 PM	0	0	0.051	0	60.9	48	41.1	58.8	9.11	0.0758	234	1	100	10
4/11/2022	10:30 PM	0	0	0.051	0	60.7	48	40.9	58.6	9.12	0.0759	233	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/11/2022	10:40 PM	57.3	57.8	57.3	69	47.2	0	SSE	0	1	SSE	57.3	56.4	56.4	30.017
4/11/2022	10:50 PM	56.3	57.3	56.3	72	47.4	0	---	0	0	---	56.3	55.5	55.5	30.014
4/11/2022	11:00 PM	55.6	56.3	55.6	73	47.1	0	SSE	0	2	SSE	55.6	54.9	54.9	30.014
4/11/2022	11:10 PM	55.4	55.6	55.4	75	47.6	0	---	0	0	---	55.4	54.8	54.8	30.019
4/11/2022	11:20 PM	55.3	55.4	55.3	76	47.9	0	---	0	0	---	55.3	54.8	54.8	30.018
4/11/2022	11:30 PM	55	55.3	55	75	47.2	0	---	0	0	---	55	54.4	54.4	30.022
4/11/2022	11:40 PM	54.5	55	54.4	76	47.1	0	S	0	1	S	54.5	54	54	30.021
4/11/2022	11:50 PM	53.6	54.4	53.6	78	46.9	0	---	0	0	---	53.6	53.2	53.2	30.021
4/12/2022	12:00 AM	53.4	53.7	53.4	78	46.7	0	---	0	0	---	53.4	53	53	30.027
4/12/2022	12:10 AM	53.1	53.5	53.1	79	46.8	0	---	0	0	---	53.1	52.8	52.8	30.032
4/12/2022	12:20 AM	52.7	53.1	52.7	79	46.4	0	---	0	0	---	52.7	52.4	52.4	30.034
4/12/2022	12:30 AM	52.5	52.7	52.5	80	46.5	0	---	0	0	---	52.5	52.3	52.3	30.035
4/12/2022	12:40 AM	52.3	52.5	52.3	81	46.6	0	---	0	0	---	52.3	52.1	52.1	30.031
4/12/2022	12:50 AM	52.1	52.3	52	81	46.4	0	S	0	2	S	52.1	51.9	51.9	30.026
4/12/2022	1:00 AM	51.8	52.2	51.8	81	46.2	0	SSE	0	3	SSE	51.8	51.6	51.6	30.023
4/12/2022	1:10 AM	51.6	51.8	51.5	82	46.3	0	SSE	0	1	SSE	51.6	51.5	51.5	30.019
4/12/2022	1:20 AM	51.9	51.9	51.6	82	46.6	0	SSE	0	2	SSE	51.9	51.8	51.8	30.023
4/12/2022	1:30 AM	52.2	52.2	51.9	82	46.9	1	NE	0.17	2	SE	52.2	52.1	52.1	30.026
4/12/2022	1:40 AM	52.4	52.4	52.2	83	47.4	0	---	0	0	---	52.4	52.3	52.3	30.023
4/12/2022	1:50 AM	52.5	52.5	52.4	83	47.5	0	---	0	0	---	52.5	52.4	52.4	30.027
4/12/2022	2:00 AM	52.3	52.5	52.3	82	47	0	NE	0	1	NE	52.3	52.2	52.2	30.027
4/12/2022	2:10 AM	51.5	52.2	51.5	82	46.2	0	---	0	0	---	51.5	51.4	51.4	30.032
4/12/2022	2:20 AM	50.8	51.5	50.8	83	45.8	0	---	0	0	---	50.8	50.7	50.7	30.035
4/12/2022	2:30 AM	50.5	50.8	50.5	85	46.2	0	---	0	0	---	50.5	50.5	50.5	30.039
4/12/2022	2:40 AM	50.7	50.8	50.5	85	46.4	0	---	0	0	---	50.7	50.7	50.7	30.046
4/12/2022	2:50 AM	51	51	50.8	85	46.6	0	---	0	0	---	51	51	51	30.052
4/12/2022	3:00 AM	51.4	51.4	51	86	47.4	0	---	0	0	---	51.4	51.4	51.4	30.059
4/12/2022	3:10 AM	51.6	51.6	51.4	86	47.5	0	---	0	0	---	51.6	51.6	51.6	30.066
4/12/2022	3:20 AM	51.8	51.8	51.6	85	47.4	0	---	0	0	---	51.8	51.8	51.8	30.064
4/12/2022	3:30 AM	51.9	51.9	51.8	85	47.5	0	---	0	0	---	51.9	51.9	51.9	30.065
4/12/2022	3:40 AM	51.9	52	51.9	85	47.5	0	NE	0	2	NE	51.9	51.9	51.9	30.066
4/12/2022	3:50 AM	52.1	52.2	51.9	87	48.3	2	SE	0.33	3	SE	52.1	52.2	52.2	30.055
4/12/2022	4:00 AM	51.8	52.1	51.8	90	49	0	SE	0	2	SE	51.8	52	52	30.059
4/12/2022	4:10 AM	51.7	51.8	51.6	91	49.2	0	SE	0	2	SE	51.7	51.9	51.9	30.056
4/12/2022	4:20 AM	51.5	51.7	51.4	92	49.3	0	---	0	0	---	51.5	51.8	51.8	30.066
4/12/2022	4:30 AM	51.5	51.5	51.4	93	49.5	0	SSE	0	2	SE	51.5	51.8	51.8	30.058
4/12/2022	4:40 AM	51.5	51.6	51.5	93	49.5	0	---	0	0	---	51.5	51.8	51.8	30.049
4/12/2022	4:50 AM	51.6	51.6	51.5	94	49.9	0	---	0	0	---	51.6	52	52	30.05
4/12/2022	5:00 AM	51.7	51.8	51.6	94	50	0	---	0	0	---	51.7	52.1	52.1	30.051
4/12/2022	5:10 AM	51.8	51.8	51.7	94	50.1	0	---	0	0	---	51.8	52.2	52.2	30.054
4/12/2022	5:20 AM	51.9	51.9	51.8	94	50.2	0	---	0	0	---	51.9	52.3	52.3	30.049
4/12/2022	5:30 AM	51.9	51.9	51.7	95	50.5	0	---	0	0	---	51.9	52.3	52.3	30.048
4/12/2022	5:40 AM	51.8	51.9	51.7	94	50.1	0	SE	0	2	SE	51.8	52.2	52.2	30.036
4/12/2022	5:50 AM	51.7	51.8	51.6	95	50.3	0	NE	0	3	NNE	51.7	52.1	52.1	30.044

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/11/2022	10:40 PM	0	0	0.053	0	60.5	48	40.7	58.4	9.13	0.0759	234	1	100	10
4/11/2022	10:50 PM	0	0	0.06	0	60.3	48	40.5	58.2	9.14	0.0759	234	1	100	10
4/11/2022	11:00 PM	0	0	0.065	0	60.1	49	40.9	58	9.35	0.0759	234	1	100	10
4/11/2022	11:10 PM	0	0	0.067	0	59.9	49	40.7	57.8	9.35	0.076	234	1	100	10
4/11/2022	11:20 PM	0	0	0.067	0	59.6	49	40.4	57.5	9.35	0.076	233	1	100	10
4/11/2022	11:30 PM	0	0	0.069	0	59.4	49	40.2	57.3	9.35	0.0761	233	1	100	10
4/11/2022	11:40 PM	0	0	0.073	0	59.1	49	39.9	57	9.35	0.0761	233	1	100	10
4/11/2022	11:50 PM	0	0	0.079	0	58.9	49	39.8	56.8	9.35	0.0762	232	1	100	10
4/12/2022	12:00 AM	0	0	0.081	0	58.6	49	39.5	56.5	9.35	0.0762	234	1	100	10
4/12/2022	12:10 AM	0	0	0.083	0	58.4	49	39.3	56.3	9.35	0.0763	233	1	100	10
4/12/2022	12:20 AM	0	0	0.085	0	58.1	49	39	56	9.35	0.0763	233	1	100	10
4/12/2022	12:30 AM	0	0	0.087	0	57.8	50	39.3	55.8	9.49	0.0764	233	1	100	10
4/12/2022	12:40 AM	0	0	0.088	0	57.6	50	39.1	55.6	9.5	0.0764	234	1	100	10
4/12/2022	12:50 AM	0	0	0.09	0	57.4	50	38.9	55.4	9.5	0.0764	232	1	100	10
4/12/2022	1:00 AM	0	0	0.092	0	57.1	50	38.6	55.1	9.51	0.0765	233	1	100	10
4/12/2022	1:10 AM	0	0	0.093	0	56.9	50	38.4	54.9	9.51	0.0765	234	1	100	10
4/12/2022	1:20 AM	0	0	0.091	0	56.7	50	38.3	54.7	9.52	0.0765	234	1	100	10
4/12/2022	1:30 AM	0	0	0.089	0	56.4	50	38	54.5	9.52	0.0766	234	1	100	10
4/12/2022	1:40 AM	0	0	0.087	0	56.2	50	37.8	54.3	9.53	0.0766	232	1	100	10
4/12/2022	1:50 AM	0	0	0.087	0	56.1	50	37.7	54.2	9.53	0.0766	233	1	100	10
4/12/2022	2:00 AM	0	0	0.088	0	55.9	51	38	54.1	9.65	0.0767	233	1	100	10
4/12/2022	2:10 AM	0	0	0.094	0	55.7	51	37.8	53.9	9.65	0.0767	233	1	100	10
4/12/2022	2:20 AM	0	0	0.099	0	55.5	51	37.7	53.7	9.65	0.0767	234	1	100	10
4/12/2022	2:30 AM	0	0	0.101	0	55.4	51	37.6	53.6	9.65	0.0768	233	1	100	10
4/12/2022	2:40 AM	0	0	0.099	0	55.2	51	37.4	53.4	9.65	0.0768	233	1	100	10
4/12/2022	2:50 AM	0	0	0.097	0	55.1	51	37.3	53.3	9.65	0.0769	233	1	100	10
4/12/2022	3:00 AM	0	0	0.094	0	54.9	51	37.1	53.2	9.65	0.0769	234	1	100	10
4/12/2022	3:10 AM	0	0	0.093	0	54.8	51	37	53.1	9.65	0.0769	233	1	100	10
4/12/2022	3:20 AM	0	0	0.092	0	54.7	51	36.9	53	9.65	0.077	234	1	100	10
4/12/2022	3:30 AM	0	0	0.091	0	54.5	52	37.2	52.8	9.84	0.077	234	1	100	10
4/12/2022	3:40 AM	0	0	0.091	0	54.5	52	37.2	52.8	9.84	0.077	233	1	100	10
4/12/2022	3:50 AM	0.03	0.27	0.09	0	54.4	52	37.1	52.7	9.84	0.077	233	1	100	10
4/12/2022	4:00 AM	0.02	0.25	0.092	0	54.3	52	37	52.7	9.84	0.077	233	1	100	10
4/12/2022	4:10 AM	0	0.05	0.092	0	54.3	52	37	52.7	9.84	0.077	234	1	100	10
4/12/2022	4:20 AM	0	0	0.094	0	54.2	52	36.9	52.6	9.83	0.077	234	1	100	10
4/12/2022	4:30 AM	0.02	0.13	0.094	0	54.2	52	36.9	52.6	9.83	0.077	235	1	100	10
4/12/2022	4:40 AM	0.01	0.18	0.094	0	54.1	52	36.9	52.5	9.83	0.077	234	1	100	10
4/12/2022	4:50 AM	0	0	0.093	0	54.1	53	37.3	52.5	9.95	0.077	231	1	100	10
4/12/2022	5:00 AM	0	0	0.092	0	54	53	37.2	52.4	9.95	0.077	234	1	100	10
4/12/2022	5:10 AM	0	0	0.092	0	53.9	53	37.1	52.3	9.95	0.077	232	1	100	10
4/12/2022	5:20 AM	0	0	0.091	0	53.9	53	37.1	52.3	9.95	0.077	232	1	100	10
4/12/2022	5:30 AM	0	0	0.091	0	53.8	53	37.1	52.2	9.95	0.077	233	1	100	10
4/12/2022	5:40 AM	0	0	0.092	0	53.8	53	37.1	52.2	9.95	0.077	234	1	100	10
4/12/2022	5:50 AM	0	0	0.092	0	53.8	53	37.1	52.2	9.95	0.077	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/12/2022	6:00 AM	51.9	51.9	51.7	95	50.5	2	NNE	0.33	3	NNE	51.9	52.3	52.3	30.051
4/12/2022	6:10 AM	51.9	51.9	51.9	95	50.5	1	NNE	0.17	3	NNE	51.9	52.3	52.3	30.059
4/12/2022	6:20 AM	51.9	52	51.9	95	50.5	0	NE	0	1	NE	51.9	52.3	52.3	30.058
4/12/2022	6:30 AM	52	52.1	51.9	95	50.6	0	---	0	0	---	52	52.4	52.4	30.056
4/12/2022	6:40 AM	51.9	52	51.9	95	50.5	0	---	0	0	---	51.9	52.3	52.3	30.059
4/12/2022	6:50 AM	51.9	51.9	51.9	95	50.5	0	NE	0	1	NE	51.9	52.3	52.3	30.071
4/12/2022	7:00 AM	51.7	51.9	51.7	95	50.3	0	---	0	0	---	51.7	52.1	52.1	30.081
4/12/2022	7:10 AM	51.7	51.7	51.7	95	50.3	0	---	0	0	---	51.7	52.1	52.1	30.084
4/12/2022	7:20 AM	51.7	51.7	51.6	95	50.3	0	---	0	0	---	51.7	52.1	52.1	30.092
4/12/2022	7:30 AM	51.8	51.8	51.7	96	50.7	0	---	0	0	---	51.8	52.2	52.2	30.097
4/12/2022	7:40 AM	52	52.1	51.8	96	50.9	0	---	0	0	---	52	52.4	52.4	30.101
4/12/2022	7:50 AM	52.2	52.2	52	96	51.1	0	SE	0	3	SE	52.2	52.6	52.6	30.105
4/12/2022	8:00 AM	52.5	52.5	52.2	96	51.4	1	SSE	0.17	4	SSE	52.5	52.9	52.9	30.107
4/12/2022	8:10 AM	52.8	52.8	52.5	96	51.7	0	SSE	0	1	SSE	52.8	53.2	53.2	30.114
4/12/2022	8:20 AM	53.1	53.1	52.7	96	52	0	SSE	0	1	SSE	53.1	53.5	53.5	30.119
4/12/2022	8:30 AM	53.3	53.3	53	96	52.2	0	---	0	0	---	53.3	53.7	53.7	30.121
4/12/2022	8:40 AM	53.5	53.5	53.3	96	52.4	0	---	0	0	---	53.5	53.9	53.9	30.125
4/12/2022	8:50 AM	53.8	53.8	53.5	96	52.7	0	---	0	0	---	53.8	54.2	54.2	30.132
4/12/2022	9:00 AM	54.1	54.2	53.8	96	53	0	---	0	0	---	54.1	54.5	54.5	30.133
4/12/2022	9:10 AM	54.6	54.6	54.2	95	53.2	0	---	0	0	---	54.6	54.9	54.9	30.133
4/12/2022	9:20 AM	55.4	55.4	54.7	94	53.7	0	SW	0	2	SW	55.4	55.7	55.7	30.129
4/12/2022	9:30 AM	55.7	55.8	55.4	92	53.4	0	SW	0	2	SW	55.7	55.9	55.9	30.134
4/12/2022	9:40 AM	56.2	56.2	55.7	91	53.6	0	SW	0	2	SW	56.2	56.3	56.3	30.125
4/12/2022	9:50 AM	57.1	57.1	56.2	90	54.2	1	S	0.17	2	SSW	57.1	57.2	57.2	30.122
4/12/2022	10:00 AM	58.4	58.4	57.1	86	54.2	1	E	0.17	3	E	58.4	58.4	58.4	30.12
4/12/2022	10:10 AM	58.7	58.7	58.4	86	54.5	1	ENE	0.17	2	ENE	58.7	58.7	58.7	30.12
4/12/2022	10:20 AM	59.4	59.4	58.7	86	55.2	1	WNW	0.17	3	SW	59.4	59.4	59.4	30.12
4/12/2022	10:30 AM	59.9	59.9	59.4	83	54.7	1	SW	0.17	3	W	59.9	59.8	59.8	30.128
4/12/2022	10:40 AM	60.3	60.3	59.8	82	54.8	2	W	0.33	6	W	60.3	60.2	60.2	30.138
4/12/2022	10:50 AM	61.8	62	60.2	80	55.6	2	SE	0.33	7	W	61.8	61.9	61.9	30.147
4/12/2022	11:00 AM	61.4	61.8	61.4	81	55.5	2	SW	0.33	6	W	61.4	61.4	61.4	30.142
4/12/2022	11:10 AM	61.8	61.8	61.4	80	55.6	1	N	0.17	4	N	61.8	61.9	61.9	30.146
4/12/2022	11:20 AM	61.5	61.8	61.5	81	55.6	2	WSW	0.33	4	WNW	61.5	61.5	61.5	30.148
4/12/2022	11:30 AM	61	61.5	61	82	55.5	2	W	0.33	6	W	61	61	61	30.15
4/12/2022	11:40 AM	61.4	61.4	61	83	56.2	2	W	0.33	7	W	61.4	61.5	61.5	30.152
4/12/2022	11:50 AM	61.6	61.7	61.4	80	55.4	3	W	0.5	8	WNW	61.6	61.6	61.6	30.149
4/12/2022	12:00 PM	61.5	61.6	61.4	81	55.6	2	WSW	0.33	6	W	61.5	61.5	61.5	30.151
4/12/2022	12:10 PM	62	62	61.5	80	55.8	1	W	0.17	4	W	62	62.1	62.1	30.151
4/12/2022	12:20 PM	62.2	62.2	62	79	55.6	3	W	0.5	8	WNW	62.2	62.2	62.2	30.152
4/12/2022	12:30 PM	62.3	62.3	62	78	55.4	4	W	0.67	9	W	62.3	62.3	62.3	30.15
4/12/2022	12:40 PM	62.3	62.4	62.2	78	55.4	3	W	0.5	7	W	62.3	62.3	62.3	30.151
4/12/2022	12:50 PM	62	62.3	62	80	55.8	2	WNW	0.33	6	W	62	62.1	62.1	30.149
4/12/2022	1:00 PM	62.1	62.1	62	80	55.9	3	W	0.5	7	NW	62.1	62.2	62.2	30.15
4/12/2022	1:10 PM	62.6	62.6	62	80	56.3	1	WSW	0.17	3	SW	62.6	62.8	62.8	30.151

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/12/2022	6:00 AM	0	0	0.091	0	53.7	54	37.4	52.2	10.12	0.0771	233	1	100	10
4/12/2022	6:10 AM	0	0	0.091	0	53.7	54	37.4	52.2	10.12	0.0771	233	1	100	10
4/12/2022	6:20 AM	0	0	0.091	0	53.7	54	37.4	52.2	10.12	0.0771	234	1	100	10
4/12/2022	6:30 AM	0	0	0.09	0	53.7	54	37.4	52.2	10.12	0.0771	232	1	100	10
4/12/2022	6:40 AM	0	0	0.091	0	53.6	54	37.3	52.1	10.12	0.0771	233	1	100	10
4/12/2022	6:50 AM	0	0	0.091	0	53.6	54	37.3	52.1	10.12	0.0771	233	1	100	10
4/12/2022	7:00 AM	0	0	0.092	0	53.6	55	37.8	52.1	10.32	0.0771	234	1	100	10
4/12/2022	7:10 AM	0	0	0.092	0	53.6	55	37.8	52.1	10.32	0.0772	234	1	100	10
4/12/2022	7:20 AM	0	0	0.092	0	53.5	55	37.7	52	10.32	0.0772	233	1	100	10
4/12/2022	7:30 AM	0	0	0.092	0	53.5	55	37.7	52	10.32	0.0772	232	1	100	10
4/12/2022	7:40 AM	0	0	0.09	0	53.4	55	37.6	52	10.32	0.0772	235	1	100	10
4/12/2022	7:50 AM	0	0	0.089	0	53.5	55	37.7	52	10.32	0.0772	234	1	100	10
4/12/2022	8:00 AM	0	0	0.087	0	53.5	55	37.7	52	10.32	0.0772	232	1	100	10
4/12/2022	8:10 AM	0	0	0.085	0	53.5	56	38.2	52.1	10.42	0.0772	234	1	100	10
4/12/2022	8:20 AM	0	0	0.083	0	53.5	56	38.2	52.1	10.42	0.0772	234	1	100	10
4/12/2022	8:30 AM	0	0	0.081	0	53.6	56	38.3	52.2	10.42	0.0772	231	1	100	10
4/12/2022	8:40 AM	0	0	0.08	0	53.6	56	38.3	52.2	10.42	0.0772	234	1	100	10
4/12/2022	8:50 AM	0	0	0.078	0	53.7	56	38.4	52.3	10.42	0.0772	234	1	100	10
4/12/2022	9:00 AM	0	0	0.076	0	53.7	57	38.8	52.3	10.62	0.0772	233	1	100	10
4/12/2022	9:10 AM	0	0	0.072	0	53.9	57	39	52.5	10.63	0.0772	232	1	100	10
4/12/2022	9:20 AM	0	0	0.067	0	54	57	39.1	52.6	10.63	0.0772	234	1	100	10
4/12/2022	9:30 AM	0	0	0.065	0	54.8	59	40.7	53.4	10.95	0.077	233	1	100	10
4/12/2022	9:40 AM	0	0	0.061	0	55.3	58	40.8	53.9	10.75	0.0769	234	1	100	10
4/12/2022	9:50 AM	0	0	0.055	0	55.4	59	41.3	54	10.95	0.0769	235	1	100	10
4/12/2022	10:00 AM	0	0	0.046	0	55.6	59	41.5	54.2	10.95	0.0769	234	1	100	10
4/12/2022	10:10 AM	0	0	0.044	0	55.9	59	41.8	54.5	10.95	0.0768	233	1	100	10
4/12/2022	10:20 AM	0	0	0.039	0	56.3	60	42.6	54.9	11.08	0.0767	234	1	100	10
4/12/2022	10:30 AM	0	0	0.035	0	56.7	60	43	55.3	11.08	0.0767	232	1	100	10
4/12/2022	10:40 AM	0	0	0.033	0	57.1	60	43.3	55.7	11.09	0.0766	234	1	100	10
4/12/2022	10:50 AM	0	0	0.022	0	57.6	61	44.2	56.3	11.25	0.0766	234	1	100	10
4/12/2022	11:00 AM	0	0	0.025	0	58.1	61	44.7	56.8	11.25	0.0765	235	1	100	10
4/12/2022	11:10 AM	0	0	0.022	0	58.6	61	45.2	57.3	11.25	0.0764	234	1	100	10
4/12/2022	11:20 AM	0	0	0.024	0	59	61	45.6	57.7	11.25	0.0763	233	1	100	10
4/12/2022	11:30 AM	0	0	0.028	0	59.4	61	45.9	58.1	11.25	0.0762	233	1	100	10
4/12/2022	11:40 AM	0	0	0.025	0	59.7	61	46.2	58.4	11.25	0.0762	234	1	100	10
4/12/2022	11:50 AM	0	0	0.024	0	59.9	62	46.8	58.6	11.45	0.0761	234	1	100	10
4/12/2022	12:00 PM	0	0	0.024	0	60.2	62	47.1	58.9	11.45	0.0761	233	1	100	10
4/12/2022	12:10 PM	0	0	0.021	0	60.4	62	47.3	59.1	11.45	0.0761	232	1	100	10
4/12/2022	12:20 PM	0	0	0.019	0	60.6	62	47.5	59.3	11.45	0.076	233	1	100	10
4/12/2022	12:30 PM	0	0	0.019	0	60.9	62	47.8	59.7	11.45	0.076	234	1	100	10
4/12/2022	12:40 PM	0	0	0.019	0	61.2	63	48.5	60.1	11.65	0.0759	231	1	100	10
4/12/2022	12:50 PM	0	0	0.021	0	62.5	64	50.2	61.6	11.8	0.0757	233	1	100	10
4/12/2022	1:00 PM	0	0	0.02	0	62.6	63	49.8	61.6	11.65	0.0757	233	1	100	10
4/12/2022	1:10 PM	0	0	0.017	0	62.6	62	49.4	61.5	11.45	0.0757	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/12/2022	1:20 PM	63.1	63.1	62.6	79	56.5	2	SW	0.33	6	W	63.1	63.2	63.2	30.148
4/12/2022	1:30 PM	64.1	64.1	63.1	79	57.5	3	W	0.5	7	W	64.1	64.4	64.4	30.15
4/12/2022	1:40 PM	64.4	64.4	64.1	75	56.3	3	SW	0.5	10	SSE	64.4	64.4	64.4	30.148
4/12/2022	1:50 PM	64.2	64.5	64.2	75	56.1	4	W	0.67	8	WSW	64.2	64.1	64.1	30.147
4/12/2022	2:00 PM	63.8	64.2	63.8	76	56.1	4	W	0.67	11	W	63.8	63.8	63.8	30.143
4/12/2022	2:10 PM	63.9	63.9	63.8	77	56.5	4	W	0.67	9	W	63.9	64	64	30.135
4/12/2022	2:20 PM	63.8	63.9	63.8	77	56.4	4	W	0.67	10	WNW	63.8	63.9	63.9	30.136
4/12/2022	2:30 PM	63.9	64	63.7	77	56.5	4	W	0.67	8	W	63.9	64	64	30.132
4/12/2022	2:40 PM	64.3	64.3	64	77	56.9	4	W	0.67	8	W	64.3	64.4	64.4	30.129
4/12/2022	2:50 PM	64.7	64.7	64.3	77	57.3	3	W	0.5	7	W	64.7	64.9	64.9	30.123
4/12/2022	3:00 PM	64.9	64.9	64.7	76	57.2	4	W	0.67	11	W	64.9	65.1	65.1	30.117
4/12/2022	3:10 PM	65.3	65.4	64.9	76	57.5	2	SSE	0.33	10	WSW	65.3	65.5	65.5	30.109
4/12/2022	3:20 PM	65.6	65.6	65.4	76	57.8	3	W	0.5	9	WSW	65.6	65.9	65.9	30.11
4/12/2022	3:30 PM	65.6	65.7	65.5	77	58.2	2	WSW	0.33	7	WSW	65.6	66	66	30.106
4/12/2022	3:40 PM	65.5	65.6	65.4	77	58.1	3	W	0.5	8	W	65.5	65.9	65.9	30.099
4/12/2022	3:50 PM	65.4	65.6	65.4	76	57.6	3	W	0.5	8	W	65.4	65.7	65.7	30.097
4/12/2022	4:00 PM	65.5	65.6	65.4	77	58.1	2	SSW	0.33	8	W	65.5	65.9	65.9	30.094
4/12/2022	4:10 PM	65.7	65.7	65.5	76	57.9	3	NW	0.5	6	NW	65.7	66	66	30.09
4/12/2022	4:20 PM	66.6	66.6	65.7	75	58.4	2	WSW	0.33	4	WSW	66.6	67	67	30.081
4/12/2022	4:30 PM	67.7	67.7	66.6	75	59.5	3	W	0.5	7	W	67.7	68.3	68.3	30.077
4/12/2022	4:40 PM	68.3	68.3	67.7	71	58.5	3	W	0.5	7	W	68.3	68.7	68.7	30.072
4/12/2022	4:50 PM	68.1	68.6	68.1	71	58.3	2	WNW	0.33	8	WNW	68.1	68.5	68.5	30.067
4/12/2022	5:00 PM	67.9	68.1	67.8	71	58.1	2	WNW	0.33	7	W	67.9	68.3	68.3	30.063
4/12/2022	5:10 PM	67.7	68	67.7	72	58.3	2	W	0.33	6	W	67.7	68.1	68.1	30.067
4/12/2022	5:20 PM	67.6	67.7	67.5	71	57.9	2	W	0.33	9	W	67.6	67.9	67.9	30.067
4/12/2022	5:30 PM	67.6	67.6	67.5	72	58.2	3	WSW	0.5	7	W	67.6	68	68	30.065
4/12/2022	5:40 PM	67.7	67.8	67.5	72	58.3	2	W	0.33	6	W	67.7	68.1	68.1	30.069
4/12/2022	5:50 PM	68.5	68.5	67.8	72	59.1	3	W	0.5	7	WNW	68.5	69.1	69.1	30.068
4/12/2022	6:00 PM	68.3	68.7	68.3	70	58.1	3	W	0.5	8	W	68.3	68.7	68.7	30.069
4/12/2022	6:10 PM	68	68.3	67.9	70	57.8	2	W	0.33	4	WNW	68	68.3	68.3	30.067
4/12/2022	6:20 PM	67.8	68	67.8	70	57.7	2	W	0.33	4	W	67.8	68.1	68.1	30.065
4/12/2022	6:30 PM	67.9	67.9	67.8	70	57.8	2	W	0.33	6	W	67.9	68.2	68.2	30.067
4/12/2022	6:40 PM	68.5	68.5	67.9	70	58.3	3	W	0.5	5	WNW	68.5	68.9	68.9	30.064
4/12/2022	6:50 PM	69.2	69.2	68.5	68	58.2	2	WSW	0.33	6	W	69.2	69.4	69.4	30.06
4/12/2022	7:00 PM	69.2	69.3	69.1	69	58.6	1	WSW	0.17	4	WSW	69.2	69.5	69.5	30.056
4/12/2022	7:10 PM	68.6	69.3	68.6	68	57.6	2	WSW	0.33	8	W	68.6	68.8	68.8	30.05
4/12/2022	7:20 PM	67.9	68.6	67.9	70	57.8	1	W	0.17	4	W	67.9	68.2	68.2	30.053
4/12/2022	7:30 PM	67.1	67.9	67.1	74	58.5	1	W	0.17	4	WNW	67.1	67.5	67.5	30.057
4/12/2022	7:40 PM	66	67.1	66	74	57.5	1	W	0.17	4	WSW	66	66.2	66.2	30.058
4/12/2022	7:50 PM	65.5	66	65.5	75	57.4	0	S	0	4	WSW	65.5	65.7	65.7	30.053
4/12/2022	8:00 PM	64.3	65.4	64.3	76	56.6	1	S	0.17	2	S	64.3	64.4	64.4	30.053
4/12/2022	8:10 PM	63	64.3	63	78	56	0	---	0	0	---	63	63	63	30.055
4/12/2022	8:20 PM	61.6	63	61.6	80	55.4	0	---	0	0	---	61.6	61.6	61.6	30.051
4/12/2022	8:30 PM	60.5	61.6	60.5	81	54.6	0	---	0	0	---	60.5	60.4	60.4	30.048

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/12/2022	1:20 PM	0	0	0.013	0	62.5	62	49.3	61.4	11.45	0.0757	234	1	100	10
4/12/2022	1:30 PM	0	0	0.006	0	62.6	62	49.4	61.5	11.45	0.0757	233	1	100	10
4/12/2022	1:40 PM	0	0	0.004	0	62.8	63	50	61.8	11.65	0.0756	233	1	100	10
4/12/2022	1:50 PM	0	0	0.006	0	63	63	50.2	62	11.65	0.0756	232	1	100	10
4/12/2022	2:00 PM	0	0	0.008	0	63.2	63	50.4	62.3	11.65	0.0755	233	1	100	10
4/12/2022	2:10 PM	0	0	0.008	0	63.4	63	50.6	62.5	11.65	0.0755	235	1	100	10
4/12/2022	2:20 PM	0	0	0.008	0	63.5	63	50.7	62.6	11.65	0.0755	234	1	100	10
4/12/2022	2:30 PM	0	0	0.008	0	63.7	63	50.9	62.8	11.65	0.0754	232	1	100	10
4/12/2022	2:40 PM	0	0	0.005	0	63.8	63	51	62.9	11.65	0.0754	234	1	100	10
4/12/2022	2:50 PM	0	0	0.002	0	63.9	63	51.1	63	11.65	0.0754	233	1	100	10
4/12/2022	3:00 PM	0	0	0.001	0	64	64	51.6	63.2	11.77	0.0753	234	1	100	10
4/12/2022	3:10 PM	0	0	0	0.002	64.1	64	51.7	63.3	11.77	0.0753	231	1	100	10
4/12/2022	3:20 PM	0	0	0	0.004	64.3	64	51.9	63.6	11.76	0.0752	234	1	100	10
4/12/2022	3:30 PM	0	0	0	0.004	64.5	64	52	63.8	11.76	0.0752	233	1	100	10
4/12/2022	3:40 PM	0	0	0	0.003	64.6	64	52.1	63.9	11.76	0.0752	231	1	100	10
4/12/2022	3:50 PM	0	0	0	0.003	64.7	64	52.2	64	11.76	0.0751	233	1	100	10
4/12/2022	4:00 PM	0	0	0	0.003	64.8	64	52.3	64.1	11.75	0.0751	232	1	100	10
4/12/2022	4:10 PM	0	0	0	0.005	64.9	64	52.4	64.2	11.75	0.0751	234	1	100	10
4/12/2022	4:20 PM	0	0	0	0.011	65	64	52.5	64.3	11.75	0.075	233	1	100	10
4/12/2022	4:30 PM	0	0	0	0.019	65.2	64	52.7	64.6	11.75	0.075	233	1	100	10
4/12/2022	4:40 PM	0	0	0	0.023	65.4	64	52.9	64.8	11.74	0.0749	233	1	100	10
4/12/2022	4:50 PM	0	0	0	0.022	65.7	65	53.6	65.2	11.94	0.0749	234	1	100	10
4/12/2022	5:00 PM	0	0	0	0.02	66	65	53.9	65.6	11.93	0.0748	234	1	100	10
4/12/2022	5:10 PM	0	0	0	0.019	66.3	65	54.2	66	11.92	0.0748	233	1	100	10
4/12/2022	5:20 PM	0	0	0	0.018	66.5	64	53.9	66.1	11.72	0.0747	234	1	100	10
4/12/2022	5:30 PM	0	0	0	0.018	66.7	64	54.1	66.3	11.72	0.0747	233	1	100	10
4/12/2022	5:40 PM	0	0	0	0.019	66.9	64	54.3	66.6	11.71	0.0747	234	1	100	10
4/12/2022	5:50 PM	0	0	0	0.024	67	64	54.4	66.7	11.71	0.0746	234	1	100	10
4/12/2022	6:00 PM	0	0	0	0.023	67.4	65	55.2	67.2	11.9	0.0746	234	1	100	10
4/12/2022	6:10 PM	0	0	0	0.021	67.8	65	55.6	67.7	11.89	0.0745	232	1	100	10
4/12/2022	6:20 PM	0	0	0	0.019	68.2	65	56	68.1	11.89	0.0744	234	1	100	10
4/12/2022	6:30 PM	0	0	0	0.02	68.5	64	55.8	68.4	11.68	0.0744	235	1	100	10
4/12/2022	6:40 PM	0	0	0	0.024	68.8	64	56.1	68.7	11.67	0.0743	234	1	100	10
4/12/2022	6:50 PM	0	0	0	0.029	69.5	65	57.2	69.4	11.86	0.0742	233	1	100	10
4/12/2022	7:00 PM	0	0	0	0.029	70.5	65	58.2	70.4	11.85	0.074	232	1	100	10
4/12/2022	7:10 PM	0	0	0	0.025	71.7	65	59.3	71.8	11.85	0.0737	234	1	100	10
4/12/2022	7:20 PM	0	0	0	0.02	72.9	65	60.4	73.5	11.85	0.0735	232	1	100	10
4/12/2022	7:30 PM	0	0	0	0.015	73.7	64	60.8	74.4	11.65	0.0734	233	1	100	10
4/12/2022	7:40 PM	0	0	0	0.007	73.9	62	60.1	74.4	11.27	0.0734	235	1	100	10
4/12/2022	7:50 PM	0	0	0	0.003	73.8	61	59.5	74.2	11.1	0.0734	232	1	100	10
4/12/2022	8:00 PM	0	0	0.005	0	73.4	60	58.7	73.7	10.98	0.0735	232	1	100	10
4/12/2022	8:10 PM	0	0	0.014	0	72.8	60	58.1	72.9	10.99	0.0737	234	1	100	10
4/12/2022	8:20 PM	0	0	0.024	0	72.2	59	57.1	72.1	10.86	0.0738	234	1	100	10
4/12/2022	8:30 PM	0	0	0.031	0	71.5	59	56.4	71.2	10.89	0.0739	233	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/12/2022	8:40 PM	59.5	60.5	59.5	83	54.3	0	---	0	0	---	59.5	59.4	59.4	30.053
4/12/2022	8:50 PM	58.7	59.5	58.7	86	54.5	0	---	0	0	---	58.7	58.7	58.7	30.053
4/12/2022	9:00 PM	58	58.7	58	87	54.2	0	---	0	0	---	58	58	58	30.052
4/12/2022	9:10 PM	57.8	58	57.7	89	54.6	0	---	0	0	---	57.8	57.9	57.9	30.053
4/12/2022	9:20 PM	57.7	57.8	57.7	89	54.5	0	---	0	0	---	57.7	57.8	57.8	30.055
4/12/2022	9:30 PM	57.4	57.8	57.4	89	54.2	0	---	0	0	---	57.4	57.5	57.5	30.055
4/12/2022	9:40 PM	57.2	57.5	57.2	90	54.3	0	---	0	0	---	57.2	57.3	57.3	30.053
4/12/2022	9:50 PM	56.6	57.2	56.5	90	53.7	1	NE	0.17	3	NE	56.6	56.7	56.7	30.051
4/12/2022	10:00 PM	56.4	56.6	56.4	91	53.8	0	---	0	0	---	56.4	56.5	56.5	30.052
4/12/2022	10:10 PM	56.2	56.4	56.2	91	53.6	0	---	0	0	---	56.2	56.3	56.3	30.058
4/12/2022	10:20 PM	56	56.3	56	91	53.4	0	---	0	0	---	56	56.1	56.1	30.057
4/12/2022	10:30 PM	55.8	56	55.8	92	53.5	0	---	0	0	---	55.8	56	56	30.057
4/12/2022	10:40 PM	55.6	55.8	55.6	92	53.3	0	---	0	0	---	55.6	55.8	55.8	30.057
4/12/2022	10:50 PM	55.4	55.6	55.3	93	53.4	0	---	0	0	---	55.4	55.6	55.6	30.053
4/12/2022	11:00 PM	55.5	55.5	55.3	93	53.5	0	---	0	0	---	55.5	55.7	55.7	30.052
4/12/2022	11:10 PM	55.6	55.7	55.5	93	53.6	0	---	0	0	---	55.6	55.8	55.8	30.051
4/12/2022	11:20 PM	55.6	55.7	55.6	93	53.6	0	---	0	0	---	55.6	55.8	55.8	30.05
4/12/2022	11:30 PM	55.5	55.6	55.5	93	53.5	0	---	0	0	---	55.5	55.7	55.7	30.051
4/12/2022	11:40 PM	55.1	55.5	55	93	53.1	0	---	0	0	---	55.1	55.3	55.3	30.053
4/12/2022	11:50 PM	54.9	55.1	54.8	93	52.9	0	---	0	0	---	54.9	55.1	55.1	30.048
4/13/2022	12:00 AM	54.7	54.8	54.7	94	53	0	---	0	0	---	54.7	55	55	30.052
4/13/2022	12:10 AM	54.6	54.8	54.5	94	52.9	0	---	0	0	---	54.6	54.9	54.9	30.047
4/13/2022	12:20 AM	54.4	54.7	54.4	93	52.4	0	---	0	0	---	54.4	54.6	54.6	30.041
4/13/2022	12:30 AM	54.3	54.5	54.3	94	52.6	0	NE	0	2	NE	54.3	54.6	54.6	30.04
4/13/2022	12:40 AM	53.9	54.3	53.9	93	51.9	0	---	0	0	---	53.9	54.1	54.1	30.036
4/13/2022	12:50 AM	53.6	53.9	53.6	94	51.9	0	NE	0	2	NE	53.6	53.9	53.9	30.033
4/13/2022	1:00 AM	53.3	53.6	53.3	94	51.6	0	NE	0	3	NE	53.3	53.6	53.6	30.033
4/13/2022	1:10 AM	53.3	53.4	53.2	95	51.9	0	NE	0	2	NE	53.3	53.6	53.6	30.033
4/13/2022	1:20 AM	53.6	53.7	53.3	95	52.2	0	ENE	0	1	ENE	53.6	53.9	53.9	30.028
4/13/2022	1:30 AM	53.6	53.7	53.5	95	52.2	0	---	0	0	---	53.6	53.9	53.9	30.023
4/13/2022	1:40 AM	53.3	53.6	53.3	95	51.9	0	NE	0	2	NE	53.3	53.6	53.6	30.024
4/13/2022	1:50 AM	53.4	53.5	53.3	95	52	0	NE	0	2	NE	53.4	53.7	53.7	30.026
4/13/2022	2:00 AM	53.2	53.4	53.2	95	51.8	0	---	0	0	---	53.2	53.5	53.5	30.027
4/13/2022	2:10 AM	53.3	53.4	53.2	95	51.9	0	---	0	0	---	53.3	53.6	53.6	30.028
4/13/2022	2:20 AM	53.1	53.3	53.1	95	51.7	0	---	0	0	---	53.1	53.4	53.4	30.022
4/13/2022	2:30 AM	53.1	53.2	53	95	51.7	0	NE	0	2	NE	53.1	53.4	53.4	30.023
4/13/2022	2:40 AM	53.3	53.3	53.1	96	52.2	0	---	0	0	---	53.3	53.7	53.7	30.018
4/13/2022	2:50 AM	53.5	53.5	53.3	96	52.4	0	ENE	0	1	ENE	53.5	53.9	53.9	30.018
4/13/2022	3:00 AM	53.3	53.5	53.3	95	51.9	0	ENE	0	2	ENE	53.3	53.6	53.6	30.015
4/13/2022	3:10 AM	53.2	53.4	53.2	95	51.8	0	---	0	0	---	53.2	53.5	53.5	30.004
4/13/2022	3:20 AM	52.8	53.2	52.7	95	51.4	1	ENE	0.17	2	ENE	52.8	53.1	53.1	29.998
4/13/2022	3:30 AM	52.8	52.8	52.7	95	51.4	0	ENE	0	2	ENE	52.8	53.1	53.1	29.994
4/13/2022	3:40 AM	52.6	52.8	52.5	95	51.2	0	---	0	0	---	52.6	52.9	52.9	29.991
4/13/2022	3:50 AM	52.1	52.6	52.1	95	50.7	0	---	0	0	---	52.1	52.5	52.5	29.989

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/12/2022	8:40 PM	0	0	0.038	0	70.8	58	55.3	70.2	10.72	0.074	234	1	100	10
4/12/2022	8:50 PM	0	0	0.044	0	70.1	58	54.6	69.3	10.75	0.0742	233	1	100	10
4/12/2022	9:00 PM	0	0	0.049	0	69.4	58	54	68.7	10.75	0.0743	233	1	100	10
4/12/2022	9:10 PM	0	0	0.05	0	68.8	58	53.4	68.2	10.75	0.0744	233	1	100	10
4/12/2022	9:20 PM	0	0	0.051	0	68.1	58	52.8	67.4	10.75	0.0745	234	1	100	10
4/12/2022	9:30 PM	0	0	0.053	0	67.5	58	52.2	66.8	10.75	0.0746	233	1	100	10
4/12/2022	9:40 PM	0	0	0.054	0	67	58	51.7	66.2	10.75	0.0747	234	1	100	10
4/12/2022	9:50 PM	0	0	0.058	0	66.4	58	51.2	65.5	10.75	0.0748	234	1	100	10
4/12/2022	10:00 PM	0	0	0.06	0	65.9	58	50.7	64.9	10.75	0.0749	234	1	100	10
4/12/2022	10:10 PM	0	0	0.061	0	65.4	58	50.2	64.3	10.75	0.075	233	1	100	10
4/12/2022	10:20 PM	0	0	0.063	0	64.8	58	49.7	63.7	10.75	0.0751	233	1	100	10
4/12/2022	10:30 PM	0	0	0.064	0	64.4	58	49.3	63.2	10.75	0.0752	233	1	100	10
4/12/2022	10:40 PM	0	0	0.065	0	64	58	48.9	62.8	10.75	0.0752	234	1	100	10
4/12/2022	10:50 PM	0	0	0.067	0	63.5	58	48.5	62.2	10.75	0.0753	234	1	100	10
4/12/2022	11:00 PM	0	0	0.066	0	63.1	58	48.1	61.8	10.75	0.0754	235	1	100	10
4/12/2022	11:10 PM	0	0	0.065	0	62.7	59	48.2	61.4	10.95	0.0754	234	1	100	10
4/12/2022	11:20 PM	0	0	0.065	0	62.4	59	47.9	61.1	10.95	0.0755	233	1	100	10
4/12/2022	11:30 PM	0	0	0.066	0	62	59	47.5	60.6	10.95	0.0756	234	1	100	10
4/12/2022	11:40 PM	0	0	0.069	0	61.7	59	47.2	60.3	10.95	0.0756	234	1	100	10
4/12/2022	11:50 PM	0	0	0.07	0	61.4	59	46.9	60	10.95	0.0757	233	1	100	10
4/13/2022	12:00 AM	0	0	0.072	0	61	59	46.6	59.5	10.95	0.0757	233	1	100	10
4/13/2022	12:10 AM	0	0	0.072	0	60.8	59	46.4	59.3	10.95	0.0758	233	1	100	10
4/13/2022	12:20 AM	0	0	0.074	0	60.5	59	46.1	59	10.95	0.0758	234	1	100	10
4/13/2022	12:30 AM	0	0	0.074	0	60.2	59	45.8	58.7	10.95	0.0759	233	1	100	10
4/13/2022	12:40 AM	0	0	0.077	0	59.9	59	45.5	58.4	10.95	0.0759	234	1	100	10
4/13/2022	12:50 AM	0	0	0.079	0	59.7	59	45.3	58.2	10.95	0.0759	234	1	100	10
4/13/2022	1:00 AM	0	0	0.081	0	59.4	59	45.1	57.9	10.95	0.076	233	1	100	10
4/13/2022	1:10 AM	0	0	0.081	0	59.1	59	44.8	57.6	10.95	0.076	235	1	100	10
4/13/2022	1:20 AM	0	0	0.079	0	58.8	59	44.5	57.3	10.95	0.0761	234	1	100	10
4/13/2022	1:30 AM	0	0	0.079	0	58.6	59	44.3	57.1	10.95	0.0761	229	1	100	10
4/13/2022	1:40 AM	0	0	0.081	0	58.4	59	44.1	56.9	10.95	0.0761	234	1	100	10
4/13/2022	1:50 AM	0	0	0.081	0	58.2	59	43.9	56.7	10.95	0.0762	232	1	100	10
4/13/2022	2:00 AM	0	0	0.082	0	57.9	59	43.7	56.4	10.95	0.0762	233	1	100	10
4/13/2022	2:10 AM	0	0	0.081	0	57.7	60	43.9	56.3	11.1	0.0762	235	1	100	10
4/13/2022	2:20 AM	0	0	0.083	0	57.5	60	43.7	56.1	11.1	0.0763	233	1	100	10
4/13/2022	2:30 AM	0	0	0.083	0	57.3	60	43.5	55.9	11.1	0.0763	233	1	100	10
4/13/2022	2:40 AM	0	0	0.081	0	57.2	60	43.4	55.8	11.09	0.0763	233	1	100	10
4/13/2022	2:50 AM	0	0	0.08	0	56.9	60	43.2	55.5	11.09	0.0764	233	1	100	10
4/13/2022	3:00 AM	0	0	0.081	0	56.8	60	43.1	55.4	11.09	0.0764	234	1	100	10
4/13/2022	3:10 AM	0	0	0.082	0	56.6	60	42.9	55.2	11.08	0.0764	234	1	100	10
4/13/2022	3:20 AM	0	0	0.085	0	56.5	60	42.8	55.1	11.08	0.0764	235	1	100	10
4/13/2022	3:30 AM	0	0	0.085	0	56.3	60	42.6	54.9	11.08	0.0764	232	1	100	10
4/13/2022	3:40 AM	0	0	0.086	0	56.2	60	42.5	54.8	11.07	0.0764	233	1	100	10
4/13/2022	3:50 AM	0	0	0.09	0	56.1	60	42.4	54.7	11.07	0.0764	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/13/2022	4:00 AM	51.4	52.1	51.4	94	49.7	0	---	0	0	---	51.4	51.8	51.8	29.988
4/13/2022	4:10 AM	50.9	51.4	50.9	95	49.5	0	---	0	0	---	50.9	51.3	51.3	29.988
4/13/2022	4:20 AM	50.6	51	50.6	95	49.2	0	---	0	0	---	50.6	51	51	29.989
4/13/2022	4:30 AM	50.5	50.7	50.5	95	49.1	0	---	0	0	---	50.5	51	51	29.986
4/13/2022	4:40 AM	50	50.5	50	95	48.6	0	---	0	0	---	50	50.5	50.5	29.982
4/13/2022	4:50 AM	49.9	50.2	49.9	95	48.5	0	---	0	0	---	49.9	50.4	50.4	29.98
4/13/2022	5:00 AM	50.2	50.3	49.9	96	49.1	0	ENE	0	2	ENE	50.2	50.7	50.7	29.981
4/13/2022	5:10 AM	50.5	50.6	50.2	96	49.4	0	ENE	0	2	ENE	50.5	51	51	29.978
4/13/2022	5:20 AM	50.3	50.7	50.3	96	49.2	1	ENE	0.17	2	ENE	50.3	50.8	50.8	29.968
4/13/2022	5:30 AM	50.2	50.4	50.1	96	49.1	1	NE	0.17	3	NE	50.2	50.7	50.7	29.97
4/13/2022	5:40 AM	49.9	50.2	49.9	96	48.8	1	NE	0.17	2	NE	49.9	50.4	50.4	29.97
4/13/2022	5:50 AM	49.8	50	49.8	96	48.7	1	NE	0.17	2	NE	49.8	50.3	50.3	29.971
4/13/2022	6:00 AM	49.7	49.9	49.7	96	48.6	1	NE	0.17	2	NE	49.7	50.2	50.2	29.968
4/13/2022	6:10 AM	49.8	49.8	49.6	96	48.7	0	NE	0	2	NE	49.8	50.3	50.3	29.97
4/13/2022	6:20 AM	50	50	49.8	96	48.9	0	NE	0	2	NE	50	50.5	50.5	29.969
4/13/2022	6:30 AM	50.4	50.4	50	96	49.3	0	NE	0	2	NE	50.4	50.9	50.9	29.974
4/13/2022	6:40 AM	50.5	50.5	50.4	96	49.4	0	NE	0	2	NE	50.5	51	51	29.98
4/13/2022	6:50 AM	50.9	50.9	50.5	97	50.1	1	ENE	0.17	3	ENE	50.9	51.4	51.4	29.986
4/13/2022	7:00 AM	51.2	51.2	50.9	97	50.4	1	ENE	0.17	3	ENE	51.2	51.7	51.7	29.988
4/13/2022	7:10 AM	51.4	51.4	51.1	97	50.6	1	NE	0.17	2	NE	51.4	51.9	51.9	29.985
4/13/2022	7:20 AM	51.5	51.5	51.2	97	50.7	0	---	0	0	---	51.5	52	52	29.991
4/13/2022	7:30 AM	51.6	51.6	51.5	97	50.8	0	---	0	0	---	51.6	52.1	52.1	29.994
4/13/2022	7:40 AM	51.8	51.8	51.6	96	50.7	0	NE	0	2	NE	51.8	52.2	52.2	29.996
4/13/2022	7:50 AM	52.2	52.2	51.8	97	51.4	1	NE	0.17	2	NE	52.2	52.7	52.7	30.004
4/13/2022	8:00 AM	52.6	52.6	52.2	97	51.8	0	NNE	0	3	NNE	52.6	53	53	30.004
4/13/2022	8:10 AM	53.2	53.2	52.6	97	52.4	1	NE	0.17	3	NNE	53.2	53.6	53.6	30.008
4/13/2022	8:20 AM	54.1	54.1	53.2	96	53	1	NE	0.17	2	NE	54.1	54.5	54.5	30.003
4/13/2022	8:30 AM	55	55	54.1	96	53.9	0	ENE	0	2	NE	55	55.4	55.4	30.007
4/13/2022	8:40 AM	55.8	55.8	55	96	54.7	0	ENE	0	2	ENE	55.8	56.2	56.2	30.012
4/13/2022	8:50 AM	56.6	56.6	55.8	94	54.9	0	ENE	0	1	ENE	56.6	56.9	56.9	30.007
4/13/2022	9:00 AM	57.9	57.9	56.7	91	55.3	1	ENE	0.17	2	ENE	57.9	58.1	58.1	30.009
4/13/2022	9:10 AM	58.9	58.9	57.9	89	55.7	0	ENE	0	2	ENE	58.9	59	59	30.014
4/13/2022	9:20 AM	59.6	59.6	58.9	88	56	0	NE	0	3	NE	59.6	59.7	59.7	30.013
4/13/2022	9:30 AM	59.9	59.9	59.5	88	56.3	0	N	0	2	N	59.9	60.1	60.1	30.027
4/13/2022	9:40 AM	60	60	59.8	86	55.8	0	NNE	0	2	NNE	60	60.1	60.1	30.037
4/13/2022	9:50 AM	59.9	60.1	59.9	88	56.3	1	W	0.17	2	NW	59.9	60.1	60.1	30.056
4/13/2022	10:00 AM	59.7	60	59.7	90	56.8	1	ESE	0.17	3	ESE	59.7	60	60	30.045
4/13/2022	10:10 AM	59	59.7	59	92	56.7	1	E	0.17	2	ESE	59	59.3	59.3	30.023
4/13/2022	10:20 AM	59	59	58.9	92	56.7	1	SE	0.17	4	SE	59	59.3	59.3	30.024
4/13/2022	10:30 AM	59.5	59.5	59	93	57.5	1	SE	0.17	3	SE	59.5	59.9	59.9	30.02
4/13/2022	10:40 AM	60.6	60.6	59.5	92	58.3	0	NE	0	2	SE	60.6	61.1	61.1	30.002
4/13/2022	10:50 AM	62.2	62.2	60.6	91	59.5	2	WSW	0.33	6	W	62.2	62.9	62.9	30.028
4/13/2022	11:00 AM	63.9	63.9	62.2	85	59.3	2	WNW	0.33	6	W	63.9	64.4	64.4	30.036
4/13/2022	11:10 AM	65.2	65.2	63.9	78	58.2	1	SW	0.17	4	SW	65.2	65.6	65.6	30.034

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/13/2022	4:00 AM	0	0	0.094	0	55.9	60	42.2	54.5	11.07	0.0765	233	1	100	10
4/13/2022	4:10 AM	0	0	0.098	0	55.7	60	42	54.3	11.06	0.0765	233	1	100	10
4/13/2022	4:20 AM	0	0	0.1	0	55.6	60	41.9	54.2	11.06	0.0765	235	1	100	10
4/13/2022	4:30 AM	0	0	0.101	0	55.4	60	41.7	54.1	11.06	0.0765	232	1	100	10
4/13/2022	4:40 AM	0	0	0.104	0	55.3	60	41.6	54	11.06	0.0765	233	1	100	10
4/13/2022	4:50 AM	0	0	0.105	0	55.1	60	41.5	53.8	11.05	0.0766	233	1	100	10
4/13/2022	5:00 AM	0	0	0.103	0	54.9	60	41.3	53.6	11.05	0.0766	234	1	100	10
4/13/2022	5:10 AM	0	0	0.101	0	54.8	60	41.2	53.5	11.05	0.0766	231	1	100	10
4/13/2022	5:20 AM	0	0	0.102	0	54.6	60	41	53.3	11.06	0.0766	231	1	100	10
4/13/2022	5:30 AM	0	0	0.103	0	54.4	60	40.8	53.1	11.06	0.0767	234	1	100	10
4/13/2022	5:40 AM	0	0	0.105	0	54.3	60	40.7	53	11.06	0.0767	233	1	100	10
4/13/2022	5:50 AM	0	0	0.106	0	54.1	60	40.5	52.8	11.07	0.0767	232	1	100	10
4/13/2022	6:00 AM	0	0	0.106	0	54	60	40.4	52.7	11.07	0.0767	234	1	100	10
4/13/2022	6:10 AM	0	0	0.106	0	53.9	60	40.3	52.6	11.07	0.0768	234	1	100	10
4/13/2022	6:20 AM	0	0	0.104	0	53.7	60	40.1	52.4	11.08	0.0768	234	1	100	10
4/13/2022	6:30 AM	0	0	0.101	0	53.7	60	40.1	52.4	11.08	0.0768	233	1	100	10
4/13/2022	6:40 AM	0	0	0.101	0	53.6	60	40	52.3	11.08	0.0768	232	1	100	10
4/13/2022	6:50 AM	0	0	0.098	0	53.5	60	39.9	52.3	11.08	0.0769	231	1	100	10
4/13/2022	7:00 AM	0	0	0.096	0	53.4	60	39.9	52.2	11.08	0.0769	232	1	100	10
4/13/2022	7:10 AM	0	0	0.094	0	53.3	60	39.8	52.1	11.08	0.0769	233	1	100	10
4/13/2022	7:20 AM	0	0	0.094	0	53.3	60	39.8	52.1	11.08	0.0769	233	1	100	10
4/13/2022	7:30 AM	0	0	0.093	0	53.2	61	40.1	52	11.29	0.0769	234	1	100	10
4/13/2022	7:40 AM	0	0	0.092	0	53.2	61	40.1	52	11.29	0.0769	235	1	100	10
4/13/2022	7:50 AM	0	0	0.089	0	53.2	61	40.1	52	11.29	0.077	233	1	100	10
4/13/2022	8:00 AM	0	0	0.086	0	53.2	61	40.1	52	11.29	0.077	232	1	100	10
4/13/2022	8:10 AM	0	0	0.082	0	53.2	61	40.1	52	11.29	0.077	233	1	100	10
4/13/2022	8:20 AM	0	0	0.076	0	53.3	61	40.2	52.1	11.28	0.0769	233	1	100	10
4/13/2022	8:30 AM	0	0	0.069	0	53.4	61	40.3	52.2	11.28	0.0769	234	1	100	10
4/13/2022	8:40 AM	0	0	0.064	0	53.5	61	40.4	52.3	11.28	0.0769	235	1	100	10
4/13/2022	8:50 AM	0	0	0.058	0	53.7	61	40.6	52.5	11.28	0.0769	234	1	100	10
4/13/2022	9:00 AM	0	0	0.049	0	53.9	62	41.2	52.7	11.55	0.0768	233	1	100	10
4/13/2022	9:10 AM	0	0	0.042	0	54.1	62	41.4	52.9	11.55	0.0768	232	1	100	10
4/13/2022	9:20 AM	0	0	0.038	0	54.4	62	41.6	53.2	11.55	0.0768	234	1	100	10
4/13/2022	9:30 AM	0	0	0.035	0	54.8	62	42	53.6	11.55	0.0767	233	1	100	10
4/13/2022	9:40 AM	0	0	0.035	0	55.1	63	42.7	53.9	11.75	0.0767	233	1	100	10
4/13/2022	9:50 AM	0	0	0.035	0	55.4	63	43	54.2	11.74	0.0767	235	1	100	10
4/13/2022	10:00 AM	0.02	0.15	0.037	0	55.7	63	43.3	54.5	11.74	0.0766	234	1	100	10
4/13/2022	10:10 AM	0	0.05	0.042	0	55.9	63	43.5	54.7	11.73	0.0765	234	1	100	10
4/13/2022	10:20 AM	0	0	0.042	0	56.1	63	43.7	54.9	11.73	0.0765	232	1	100	10
4/13/2022	10:30 AM	0.01	0	0.038	0	56.3	63	43.9	55.1	11.72	0.0764	233	1	100	10
4/13/2022	10:40 AM	0	0	0.031	0	56.5	63	44	55.3	11.72	0.0763	234	1	100	10
4/13/2022	10:50 AM	0	0	0.019	0	56.7	63	44.2	55.5	11.72	0.0764	234	1	100	10
4/13/2022	11:00 AM	0	0	0.008	0	57.1	64	45	55.9	11.97	0.0763	235	1	100	10
4/13/2022	11:10 AM	0	0	0	0.001	57.5	64	45.4	56.3	11.95	0.0762	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/13/2022	11:20 AM	66.1	66.1	65.2	77	58.7	2	WSW	0.33	4	W	66.1	66.6	66.6	30.036
4/13/2022	11:30 AM	67.1	67.1	66.1	71	57.4	2	SW	0.33	5	SSE	67.1	67.3	67.3	30.03
4/13/2022	11:40 AM	68.1	68.1	67.1	70	57.9	2	W	0.33	6	W	68.1	68.4	68.4	30.026
4/13/2022	11:50 AM	68.3	68.3	68.1	67	56.9	3	W	0.5	7	WSW	68.3	68.4	68.4	30.014
4/13/2022	12:00 PM	68.4	68.4	68.3	66	56.6	2	W	0.33	7	W	68.4	68.4	68.4	30.008
4/13/2022	12:10 PM	68.6	68.7	68.3	64	55.9	3	W	0.5	8	WSW	68.6	68.5	68.5	29.997
4/13/2022	12:20 PM	69.7	69.7	68.7	56	53.3	3	WSW	0.5	11	W	69.7	68.7	68.7	29.989
4/13/2022	12:30 PM	71.3	71.4	69.7	53	53.3	2	W	0.33	11	WSW	71.3	70.4	70.4	29.971
4/13/2022	12:40 PM	72.4	72.4	71.4	53	54.3	4	W	0.67	10	W	72.4	71.9	71.9	29.97
4/13/2022	12:50 PM	73.9	73.9	72.5	49	53.5	5	W	0.83	12	WNW	73.9	73.6	73.6	29.958
4/13/2022	1:00 PM	74	74.3	73.9	49	53.6	6	W	1	12	W	74	73.7	73.7	29.952
4/13/2022	1:10 PM	74.8	74.8	74	46	52.6	4	W	0.67	11	SW	74.8	74.3	74.3	29.953
4/13/2022	1:20 PM	76.1	76.1	74.9	44	52.6	4	W	0.67	12	SSE	76.1	75.4	75.4	29.944
4/13/2022	1:30 PM	76.2	76.2	76	47	54.5	6	W	1	13	W	76.2	75.8	75.8	29.934
4/13/2022	1:40 PM	75.8	76.4	75.8	47	54.1	6	WSW	1	15	WNW	75.8	75.4	75.4	29.93
4/13/2022	1:50 PM	74.9	75.8	74.7	45	52.1	6	W	1	17	WNW	74.9	74.3	74.3	29.926
4/13/2022	2:00 PM	74.7	74.9	74.7	47	53.1	5	W	0.83	12	W	74.7	74.3	74.3	29.917
4/13/2022	2:10 PM	75.2	75.2	74.7	49	54.7	6	W	1	14	W	75.2	75	75	29.91
4/13/2022	2:20 PM	75.4	75.5	75.2	45	52.6	6	W	1	20	WSW	75.4	74.8	74.8	29.903
4/13/2022	2:30 PM	75.5	75.5	75.3	45	52.7	5	W	0.83	20	WSW	75.5	74.9	74.9	29.892
4/13/2022	2:40 PM	75.3	75.5	75.3	46	53.1	4	WSW	0.67	9	SW	75.3	74.8	74.8	29.885
4/13/2022	2:50 PM	75.1	75.3	75	44	51.7	5	WSW	0.83	11	W	75.1	74.4	74.4	29.877
4/13/2022	3:00 PM	76	76	75.1	43	51.9	5	WSW	0.83	16	WSW	76	75.2	75.2	29.874
4/13/2022	3:10 PM	76.7	76.7	76	45	53.8	4	W	0.67	13	WNW	76.7	76.1	76.1	29.868
4/13/2022	3:20 PM	76.9	76.9	76.7	42	52.1	3	SW	0.5	15	W	76.9	76	76	29.86

ATTACHMENT 6
WEATHER STATION DATA - APRIL 11- 13, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/13/2022	11:20 AM	0	0	0	0.008	57.9	64	45.8	56.7	11.93	0.0762	233	1	100	10
4/13/2022	11:30 AM	0	0	0	0.015	58.5	65	46.8	57.4	12.11	0.076	232	1	100	10
4/13/2022	11:40 AM	0	0	0	0.022	59	65	47.2	57.9	12.09	0.0759	232	1	100	10
4/13/2022	11:50 AM	0	0	0	0.023	59.5	65	47.7	58.4	12.07	0.0758	234	1	100	10
4/13/2022	12:00 PM	0	0	0	0.024	60.1	65	48.3	59	12.05	0.0757	235	1	100	10
4/13/2022	12:10 PM	0	0	0	0.025	60.6	66	49.2	59.6	12.33	0.0756	233	1	100	10
4/13/2022	12:20 PM	0	0	0	0.033	61.1	66	49.7	60.2	12.31	0.0755	234	1	100	10
4/13/2022	12:30 PM	0	0	0	0.044	61.5	66	50	60.6	12.29	0.0754	234	1	100	10
4/13/2022	12:40 PM	0	0	0	0.051	62	66	50.5	61.1	12.27	0.0753	234	1	100	10
4/13/2022	12:50 PM	0	0	0	0.062	62.6	66	51.1	61.8	12.25	0.0751	232	1	100	10
4/13/2022	1:00 PM	0	0	0	0.063	63.1	66	51.6	62.4	12.23	0.075	233	1	100	10
4/13/2022	1:10 PM	0	0	0	0.068	63.7	66	52.1	63	12.2	0.0749	235	1	100	10
4/13/2022	1:20 PM	0	0	0	0.077	64.3	66	52.7	63.7	12.18	0.0748	234	1	100	10
4/13/2022	1:30 PM	0	0	0	0.078	64.9	66	53.3	64.3	12.15	0.0747	234	1	100	10
4/13/2022	1:40 PM	0	0	0	0.075	65.5	66	53.8	65.1	12.15	0.0745	233	1	100	10
4/13/2022	1:50 PM	0	0	0	0.069	66.1	66	54.4	65.8	12.15	0.0744	234	1	100	10
4/13/2022	2:00 PM	0	0	0	0.067	66.7	65	54.6	66.4	11.92	0.0743	233	1	100	10
4/13/2022	2:10 PM	0	0	0	0.071	67.1	65	54.9	66.9	11.91	0.0742	232	1	100	10
4/13/2022	2:20 PM	0	0	0	0.072	67.6	65	55.4	67.5	11.9	0.0741	234	1	100	10
4/13/2022	2:30 PM	0	0	0	0.073	68	64	55.4	67.8	11.69	0.074	234	1	100	10
4/13/2022	2:40 PM	0	0	0	0.072	68.5	64	55.8	68.4	11.68	0.0739	233	1	100	10
4/13/2022	2:50 PM	0	0	0	0.07	68.8	64	56.1	68.7	11.67	0.0738	234	1	100	10
4/13/2022	3:00 PM	0	0	0	0.076	69.2	64	56.5	69.1	11.67	0.0738	233	1	100	10
4/13/2022	3:10 PM	0	0	0	0.081	69.6	63	56.4	69.3	11.56	0.0737	233	1	100	10
4/13/2022	3:20 PM	0	0	0	0.083	70	63	56.8	69.6	11.55	0.0736	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - APRIL 19-20, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/19/2022	12:10 AM	41.5	41.6	41.5	71	32.8	3	W	0.5	8	W	40.1	40.9	39.5	30.049
4/19/2022	12:20 AM	41.3	41.5	41.3	70	32.2	3	WNW	0.5	8	N	39.8	40.7	39.2	30.047
4/19/2022	12:30 AM	41.2	41.3	41.2	69	31.8	2	NW	0.33	7	WNW	41.1	40.6	40.5	30.045
4/19/2022	12:40 AM	41.2	41.3	41.1	69	31.8	4	W	0.67	8	W	38.7	40.6	38.1	30.049
4/19/2022	12:50 AM	41.1	41.2	41.1	70	32.1	3	NW	0.5	10	WSW	39.6	40.5	39	30.045
4/19/2022	1:00 AM	41	41.1	41	68	31.2	3	WNW	0.5	11	W	39.5	40.4	38.9	30.043
4/19/2022	1:10 AM	40.7	41	40.7	69	31.3	2	WNW	0.33	7	WSW	40.6	40.1	40	30.045
4/19/2022	1:20 AM	40.6	40.7	40.6	70	31.6	3	W	0.5	9	W	39.1	40	38.5	30.044
4/19/2022	1:30 AM	40.4	40.6	40.4	70	31.4	4	W	0.67	12	W	37.8	39.8	37.2	30.043
4/19/2022	1:40 AM	39.9	40.4	39.9	73	31.9	3	W	0.5	12	W	38.3	39.4	37.8	30.047
4/19/2022	1:50 AM	39.5	40	39.5	75	32.2	3	W	0.5	8	W	37.8	39	37.3	30.045
4/19/2022	2:00 AM	39.3	39.5	39.3	74	31.7	3	WNW	0.5	8	W	37.6	38.8	37.1	30.044
4/19/2022	2:10 AM	39	39.3	39	76	32.1	3	W	0.5	7	W	37.2	38.6	36.8	30.043
4/19/2022	2:20 AM	38.5	38.9	38.4	77	31.9	3	W	0.5	7	W	36.7	38.1	36.3	30.041
4/19/2022	2:30 AM	38.1	38.5	38.1	77	31.5	2	WSW	0.33	7	W	37.7	37.7	37.3	30.041
4/19/2022	2:40 AM	38.1	38.2	38	77	31.5	3	W	0.5	8	WSW	36.2	37.7	35.8	30.04
4/19/2022	2:50 AM	37.9	38	37.8	77	31.3	2	W	0.33	8	WNW	37.5	37.5	37.1	30.039
4/19/2022	3:00 AM	37.6	37.9	37.5	78	31.4	3	W	0.5	8	W	35.7	37.3	35.4	30.037
4/19/2022	3:10 AM	37.8	37.8	37.5	76	30.9	3	W	0.5	9	W	35.9	37.4	35.5	30.038
4/19/2022	3:20 AM	37.7	37.9	37.7	76	30.8	3	W	0.5	8	W	35.8	37.3	35.4	30.034
4/19/2022	3:30 AM	37.3	37.7	37.3	77	30.7	2	WSW	0.33	8	NW	36.8	36.9	36.4	30.03
4/19/2022	3:40 AM	36.9	37.3	36.9	77	30.4	3	W	0.5	7	SSW	34.9	36.5	34.5	30.03
4/19/2022	3:50 AM	36.7	36.9	36.7	78	30.5	3	W	0.5	8	WSW	34.6	36.4	34.3	30.035
4/19/2022	4:00 AM	37	37	36.7	78	30.8	3	W	0.5	9	W	35	36.7	34.7	30.037
4/19/2022	4:10 AM	37.4	37.4	37	77	30.8	5	W	0.83	13	WNW	33.4	37	33	30.04
4/19/2022	4:20 AM	37.3	37.4	37.3	79	31.4	4	NNW	0.67	12	NNW	34.2	37	33.9	30.058
4/19/2022	4:30 AM	34.7	37.3	34.7	85	30.7	4	N	0.67	12	NW	31.2	34.5	31	30.069
4/19/2022	4:40 AM	33.7	34.7	33.7	87	30.2	3	NW	0.5	8	WNW	31.2	33.5	31	30.071
4/19/2022	4:50 AM	33.6	33.8	33.6	88	30.4	2	WNW	0.33	8	W	32.7	33.4	32.5	30.066
4/19/2022	5:00 AM	33.9	33.9	33.6	88	30.7	3	WNW	0.5	7	WNW	31.5	33.7	31.3	30.066
4/19/2022	5:10 AM	34	34	33.9	86	30.3	2	WSW	0.33	10	WSW	33.2	33.7	32.9	30.07
4/19/2022	5:20 AM	34.1	34.1	34	84	29.8	2	WNW	0.33	4	NW	33.3	33.8	33	30.073
4/19/2022	5:30 AM	34	34.1	34	83	29.4	2	W	0.33	6	NW	33.2	33.7	32.9	30.077
4/19/2022	5:40 AM	33.7	34	33.7	82	28.8	1	W	0.17	5	SW	33.7	33.4	33.4	30.085
4/19/2022	5:50 AM	33.6	33.7	33.5	81	28.4	2	WNW	0.33	5	SW	32.7	33.3	32.4	30.084
4/19/2022	6:00 AM	33.5	33.6	33.5	79	27.7	2	W	0.33	10	NW	32.6	33.1	32.2	30.089
4/19/2022	6:10 AM	33.6	33.7	33.5	78	27.5	3	WNW	0.5	9	W	31.1	33.2	30.7	30.092
4/19/2022	6:20 AM	33.7	33.7	33.5	75	26.6	3	W	0.5	7	W	31.2	33.2	30.7	30.091
4/19/2022	6:30 AM	33.9	33.9	33.7	73	26.2	3	WSW	0.5	8	W	31.5	33.4	31	30.094
4/19/2022	6:40 AM	33.8	33.9	33.7	71	25.4	2	W	0.33	6	W	32.9	33.3	32.4	30.098
4/19/2022	6:50 AM	33.9	33.9	33.7	71	25.5	2	WNW	0.33	7	NW	33.1	33.4	32.6	30.106
4/19/2022	7:00 AM	34.1	34.2	33.9	69	25	3	W	0.5	8	NNW	31.7	33.6	31.2	30.105
4/19/2022	7:10 AM	34.6	34.6	34.2	67	24.8	4	W	0.67	11	WSW	31.1	34	30.5	30.112
4/19/2022	7:20 AM	34.8	34.8	34.6	68	25.3	3	W	0.5	8	WSW	32.5	34.3	32	30.115
4/19/2022	7:30 AM	35.1	35.1	34.8	66	24.9	4	WNW	0.67	8	WNW	31.7	34.5	31.1	30.119
4/19/2022	7:40 AM	35.5	35.5	35.1	65	24.9	4	WNW	0.67	15	W	32.1	34.8	31.4	30.123
4/19/2022	7:50 AM	35.8	35.8	35.5	64	24.8	4	NW	0.67	9	WNW	32.5	35.1	31.8	30.128

ATTACHMENT 6
WEATHER STATION DATA - APRIL 19-20, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/19/2022	12:10 AM	0	0	0.163	0	45 8	65	34.7	45.1	12.23	0.0783	232	1	100	10
4/19/2022	12:20 AM	0	0	0.165	0	45 6	65	34.5	44.9	12.24	0.0783	233	1	100	10
4/19/2022	12:30 AM	0	0	0.165	0	45.4	65	34.3	44.7	12.24	0.0784	234	1	100	10
4/19/2022	12:40 AM	0	0	0.165	0	45 3	65	34.2	44.6	12.24	0.0784	231	1	100	10
4/19/2022	12:50 AM	0	0	0.166	0	45 2	64	33.7	44.5	12.05	0.0784	232	1	100	10
4/19/2022	1:00 AM	0	0	0.167	0	45.1	64	33.6	44.4	12.05	0.0784	232	1	100	10
4/19/2022	1:10 AM	0	0	0.169	0	45	64	33.5	44.3	12.05	0.0785	234	1	100	10
4/19/2022	1:20 AM	0	0	0.169	0	44 8	64	33.4	44.1	12.05	0.0785	232	1	100	10
4/19/2022	1:30 AM	0	0	0.171	0	44.7	64	33.3	44	12.06	0.0785	233	1	100	10
4/19/2022	1:40 AM	0	0	0.174	0	44 6	64	33.2	43.9	12.06	0.0785	234	1	100	10
4/19/2022	1:50 AM	0	0	0.177	0	44.5	64	33.1	43.8	12.06	0.0785	233	1	100	10
4/19/2022	2:00 AM	0	0	0.178	0	44 3	64	32.9	43.6	12.06	0.0786	234	1	100	10
4/19/2022	2:10 AM	0	0	0.181	0	44 2	63	32.4	43.5	11.85	0.0786	235	1	100	10
4/19/2022	2:20 AM	0	0	0.184	0	44	63	32.2	43.3	11.85	0.0786	234	1	100	10
4/19/2022	2:30 AM	0	0	0.187	0	43 9	63	32.1	43.2	11.85	0.0786	231	1	100	10
4/19/2022	2:40 AM	0	0	0.187	0	43.7	63	31.9	43	11.85	0.0787	233	1	100	10
4/19/2022	2:50 AM	0	0	0.188	0	43 6	63	31.8	42.9	11.85	0.0787	234	1	100	10
4/19/2022	3:00 AM	0	0	0.19	0	43.4	63	31.6	42.7	11.85	0.0787	232	1	100	10
4/19/2022	3:10 AM	0	0	0.189	0	43 3	63	31.5	42.6	11.85	0.0787	235	1	100	10
4/19/2022	3:20 AM	0	0	0.19	0	43.1	63	31.4	42.4	11.85	0.0788	234	1	100	10
4/19/2022	3:30 AM	0	0	0.192	0	43	63	31.3	42.3	11.85	0.0788	234	1	100	10
4/19/2022	3:40 AM	0	0	0.195	0	42 9	63	31.2	42.2	11.85	0.0788	233	1	100	10
4/19/2022	3:50 AM	0	0	0.197	0	42.7	63	31	42	11.85	0.0788	234	1	100	10
4/19/2022	4:00 AM	0	0	0.194	0	42.5	63	30.8	41.8	11.85	0.0789	234	1	100	10
4/19/2022	4:10 AM	0	0	0.192	0	42.4	63	30.7	41.7	11.85	0.0789	233	1	100	10
4/19/2022	4:20 AM	0	0	0.192	0	42 2	63	30.5	41.5	11.85	0.079	234	1	100	10
4/19/2022	4:30 AM	0	0	0.21	0	42.1	63	30.4	41.4	11.85	0.079	234	1	100	10
4/19/2022	4:40 AM	0	0	0.217	0	41 9	63	30.2	41.2	11.85	0.0791	233	1	100	10
4/19/2022	4:50 AM	0	0	0.218	0	41 6	63	29.9	40.9	11.85	0.0791	233	1	100	10
4/19/2022	5:00 AM	0	0	0.216	0	41 3	63	29.6	40.6	11.85	0.0792	234	1	100	10
4/19/2022	5:10 AM	0	0	0.215	0	41.1	63	29.5	40.4	11.85	0.0792	233	1	100	10
4/19/2022	5:20 AM	0	0	0.215	0	40 9	63	29.3	40.2	11.85	0.0793	234	1	100	10
4/19/2022	5:30 AM	0	0	0.215	0	40.7	63	29.1	40	11.85	0.0793	233	1	100	10
4/19/2022	5:40 AM	0	0	0.217	0	40.5	63	28.9	39.8	11.85	0.0794	234	1	100	10
4/19/2022	5:50 AM	0	0	0.218	0	40 3	63	28.7	39.6	11.85	0.0794	234	1	100	10
4/19/2022	6:00 AM	0	0	0.219	0	40.1	63	28.5	39.4	11.85	0.0794	233	1	100	10
4/19/2022	6:10 AM	0	0	0.218	0	39 9	63	28.3	39.2	11.85	0.0795	233	1	100	10
4/19/2022	6:20 AM	0	0	0.217	0	39 8	63	28.2	39.1	11.85	0.0795	234	1	100	10
4/19/2022	6:30 AM	0	0	0.216	0	39 6	63	28	38.9	11.86	0.0795	234	1	100	10
4/19/2022	6:40 AM	0	0	0.217	0	39.4	63	27.8	38.7	11.86	0.0796	233	1	100	10
4/19/2022	6:50 AM	0	0	0.216	0	39 3	63	27.7	38.6	11.86	0.0796	233	1	100	10
4/19/2022	7:00 AM	0	0	0.215	0	39.1	63	27.6	38.4	11.87	0.0797	233	1	100	10
4/19/2022	7:10 AM	0	0	0.211	0	39	63	27.5	38.3	11.87	0.0797	233	1	100	10
4/19/2022	7:20 AM	0	0	0.21	0	38 9	63	27.4	38.2	11.87	0.0797	234	1	100	10
4/19/2022	7:30 AM	0	0	0.208	0	38 8	63	27.3	38.1	11.87	0.0797	233	1	100	10
4/19/2022	7:40 AM	0	0	0.205	0	38.7	62	26.8	37.9	11.68	0.0798	234	1	100	10
4/19/2022	7:50 AM	0	0	0.203	0	38.7	62	26.8	37.9	11.68	0.0798	231	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - APRIL 19-20, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/19/2022	8:00 AM	35.7	35.8	35.7	65	25.1	4	W	0.67	13	NW	32.4	35	31.7	30.134
4/19/2022	8:10 AM	35.8	35.8	35.7	65	25.2	3	W	0.5	9	N	33.6	35.1	32.9	30.135
4/19/2022	8:20 AM	36	36	35.8	66	25.7	3	NW	0.5	8	WSW	33.8	35.3	33.1	30.138
4/19/2022	8:30 AM	36.2	36.2	36	66	25.9	3	W	0.5	10	WNW	34.1	35.5	33.4	30.138
4/19/2022	8:40 AM	36.4	36.4	36.1	66	26.1	3	NW	0.5	8	NW	34.3	35.7	33.6	30.14
4/19/2022	8:50 AM	36.4	36.5	36.3	67	26.5	3	WNW	0.5	10	WNW	34.3	35.7	33.6	30.139
4/19/2022	9:00 AM	36.7	36.7	36.5	65	26	3	W	0.5	10	WSW	34.6	36	33.9	30.141
4/19/2022	9:10 AM	37	37	36.7	63	25.6	4	W	0.67	11	NNW	33.9	36.3	33.2	30.143
4/19/2022	9:20 AM	37.7	37.7	37	62	25.8	6	W	1	12	WNW	33	36.9	32.2	30.144
4/19/2022	9:30 AM	38.2	38.3	37.7	58	24.7	5	W	0.83	13	W	34.4	37.4	33.6	30.144
4/19/2022	9:40 AM	38.6	38.6	37.9	61	26.3	5	W	0.83	13	W	34.8	37.8	34	30.15
4/19/2022	9:50 AM	38.2	38.7	38.1	57	24.3	6	WSW	1	15	WSW	33.6	37.3	32.7	30.161
4/19/2022	10:00 AM	38.8	38.8	38	59	25.7	5	W	0.83	11	NW	35.1	38	34.3	30.159
4/19/2022	10:10 AM	38.5	39	38.4	57	24.6	5	W	0.83	14	WSW	34.7	37.6	33.8	30.16
4/19/2022	10:20 AM	38.9	38.9	38.4	59	25.8	4	WNW	0.67	12	W	36	38.1	35.2	30.166
4/19/2022	10:30 AM	40.3	40.3	39	57	26.3	5	N	0.83	11	WNW	36.8	39.4	35.9	30.162
4/19/2022	10:40 AM	39.9	40.3	39.7	59	26.7	4	W	0.67	11	WSW	37.2	39.1	36.4	30.167
4/19/2022	10:50 AM	39.9	40.9	39.9	55	25	5	N	0.83	11	WSW	36.4	38.9	35.4	30.173
4/19/2022	11:00 AM	39.7	39.9	39.5	55	24.8	4	WSW	0.67	11	NNE	37	38.7	36	30.17
4/19/2022	11:10 AM	40	40	39.7	57	26	4	W	0.67	15	W	37.3	39.1	36.4	30.18
4/19/2022	11:20 AM	40.7	40.7	39.9	53	24.9	4	W	0.67	10	W	38.1	39.7	37.1	30.178
4/19/2022	11:30 AM	41.4	41.4	40.7	52	25.1	4	W	0.67	10	W	38.9	40.3	37.8	30.178
4/19/2022	11:40 AM	42.4	42.4	41.4	51	25.5	5	W	0.83	12	NNW	39.3	41.3	38.2	30.182
4/19/2022	11:50 AM	43.4	43.4	42.4	55	28.3	3	W	0.5	8	WNW	42.2	42.4	41.2	30.18
4/19/2022	12:00 PM	43.2	44.1	43.2	52	26.7	5	WSW	0.83	12	W	40.2	42.1	39.1	30.179
4/19/2022	12:10 PM	43.6	43.9	43	48	25.2	3	W	0.5	10	NW	42.5	42.4	41.3	30.182
4/19/2022	12:20 PM	43.1	43.6	43.1	50	25.7	5	WSW	0.83	13	W	40.1	42	39	30.18
4/19/2022	12:30 PM	44	44	43	50	26.5	4	NW	0.67	10	NNW	41.9	42.9	40.8	30.178
4/19/2022	12:40 PM	45.4	45.4	44.1	58	31.5	5	W	0.83	15	SW	42.8	44.5	41.9	30.177
4/19/2022	12:50 PM	44.9	45.7	44.9	52	28.3	5	W	0.83	12	W	42.2	43.8	41.1	30.175
4/19/2022	1:00 PM	45.6	45.7	44.9	50	28	4	W	0.67	9	WNW	43.8	44.5	42.7	30.179
4/19/2022	1:10 PM	45.8	45.9	45.6	48	27.2	4	NW	0.67	13	NW	44	44.6	42.8	30.174
4/19/2022	1:20 PM	46.7	47.1	45.9	47	27.5	5	N	0.83	13	N	44.3	45.5	43.1	30.176
4/19/2022	1:30 PM	46.3	46.7	46.2	49	28.2	5	W	0.83	14	NNW	43.9	45.1	42.7	30.18
4/19/2022	1:40 PM	47.3	47.4	46.2	47	28.1	4	W	0.67	10	WNW	45.8	46	44.5	30.178
4/19/2022	1:50 PM	47.7	47.7	47	51	30.4	4	W	0.67	9	NNE	46.2	46.5	45	30.175
4/19/2022	2:00 PM	48	48	47.7	46	28.2	5	WSW	0.83	10	WSW	45.9	46.7	44.6	30.173
4/19/2022	2:10 PM	48	48.1	47.5	56	33	4	NW	0.67	14	WSW	46.6	47	45.6	30.17
4/19/2022	2:20 PM	48.2	48.5	48	47	28.9	4	WNW	0.67	14	WNW	46.8	46.9	45.5	30.175
4/19/2022	2:30 PM	48.9	48.9	48.1	46	29	5	W	0.83	13	WSW	46.9	47.6	45.6	30.174
4/19/2022	2:40 PM	49.4	49.4	48.9	49	31	5	WSW	0.83	10	SW	47.5	48.2	46.3	30.173
4/19/2022	2:50 PM	49.1	49.6	49	49	30.7	5	WSW	0.83	11	WSW	47.1	47.9	45.9	30.165
4/19/2022	3:00 PM	49.5	49.8	49.1	42	27.3	7	NW	1.17	15	NW	46.6	48.1	45.2	30.174
4/19/2022	3:10 PM	50.4	50.4	49.4	47	30.9	5	W	0.83	11	W	48.7	49.1	47.4	30.171
4/19/2022	3:20 PM	50.6	50.8	50.4	41	27.7	5	W	0.83	13	W	48.9	49	47.3	30.173
4/19/2022	3:30 PM	51	51	50.5	47	31.5	4	SW	0.67	10	W	50	49.6	48.6	30.17
4/19/2022	3:40 PM	50.6	51.2	50.6	42	28.3	5	WSW	0.83	16	WNW	48.9	49.1	47.4	30.174

ATTACHMENT 6
WEATHER STATION DATA - APRIL 19-20, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/19/2022	8:00 AM	0	0	0.203	0	38.7	62	26.8	37.9	11.68	0.0798	234	1	100	10
4/19/2022	8:10 AM	0	0	0.203	0	38.7	62	26.8	37.9	11.68	0.0798	234	1	100	10
4/19/2022	8:20 AM	0	0	0.201	0	38.7	62	26.8	37.9	11.68	0.0798	233	1	100	10
4/19/2022	8:30 AM	0	0	0.2	0	38.7	62	26.8	37.9	11.68	0.0798	233	1	100	10
4/19/2022	8:40 AM	0	0	0.199	0	38.8	62	26.9	38	11.67	0.0798	234	1	100	10
4/19/2022	8:50 AM	0	0	0.199	0	38.9	62	27	38.1	11.67	0.0798	233	1	100	10
4/19/2022	9:00 AM	0	0	0.197	0	38.9	62	27	38.1	11.67	0.0798	234	1	100	10
4/19/2022	9:10 AM	0	0	0.194	0	39	62	27.1	38.2	11.67	0.0798	233	1	100	10
4/19/2022	9:20 AM	0	0	0.19	0	39.1	62	27.2	38.3	11.67	0.0798	233	1	100	10
4/19/2022	9:30 AM	0	0	0.186	0	39.1	62	27.2	38.3	11.67	0.0798	233	1	100	10
4/19/2022	9:40 AM	0	0	0.183	0	39.2	61	26.9	38.4	11.47	0.0798	232	1	100	10
4/19/2022	9:50 AM	0.01	0	0.186	0	39.4	61	27.1	38.6	11.46	0.0798	235	1	100	10
4/19/2022	10:00 AM	0	0	0.182	0	39.5	61	27.2	38.7	11.46	0.0797	233	1	100	10
4/19/2022	10:10 AM	0.01	0	0.184	0	39.6	61	27.2	38.8	11.46	0.0797	234	1	100	10
4/19/2022	10:20 AM	0	0	0.181	0	39.8	61	27.4	39	11.45	0.0797	233	1	100	10
4/19/2022	10:30 AM	0	0	0.172	0	39.9	61	27.5	39.1	11.45	0.0797	233	1	100	10
4/19/2022	10:40 AM	0	0	0.174	0	40.1	61	27.7	39.3	11.45	0.0797	234	1	100	10
4/19/2022	10:50 AM	0	0	0.174	0	40.3	61	27.9	39.5	11.45	0.0796	232	1	100	10
4/19/2022	11:00 AM	0	0	0.176	0	40.5	61	28.1	39.7	11.45	0.0796	230	1	100	10
4/19/2022	11:10 AM	0	0	0.174	0	40.6	61	28.2	39.8	11.45	0.0796	233	1	100	10
4/19/2022	11:20 AM	0	0	0.169	0	40.8	60	28	40	11.23	0.0796	233	1	100	10
4/19/2022	11:30 AM	0	0	0.164	0	41	60	28.2	40.2	11.23	0.0795	234	1	100	10
4/19/2022	11:40 AM	0	0	0.157	0	41.1	60	28.3	40.3	11.23	0.0795	233	1	100	10
4/19/2022	11:50 AM	0	0	0.15	0	41.4	60	28.5	40.6	11.22	0.0795	234	1	100	10
4/19/2022	12:00 PM	0	0	0.151	0	41.8	60	28.9	41	11.21	0.0794	234	1	100	10
4/19/2022	12:10 PM	0	0	0.149	0	42.2	60	29.3	41.4	11.21	0.0793	234	1	100	10
4/19/2022	12:20 PM	0	0	0.152	0	42.6	60	29.7	41.8	11.2	0.0793	233	1	100	10
4/19/2022	12:30 PM	0	0	0.146	0	43	60	30.1	42.2	11.19	0.0792	234	1	100	10
4/19/2022	12:40 PM	0	0	0.136	0	43.4	60	30.4	42.6	11.18	0.0791	227	1	99.6	10
4/19/2022	12:50 PM	0	0	0.14	0	43.7	60	30.7	42.9	11.18	0.0791	234	1	100	10
4/19/2022	1:00 PM	0	0	0.135	0	44.1	60	31.1	43.3	11.17	0.079	235	1	100	10
4/19/2022	1:10 PM	0	0	0.133	0	44.5	60	31.5	43.7	11.16	0.0789	233	1	100	10
4/19/2022	1:20 PM	0	0	0.127	0	44.8	60	31.8	44	11.15	0.0789	234	1	100	10
4/19/2022	1:30 PM	0	0	0.13	0	45.2	60	32.1	44.4	11.15	0.0788	232	1	100	10
4/19/2022	1:40 PM	0	0	0.123	0	45.5	60	32.4	44.7	11.15	0.0788	234	1	100	10
4/19/2022	1:50 PM	0	0	0.12	0	45.9	60	32.8	45.1	11.15	0.0787	234	1	100	10
4/19/2022	2:00 PM	0	0	0.118	0	46.3	60	33.2	45.5	11.15	0.0786	234	1	100	10
4/19/2022	2:10 PM	0	0	0.118	0	46.6	59	33	45.8	10.95	0.0785	235	1	100	10
4/19/2022	2:20 PM	0	0	0.117	0	46.9	59	33.3	46.1	10.95	0.0785	234	1	100	10
4/19/2022	2:30 PM	0	0	0.112	0	47.2	59	33.6	46.4	10.95	0.0785	234	1	100	10
4/19/2022	2:40 PM	0	0	0.108	0	47.5	59	33.9	46.7	10.95	0.0784	234	1	100	10
4/19/2022	2:50 PM	0	0	0.11	0	47.8	59	34.2	47	10.95	0.0783	234	1	100	10
4/19/2022	3:00 PM	0	0	0.108	0	48.2	59	34.5	47.4	10.95	0.0783	234	1	100	10
4/19/2022	3:10 PM	0	0	0.101	0	48.5	59	34.8	47.7	10.95	0.0782	234	1	100	10
4/19/2022	3:20 PM	0	0	0.1	0	48.7	58	34.6	47.8	10.75	0.0782	232	1	100	10
4/19/2022	3:30 PM	0	0	0.097	0	49.1	58	34.9	48.2	10.75	0.0781	234	1	100	10
4/19/2022	3:40 PM	0	0	0.1	0	49.3	58	35.1	48.4	10.75	0.0781	234	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - APRIL 19-20, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/19/2022	3:50 PM	50.8	50.9	50.4	43	29.1	6	W	1	18	W	48.7	49.3	47.2	30.173
4/19/2022	4:00 PM	50.9	50.9	50.5	44	29.7	5	W	0 83	14	W	49.3	49.4	47.8	30.165
4/19/2022	4:10 PM	51.4	51.4	50.8	42	29.1	6	W	1	12	W	49.3	49.7	47.6	30.173
4/19/2022	4:20 PM	51.7	52.1	51.4	43	29.9	5	W	0 83	15	WSW	50.2	50	48.5	30.175
4/19/2022	4:30 PM	52.1	52.1	51.7	44	30.8	6	WSW	1	13	W	50.1	50.3	48.3	30.173
4/19/2022	4:40 PM	51.9	52.4	51.7	46	31.7	5	W	0 83	14	W	50.5	50.3	48.9	30.168
4/19/2022	4:50 PM	52.3	52.3	51.8	43	30.4	6	W	1	18	W	50.4	50.5	48.6	30.168
4/19/2022	5:00 PM	52.2	52.4	52.2	41	29.2	6	SW	1	15	W	50.2	50.3	48.3	30.17
4/19/2022	5:10 PM	52.5	52.5	52.1	41	29.5	6	WSW	1	12	N	50.6	50.6	48.7	30.177
4/19/2022	5:20 PM	52.1	52.5	52.1	38	27.2	6	W	1	12	WNW	50.1	50.1	48.1	30.173
4/19/2022	5:30 PM	52.6	52.6	52.1	44	31.3	6	W	1	13	WSW	50.7	50.8	48.9	30.174
4/19/2022	5:40 PM	52.7	53	52.6	38	27.8	6	W	1	12	WSW	50.8	50.6	48.7	30.17
4/19/2022	5:50 PM	52.9	53	52.6	39	28.6	6	W	1	12	NW	51.1	50.8	49	30.176
4/19/2022	6:00 PM	52.4	52.9	52.4	41	29.4	7	W	1.17	15	W	50.1	50.5	48.2	30.179
4/19/2022	6:10 PM	52.3	52.5	52.3	37	26.8	7	WSW	1.17	17	W	50	50.2	47.9	30.179
4/19/2022	6:20 PM	52.1	52.3	52.1	39	27.9	8	W	1.33	16	W	49	50.1	47	30.181
4/19/2022	6:30 PM	52.7	52.7	52.2	42	30.2	5	W	0 83	12	WSW	51.4	50.8	49.5	30.181
4/19/2022	6:40 PM	52.5	52.6	52.5	39	28.2	5	W	0 83	11	W	51.2	50.5	49.2	30.186
4/19/2022	6:50 PM	52.4	52.5	52.3	40	28.8	5	W	0 83	11	NW	51	50.4	49	30.186
4/19/2022	7:00 PM	52.1	52.4	52	39	27.9	5	W	0 83	11	W	50.7	50.1	48.7	30.187
4/19/2022	7:10 PM	51.7	52.1	51.7	39	27.5	4	W	0 67	9	W	50.8	49.8	48.9	30.187
4/19/2022	7:20 PM	51.1	51.7	51.1	39	27	4	W	0 67	9	W	50.1	49.3	48.3	30.185
4/19/2022	7:30 PM	50.5	51.1	50.5	40	27	4	W	0 67	9	W	49.5	48.9	47.9	30.182
4/19/2022	7:40 PM	49.7	50.4	49.6	41	26.9	2	W	0 33	8	W	49.7	48.2	48.2	30.187
4/19/2022	7:50 PM	49.1	49.7	49.1	43	27.5	2	WNW	0 33	7	WSW	49.1	47.7	47.7	30.19
4/19/2022	8:00 PM	48.3	49.1	48.3	44	27.4	1	W	0.17	6	WNW	48.3	47	47	30.193
4/19/2022	8:10 PM	47.3	48.3	47.3	53	31	0	WNW	0	2	WNW	47.3	46.2	46.2	30.194
4/19/2022	8:20 PM	45.8	47.3	45.8	55	30.5	0	---	0	0	---	45.8	44.8	44.8	30.198
4/19/2022	8:30 PM	44.5	45.8	44.5	58	30.6	0	NW	0	2	NW	44.5	43.6	43.6	30.2
4/19/2022	8:40 PM	43.6	44.5	43.5	56	28.9	0	---	0	0	---	43.6	42.6	42.6	30.207
4/19/2022	8:50 PM	42.5	43.5	42.5	62	30.4	0	---	0	0	---	42.5	41.7	41.7	30.213
4/19/2022	9:00 PM	41.8	42.5	41.8	64	30.5	0	---	0	0	---	41.8	41.1	41.1	30.22
4/19/2022	9:10 PM	41	41.8	41	67	30.9	0	---	0	0	---	41	40.3	40.3	30.223
4/19/2022	9:20 PM	40.2	40.9	40.2	68	30.5	0	---	0	0	---	40.2	39.6	39.6	30.229
4/19/2022	9:30 PM	39.5	40.1	39.5	68	29.8	0	---	0	0	---	39.5	38.9	38.9	30.236
4/19/2022	9:40 PM	39.1	39.5	39.1	70	30.1	0	---	0	0	---	39.1	38.5	38.5	30.245
4/19/2022	9:50 PM	38.7	39	38.7	72	30.4	0	---	0	0	---	38.7	38.2	38.2	30.246
4/19/2022	10:00 PM	38.5	38.7	38.5	70	29.6	0	---	0	0	---	38.5	37.9	37.9	30.25
4/19/2022	10:10 PM	38.5	38.6	38.5	71	29.9	0	NW	0	2	NW	38.5	37.9	37.9	30.258
4/19/2022	10:20 PM	38.1	38.5	38.1	72	29.9	0	NW	0	2	NW	38.1	37.6	37.6	30.259
4/19/2022	10:30 PM	37.7	38.2	37.7	73	29.8	0	---	0	0	---	37.7	37.2	37.2	30.262
4/19/2022	10:40 PM	37.2	37.7	37.2	74	29.7	0	NW	0	1	NW	37.2	36.8	36.8	30.269
4/19/2022	10:50 PM	36.8	37.2	36.7	73	29	0	---	0	0	---	36.8	36.3	36.3	30.272
4/19/2022	11:00 PM	36.5	36.8	36.5	75	29.3	0	---	0	0	---	36.5	36.1	36.1	30.277
4/19/2022	11:10 PM	36.1	36.5	36.1	74	28.6	0	---	0	0	---	36.1	35.7	35.7	30.273
4/19/2022	11:20 PM	36.2	36.4	36.1	75	29	0	NW	0	2	NW	36.2	35.8	35.8	30.278
4/19/2022	11:30 PM	36	36.2	36	76	29.2	0	---	0	0	---	36	35.6	35.6	30.279

ATTACHMENT 6
WEATHER STATION DATA - APRIL 19-20, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/19/2022	3:50 PM	0	0	0.099	0	49 6	58	35.4	48.7	10.75	0.078	233	1	100	10
4/19/2022	4:00 PM	0	0	0.098	0	49 9	58	35.7	49	10.75	0.078	234	1	100	10
4/19/2022	4:10 PM	0	0	0.094	0	50 2	58	36	49.3	10.75	0.0779	233	1	100	10
4/19/2022	4:20 PM	0	0	0.092	0	50.5	57	35.8	49.5	10.56	0.0779	234	1	100	10
4/19/2022	4:30 PM	0	0	0.09	0	50 8	57	36.1	49.8	10.57	0.0778	234	1	100	10
4/19/2022	4:40 PM	0	0	0.091	0	51	57	36.3	50	10.57	0.0778	234	1	100	10
4/19/2022	4:50 PM	0	0	0.088	0	51 3	57	36.6	50.2	10.58	0.0777	234	1	100	10
4/19/2022	5:00 PM	0	0	0.089	0	51 6	57	36.9	50.5	10.58	0.0777	234	1	100	10
4/19/2022	5:10 PM	0	0	0.087	0	52.4	53	35.8	51	9.95	0.0776	223	1	97.8	10
4/19/2022	5:20 PM	0	0	0.09	0	52 6	54	36.4	51.2	10.1	0.0776	233	1	100	10
4/19/2022	5:30 PM	0	0	0.086	0	52.7	54	36.5	51.3	10.1	0.0775	231	1	100	10
4/19/2022	5:40 PM	0	0	0.085	0	52 9	54	36.7	51.5	10.11	0.0775	234	1	100	10
4/19/2022	5:50 PM	0	0	0.084	0	53.1	53	36.4	51.6	9.95	0.0775	234	1	100	10
4/19/2022	6:00 PM	0	0	0.087	0	53 3	53	36.6	51.8	9.95	0.0775	234	1	100	10
4/19/2022	6:10 PM	0	0	0.088	0	54.1	53	37.3	52.5	9.95	0.0773	233	1	100	10
4/19/2022	6:20 PM	0	0	0.09	0	55 6	53	38.7	53.9	9.95	0.0771	234	1	100	10
4/19/2022	6:30 PM	0	0	0.085	0	57.4	52	39.9	55.5	9.8	0.0768	235	1	100	10
4/19/2022	6:40 PM	0	0	0.087	0	59.4	52	41.8	57.5	9.76	0.0765	233	1	100	10
4/19/2022	6:50 PM	0	0	0.087	0	61.1	50	42.3	59.1	9.43	0.0762	233	1	100	10
4/19/2022	7:00 PM	0	0	0.09	0	62 3	49	42.9	60.3	9.26	0.076	234	1	100	10
4/19/2022	7:10 PM	0	0	0.092	0	63.5	49	44	61.5	9.21	0.0758	234	1	100	10
4/19/2022	7:20 PM	0	0	0.097	0	64.4	47	43.7	62.4	8.86	0.0757	232	1	100	10
4/19/2022	7:30 PM	0	0	0.101	0	64.7	46	43.4	62.6	8.66	0.0756	234	1	100	10
4/19/2022	7:40 PM	0	0	0.106	0	64.5	45	42.7	62.3	8.56	0.0757	234	1	100	10
4/19/2022	7:50 PM	0	0	0.11	0	63.7	44	41.4	61.4	8.4	0.0758	234	1	100	10
4/19/2022	8:00 PM	0	0	0.116	0	62.7	44	40.5	60.3	8.44	0.076	233	1	100	10
4/19/2022	8:10 PM	0	0	0.123	0	61 8	43	39.1	59.3	8.31	0.0762	234	1	100	10
4/19/2022	8:20 PM	0	0	0.133	0	60 9	43	38.2	58.4	8.33	0.0764	234	1	100	10
4/19/2022	8:30 PM	0	0	0.142	0	60	43	37.4	57.5	8.35	0.0765	234	1	100	10
4/19/2022	8:40 PM	0	0	0.149	0	59.1	43	36.6	56.7	8.33	0.0767	234	1	100	10
4/19/2022	8:50 PM	0	0	0.156	0	58 2	43	35.8	55.8	8.31	0.0768	234	1	100	10
4/19/2022	9:00 PM	0	0	0.161	0	57.4	43	35.1	55	8.3	0.077	233	1	100	10
4/19/2022	9:10 PM	0	0	0.167	0	56.7	43	34.4	54.4	8.28	0.0771	234	1	100	10
4/19/2022	9:20 PM	0	0	0.172	0	55 9	43	33.7	53.6	8.27	0.0773	234	1	100	10
4/19/2022	9:30 PM	0	0	0.177	0	55.1	43	33	52.9	8.25	0.0774	233	1	100	10
4/19/2022	9:40 PM	0	0	0.18	0	54.4	43	32.3	52.3	8.27	0.0776	234	1	100	10
4/19/2022	9:50 PM	0	0	0.183	0	53 8	43	31.8	51.8	8.3	0.0777	233	1	100	10
4/19/2022	10:00 PM	0	0	0.184	0	53 2	44	31.8	51.3	8.49	0.0778	234	1	100	10
4/19/2022	10:10 PM	0	0	0.184	0	52 6	44	31.3	50.8	8.5	0.0779	234	1	100	10
4/19/2022	10:20 PM	0	0	0.187	0	52	44	30.7	50.3	8.51	0.078	234	1	100	10
4/19/2022	10:30 PM	0	0	0.19	0	51.4	44	30.2	49.8	8.52	0.0781	234	1	100	10
4/19/2022	10:40 PM	0	0	0.193	0	50 9	44	29.7	49.4	8.53	0.0782	233	1	100	10
4/19/2022	10:50 PM	0	0	0.196	0	50.4	44	29.3	49	8.54	0.0783	232	1	100	10
4/19/2022	11:00 PM	0	0	0.198	0	49 9	44	28.8	48.6	8.55	0.0784	233	1	100	10
4/19/2022	11:10 PM	0	0	0.201	0	49.5	44	28.5	48.2	8.55	0.0785	234	1	100	10
4/19/2022	11:20 PM	0	0	0.2	0	49.1	44	28.1	47.8	8.55	0.0785	232	1	100	10
4/19/2022	11:30 PM	0	0	0.201	0	48 6	45	28.2	47.3	8.72	0.0786	234	1	100	10

**ATTACHMENT 6
WEATHER STATION DATA - APRIL 19-20, 2022
11184 BRISTOL AIR SITE**

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/19/2022	11:40 PM	35.7	36	35.7	79	29.8	0	---	0	0	---	35.7	35.4	35.4	30.281
4/19/2022	11:50 PM	36.1	36.1	35.7	77	29.6	0	---	0	0	---	36.1	35.7	35.7	30.282
4/20/2022	12:00 AM	36.1	36.3	36.1	74	28.6	0	---	0	0	---	36.1	35.7	35.7	30.281
4/20/2022	12:10 AM	35.6	36.1	35.6	76	28.8	0	---	0	0	---	35.6	35.2	35.2	30.286
4/20/2022	12:20 AM	35.4	35.7	35.4	78	29.2	0	NW	0	2	NW	35.4	35.1	35.1	30.288
4/20/2022	12:30 AM	35	35.4	35	79	29.1	0	NW	0	1	NW	35	34.7	34.7	30.29
4/20/2022	12:40 AM	34.8	35	34.8	78	28.6	0	NNW	0	2	NNW	34.8	34.4	34.4	30.294
4/20/2022	12:50 AM	34.7	34.8	34.7	79	28.9	0	NNW	0	2	NNW	34.7	34.4	34.4	30.293
4/20/2022	1:00 AM	34.4	34.7	34.4	80	28.9	0	---	0	0	---	34.4	34	34	30.295
4/20/2022	1:10 AM	34.3	34.4	34.3	81	29.1	0	---	0	0	---	34.3	33.9	33.9	30.296
4/20/2022	1:20 AM	34	34.3	34	83	29.4	0	---	0	0	---	34	33.7	33.7	30.301
4/20/2022	1:30 AM	33.7	34	33.7	84	29.4	0	---	0	0	---	33.7	33.4	33.4	30.301
4/20/2022	1:40 AM	33.4	33.7	33.4	84	29.1	0	---	0	0	---	33.4	33.1	33.1	30.306
4/20/2022	1:50 AM	33.1	33.4	33.1	85	29.1	0	---	0	0	---	33.1	32.9	32.9	30.309
4/20/2022	2:00 AM	33	33.2	33	85	29	0	---	0	0	---	33	32.8	32.8	30.318
4/20/2022	2:10 AM	32.7	33	32.7	86	29	0	---	0	0	---	32.7	32.5	32.5	30.323
4/20/2022	2:20 AM	32.6	32.7	32.6	87	29.2	0	---	0	0	---	32.6	32.4	32.4	30.328
4/20/2022	2:30 AM	32.5	32.6	32.5	86	28.8	0	---	0	0	---	32.5	32.3	32.3	30.323
4/20/2022	2:40 AM	32.3	32.5	32.3	85	28.3	0	---	0	0	---	32.3	32.1	32.1	30.324
4/20/2022	2:50 AM	32.1	32.3	32.1	86	28.4	0	---	0	0	---	32.1	31.9	31.9	30.328
4/20/2022	3:00 AM	31.9	32.1	31.9	87	28.5	0	---	0	0	---	31.9	31.7	31.7	30.332
4/20/2022	3:10 AM	31.8	32	31.8	87	28.4	0	---	0	0	---	31.8	31.6	31.6	30.337
4/20/2022	3:20 AM	31.9	31.9	31.8	87	28.5	0	---	0	0	---	31.9	31.7	31.7	30.34
4/20/2022	3:30 AM	31.8	31.9	31.8	87	28.4	0	---	0	0	---	31.8	31.6	31.6	30.34
4/20/2022	3:40 AM	31.7	31.8	31.7	87	28.3	0	---	0	0	---	31.7	31.5	31.5	30.336
4/20/2022	3:50 AM	31.7	31.8	31.7	87	28.3	0	---	0	0	---	31.7	31.5	31.5	30.333
4/20/2022	4:00 AM	31.6	31.7	31.6	87	28.2	0	---	0	0	---	31.6	31.4	31.4	30.337
4/20/2022	4:10 AM	31.5	31.6	31.4	87	28.1	0	---	0	0	---	31.5	31.3	31.3	30.34
4/20/2022	4:20 AM	31.3	31.5	31.3	88	28.2	0	---	0	0	---	31.3	31.1	31.1	30.343
4/20/2022	4:30 AM	31.2	31.4	31.2	88	28.1	0	---	0	0	---	31.2	31	31	30.344
4/20/2022	4:40 AM	31.1	31.2	31	89	28.2	0	---	0	0	---	31.1	30.9	30.9	30.349
4/20/2022	4:50 AM	31	31.1	31	89	28.1	0	---	0	0	---	31	30.8	30.8	30.353
4/20/2022	5:00 AM	30.9	31	30.8	89	28	0	---	0	0	---	30.9	30.7	30.7	30.352
4/20/2022	5:10 AM	30.7	30.9	30.7	89	27.8	0	---	0	0	---	30.7	30.5	30.5	30.358
4/20/2022	5:20 AM	30.6	30.8	30.6	89	27.7	0	---	0	0	---	30.6	30.4	30.4	30.359
4/20/2022	5:30 AM	30.7	30.7	30.6	89	27.8	0	---	0	0	---	30.7	30.5	30.5	30.359
4/20/2022	5:40 AM	30.8	30.8	30.6	89	27.9	0	---	0	0	---	30.8	30.6	30.6	30.358
4/20/2022	5:50 AM	30.8	30.9	30.8	89	27.9	0	---	0	0	---	30.8	30.6	30.6	30.359
4/20/2022	6:00 AM	30.6	30.9	30.6	89	27.7	0	NNW	0	2	NNW	30.6	30.4	30.4	30.355
4/20/2022	6:10 AM	30.5	30.7	30.5	89	27.6	0	NNW	0	1	NNW	30.5	30.3	30.3	30.35
4/20/2022	6:20 AM	30.6	30.6	30.5	90	28	0	NNW	0	1	NNW	30.6	30.4	30.4	30.342
4/20/2022	6:30 AM	30.8	30.9	30.6	91	28.5	0	NNW	0	2	NNW	30.8	30.6	30.6	30.333
4/20/2022	6:40 AM	32.1	32.1	30.9	89	29.2	2	N	0.33	3	NNE	31.1	32	31	30.345
4/20/2022	6:50 AM	32.6	32.7	32.1	87	29.2	1	NNE	0.17	2	NNE	32.6	32.4	32.4	30.347
4/20/2022	7:00 AM	32.7	32.8	32.6	87	29.3	1	NNE	0.17	2	NNE	32.7	32.5	32.5	30.349
4/20/2022	7:10 AM	33.7	33.7	32.7	84	29.4	2	NE	0.33	4	NNW	32.8	33.4	32.5	30.362
4/20/2022	7:20 AM	34	34	33.7	81	28.8	2	ENE	0.33	3	NE	33.2	33.6	32.8	30.369

ATTACHMENT 6
WEATHER STATION DATA - APRIL 19-20, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/19/2022	11:40 PM	0	0	0.203	0	48 2	45	27.8	46.9	8.71	0.0787	234	1	100	10
4/19/2022	11:50 PM	0	0	0.201	0	47 8	45	27.5	46.5	8.71	0.0788	233	1	100	10
4/20/2022	12:00 AM	0	0	0.201	0	47.5	45	27.2	46.2	8.7	0.0788	234	1	100	10
4/20/2022	12:10 AM	0	0	0.204	0	47.1	45	26.8	45.8	8.69	0.0789	231	1	100	10
4/20/2022	12:20 AM	0	0	0.206	0	46 8	45	26.6	45.5	8.69	0.0789	234	1	100	10
4/20/2022	12:30 AM	0	0	0.208	0	46.5	45	26.3	45.2	8.68	0.079	233	1	100	10
4/20/2022	12:40 AM	0	0	0 21	0	46 2	45	26	44.9	8.67	0.0791	234	1	100	10
4/20/2022	12:50 AM	0	0	0 21	0	45 9	45	25.7	44.6	8.67	0.0791	234	1	100	10
4/20/2022	1:00 AM	0	0	0.212	0	45.5	46	25.9	44.2	8.85	0.0792	235	1	100	10
4/20/2022	1:10 AM	0	0	0.213	0	45 3	46	25.7	44	8.85	0.0792	234	1	100	10
4/20/2022	1:20 AM	0	0	0.215	0	45	46	25.4	43.7	8.85	0.0793	234	1	100	10
4/20/2022	1:30 AM	0	0	0.217	0	44.7	46	25.2	43.4	8.85	0.0793	234	1	100	10
4/20/2022	1:40 AM	0	0	0.219	0	44.4	46	24.9	43.1	8.85	0.0794	234	1	100	10
4/20/2022	1:50 AM	0	0	0.222	0	44 2	46	24.7	42.9	8.85	0.0794	234	1	100	10
4/20/2022	2:00 AM	0	0	0.222	0	43 9	46	24.4	42.6	8.85	0.0795	233	1	100	10
4/20/2022	2:10 AM	0	0	0.224	0	43.7	46	24.2	42.4	8.85	0.0796	233	1	100	10
4/20/2022	2:20 AM	0	0	0.225	0	43.4	46	24	42.1	8.85	0.0796	234	1	100	10
4/20/2022	2:30 AM	0	0	0.226	0	43 2	46	23.8	41.9	8.85	0.0796	234	1	100	10
4/20/2022	2:40 AM	0	0	0.227	0	43	46	23.6	41.7	8.85	0.0797	233	1	100	10
4/20/2022	2:50 AM	0	0	0.228	0	42.7	47	23.8	41.5	9	0.0797	234	1	100	10
4/20/2022	3:00 AM	0	0	0 23	0	42.5	47	23.7	41.3	9	0.0798	234	1	100	10
4/20/2022	3:10 AM	0	0	0.231	0	42 3	47	23.5	41.1	9	0.0798	234	1	100	10
4/20/2022	3:20 AM	0	0	0 23	0	42.1	47	23.3	40.9	9.01	0.0799	233	1	100	10
4/20/2022	3:30 AM	0	0	0.231	0	41 9	47	23.1	40.7	9.01	0.0799	234	1	100	10
4/20/2022	3:40 AM	0	0	0.231	0	41.7	47	22.9	40.5	9.02	0.0799	233	1	100	10
4/20/2022	3:50 AM	0	0	0.231	0	41.5	47	22.7	40.3	9.02	0.0799	234	1	100	10
4/20/2022	4:00 AM	0	0	0.232	0	41 3	47	22.6	40.1	9.02	0.08	234	1	100	10
4/20/2022	4:10 AM	0	0	0.233	0	41.1	47	22.4	39.9	9.03	0.08	234	1	100	10
4/20/2022	4:20 AM	0	0	0.234	0	41	47	22.3	39.8	9.03	0.0801	235	1	100	10
4/20/2022	4:30 AM	0	0	0.235	0	40 8	47	22.1	39.6	9.03	0.0801	234	1	100	10
4/20/2022	4:40 AM	0	0	0.235	0	40 6	47	21.9	39.4	9.04	0.0801	234	1	100	10
4/20/2022	4:50 AM	0	0	0.236	0	40.5	48	22.3	39.4	9.24	0.0802	233	1	100	10
4/20/2022	5:00 AM	0	0	0.237	0	40 3	48	22.1	39.2	9.24	0.0802	232	1	100	10
4/20/2022	5:10 AM	0	0	0.238	0	40 2	48	22.1	39.1	9.25	0.0802	234	1	100	10
4/20/2022	5:20 AM	0	0	0.239	0	40	48	21.9	38.9	9.25	0.0803	233	1	100	10
4/20/2022	5:30 AM	0	0	0.238	0	39 9	48	21.8	38.8	9.25	0.0803	235	1	100	10
4/20/2022	5:40 AM	0	0	0.238	0	39.7	48	21.6	38.6	9.26	0.0803	233	1	100	10
4/20/2022	5:50 AM	0	0	0.238	0	39 6	48	21.5	38.5	9.26	0.0803	234	1	100	10
4/20/2022	6:00 AM	0	0	0.239	0	39.5	48	21.4	38.4	9.26	0.0803	232	1	100	10
4/20/2022	6:10 AM	0	0	0 24	0	39.4	48	21.3	38.3	9.26	0.0803	234	1	100	10
4/20/2022	6:20 AM	0	0	0.239	0	39 3	48	21.2	38.2	9.26	0.0803	233	1	100	10
4/20/2022	6:30 AM	0	0	0.238	0	39 2	48	21.1	38.1	9.27	0.0803	234	1	100	10
4/20/2022	6:40 AM	0	0	0.228	0	39.1	48	21	38	9.27	0.0804	234	1	100	10
4/20/2022	6:50 AM	0	0	0.225	0	39	48	20.9	37.9	9.27	0.0804	234	1	100	10
4/20/2022	7:00 AM	0	0	0.224	0	38 9	48	20.9	37.8	9.27	0.0804	233	1	100	10
4/20/2022	7:10 AM	0	0	0.217	0	38 9	49	21.3	37.9	9.39	0.0805	234	1	100	10
4/20/2022	7:20 AM	0	0	0.215	0	38 9	49	21.3	37.9	9.39	0.0805	232	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - APRIL 19-20, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/20/2022	7:30 AM	34.5	34.5	34	82	29.6	2	NE	0.33	4	NE	33.7	34.2	33.4	30.365
4/20/2022	7:40 AM	35.3	35.3	34.4	79	29.4	1	ENE	0.17	3	ENE	35.3	35	35	30.369
4/20/2022	7:50 AM	36.3	36.3	35.3	76	29.5	1	ENE	0.17	3	ENE	36.3	35.9	35.9	30.377
4/20/2022	8:00 AM	37.4	37.4	36.3	76	30.5	1	ENE	0.17	4	ENE	37.4	37	37	30.372
4/20/2022	8:10 AM	38.7	38.7	37.3	71	30.1	1	E	0.17	4	E	38.7	38.1	38.1	30.364
4/20/2022	8:20 AM	40.3	40.3	38.7	70	31.3	1	E	0.17	3	SE	40.3	39.7	39.7	30.366
4/20/2022	8:30 AM	41.3	41.3	40.2	67	31.2	3	ESE	0.5	7	ESE	39.8	40.6	39.1	30.361
4/20/2022	8:40 AM	41.4	41.4	41.2	67	31.3	2	ENE	0.33	6	ENE	41.3	40.7	40.6	30.377
4/20/2022	8:50 AM	42.5	42.5	41.5	64	31.2	1	ESE	0.17	7	E	42.5	41.8	41.8	30.376
4/20/2022	9:00 AM	43.7	43.7	42.5	63	31.9	2	NE	0.33	5	NNE	43.7	43	43	30.38
4/20/2022	9:10 AM	44.7	44.7	43.7	59	31.2	3	NE	0.5	7	ENE	43.7	43.9	42.9	30.373
4/20/2022	9:20 AM	46	46	44.7	60	32.9	2	NE	0.33	5	NE	46	45.2	45.2	30.368
4/20/2022	9:30 AM	47.4	47.4	46	59	33.8	3	NE	0.5	7	E	46.7	46.6	45.9	30.362
4/20/2022	9:40 AM	48.6	48.6	47.4	55	33.1	2	SE	0.33	8	ESE	48.6	47.6	47.6	30.368
4/20/2022	9:50 AM	49.7	49.7	48.6	56	34.6	2	NNE	0.33	7	NNE	49.7	48.7	48.7	30.374
4/20/2022	10:00 AM	50.5	50.5	49.7	52	33.5	2	N	0.33	5	NNW	50.5	49.3	49.3	30.376
4/20/2022	10:10 AM	51.8	51.9	50.5	55	36.1	2	NNE	0.33	4	N	51.8	50.5	50.5	30.375
4/20/2022	10:20 AM	52.7	52.7	51.9	52	35.6	2	S	0.33	5	SSE	52.7	51.2	51.2	30.369
4/20/2022	10:30 AM	54.3	54.3	52.7	46	33.9	2	SE	0.33	5	SSE	54.3	52.3	52.3	30.37
4/20/2022	10:40 AM	54.9	54.9	54.3	48	35.6	2	S	0.33	6	S	54.9	53	53	30.368
4/20/2022	10:50 AM	54.8	55	54.7	42	32.1	3	SW	0.5	5	SSE	54.8	52.6	52.6	30.368
4/20/2022	11:00 AM	55.3	55.3	54.8	41	32	2	NE	0.33	5	ENE	55.3	53	53	30.367
4/20/2022	11:10 AM	56.4	56.4	55.3	44	34.7	2	NE	0.33	4	E	56.4	54.2	54.2	30.364
4/20/2022	11:20 AM	56.4	56.6	56.3	42	33.6	2	WNW	0.33	5	NNW	56.4	54.1	54.1	30.363
4/20/2022	11:30 AM	57	57	56.5	44	35.3	3	N	0.5	6	ESE	57	54.7	54.7	30.357
4/20/2022	11:40 AM	58	58	57	40	33.8	2	ENE	0.33	5	ENE	58	55.4	55.4	30.358
4/20/2022	11:50 AM	59.4	59.4	58	35	31.7	2	W	0.33	6	W	59.4	56.4	56.4	30.36
4/20/2022	12:00 PM	59.3	59.4	59	39	34.3	3	NW	0.5	8	NW	59.3	56.6	56.6	30.356
4/20/2022	12:10 PM	60.3	60.5	59.3	33	31	3	W	0.5	8	WNW	60.3	57.1	57.1	30.353
4/20/2022	12:20 PM	60.7	60.7	60.1	34	32.1	3	NW	0.5	7	W	60.7	57.5	57.5	30.355
4/20/2022	12:30 PM	61.1	61.2	60.7	33	31.8	2	W	0.33	7	W	61.1	57.8	57.8	30.351
4/20/2022	12:40 PM	60.9	61.2	60.9	31	30	3	W	0.5	8	W	60.9	57.5	57.5	30.347
4/20/2022	12:50 PM	62	62	60.9	33	32.5	3	WNW	0.5	7	WSW	62	58.7	58.7	30.349
4/20/2022	1:00 PM	62.5	62.5	62	34	33.7	2	W	0.33	7	W	62.5	59.3	59.3	30.346
4/20/2022	1:10 PM	62.9	62.9	62.5	35	34.8	3	W	0.5	9	W	62.9	59.8	59.8	30.342
4/20/2022	1:20 PM	63.4	63.4	62.9	37	36.7	3	WSW	0.5	7	WNW	63.4	60.5	60.5	30.337
4/20/2022	1:30 PM	63.6	63.9	63.4	33	33.9	3	W	0.5	9	WSW	63.6	60.3	60.3	30.332
4/20/2022	1:40 PM	64.5	64.6	63.6	33	34.7	2	ENE	0.33	7	WNW	64.5	61.3	61.3	30.332
4/20/2022	1:50 PM	64.4	64.7	64.4	35	36.1	3	W	0.5	7	W	64.4	61.3	61.3	30.329
4/20/2022	2:00 PM	65	65	64.4	29	31.9	3	WSW	0.5	10	W	65	61.3	61.3	30.33
4/20/2022	2:10 PM	65.6	65.6	65	32	34.9	2	WNW	0.33	7	SW	65.6	62.3	62.3	30.326
4/20/2022	2:20 PM	66.3	66.4	65.6	31	34.7	2	SW	0.33	7	SW	66.3	63	63	30.322
4/20/2022	2:30 PM	66.2	66.6	66.2	28	32.1	3	SW	0.5	8	WNW	66.2	62.4	62.4	30.323
4/20/2022	2:40 PM	66.3	66.5	66.1	29	33.1	4	NW	0.67	10	NW	66.3	62.7	62.7	30.316
4/20/2022	2:50 PM	66.3	66.4	66.1	28	32.2	3	ENE	0.5	10	NNE	66.3	62.5	62.5	30.312
4/20/2022	3:00 PM	67.1	67.2	66.3	37	39.9	3	NNE	0.5	9	W	67.1	64.4	64.4	30.303
4/20/2022	3:10 PM	67.6	67.8	67.1	27	32.4	2	SW	0.33	5	WSW	67.6	63.7	63.7	30.296

ATTACHMENT 6
WEATHER STATION DATA - APRIL 19-20, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/20/2022	7:30 AM	0	0	0.212	0	38 8	49	21.3	37.8	9.4	0.0805	234	1	100	10
4/20/2022	7:40 AM	0	0	0.206	0	38 9	49	21.3	37.9	9.39	0.0805	234	1	100	10
4/20/2022	7:50 AM	0	0	0.199	0	38 9	49	21.3	37.9	9.39	0.0805	234	1	100	10
4/20/2022	8:00 AM	0	0	0.192	0	39	49	21.4	38	9.39	0.0805	233	1	100	10
4/20/2022	8:10 AM	0	0	0.183	0	39.1	49	21.5	38.1	9.39	0.0804	234	1	100	10
4/20/2022	8:20 AM	0	0	0.172	0	39 3	49	21.7	38.2	9.38	0.0804	234	1	100	10
4/20/2022	8:30 AM	0	0	0.165	0	39 6	50	22.5	38.5	9.56	0.0803	234	1	100	10
4/20/2022	8:40 AM	0	0	0.164	0	40	50	22.8	38.9	9.55	0.0803	234	1	100	10
4/20/2022	8:50 AM	0	0	0.156	0	40.4	50	23.2	39.3	9.54	0.0802	235	1	100	10
4/20/2022	9:00 AM	0	0	0.148	0	40.7	50	23.5	39.6	9.54	0.0802	231	1	100	10
4/20/2022	9:10 AM	0	0	0.141	0	41.1	50	23.9	40	9.53	0.0801	234	1	100	10
4/20/2022	9:20 AM	0	0	0.132	0	41.5	51	24.7	40.4	9.69	0.08	232	1	100	10
4/20/2022	9:30 AM	0	0	0.122	0	42	51	25.2	40.9	9.67	0.0799	234	1	100	10
4/20/2022	9:40 AM	0	0	0.114	0	42.5	51	25.6	41.4	9.65	0.0798	233	1	100	10
4/20/2022	9:50 AM	0	0	0.106	0	43.1	51	26.2	42	9.63	0.0798	234	1	100	10
4/20/2022	10:00 AM	0	0	0.101	0	43.7	51	26.7	42.6	9.6	0.0797	234	1	100	10
4/20/2022	10:10 AM	0	0	0.092	0	44 3	51	27.3	43.2	9.58	0.0795	233	1	100	10
4/20/2022	10:20 AM	0	0	0.085	0	44 9	52	28.3	43.8	9.75	0.0794	232	1	100	10
4/20/2022	10:30 AM	0	0	0.074	0	45.5	52	28.9	44.4	9.75	0.0793	234	1	100	10
4/20/2022	10:40 AM	0	0	0.07	0	46 2	52	29.5	45.1	9.75	0.0792	232	1	100	10
4/20/2022	10:50 AM	0	0	0.071	0	46 9	52	30.2	45.8	9.75	0.0791	233	1	100	10
4/20/2022	11:00 AM	0	0	0.067	0	47 6	52	30.8	46.5	9.75	0.0789	234	1	100	10
4/20/2022	11:10 AM	0	0	0.06	0	48 3	52	31.5	47.2	9.75	0.0788	233	1	100	10
4/20/2022	11:20 AM	0	0	0.06	0	49	52	32.1	47.9	9.75	0.0787	234	1	100	10
4/20/2022	11:30 AM	0	0	0.056	0	49 6	52	32.7	48.5	9.75	0.0786	234	1	100	10
4/20/2022	11:40 AM	0	0	0.049	0	50 2	52	33.2	49.1	9.75	0.0785	233	1	100	10
4/20/2022	11:50 AM	0	0	0.039	0	50 8	52	33.8	49.6	9.77	0.0784	234	1	100	10
4/20/2022	12:00 PM	0	0	0.04	0	51.5	52	34.4	50.2	9.78	0.0782	235	1	100	10
4/20/2022	12:10 PM	0	0	0.033	0	52.1	52	35	50.7	9.79	0.0781	233	1	100	10
4/20/2022	12:20 PM	0	0	0.03	0	52.7	51	35.1	51.2	9.65	0.078	233	1	100	10
4/20/2022	12:30 PM	0	0	0.027	0	53 3	51	35.6	51.7	9.65	0.0779	233	1	100	10
4/20/2022	12:40 PM	0	0	0.028	0	54	51	36.3	52.3	9.65	0.0778	234	1	100	10
4/20/2022	12:50 PM	0	0	0.021	0	54 6	51	36.8	52.9	9.65	0.0777	233	1	100	10
4/20/2022	1:00 PM	0	0	0.017	0	55.1	51	37.3	53.3	9.65	0.0776	234	1	100	10
4/20/2022	1:10 PM	0	0	0.015	0	55.7	50	37.3	53.8	9.54	0.0775	235	1	100	10
4/20/2022	1:20 PM	0	0	0.011	0	56 2	50	37.8	54.3	9.53	0.0774	233	1	100	10
4/20/2022	1:30 PM	0	0	0.01	0	56 8	50	38.3	54.8	9.51	0.0773	234	1	100	10
4/20/2022	1:40 PM	0	0	0.003	0	57 3	50	38.8	55.3	9.5	0.0772	234	1	100	10
4/20/2022	1:50 PM	0	0	0.004	0	57 8	50	39.3	55.8	9.49	0.0771	232	1	100	10
4/20/2022	2:00 PM	0	0	0	0	58.4	49	39.3	56.3	9.35	0.077	233	1	100	10
4/20/2022	2:10 PM	0	0	0	0.004	58 9	49	39.8	56.8	9.35	0.0769	233	1	100	10
4/20/2022	2:20 PM	0	0	0	0.009	59.4	49	40.2	57.3	9.35	0.0768	234	1	100	10
4/20/2022	2:30 PM	0	0	0	0.008	59 9	49	40.7	57.8	9.35	0.0768	232	1	100	10
4/20/2022	2:40 PM	0	0	0	0.009	60.5	48	40.7	58.4	9.13	0.0767	234	1	100	10
4/20/2022	2:50 PM	0	0	0	0.009	60 9	48	41.1	58.8	9.11	0.0766	233	1	100	10
4/20/2022	3:00 PM	0	0	0	0.015	61.4	48	41.5	59.3	9.09	0.0765	233	1	100	10
4/20/2022	3:10 PM	0	0	0	0.018	61 8	48	41.9	59.7	9.08	0.0764	235	1	100	10

ATTACHMENT 6
WEATHER STATION DATA - APRIL 19-20, 2022
11184 BRISTOL AIR SITE

Date	Time	Temp Out	Hi Temp	Low Temp	Out Hum	Dew Pt.	Wind Speed	Wind Dir	Wind Run	Hi Speed	Hi Dir	Wind Chill	Heat Index	THW Index	Bar
4/20/2022	3:20 PM	67.8	67.8	67.6	33	37.6	2	ESE	0.33	6	ESE	67.8	64.7	64.7	30.292
4/20/2022	3:30 PM	67.8	67.9	67.6	28	33.5	2	W	0.33	6	W	67.8	64.1	64.1	30.29
4/20/2022	3:40 PM	68.1	68.2	67.8	28	33.7	3	WNW	0.5	9	W	68.1	64.4	64.4	30.286
4/20/2022	3:50 PM	68.1	68.1	67.9	29	34.6	2	WSW	0.33	7	W	68.1	64.6	64.6	30.28
4/20/2022	4:00 PM	68.5	68.5	68	30	35.8	2	NE	0.33	5	NE	68.5	65	65	30.27
4/20/2022	4:10 PM	68.8	68.8	68.5	34	39.3	3	NW	0.5	8	WNW	68.8	65.7	65.7	30.264
4/20/2022	4:20 PM	69.2	69.2	68.8	35	40.4	3	W	0.5	9	WNW	69.2	66.2	66.2	30.259
4/20/2022	4:30 PM	69.5	69.6	69.1	30	36.7	3	W	0.5	6	W	69.5	65.9	65.9	30.257
4/20/2022	4:40 PM	69.8	69.9	69.5	26	33.3	2	SW	0.33	7	WNW	69.8	65.8	65.8	30.248
4/20/2022	4:50 PM	70.2	70.3	69.8	26	33.7	2	SE	0.33	5	SW	70.2	66.3	66.3	30.246
4/20/2022	5:00 PM	70.5	70.6	70.2	26	33.9	2	WNW	0.33	6	W	70.5	66.8	66.8	30.245
4/20/2022	5:10 PM	70.8	70.8	70.4	31	38.7	2	NW	0.33	4	NW	70.8	67.7	67.7	30.246
4/20/2022	5:20 PM	70.7	70.9	70.6	29	36.9	3	WNW	0.5	7	WNW	70.7	67.3	67.3	30.241
4/20/2022	5:30 PM	70.4	70.8	70.4	30	37.5	3	WSW	0.5	7	W	70.4	67	67	30.242
4/20/2022	5:40 PM	70.9	70.9	70.4	30	37.9	1	S	0.17	6	ESE	70.9	67.8	67.8	30.238
4/20/2022	5:50 PM	70.9	71	70.9	29	37	3	WSW	0.5	8	SSE	70.9	67.7	67.7	30.236
4/20/2022	6:00 PM	70.7	70.9	70.5	28	36	2	WSW	0.33	7	W	70.7	67.3	67.3	30.235
4/20/2022	6:10 PM	70.9	70.9	70.7	29	37	3	W	0.5	7	WSW	70.9	67.7	67.7	30.233
4/20/2022	6:20 PM	71	71	70.9	28	36.2	3	WSW	0.5	7	WNW	71	67.7	67.7	30.232
4/20/2022	6:30 PM	70.8	71.1	70.8	27	35.1	2	SSE	0.33	5	SSE	70.8	67.3	67.3	30.23
4/20/2022	6:40 PM	70	70.8	70	30	37.1	2	SE	0.33	7	SE	70	66.4	66.4	30.23
4/20/2022	6:50 PM	68.6	70	68.6	32	37.5	3	ESE	0.5	11	W	68.6	65.3	65.3	30.231
4/20/2022	7:00 PM	67.8	68.6	67.8	34	38.4	2	SE	0.33	12	SE	67.8	64.9	64.9	30.232

ATTACHMENT 6
WEATHER STATION DATA - APRIL 19-20, 2022
11184 BRISTOL AIR SITE

Date	Time	Rain	Rain Rate	Heat D-D	Cool D-D	In Temp	In Hum	In Dew	In Heat	In EMC	In Air Density	Wind Samp	Wind Tx	ISS Recept	Arc. Int.
4/20/2022	3:20 PM	0	0	0	0.019	62.2	48	42.3	60.1	9.06	0.0763	234	1	100	10
4/20/2022	3:30 PM	0	0	0	0.019	62.7	47	42.2	60.5	8.9	0.0762	234	1	100	10
4/20/2022	3:40 PM	0	0	0	0.022	63.1	47	42.5	61	8.89	0.0761	234	1	100	10
4/20/2022	3:50 PM	0	0	0	0.022	63.6	47	43	61.5	8.88	0.076	234	1	100	10
4/20/2022	4:00 PM	0	0	0	0.024	64	47	43.4	61.9	8.87	0.076	233	1	100	10
4/20/2022	4:10 PM	0	0	0	0.026	64.4	47	43.7	62.4	8.86	0.0759	234	1	100	10
4/20/2022	4:20 PM	0	0	0	0.029	64.8	46	43.5	62.7	8.66	0.0758	234	1	100	10
4/20/2022	4:30 PM	0	0	0	0.031	65.1	46	43.8	63.1	8.65	0.0757	234	1	100	10
4/20/2022	4:40 PM	0	0	0	0.033	65.5	46	44.2	63.5	8.65	0.0757	233	1	100	10
4/20/2022	4:50 PM	0	0	0	0.036	65.8	46	44.4	63.8	8.65	0.0756	234	1	100	10
4/20/2022	5:00 PM	0	0	0	0.038	66.3	46	44.9	64.4	8.65	0.0755	233	1	100	10
4/20/2022	5:10 PM	0	0	0	0.04	66.7	45	44.7	64.8	8.52	0.0755	234	1	100	10
4/20/2022	5:20 PM	0	0	0	0.04	67.1	45	45	65.2	8.51	0.0754	235	1	100	10
4/20/2022	5:30 PM	0	0	0	0.038	67.6	45	45.5	65.8	8.5	0.0753	234	1	100	10
4/20/2022	5:40 PM	0	0	0	0.041	67.9	45	45.8	66.1	8.49	0.0752	233	1	100	10
4/20/2022	5:50 PM	0	0	0	0.041	68.3	44	45.5	66.3	8.35	0.0752	234	1	100	10
4/20/2022	6:00 PM	0	0	0	0.04	68.8	44	46	66.7	8.35	0.0751	233	1	100	10
4/20/2022	6:10 PM	0	0	0	0.041	69.5	44	46.6	67.4	8.35	0.075	234	1	100	10
4/20/2022	6:20 PM	0	0	0	0.042	70.9	44	47.9	69	8.33	0.0747	233	1	100	10
4/20/2022	6:30 PM	0	0	0	0.04	72.7	44	49.5	71.6	8.3	0.0744	234	1	100	10
4/20/2022	6:40 PM	0	0	0	0.035	74.3	44	51	73.5	8.26	0.0742	233	1	100	10
4/20/2022	6:50 PM	0	0	0	0.025	75.5	43	51.4	74.7	8.05	0.074	233	1	100	10
4/20/2022	7:00 PM	0	0	0	0.019	75.9	42	51.2	75	7.93	0.0739	232	1	100	10