

Phase II Environmental Site Assessment

Lewistown VA Clinic 629 Northeast Main Street Lewistown, Montana

Superfund Technical Assessment and Response Team (START) V Contract
Contract No. 68HE0823F0060, Technical Direction No. 2360-2407-02
Document Tracking Number (DTN): 1910a



December 06, 2024

PREPARED FOR

**U.S. Environmental Protection Agency
Region 8
Brownfields and Redevelopment Branch
1595 Wynkoop Street
Denver, Colorado 80202**

PREPARED BY

**Tetra Tech, Inc.
1560 Broadway
Suite 1400
Denver, Colorado 80202
(303) 312-8800**

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
1.1	SUBJECT PROPERTY DESCRIPTION AND BACKGROUND	1
1.2	SCOPE OF WORK	2
2.0	SAMPLING	4
2.1	HAZARDOUS MATERIALS SURVEY	4
2.1.1	ACM Sampling	4
2.1.2	LBP Screening	5
2.2	SOIL VAPOR SAMPLING.....	6
2.2.1	Field Survey and Analytical Protocols	6
2.2.2	Assumptions and Deviations.....	7
2.3	INDOOR AIR.....	7
2.3.1	Field Survey and Analytical Protocols	7
2.3.2	Assumptions and Deviations.....	8
3.0	FINDINGS AND RESULTS	9
3.1	HAZARDOUS MATERIALS SURVEY	9
3.1.1	ACM	9
3.1.2	LBP	9
3.2	SOIL VAPOR	10
3.3	INDOOR AIR.....	11
4.0	CONCLUSIONS AND RECOMMENDATIONS	12
4.1	HAZARDOUS MATERIALS SURVEY	12
4.1.1	ACM	12
4.1.2	LBP	13
4.2	SOIL VAPOR	13
4.3	INDOOR AIR.....	14
5.0	REFERENCES.....	15

TABLES

TABLE 1: SUMMARY OF POSITIVE ANALYTICAL RESULTS FROM SUSPECTED ASBESTOS-CONTAINING MATERIALS

TABLE 2: SUMMARY OF BULK ASBESTOS CONTAINING MATERIALS ANALYTICAL RESULTS

TABLE 3: SUMMARY OF LBP SCREENING RESULTS

TABLE 4: SUMMARY OF SOIL GAS ANALYTICAL RESULTS

TABLE 5: SUMMARY OF INDOOR AIR ANALYTICAL RESULTS

FIGURES

FIGURE 1: SUBJECT PROPERTY LOCATION

FIGURE 2: SUBJECT PROPERTY FEATURES

FIGURE 3: FIRST FLOOR ACM SAMPLING LOCATIONS

FIGURE 4: EXTERIOR ACM SAMPLING LOCATIONS

FIGURE 5: BASEMENT ACM SAMPLING LOCATIONS

FIGURE 6: POSITIVE LBP SCREENING LOCATIONS

FIGURE 7: INDOOR AIR AND SOIL VAPOR SAMPLING LOCATIONS

APPENDICES

APPENDIX A: FIGURES

APPENDIX B: PHOTOGRAPHIC DOCUMENTATION

APPENDIX C: INSPECTOR CERTIFICATIONS

APPENDIX D: ACM SUMMARY TABLE AND ANALYTICAL PACKAGE

APPENDIX E: SOIL GAS AND INDOOR AIR ANALYTICAL PACKAGE

APPENDIX F: DATA VALIDATION PACKAGE

1.0 INTRODUCTION

The U.S. Environmental Protection Agency (EPA) Region 8 Land, Chemicals, and Redevelopment Division tasked Tetra Tech, Inc. (Tetra Tech) Region 8 Superfund Technical Assessment and Response Team (START) V to conduct a Targeted Brownfields Assessment (TBA) Phase II Environmental Site Assessment (ESA) at 629 Northeast Main Street Lewistown, Fergus County, Montana (subject property). Randi Rath and Snowy Mountain Development (SMD) requested assistance under the TBA program from EPA Region 8 to perform a limited-scope Phase II ESA at the subject property.

1.1 SUBJECT PROPERTY DESCRIPTION AND BACKGROUND

The subject property is at 629 Northeast Main Street Lewistown, Fergus County, Montana (Appendix A: Figures, Figure 1). The subject property encompasses 0.88 acres on a single parcel, 08-2467-14-2-08-05-0000, which is currently owned by Revive, LLC (Appendix A: Figures, Figure 2).

The 0.88-acre subject property includes one single-story, brick medical office building, split into two units. One unit houses the Veteran's Affairs Outpatient Clinic (Unit #1) and the other houses the Family Chiropractic Center (Unit #2). The subject property is in a suburban mixed-use residential and commercial area and is bounded to the north by Central City Auto Sales, with residential homes beyond; to the east by Harry's Place, a restaurant, with a preschool beyond; to the south by open space and sparse residential homes, with more open space beyond; and to the west by Tina M. Berg Audiologist and a strip mall, with a car wash and eye center beyond.

The subject property is depicted on the 2020 U.S. Geological Survey (USGS) 7.5-minute series Lewistown, Montana Topographic Quadrangle Map (USGS 2020). The subject property is in the center section of the map. Coordinates at the approximate center of the subject property are latitude 47.069616 degrees north and longitude -109.408372 degrees west (Tetra Tech 2024a).

In 2024, Revive, LLC applied for support for a TBA Phase I ESA for the subject property through EPA's Region 8 Brownfields program. The Phase I ESA identified the following recognized environmental conditions (REC), historical RECs (HREC), vapor encroachment conditions (VEC), business environmental risks (BER), and non-scope considerations for the subject property (Tetra Tech 2024a).

- The northern adjacent property was used as a gas station from 1963 to 1969, and as an auto sales lot with an attached maintenance garage since 1979. The historical use of the northern adjacent property and the potential for releases related to that use are considered a VEC.
- Based on the age of the building on the subject property, the possible presence of lead-based paint (LBP) is considered a BER for the subject property.
- Based on the age of the building on the subject property, the potential presence of asbestos-containing material (ACM) is considered a BER for the subject property.
- The pole-mounted transformer on the southern end of the subject property is rusted, and no markings are visible showing an identification number or stating that no polychlorinated biphenyl

(PCB) chemicals were used in the manufacture of the transformer. The transformer is considered to pose a BER for the subject property.

1.2 SCOPE OF WORK

The scope of the limited Phase II ESA, as defined by EPA, was to investigate the presence and concentrations of potential contamination related to historical use of the subject property and conduct a hazardous materials survey. There are potential vapor intrusion concerns related to the historical use of the adjacent northern property, and no previous remedial investigations have occurred at the subject property. START conducted the following activities at the subject property in October 2024:

- During a hazardous materials survey, collected samples of suspected ACM and screened for LBP. Photographic documentation is provided in Appendix B.
- Collected three indoor air samples to be analyzed for air-phase petroleum hydrocarbon (APH) and volatile organic compounds (VOC).
- Collected two soil vapor samples (one sub-slab and one exterior) to be analyzed for APH and VOCs.

START V's Project Manager for the survey was Steven Esrey. The field team included Jimi Gordon, a Montana licensed asbestos inspector and EPA licensed LBP inspector, and Taylor Spielberg, a Montana licensed asbestos inspector. Inspector certifications are provided in

START V submitted a site-specific Sampling and Analysis Plan (SAP) (Tetra Tech 2024b) to EPA. EPA approved the SAP before the survey at the subject property. Field activities performed on October 1 through 4, 2024, accorded with the SAP, except where noted in Section 2.0.

START V prepared this report in accordance with generally accepted industry practices and procedures. This report does not cover or comment on structural areas not assessed either visibly or by sample collection. The data evaluation and assessment stated herein constitute a professional opinion; no other warranty is expressed or implied. Section 2.0 specifies assumptions and deviations regarding the survey at the subject property. Prior to any renovations or demolition of the subject property building, further survey work may be needed to comply with all local, state, and federal requirements regulating ACM, LBP, or other contaminants.

START V provided these services consistent with the level and skill ordinarily exercised by members of the profession currently practicing under similar conditions. This statement is in lieu of other statements either expressed or implied. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document, the findings, conclusions, or recommendations is at the risk of said user. This survey report does not warrant against future operations or conditions that may not be consistent with its recommendations. Moreover, because of some limitations on destructive sampling during the survey, completion of this Phase II ESA does not guarantee identification of all ACM. Hazardous materials may be present in voids of walls, ceilings, or other concealed areas not identified or inspected by the project team.

Section 2.0 specifies field and analytical activities and protocols and conveys assumptions and deviations. Section 3.0 presents analytical results. Section 4.0 presents conclusions and offers recommendations based on assessment findings. Section 5.0 lists sources referenced during development of this report.

2.0 SAMPLING

START V assessed the subject property on October 1 through 4, 2024, as described in this section.

2.1 HAZARDOUS MATERIALS SURVEY

2.1.1 ACM Sampling

The asbestos survey evaluated the subject property building for presence, quantity, locations, and characterization of ACM that may require abatement before renovation or demolition activities, in accordance with Asbestos Hazard Emergency Response Act (AHERA) and National Emissions Standards for Hazardous Air Pollutants (NESHAP) regulations (AHERA 1986) as adopted by EPA. The intent of the asbestos NESHAP regulations is to protect the public and workers by minimizing the release of asbestos fibers during activities involving processing, handling, and disposal of ACM. Inhalation of asbestos fibers can cause cancer and other lung diseases (Agency for Toxic Substances and Disease Registry [ATSDR] 2016). The asbestos survey accorded with industry standard practice for hazardous materials surveys. Samples of suspected ACM were collected in accordance with NESHAP regulations as adopted by EPA.

2.1.1.1 *Field Survey and Analytical Protocols*

START V attempted to inspect all areas of the subject property building. Minor demolition of materials (destructive sampling) was required during the survey effort. Collection of suspect ACM samples accorded with NESHAP, as adopted by EPA, and AHERA protocols. AHERA defines “ACM” as any material or product that contains more than 1 percent (%) asbestos (AHERA 1986). Suspected ACMs were grouped as homogeneous areas if the material was similar in appearance and texture; however, if the inspector decided a material (for example, wall texturing) was not similar in appearance and texture to other materials in the subject property building, the inspector distinguished the material as unique and collected samples of each unique material accordingly.

Bulk samples of suspected ACM were collected to ensure each distinct layer of material was represented in the sample. A wetting agent was applied to friable surfaces before sample collection to reduce the potential for fiber release. All samples collected were placed in plastic bags, labeled, and sealed immediately upon collection. A unique sample identification number was assigned to each sample. To prevent cross-contamination between samples, the sampling instruments were wiped clean using a wet, lint-free cloth after collection of each sample.

The bulk samples of suspected ACM remained in the inspector’s custody until sent to the laboratory. Upon completion of sampling activities, the samples were sent, along with START V’s chain-of-custody documentation, to Eurofins EMLab P&K for analysis per EPA Method 600/R-93/116 via polarized light microscopy (PLM) (EPA 1993). Eurofins EMLab P&K is a National Voluntary Laboratory Accreditation Program-certified laboratory. Section 3.1.1 summarizes ACM analytical results. Table 2 at the end of this

report's text lists sample numbers and Figures 3 through 5 in Appendix A: Figures show these sample locations. Appendix D: ACM Analytical Package presents ACM analytical results, chain-of-custody forms for the bulk samples, and the data validation report. Appendix B presents the photolog of suspect ACM material collected from the subject property building.

2.1.1.2 Assumptions and Deviations

Upon arrival at the subject property, the START V inspectors were informed that Revive, LLC had already conducted major renovations in Unit #2 of the building and had begun renovations of the basement. Therefore, as directed by EPA, the START V inspectors did not sample Unit #2 for ACM because renovations had been completed. Only Unit #1, the Veteran's Affairs Clinic was sampled.

START V inspected the interior and exterior of the subject property building for suspected ACM. START V visually surveyed the roof of the subject property building (Figure 2) from the edges but did not get on the roof. Roof sample cores were collected from the edges of the roof.

Montana asbestos regulations require a minimum of three samples for materials that meet the definition of a miscellaneous material, a sample taken from a building material that is suspect for asbestos but is not surfacing material or thermal system insulation (Montana Department of Environmental Quality [DEQ] 2024). At the time of sampling, sample material DW02 was visually determined to be a single homogenous area and three samples were collected. Analytical results indicated that, at minimum, there are two different types of joint compound within DW02. Therefore, START V collected only one sample of the off-white variation of the joint compound in sample DW02-B and only two of the white drywall compound in samples DW02-A and DW02-C. This variation is acceptable because all samples were collected under the assumption they represented the same homogeneous drywall wallboard. As long as the samples were collected in accordance with AHERA guidelines for homogeneous areas, variations in the wallboard layers can be expected and do not invalidate the overall sampling process.

Because of limitations on destructive sampling methods, additional suspect materials may be present but not detected in walls, voids, or other concealed areas.

2.1.2 LBP Screening

START V inspectors screened for presence, quantity, and locations of LBP exceeding lead hazard levels which would require Occupational Safety and Health Administration (OSHA) worker safety precautions during redevelopment activities. The subject property building was constructed prior to 1978, and LBP likely was used in the build-out of the structure. The LBP survey proceeded according to protocols similar to the single-family housing inspection procedures in U.S. Department of Housing and Urban Development (HUD) guidelines (HUD 2012). EPA and HUD define LBP as any surface coating that contains at least 1.0 milligram per square centimeter (mg/cm²) or 0.5 % lead by weight. START V screened paint-covered interior and exterior surfaces using a Sci Aps X-550 x-ray fluorescence (XRF) spectrometer.

Table 3 lists sample numbers and Section 3.1.2 summarizes the LBP screening results. Positive screening locations corresponding to the sample numbers in Table 3 are shown on Figure 6 in Appendix A: Figures.

2.1.2.1 *Field Survey and Analytical Protocols*

START V inspectors used a field XRF screening methodology to assess the presence of LBP. XRF is identified as the principal means to determine lead in paint in the HUD guidelines (HUD 2012). The inspection team used a Sci Aps X-550 XRF unit, which automatically calculates measurable amounts of lead in paint by correcting for substrate conditions, for these screenings. The Sci Aps X-550 XRF unit has a Performance Characteristic Sheet; therefore, the LBP screening results are considered HUD-compliant for residential housing or child-occupied facilities.

Components screened for LBP included accessible interior and exterior building components. Components were cataloged based on location and general description, observed condition, lead concentration for the component, and estimated quantity.

START V inspectors conducted XRF calibration checks on the Sci Aps X-550 XRF spectrometer according to Sci Ap's recommended protocol and HUD guidelines (HUD 2012). These quality control (QC) readings monitor the performance of the Sci Aps X-550 XRF spectrometer. Calibration check readings were taken at the beginning and end of operation and every 4 hours during operation using a standard reference material (mounted on a wood block) provided with the Sci Aps X-550 XRF. For LBP screening.

2.1.2.2 *Assumptions and Deviations*

No deviations from the SAP were noted.

2.2 SOIL VAPOR SAMPLING

START V personnel collected soil vapor samples at two locations on the subject property.

2.2.1 Field Survey and Analytical Protocols

Interior Sub-Slab Vapor Sample Collection

Soil vapor was sampled at one location in the basement of the building (Figure 7). The location was selected based on accessibility.

One sub-slab soil vapor sample was collected. A hammer drill was used to drill a 5/8-inch-diameter hole through the concrete floor of the basement floor and approximately 1 inch into the soil below. The drill was removed, and the hole was cleaned with a bottle brush. A vapor pin assembly was hammered into the hole, capped, and allowed to re-equilibrate for approximately 1 hour. A laboratory-supplied regulator and a 6-liter Summa canister were connected by new tubing to the vapor pin. A shroud leak detection test was conducted using high-purity helium gas as a tracer. After leak testing, the sampling train was purged and

the vapor sample was collected. Regulators were adjusted to flow slowly for an approximate 30-minute sample period. After the sample was collected, the vapor pin was removed, and the hole was patched with concrete.

Exterior Soil Vapor Sample Collection

Soil vapor was sampled at one location on the northern exterior of the building (Figure 7). A hammer drill was used to drill a 5/8-inch-diameter hole through the concrete pad next to the entry stairs of Unit #1 and approximately 1 inch into the soil below. The drill was removed, and the hole was cleaned with a bottle brush. A vapor pin assembly was hammered into the hole, capped, and allowed to re-equilibrate for approximately 1 hour. A laboratory-supplied regulator and a 6-liter Summa canister was connected by new tubing to the vapor pin. A shroud leak detection test was conducted using high-purity helium gas as a tracer. After leak testing, the sampling train was purged, and the sample was collected. Regulators were adjusted to flow slowly for an approximate 30-minute sample period. After the sample was collected, the vapor pin was removed and the hole were patched with concrete.

The samples remained in the inspector's custody until sent to the laboratory. Upon completion of sampling activities, soil vapor samples were shipped, along with START's chain-of-custody documentation. The samples were analyzed for VOCs via EPA Method TO-15, and APHs using the Massachusetts APH method.

Section 3.2 summarizes soil vapor analytical results. Sample locations are shown on Figure 7 in Appendix A: Figures Appendix E: Soil Gas and Indoor Air Analytical Package presents soil vapor analytical results and chain-of-custody forms. Appendix F: Data Validation Package presents the data validation report.

2.2.2 Assumptions and Deviations

The SAP indicates a duplicate soil vapor sample would be collected. However, no duplicate soil vapor sample was collected because sampling equipment was being held by FedEx.

2.3 INDOOR AIR

Indoor air samples were collected at three locations on the subject property.

2.3.1 Field Survey and Analytical Protocols

Three indoor air samples were collected in the building using active sampling methods and 6-liter Summa canisters. One sample was collected from each unit, and the basement of the building. Regulators were adjusted to flow slowly for an approximate 8-hour sample period. Each Summa canister was placed at least 3 feet from any exterior door or window and was not placed directly under blowing air. Exterior doors remained closed except for normal entry and exit; windows remained closed throughout the testing period.

The samples remained in the inspector's custody until sent to the laboratory. Upon completion of sampling activities, samples were shipped, along with START's chain-of-custody documentation, via FedEx ground to SGS in Dayton, New Jersey, on October 4, 2024. The samples were analyzed for VOCs via EPA Method TO-15, and APH fractions using the Massachusetts APH method. Section 3.3 summarizes indoor air analytical results. Sample locations are shown on Figure 7 in Appendix A: Figures Appendix E: Soil Gas and Indoor Air Analytical Package presents indoor air analytical results and chain-of-custody forms. Appendix F: Data Validation Package presents the data validation report.

2.3.2 Assumptions and Deviations

There were no deviations from the SAP.

3.0 FINDINGS AND RESULTS

A START data validator reviewed analytical reports according to Tetra Tech's Standard Operating Procedure 203-1, "Laboratory Analytical Data Verification" (Tetra Tech 2021). The data verification reports are included in the relevant appendices with the analytical reports. Based on results of the data verification, all data were considered usable for this report.

3.1 HAZARDOUS MATERIALS SURVEY

This section presents the findings of the Hazardous Materials Survey.

3.1.1 ACM

Appendix D: ACM Analytical Package presents the analytical report for samples of suspected ACM collected at Unit #1, basement, and exterior of the building on the subject property, chain-of-custody documentation, and data validation report. Analytical results for building materials in which asbestos was detected are summarized in Table 1. Bolded and orange shaded results in Table 1 and Table 2 indicate where asbestos was detected at a concentration greater than 1% using the PLM or PC analytical method. Sample locations are shown on Figures 3 through Figure 6 in Appendix A: Figures. Analytical results indicated that the following materials contained asbestos at a concentration greater than 1%:

- Off-white joint compound from a composited wallboard system (represented by sample LV-B1-DW02-B) observed throughout the subject property's building. The joint compound contained 1.3% and 1.4% chrysotile asbestos, with a total estimated quantity of 5,200 square feet (SF).
- Black sink undercoat (represented by samples LV-B1-SU01-A,B,C) observed in Room 11 in Unit #1. The black sink undercoat contained 2% chrysotile asbestos and was found on one sink with an estimated area of 3 SF.

The assumed quantity of the off-white joint compound is based upon the square footage of the entire DW02 wall system visually observed throughout the subject property, creating a conservative bias towards an overestimated quantity. Under a 1994 EPA Ruling, a wall system sample, defined as wallboard and drywall joint compound (EPA 1994), can be composited and the weighted average of the asbestos content (percentage) of the wallboard system as a whole can be used for ACM determination which, in most cases, would cause the joint compound ACM content to be lower than 1% asbestos. However, as the total amount of positively identified ACM drywall joint compound cannot be determined with the samples the START V inspectors collected a conservative estimate of the quantity is provided.

3.1.2 LBP

LBP was identified on building components on the exterior of the subject property building. A summary of LBP found on the exterior of building is provided below. The summary includes paint that had a

concentration of lead detected above the Housing and Community Development Act of 1987 (Public Law 100-242) definition of LBP (greater than or equal to 1.0 mg/cm²).

- White paint on a wooden window frame on basement wall D.
- Tan paint on the wood wall A and the window, window frame, and windowsill on exterior wall A.
- Tan paint on metal flashing along exterior wall A.
- Cream paint on the wooden soffit on exterior wall A.
- White paint on the wood exterior wall A
- White paint on the wooden window, window frame, and windowsill on exterior wall B.

A summary of screening results for LBP using the XRF spectrometer is provided in Table 3. Bolded and orange shaded results in Table 3 indicate where LBP was detected at a concentration equal to or greater than 1.0 mg/cm². Positive LBP XRF screening locations are shown on Figure 6 in Appendix A: Figures.

3.2 SOIL VAPOR

Appendix E: Soil Gas and Indoor Air Analytical Package presents analytical results for the soil vapor samples and sample chain-of-custody documentation. Appendix F: Data Validation Package presents the data validation report. Analytical results are summarized in Table 4. Per the Montana DEQ Vapor Intrusion Guide (DEQ 2021), analytical results from soil vapor samples were compared to EPA Industrial Air Regional Screening Levels (RSL) with a target excess cancer risk level of one per one million (10⁻⁶) and a target hazard quotient of 0.1, EPA Commercial Vapor Intrusion Screening Levels (VISLs (EPA 2024) for Target Sub-Slab and Near-Source soil gas concentration with a target excess cancer risk level of 1x10⁻⁶ and a target hazard quotient of 0.1, and Montana DEQ Generic APH Screening Levels. A bolded result in Table 4 indicates the analyte was detected. A green-shaded and bolded cell indicates the analyte detection limit exceeded the project screening level and the analyte was not detected, while a bolded, orange shaded cell indicates a detection above the Montana DEQ APH fraction screening limit. The sample locations appear on Figure 7 in Appendix A.

For both samples, the concentration of APHs C5- C8 Aliphatics and C9- C12 Aliphatics exceeded the Montana DEQ APH screening levels of 260 and 44 micrograms per cubic meter (ug/m³), respectively.

Tetrachloroethylene (PCE) exceeded the EPA Industrial RSL of 18 ug/m³ in sample LV-02-SV-G-00-06-20241004 but did not exceed the EPA VISL of 584 ug/m³.

No detected VOC concentration exceeded the applicable EPA VISL for sub-slab soil gas concentrations.

The reporting limit or method detection limit for at least one soil gas sample was above the project screening level for 1,3-butadiene, naphthalene, 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,1-dichloroethylene, 1,2,4-trichlorobenzene, 1,2-dibromoethane, 1,2-dichloroethane, 1,2-dichloropropane,

1,4-dioxane, benzyl chloride, bromodichloromethane, bromomethane, carbon tetrachloride, and chloroform; the reporting limits and method detection limits were above the EPA Industrial RSL in both samples, but beneath the EPA VISLs.

3.3 INDOOR AIR

Appendix E: Soil Gas and Indoor Air Analytical Package presents the analytical report for the indoor air sample results and sample chain-of-custody documentation. Appendix F: Data Validation Package presents the data validation report. Analytical results are summarized in Table 5. Analytical results for indoor air samples were compared to EPA's Industrial RSLs (for industrial indoor air) with a target excess cancer risk level of 1×10^{-6} and a target hazard quotient of 0.1 and Montana DEQ Generic APH Fraction Screening Levels. A bolded result in Table 5 indicates the analyte was detected. A bolded, green shaded cell indicates the analyte detection limit exceeded the project screening level and the analyte was not detected. A bolded, yellow-shaded indicates detection above the EPA Industrial RSL while a bolded, orange shaded cell indicates detection above the Montana DEQ APH fraction screening level. A bolded, red shaded cell indicates the analyte exceeded both the EPA Industrial RSL and the Montana DEQ APH screening levels. The sample locations appear on Figure 7.

APH C5- C8 Aliphatics was detected above the Montana DEQ APH screening level of 260 ug/m³ in samples LV-03 and LV-05. APH C9- C12 Aliphatics was detected above both the EPA Industrial RSL and the Montana DEQ APH screening level of 44 ug/m³ in samples LV-03, LV-04, and LV-05.

Chloroform and isopropyl alcohol were detected above the EPA Industrial RSLs of 0.54 ug/m³ and 88 ug/m³, respectively in samples LV-03 and LV-05. Ethyl Acetate was detected above the EPA Industrial RSL of 31 ug/m³ in samples LV-04 and LV-05.

- The following bullets summarize analytes for which the reporting limit or method detection limit for at least one indoor air sample was above the project screening level:
- For 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,2-dibromoethane (EDB), hexachlorobutadiene, and p-dichlorobenzene the reporting limits and method detection limits were above project screening levels in all indoor air samples. The analytes were not detected in any samples.
- For 1,2-dichloroethane, 1,3-butadiene, benzyl chloride, bromodichloromethane, naphthalene, the reporting limits were above project screening levels in all indoor air samples. The analytes were not detected in any samples.
- For chloroform, the reporting limits were above project screening levels in two samples. The analyte was detected in two samples.
- For carbon tetrachloride, the reporting limit was above project screening levels in one sample. The analyte was not detected in any samples.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are based on observations during the survey and analytical results from screening and sampling at the subject property.

4.1 HAZARDOUS MATERIALS SURVEY

This section presents results for ACM and LBP.

4.1.1 ACM

ACM was identified throughout the subject property as identified in Table 1 and Table 2. ACM was identified in the following areas:

- Off-white joint compound from a composited wallboard system (represented by LV-B1-DW02-B sample) observed throughout the subject property. The joint compound contained 1.3% and 1.4 chrysotile asbestos, with a total estimated quantity of 5,200 SF.
- Black sink undercoat (represented by samples LV-B1-SU01-A,B,C) observed in Room 11 in Unit #1. The black sink undercoat contained 2% asbestos chrysotile and was identified on one sink with an estimated total area of 3 SF.

The assumed quality of the off-white joint compound's assumed quality is based upon the square footage of the entire DW02 wall system visually observed throughout the subject property, creating . Therefore, it should be noted that this is a bias-high overestimated quantity. Under a 1994 EPA Ruling, a wall system sample, defined as wallboard and drywall joint compound (EPA 1994), can be composited and the weighted average of the asbestos content (percentage) of the wallboard system as a whole can be used for asbestos-containing material determination which, in most cases, would cause the joint compound ACM content to be lower than 1% percent asbestos. However, as the total amount of positively identified ACM drywall joint compound cannot be determined with the samples the START V inspectors collected, an overestimated amount quantity has is being used.

The removal and disposal of ACM is regulated under NESHAP in 40 Code of Federal Regulations (CFR) Part 61 and Montana Administrative Rules 17.74. Worker exposure to asbestos during construction operations, including ACM removal, is regulated under 29 CFR 1926.1101. OSHA has established worker protection measures for the removal of asbestos from facilities, including training and medical monitoring requirements for personnel engaging in the oversight and removal of ACM, exposure limits, respiratory protection, personal protective equipment (PPE) levels, safe work practices and engineering controls, and storage of wastes.

All ACM should be removed by a licensed asbestos abatement contractor before renovation or demolition work disturbs the material. The removed waste must be disposed of in accordance with state and local regulations.

4.1.2 LBP

Various colors of LBP were detected on the exterior of the subject property as identified in Table 3. LBP was identified in the following areas:

- White paint on a wooden window frame on basement wall D.
- Tan paint on the wood wall A as well as the window, window frame, and windowsill on exterior wall A.
- Tan paint on metal flashing along exterior wall A.
- Cream paint on the wooden soffit on exterior wall A.
- White paint on the wood exterior wall A
- White paint on the wooden window, window frame, and windowsill on exterior wall B.

In Montana, the removal of LBP is regulated under EPA Title IV of the Toxic Substances Control Act, 40 CFR Part 745. OSHA provisions for the removal of LBP from the workplace include training requirements for personnel engaging in the oversight and removal of LBP, exposure limits, respiratory protection, PPE, work practices and engineering controls, and storage of wastes.

OSHA regulations pertaining to the disturbance of paint with any concentration of lead require that safe work practices be used to reduce exposure to harmful levels of lead regardless of the work being performed. Safe work practices may include the use of PPE (respiratory protector, disposable coveralls, and eye protection), initial exposure assessment, and use of wet methods.

Given the presence of LBP associated with the subject property, START V recommends that renovation activities involving any painted surfaces be conducted by a contractor who has received a minimum certification of OSHA Lead in Construction Training (commonly referred to as OSHA Lead Awareness Training).

Property owners are required to distribute educational information to all building occupants. Standard warning language in leases or sales contracts must also include information regarding the protection of children from LBP hazards.

START V also recommends that any contractor preparing to bid on or perform work on the subject property should be informed of the presence of LBP on the subject property building, and that demolition activities involving any painted surfaces be conducted by a contractor who has received a minimum certification of OSHA Lead Awareness Training. START V recommends that the contractor conducting the renovation or demolition comply with OSHA Lead in Construction Standard, 29 CFR Part 1926.62. LBP debris should be characterized and disposed of in accordance with state and local regulations.

4.2 SOIL VAPOR

The concentration for APHs C5-C8 Aliphatics and C9-C12 Aliphatics exceeded the Montana DEQ APH screening levels of 260 and 44 ug/m³, respectively, in both samples.

Tetrachloroethylene (PCE) exceeded the EPA Industrial Air RSL of 18 ug/m³ in sample LV-02-SV-G-00-06-20241004 but did not exceed the EPA VISL of 584 ug/m³.

No detected VOC concentration exceeded the applicable EPA VISL for sub-slab soil gas concentrations.

Analytes for which the reporting limit or method detection limit for at least one soil gas sample was above the project screening level include: 1,3-butadiene, naphthalene, 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,1-dichloroethylene, 1,2,4-trichlorobenzene, 1,2-dibromoethane, 1,2-dichloroethane, 1,2-dichloropropane, 1,4-dioxane, benzyl chloride, bromodichloromethane, bromomethane, carbon tetrachloride, and chloroform (see Table 3).

START V recommends sealing all potential vapor infiltration points between the sub-slab soil and the building interior to prevent potential vapor intrusion. Infiltration points may be present where drains or utilities penetrate the basement slabs and walls below grade or cracks have formed. A passive vapor extraction system or a sub-slab depressurization system similar to a radon abatement system are also long-term soil gas mitigation options to consider.

4.3 INDOOR AIR

APH C5-C8 Aliphatics was detected above the Montana DEQ APH screening level of 260 ug/m³ in samples LV-03 and LV-05. APH C9-C12 Aliphatics was detected above both the EPA Industrial Air RSL and the MDQ APH screening levels (both 44 ug/m³) in samples LV-03, LV-04, and LV-05.

Chloroform and isopropyl alcohol was detected above the EPA Industrial Air RSL of 0.53 ug/m³ and 88 ug/m³ respectively in samples LV-03 and LV-05. Ethyl Acetate was detected above the EPA Industrial Air RSL of 31 ug/m³ in samples LV-04 and LV-05. The following bullets summarize analytes for which the reporting limit or method detection limit for the indoor air samples was above the project screening level:

- For 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, 1,2-dibromoethane (EDB), hexachlorobutadiene, and p-dichlorobenzene the reporting limits and method detection limits were above project screening levels for all indoor air samples. The analytes were not detected in any samples.
- For 1,2-dichloroethane, 1,3-butadiene, benzyl chloride, bromodichloromethane, naphthalene, the reporting limits were above project screening levels in all indoor air samples. The analytes were not detected in any samples.
- For chloroform, the reporting limits were above project screening level for two samples. As stated in paragraph 1, the analyte was detected in two samples.
- For carbon tetrachloride the reporting limits were above project screening level in one sample. The analyte was not detected in any samples.

Because chloroform and isopropyl alcohol were not detected in the sub-slab soil vapor samples collected, the source of this chemical in indoor air is possibly from materials stored within the building. If the area in which chloroform and isopropyl alcohol were detected is planned for occupancy, the source should be determined and mitigated.

5.0 REFERENCES

- Agency for Toxic Substance and Disease Registry (ATSDR). 2016. Health Effects of Asbestos. Last updated November 3. On-Line Address: https://www.atsdr.cdc.gov/asbestos/health_effects_asbestos.html
- Asbestos Hazard Emergency Response Act (AHERA). 1986. "Asbestos Hazard Emergency Response Act of 1986." Revised August 2017.
- Montana Department of Environmental Quality (DEQ). 2021. Montana Vapor Intrusion Guide.
- DEQ. 2024. Administrative Rules of Montana, Subchapter 17.74.3 Asbestos Control. Administrative Rules of Montana. Revision 2. September. On-Line Address: [Asbestos Control | Administrative Rules of Montana](#)
- Tetra Tech. 2024a. Targeted Brownfields Assessment – Phase I Environmental Site Assessment Lewistown VA Clinic. July.
- Tetra Tech. 2024b. Sampling and Analysis Plan – Lewistown VA Clinic. Revision 1. September.
- U.S. Department of Housing and Urban Development (HUD). 2012. Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing. Second Edition. July.
- U.S. Environmental Protection Agency (EPA). 1986. Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials. EPA 560/5-85-030a. October.
- EPA. 1993. *Test Method: Method for the Determination of Asbestos in Bulk Building Materials*. EPA/600/R-93/116. Washington, DC: Office of Research and Development. July. On-Line Address: <https://www.nist.gov/system/files/documents/nvlap/EPA-600-R-93-116.pdf>
- EPA. 1994. Asbestos NESHAP Clarification Regarding Analysis of Multi-layered Systems. Federal Register Volume 59 Rules and Regulations, 40 CFR Part 61. On-line Address: [Federal Register, Volume 59 Issue 3 \(Wednesday, January 5, 1994\)](#)
- EPA. 2017. Asbestos Hazard Emergency Response Act of 1986. 40 *Code of Federal Regulations* Part 763, Subpart E. Updated July 1. On-line Address: https://www.epa.gov/sites/production/files/documents/2003pt763_0.pdf
- EPA. 2024. Vapor Intrusion Screening Levels (VISLs) Calculator. November. On-line Address: <https://www.epa.gov/vaporintrusion/vapor-intrusion-screening-level-calculator>
- U.S. Geological Survey (USGS). 2020. 7.5-minute series Lewistown, Montana Topographic Quadrangle Map.

TABLES

Table 1: Summary of Positive Analytical Results from Suspected Asbestos-Containing Materials

Table 1: Summary of Positive Analytical Results from Suspected Asbestos-Containing Materials
Lewistown VA Clinic

Sample Number	Sample ID	Material Description	Material Locations	Analytical Result (% asbestos*)	Friability	Estimated Quantity
41	LV-B1-DW02-B	Joint Compound	VA Clinic Drywall	1.3% Chrysotile	F	5,200 SF
	LV-B1-DW02-B	Tape	VA Clinic Drywall	ND		
	LV-B1-DW02-B	Joint Compound	VA Clinic Drywall	1.4% Chrysotile		
	LV-B1-DW02-B	Drywall with Brown Paper	VA Clinic Drywall	ND		
67	LV-B1-SU01-A	Undercoat	Black Sink Undercoating	2% Chrysotile	F	3 SF
68	LV-B1-SU01-B		Black Sink Undercoating	2% Chrysotile		
69	LV-B1-SU01-C		Black Sink Undercoating	2% Chrysotile		

Notes:

Bold ACM (> 1% asbestos) or assumed ACM

* AHERA defines ACM as any material or product that contains more than 1 percent asbestos (AHERA 1986).

Sample 41 result is for the Point Count analytical method. Sample 67-69 results are for the Polar Light Microscopy method (see Table 2 notes).

% Percent

ACM Asbestos-containing material

AHERA Asbestos Hazard and Emergency Response Act

F Friable

LF Linear feet

ND Not detected

SF Square feet

Sample Nomenclature Key

LV	-B1	-CT04	-A
Site Code	Building Number	Homogeneous Area Type and Number	Sample Number

Table 2: Summary of Bulk Asbestos Containing Materials Analytical Results

Table 2: Summary of Analytical Results from Suspected Asbestos-Containing Materials
Lewistown VA Clinic

Sample Number	Sample ID	Material Description	Material Layers	Material Collection Location	Material Locations	Analytical PLM Result (% asbestos) ^{1,2}	Analytical PC Result (% asbestos)	Friability	Estimated Quantity	
1	LV-B1-BM01-A	Exterior Brick	Brown Brick	Exterior	Exterior	ND	---	NF	2,000 SF	
			Gray Mortar			ND	---			
2	LV-B1-BM01-B		Brown Brick	Exterior		ND	---			
			Gray Mortar			ND	---			
3	LV-B1-BM01-C		Brown Brick	Exterior		ND	---			
			Gray Mortar			ND	---			
4	LV-B1-CON01-A	Concrete	Gray Concrete	Exterior	Foundation	ND	---	NF	3,200 SF	
5	LV-B1-CON01-B		Gray Concrete			Exterior	ND			---
6	LV-B1-CON01-C		Gray Concrete			Exterior	ND			---
7	LV-B1-SHSD01-A	Siding	Brown Fiberboard with Paint	Exterior	Exterior	ND	---	NF	1,000 SF	
8	LV-B1-SHSD01-B		Brown Fiberboard with Paint			Exterior	ND			---
9	LV-B1-SHSD01-C		Brown Fiberboard with Paint			Exterior	ND			---
10	LV-B1-CON02-A	Concrete ramps	Gray Concrete	Exits	Wheelchair ramps	ND	---	NF	250 SF	
11	LV-B1-CON02-B		Gray Concrete			Exits	ND			---
12	LV-B1-CON02-C		Gray Concrete			Exits	ND			---
13	LV-B1-CON03-A	Concrete ramp patch	Gray Concrete	Unit 2 Exit	West ramp	ND	---	NF	5 SF	
14	LV-B1-CON03-B		Gray Concrete			Unit 2 Exit	ND			---
15	LV-B1-CON03-C		Gray Concrete			Unit 2 Exit	ND			---
16	LV-B1-CK01-A	Window caulk	White Caulk	Exterior	Exterior Windows	ND	---	NF	500 LF	
17	LV-B1-CK01-B		White Caulk			Exterior	ND			---
18	LV-B1-CK01-C		White Caulk			Exterior	ND			---
19	LV-B1-BM02-A	Cinder blocks	Gray Brick	North exterior	Exterior planters	ND	---	NF	200 SF	
			Gray Mortar			ND	---			
20	LV-B1-BM02-B		Gray Brick	North exterior		ND	---			
			Gray Mortar			ND	---			
21	LV-B1-BM02-C		Gray Brick	North exterior		ND	---			
			Gray Mortar			ND	---			
22	LV-B1-PL01-A	Plaster	Gray Plaster	North exterior	Under colored tiles	ND	---	NF	300 SF	
23	LV-B1-PL01-B		Gray Plaster			North exterior	ND			---
24	LV-B1-PL01-C		Gray Plaster			North exterior	ND			---
25	LV-B1-GR01-A	Grout	Beige Ceramic Tile	North exterior	With colored tiles	ND	---	NF	300 SF	
			White Grout			ND	---			
			White Mortar			ND	---			
26	LV-B1-GR01-B		Beige Ceramic Tile	North exterior		ND	---			
			White Grout			ND	---			
			White Mortar			ND	---			
27	LV-B1-GR01-C		Beige Ceramic Tile	North exterior		ND	---			
			White Grout			ND	---			
			Beige Mortar			ND	---			
28	LV-B1-CON04-A	Concrete	Gray Concrete	Front stairs	North entrance	ND	---	NF	100 SF	
29	LV-B1-CON04-B		Gray Concrete			Front stairs	ND			---
30	LV-B1-CON04-C		Gray Concrete			Front stairs	ND			---
31	LV-B1-BM03-A	Exterior brick	Brown Brick	Front stairs	North entrance	ND	---	NF	100 SF	
			Gray Mortar			ND	---			
32	LV-B1-BM03-B		Brown Brick	Front stairs		ND	---			
			Gray Mortar			ND	---			
33	LV-B1-BM03-C		Brown Brick	Front stairs		ND	---			
			Gray Mortar			ND	---			
34	LV-B1-RS01-A	Roof	Black Roofing Shingle with Pebbles	Roof	Roof	ND	---	NF	6,200 SF	
			Black Roofing Tar			ND	---			
			Black Roofing Felt			ND	---			
35	LV-B1-RS01-B		Black Roofing Shingle with Pebbles	Roof		ND	---			
			Black Roofing Tar			ND	---			
			Black Roofing Felt			ND	---			

Table 2: Summary of Analytical Results from Suspected Asbestos-Containing Materials
Lewistown VA Clinic

Sample Number	Sample ID	Material Description	Material Layers	Material Collection Location	Material Locations	Analytical PLM Result (% asbestos) ^{1,2}	Analytical PC Result (% asbestos)	Friability	Estimated Quantity
36	LV-B1-RS01-C	Roof	Black Roofing Shingle with Pebbles	Roof	Roof	ND	---	NF	6,200 SF
			Black Roofing Tar			ND	---		
			Black Roofing Felt			ND	---		
37	LV-B1-CBM01-A	4" cove base/mastic	Gray Baseboard	Interior	Throughout	ND	---	NF	650 SF
38	LV-B1-CBM01-B		Yellow Mastic	Interior		ND	---		
			Gray Baseboard			ND	---		
39	LV-B1-CBM01-C		Yellow Mastic	Interior		ND	---		
			Gray Baseboard			ND	---		
40	LV-B1-DW02-A	Drywall	White Joint Compound with Paint	Interior	Throughout	ND	---	F	5,200 SF
			Cream Tape			ND	---		
			White Joint Compound			ND	---		
			White Drywall with Brown Paper			ND	---		
41	LV-B1-DW02-B		Off-White Joint Compound with Paint	Interior		2%	1.3%		
			Cream Tape			ND	---		
			Off-White Joint Compound			2%	1.4%		
			White Drywall with Brown Paper			ND	---		
42	LV-B1-DW02-C		White Joint Compound with Paint	Interior		ND	---		
			Cream Tape			ND	---		
			White Joint Compound			ND	---		
			White Drywall with Brown Paper			ND	---		
43	LV-B1-FT01-A	6" ceramic floor tile	Brown Tile	Vestibule	Vestibule	ND	---	NF	105 SF
			Gray Mortar			ND	---		
44	LV-B1-FT01-B		Brown Tile	Vestibule		ND	---		
			Gray Mortar			ND	---		
45	LV-B1-FT01-C		Brown Tile	Vestibule		ND	---		
			Gray Mortar			ND	---		
46	LV-B1-FT02-A	12" Vinyl floor tile	Off-White Floor Tile	Interior	Throughout	ND	---	NF	2,750 SF
47	LV-B1-FT02-B		Yellow Mastic			ND	---		
			Off-White Floor Tile	Interior		ND	---		
48	LV-B1-FT02-C		Yellow Mastic			ND	---		
			Off-White Floor Tile	ND		---			
49	LV-B1-CTX01-A		Bumpy ceiling texture	White Ceiling Texture with Paint		Interior ceiling	Throughout		
		Brown Paper		ND	---				
50	LV-B1-CTX01-B	White Ceiling Texture with Paint		Interior ceiling	ND	---			
		Brown Paper			ND	---			
51	LV-B1-CTX01-C	White Ceiling Texture with Paint		Interior ceiling	ND	---			
		Brown Paper			ND	---			
52	LV-B1-CT02-A	18" ceiling tiles	Brown Ceiling Tile with White Surface	Interior ceiling	Throughout	ND	---	F	4,750 SF
53	LV-B1-CT02-B		Brown Ceiling Tile with White Surface			ND	---		
54	LV-B1-CT02-C		Brown Ceiling Tile with White Surface			ND	---		
55	LV-B1-CT03-A	12" ceiling tiles	White Ceiling Texture	Interior ceiling	Throughout	ND	---	F	140 SF
56	LV-B1-CT03-B		Brown Ceiling Tile			ND	---		
			White Ceiling Texture	Interior ceiling		ND	---		
57	LV-B1-CT03-C		Brown Ceiling Tile			ND	---		
			White Ceiling Texture	ND		---			
58	LV-B1-CPM01-A		Short carpet	Multicolored Carpet		Room 14 closet	Room 14 closet		
		Yellow Carpet Mastic		ND	---				
59	LV-B1-CPM01-B	Multicolored Carpet		Room 14 closet	ND	---			
		Yellow Carpet Mastic			ND	---			

Table 2: Summary of Analytical Results from Suspected Asbestos-Containing Materials
Lewistown VA Clinic

Sample Number	Sample ID	Material Description	Material Layers	Material Collection Location	Material Locations	Analytical PLM Result (% asbestos) ^{1,2}	Analytical PC Result (% asbestos)	Friability	Estimated Quantity
60	LV-B1-CPM01-C	Short carpet	Multicolored Carpet	Room 14 closet	Room 14 closet	ND	---	NF	80 SF
			Yellow Carpet Mastic			ND	---		
61	LV-B1-SF01-A	Sheet flooring	Gray Sheet Flooring	Restrooms	Restrooms	ND	---	NF	60 SF
62	LV-B1-SF01-B		Gray Sheet Flooring	Restrooms		ND	---		
			Yellow Mastic	Restrooms		ND	---		
63	LV-B1-SF01-C		Gray Sheet Flooring			ND	---		
			Yellow Mastic		ND	---			
64	LV-B1-CPM02-A	Short carpet	Blue Carpet	Room 12 closet	Room 12 closet	ND	---	NF	36 SF
			Gray Glue			ND	---		
			Gray Carpet Pad			ND	---		
			Blue Carpet	Room 12 closet		ND	---		
65	LV-B1-CPM02-B		Gray Glue			ND	---		
			Gray Carpet Pad			ND	---		
			Blue Carpet	Room 12 closet		ND	---		
66	LV-B1-CPM02-C		Gray Glue			ND	---		
			Gray Carpet Pad			ND	---		
67	LV-B1-SU01-A	Undercoat	Black Sink Undercoating	Room 11 sink	Room 11 sink	2%	---	F	3 SF
68	LV-B1-SU01-B		Black Sink Undercoating	Room 11 sink		2%	---		
69	LV-B1-SU01-C		Black Sink Undercoating	Room 11 sink		2%	---		
70	LV-B1-SU02-A	Undercoat	Gray Sink Undercoating	Room 9 sink	Room 9 sink	ND	---	F	3 SF
71	LV-B1-SU02-B		Gray Sink Undercoating	Room 9 sink		ND	---		
72	LV-B1-SU02-C		Gray Sink Undercoating	Room 9 sink		ND	---		
73	LV-B1-CON05-A	Concrete	Gray Concrete	Basement floor	Basement floor	ND	---	NF	1,000 SF
74	LV-B1-CON05-B		Gray Concrete	Basement floor		ND	---		
75	LV-B1-CON05-C		Gray Concrete	Basement floor		ND	---		
76	LV-B1-DW01-A	Drywall	White Drywall with Brown Paper	Storage rooms, laundry room	Storage rooms, laundry room	ND	---	F	600 SF
77	LV-B1-DW01-B		White Drywall with Brown Paper	Storage rooms, laundry room		ND	---		
78	LV-B1-DW01-C		White Drywall with Brown Paper	Storage rooms, laundry room		ND	---		
79	LV-B1-MA01-A	Mastic from removed cove base	Brown Mastic	Laundry room	Basement	ND	---	NF	10 SF
80	LV-B1-MA01-B		Brown Mastic	Laundry room		ND	---		
81	LV-B1-MA01-C		Brown Mastic	Laundry room		ND	---		
82	LV-B1-BM04-A	Cinder block	Gray Cementitious Material	Basment walls	Basement	ND	---	NF	800 SF
83	LV-B1-BM04-B		Gray Cementitious Material	Basment walls		ND	---		
84	LV-B1-BM04-C		Gray Cementitious Material	Basment walls		ND	---		
85	LV-B1-CT01-A	2' x 4' ceiling tile	White Ceiling Tile	Basment ceiling	Basement	ND	---	F	450 SF
86	LV-B1-CT01-B		White Ceiling Tile	Basment ceiling		ND	---		
87	LV-B1-CT01-C		White Ceiling Tile	Basment ceiling		ND	---		
88	LV-B1-PI01-A	Pipe insulation	Silver Foil	Boiler room	Boiler room	ND	---	F	35 LF
			Brown/White Paper			ND	---		
			Yellow Insulation			ND	---		
			Silver Foil	Boiler room		ND	---		
89	LV-B1-PI01-B		Brown/White Paper			ND	---		
			Yellow Insulation			ND	---		
			Silver Foil	Boiler room		ND	---		
90	LV-B1-PI01-C		Brown/White Paper			ND	---		
			Yellow Insulation			ND	---		
91	LV-B1-PE01-A	Pipe insulation elbows	Cream Woven Material	Boiler room	Boiler room	ND	---	F	2 SF
			Gray Fibrous Material			ND	---		
92	LV-B1-PE01-B		Cream Woven Material	Boiler room		ND	---		
			Gray Fibrous Material			ND	---		
93	LV-B1-PE01-C		Cream Woven Material	Boiler room		ND	---		
			Gray Fibrous Material			ND	---		

Table 2: Summary of Analytical Results from Suspected Asbestos-Containing Materials
Lewistown VA Clinic

Sample Number	Sample ID	Material Description	Material Layers	Material Collection Location	Material Locations	Analytical PLM Result (% asbestos) ^{1,2}	Analytical PC Result (% asbestos)	Friability	Estimated Quantity
94	LV-B1-INS01-A	Insulation	Yellow Insulation	Boiler room	Boiler room	ND	---	F	2 SF
95	LV-B1-INS01-B		Gray Fibrous Material			ND	---		
96	LV-B1-INS01-C		Brown Insulation	Boiler room		ND	---		
97	LV-B1-INS01-C		Brown Insulation	Boiler room		ND	---		
98	LV-B1-WG01-A	Window Glaze	Gray Window Glazing	North exterior windows	Exterior	< 1%	0.1%	NF	50 SF
99	LV-B1-WG01-B		Gray Window Glazing	North exterior windows		< 1%	0.1%		
100	LV-B1-WG01-C		Gray Window Glazing	North exterior windows		< 1%	0.1%		
101	LV-B1-INS02-A	Insulation	Brown Insulation	Attic	Attic	ND	---	F	6,240 SF
102	LV-B1-INS02-B		Brown Insulation	Attic		ND	---		
103	LV-B1-INS02-C		Brown Insulation	Attic		ND	---		
104	LV-B1-INS03-A	Blanket insulation	Yellow Insulation	Ducts in attic	Attic	ND	---	F	500 SF
105	LV-B1-INS03-B		Yellow Insulation	Ducts in attic		ND	---		
	LV-B1-INS03-C		Yellow Insulation	Ducts in attic		ND	---		

- Notes**
- ¹ Bulk material samples with PLM results >0% are assumed to be ACM unless further analyzed by PC method.
- ² Type of asbestos is chrysotile, unless otherwise stated.
- Bold** ACM (> 1% asbestos) or assumed ACM Sample 41 was additionally analyzed by the PC method, because the results for the PLM method were not consistent for that group of materials.
- % Percent
- < Less than
- Not applicable
- ACM Absestos-containing material
- F Friable
- LF Linear feet
- ND Non-detect
- NF Non-friable
- PC Point count
- PLM Polarized-light microscopy
- SF Square feet

Sample Nomenclature Key			
LV	-B1	-CT04	-A
Site Code	Building Number	Homogeneous Area Type and Number	Sample Number

Table 3: Summary of LBP Screening Results

Table 3: Summary of LBP Screening Results Continued

Lewistown VA Clinic

Number	Paint Color	Location	Component	Substrate	XRF Reading (mg/cm ²)	Damage	Quantity	Notes
Calibration Check - Pass					1.133			
					1.079			
					1.107			
1	White	Basement	Wall A	Wood	0.0	None	---	
2	White	Basement Stairwell	Wall A	Drywall	0.1	None	---	
3	Blue	Basement Stairwell	Wall A	Drywall	0.0	None	---	
4	White	Basement	Wall B	Cinderblock	0.1	None	---	
5	White	Basement	Wall C	Wood	0.2	None	---	
6	White	Basement	Wall D	Wood	0.0	None	---	
7	White	Basement Wall A	Hatch Frame	Wood	0.1	None	---	
8	White	Basement	Hatch Door	Wood	0.0	None	---	
9	White	Basement Wall B	Door Frame	Wood	0.1	None	---	
10	White	Basement Wall B	Door Jamb	Wood	0.3	None	---	
11	White	Basement Wall B	Door	Wood	0.0	None	---	
12	White	Basement Wall C	Hatch	Wood	0.0	None	---	
13	White	Basement Wall D	Window Frame	Wood	1.1	None	36 LF	
14	White	Basement Wall D	Window Jamb	Wood	0.7	None	---	
15	White	Basement	Ceiling	Drywall	0.0	None	---	
16	White	Basement Laundry	Wall A	Drywall	0.0	None	---	
17	White	Basement Laundry	Wall B	Drywall	0.0	None	---	
18	White	Basement Laundry	Wall C	Drywall	0.0	None	---	
19	White	Basement Laundry	Wall D	Drywall	0.0	None	---	
20	White	Basement Laundry Wall D	Door Jamb	Wood	0.1	None	---	
21	Cream	Exterior	Wall A	Wood	1.7	None	24 SF	
22	Tan	Exterior Wall A	Window Frame	Wood	3.0	None	24 LF	
23	Tan	Exterior Wall A	Window Sill	Wood	4.1	Moderate	6 LF	
24	Tan	Exterior Wall A	Window	Wood	3.7	Moderate	20 LF	
25	Tan	Exterior Wall A	Flashing	Metal	2.3	None	12 LF	
26	Cream	Exterior Wall A	Soffit	Wood	4.7	None	30 SF	
27	Cream	Exterior	Wall B	Wood	0.0	None	---	
28	Tan	Exterior Wall B	Window Frame	Wood	0.0	Moderate	---	
29	Tan	Exterior Wall B	Window Sill	Wood	0.0	None	---	
30	Tan	Exterior Wall B	Window	Wood	0.0	None	---	
31	Tan	Exterior Wall B	Window Frame	Wood	0.0	None	---	
32	Tan	Exterior Wall B	Window Frame	Wood	0.0	Moderate	---	
33	Tan	Exterior Wall B	Window	Wood	0.0	None	---	

Table 3: Summary of LBP Screening Results Continued

Lewistown VA Clinic

Number	Paint Color	Location	Component	Substrate	XRF Reading (mg/cm ²)	Damage	Quantity	Notes
34	Cream	Exterior Wall B	Soffit	Wood	0.0	None	---	
35	Cream	Exterior	Wall C	Wood	0.0	None	---	
36	White	Exterior Wall C	Window Frame	Wood	0.0	None	---	
37	White	Exterior Wall C	Window Sill	Wood	0.0	None	---	
38	White	Exterior Wall C	Window	Wood	0.0	None	---	
39	White	Exterior Wall C	Door Frame	Wood	0.0	None	---	
40	White	Exterior Wall C	Door Jamb	Wood	0.0	None	---	
41	White	Exterior Wall C	Door	Wood	0.0	None	---	
42	White	Exterior Wall C	Soffit	Wood	0.0	None	---	
43	White	Exterior	Wall D	Wood	0.0	None	---	
44	White	Exterior Wall D	Window Frame	Wood	0.0	None	---	
45	White	Exterior Wall D	Window Sill	Wood	0.0	None	---	
46	White	Exterior Wall D	Window	Wood	0.0	None	---	
47	White	Exterior Wall D	Door Frame	Wood	0.0	None	---	
48	White	Exterior Wall D	Soffit	Wood	0.0	None	---	
49	White	Exterior	Wall A	Wood	2.2	None	24 SF	Checks to confirm initial readings
50	White	Exterior Wall B	Window Sill	Wood	3.9	None	6 LF	Checks to confirm initial readings
51	White	Exterior Wall B	Window Frame	Wood	4.0	None	20 LF	Checks to confirm initial readings
52	White	Exterior Wall B	Window	Wood	4.3	None	12 LF	Checks to confirm initial readings
53	Wallpaper	Room 10	Wall A	Drywall	0.0	None	---	
54	Wallpaper	Room 10	Wall B	Drywall	0.0	None	---	
55	Wallpaper	Room 10	Wall C	Drywall	0.0	None	---	
56	Wallpaper	Room 10	Wall D	Drywall	0.0	None	---	
57	Wallpaper	Room 10	Ceiling	Drywall	0.0	None	---	
58	Wallpaper	Room 9	Wall A	Drywall	0.0	None	---	
59	Wallpaper	Room 9	Wall B	Drywall	0.0	None	---	
60	Wallpaper	Room 9	Wall C	Drywall	0.0	None	---	
61	Wallpaper	Room 9	Wall D	Drywall	0.0	None	---	
62	Wallpaper	Room 9	Ceiling	Drywall	0.0	None	---	
63	Wallpaper	Room 7	Wall A	Drywall	0.0	None	---	
64	Wallpaper	Room 7	Wall B	Drywall	0.0	None	---	
65	Wallpaper	Room 7	Wall C	Drywall	0.0	None	---	
66	Wallpaper	Room 7	Wall D	Drywall	0.0	None	---	
67	Wallpaper	Room 7	Ceiling	Drywall	0.0	None	---	
68	Wallpaper	Room 6	Wall A	Drywall	0.0	None	---	
69	Wallpaper	Room 6	Wall B	Drywall	0.0	None	---	
70	Wallpaper	Room 6	Wall C	Drywall	0.0	None	---	

Table 3: Summary of LBP Screening Results Continued

Lewistown VA Clinic

Number	Paint Color	Location	Component	Substrate	XRF Reading (mg/cm ²)	Damage	Quantity	Notes
71	Wallpaper	Room 6	Wall D	Drywall	0.0	None	---	
72	Wallpaper	Room 6	Ceiling	Tiles	0.0	None	---	
73	Wallpaper	Room 5	Wall A	Drywall	0.0	None	---	
74	Wallpaper	Room 5	Wall B	Drywall	0.0	None	---	
75	Wallpaper	Room 5	Wall C	Drywall	0.0	None	---	
76	Wallpaper	Room 5	Wall D	Drywall	0.0	None	---	
77	Wallpaper	Room 5	Ceiling	Tiles	0.0	None	---	
78	Wallpaper	Room 4	Wall A	Drywall	0.1	None	---	
79	Wallpaper	Room 4	Wall B	Drywall	0.0	None	---	
80	Wallpaper	Room 4	Wall C	Drywall	0.0	None	---	
81	Wallpaper	Room 4	Wall D	Drywall	0.0	None	---	
82	Wallpaper	Room 4	Ceiling	Tiles	0.0	None	---	
83	White	Reception	Wall A	Drywall	0.0	None	---	
84	White	Reception	Wall B	Drywall	0.0	None	---	
85	White	Reception	Wall C	Drywall	0.0	None	---	
86	White	Reception	Wall D	Drywall	0.0	None	---	
87	White	Reception	Ceiling	Drywall	0.0	None	---	
88	White	Waiting Room	Wall A	Drywall	0.0	None	---	
89	White	Waiting Room	Wall B	Drywall	0.0	None	---	
90	White	Waiting Room Wall B	Window Frame	Wood	0.0	None	---	
91	White	Waiting Room	Wall C	Drywall	0.0	None	---	
92	White	Waiting Room Wall C	Door Frame	Metal	0.0	None	---	
93	White	Waiting Room Wall C	Door Jamb	Metal	0.0	None	---	
94	White	Waiting Room	Wall D	Drywall	0.0	None	---	
95	White	Waiting Room	Ceiling	Tiles	0.0	None	---	
96	White	HC Bathroom	Wall A	Drywall	0.0	None	---	
97	White	Waiting Room	Wall B	Drywall	0.0	None	---	
98	White	HC Bathroom	Wall C	Drywall	0.0	None	---	
99	White	HC Bathroom	Wall D	Drywall	0.0	None	---	
100	White	HC Bathroom	Ceiling	Drywall	0.0	None	---	
101	White	Vestibule	Wall A	Drywall	0.0	None	---	
102	White	Vestibule Wall A	Window Sill	Wood	0.1	None	---	
103	White	Vestibule Wall A	Window Jamb	Wood	0.2	None	---	
104	White	Vestibule Wall A	Window Frame	Wood	0.2	None	---	
105	White	Vestibule Wall A	Mail Slot	Wood	0.0	None	---	
106	White	Vestibule	Wall B	Drywall	0.0	None	---	
107	White	Vestibule Wall B	Window Frame	Wood	0.1	None	---	

Table 3: Summary of LBP Screening Results Continued

Lewistown VA Clinic

Number	Paint Color	Location	Component	Substrate	XRF Reading (mg/cm ²)	Damage	Quantity	Notes
108	White	Vestibule Wall B	Window Sill	Wood	0.2	None	---	
109	White	Vestibule	Wall C	Drywall	0.0	None	---	
110	White	Vestibule	Wall D	Drywall	0.0	None	---	
111	White	Vestibule Wall D	Window Frame	Wood	0.2	None	---	
112	White	Vestibule Wall D	Window Sill	Wood	0.1	None	---	
113	White	Vestibule	Ceiling	Drywall	0.0	None	---	
114	Blue	Conference Room	Wall A	Drywall	0.0	None	---	
115	White	Conference Room Wall A	Window Frame	Wood	0.2	None	---	
116	White	Conference Room Wall A	Window Sill	Wood	0.2	None	---	
117	White	Conference Room Wall A	Window Jamb	Wood	0.1	None	---	
118	Blue	Conference Room	Wall B	Drywall	0.0	None	---	
119	Blue	Conference Room	Wall C	Drywall	0.0	None	---	
120	White	Conference Room	Wall D	Drywall	0.0	None	---	
121	White	Conference Room Wall D	Window Frame	Wood	0.3	None	---	
122	White	Conference Room Wall D	Window Sill	Wood	0.2	None	---	
123	White	Conference Room Wall D	Window Jamb	Wood	0.1	None	---	
124	White	Conference Room	Ceiling	Drywall	0.0	None	---	
125	Blue	Tele Health Room 16	Wall A	Drywall	0.0	None	---	
126	Blue	Tele Health Room 16	Wall B	Drywall	0.0	None	---	
127	Blue	Tele Health Room 16	Wall C	Drywall	0.0	None	---	
128	Blue	Tele Health Room 16	Wall D	Drywall	0.0	None	---	
129	White	Tele Health Room16 Wall D	Window Frame	Wood	0.0	None	---	
130	White	Tele Health Room16 Wall D	Window Jamb	Wood	0.0	None	---	
131	White	Tele Health Room 16	Ceiling	Drywall	0.0	None	---	
132	Blue	Tele Health Room 15	Wall A	Drywall	0.0	None	---	
133	Blue	Tele Health Room 15	Wall B	Drywall	0.0	None	---	
134	Blue	Tele Health Room 15	Wall C	Drywall	0.0	None	---	
135	Blue	Tele Health Room 15	Wall D	Drywall	0.0	None	---	
136	White	Tele Health Room 15 Wall D	Window Frame	Wood	0.0	None	---	
137	White	Tele Health Room 15 Wall D	Window Jamb	Wood	0.1	None	---	
138	White	Tele Health Room 15 Wall D	Window	Wood	0.2		---	
139	White	Tele Health Room 15	Ceiling	Drywall	0.0	None	---	

Table 3: Summary of LBP Screening Results Continued

Lewistown VA Clinic

Number	Paint Color	Location	Component	Substrate	XRF Reading (mg/cm ²)	Damage	Quantity	Notes
140	White	Corridor 2	Wall A	Drywall	0.0	None	---	
141	White	Corridor 2	Wall B	Drywall	0.0	None	---	
142	White	Corridor 2 Wall B	Door Frame	Wood	0.0	None	---	
143	White	Corridor 2 Wall B	Door Jamb	Wood	0.0	None	---	
144	White	Corridor 2	Wall C	Drywall	0.0	None	---	
145	White	Corridor 2	Wall D	Drywall	0.2	None	---	
146	White	Corridor 2	Ceiling	Tiles	0.0	None	---	
147	Wallpaper	Corridor 2 Bathroom	Wall A	Drywall	0.0	None	---	
148	Wallpaper	Corridor 2 Bathroom	Wall B	Drywall	0.0	None	---	
149	Wallpaper	Corridor 2 Bathroom	Wall C	Drywall	0.1	None	---	
150	Wallpaper	Corridor 2 Bathroom	Wall D	Drywall	0.0	None	---	
151	White	Corridor 2 Bathroom	Ceiling	Drywall	0.1	None	---	
152	Wallpaper	FE Lab	Wall A	Drywall	0.0	None	---	
153	White	FE Lab	Wall B	Drywall	0.0	None	---	
154	White	FE Lab Wall B	Door Frame	Wood	0.0	None	---	
155	Wallpaper	FE Lab Wall B	Door Jamb	Wood	0.0	None	---	
156	Wallpaper	FE Lab	Wall C	Drywall	0.0	None	---	
157	White	FE Lab	Wall D	Drywall	0.0	None	---	
158	White	FE Lab Wall D	Door Frame	Wood	0.0	None	---	
159	White	FE Closet 14	Wall A	Drywall	0.0	None	---	
160	White	FE Closet 14	Wall B	Drywall	0.0	None	---	
161	White	FE Closet 14	Wall C	Drywall	0.0	None	---	
162	White	FE Closet 14	Wall D	Drywall	0.0	None	---	
163	White	FE Closet 14	Ceiling	Drywall	0.0	None	---	
164	White	FE Closet 14	Hatch Frame	Wood	0.0	None	---	
165	White	FE Closet 14	Hatch	Wood	0.0	None	---	
166	Wallpaper	Room 13 Bathroom	Wall A	Drywall	0.0	None	---	
167	Wallpaper	Room 13 Bathroom	Wall B	Drywall	0.0	None	---	
168	Wallpaper	Room 13 Bathroom	Wall C	Drywall	0.0	None	---	
169	Wallpaper	Room 13 Bathroom	Wall D	Drywall	0.0	None	---	
170	White	Room 13 Bathroom	Ceiling	Drywall	0.0	None	---	
171	White	Nurse Station	Wall A	Drywall	0.0	None	---	
172	White	Nurse Station	Wall B	Drywall	0.0	None	---	
173	White	Nurse Station Wall B	Door Frame	Wood	0.0	None	---	
174	White	Nurse Station Wall B	Door Jamb	Wood	0.0	None	---	
175	White	Nurse Station	Wall C	Drywall	0.0	None	---	
176	White	Nurse Station	Wall D	Drywall	0.0	None	---	

Table 3: Summary of LBP Screening Results Continued

Lewistown VA Clinic

Number	Paint Color	Location	Component	Substrate	XRF Reading (mg/cm ²)	Damage	Quantity	Notes
177	White	Nurse Station	Ceiling	Drywall	0.0	None	---	
178	White	Spec. Procede Room 12	Wall A	Drywall	0.0	None	---	
179	Wallpaper	Spec. Procede Room 12	Wall B	Drywall	0.0	None	---	
180	White	Spec. Procede Room 12	Door Frame	Wood	0.0	None	---	
181	White	Spec. Procede Room 12	Door Jamb	Wood	0.0	None	---	
182	White	Spec. Procede Room 12	Wall C	Drywall	0.0	None	---	
183	White	Spec. Procede Room 12 Wall C	Window Frame	Wood	0.0	None	---	
184	White	Spec. Procede Room 12 Wall C	Window Jamb	Wood	0.0	None	---	
185	White	Spec. Procede Room 12	Wall D	Drywall	0.0	None	---	
186	White	Spec. Procede Room 12	Ceiling	Drywall	0.0	None	---	
187	White	Bathroom 12A	Wall A	Drywall	0.0	None	---	
188	White	Bathroom 12A	Door Frame	Wood	0.0	None	---	
189	White	Bathroom 12A	Door Jamb	Wood	0.0	None	---	
190	White	Bathroom 12A	Wall B	Drywall	0.0	None	---	
191	White	Bathroom 12A	Wall C	Drywall	0.0	None	---	
192	White	Bathroom 12A	Wall D	Drywall	0.0	None	---	
193	White	Bathroom 12A	Ceiling	Drywall	0.0	None	---	
194	White	Bathroom 12B Closet	Wall A	Drywall	0.0	None	---	
195	White	Bathroom 12B Closet	Door Frame	Wood	0.0	None	---	
196	White	Bathroom 12B Closet	Wall B	Drywall	0.0	None	---	
197	White	Bathroom 12B Closet	Wall C	Drywall	0.0	None	---	
198	White	Bathroom 12B Closet	Wall D	Drywall	0.0	None	---	
199	White	Bathroom 12B Closet	Ceiling	Drywall	0.0	None	---	
200	White	West Laundry	Wall A	Drywall	0.0	None	---	
201	White	West Laundry	Wall B	Drywall	0.0	None	---	
202	White	West Laundry	Wall C	Drywall	0.0	None	---	
203	White	West Laundry	Wall D	Drywall	0.1	None	---	
204	White	West Laundry	Ceiling	Drywall	0.0	None	---	
205	Wallpaper	Corridor 1	Wall A	Drywall	0.0	None	---	
206	Wallpaper	Corridor 1	Wall B	Drywall	0.0	None	---	
207	Wallpaper	Corridor 1	Wall C	Drywall	0.0	None	---	
208	Wallpaper	Corridor 1	Wall D	Drywall	0.0	None	---	
209	White	Corridor 1 Wall D	Door Frame	Wood	0.0	None	---	
210	White	Corridor 1 Wall D	Door Jamb	Wood	0.0	None	---	
211	White	Corridor 1 Wall D	Verticle Trim	Wood	0.0	None	---	

Table 3: Summary of LBP Screening Results Continued

Lewistown VA Clinic

Number	Paint Color	Location	Component	Substrate	XRF Reading (mg/cm ²)	Damage	Quantity	Notes
212	White	Corridor 1 Wall D	Ceiling	Tiles	0.0	None	---	
213	Wallpaper	Break Room	Wall A	Drywall	0.0	None	---	
214	Wallpaper	Break Room	Wall B	Drywall	0.0	None	---	
215	Wallpaper	Break Room	Wall C	Drywall	0.1	None	---	
216	Wallpaper	Break Room	Wall D	Drywall	0.1	None	---	
217	Wallpaper	Break Room	Ceiling	Drywall	0.0	None	---	
218	Cream	Room 11A	Wall A	Drywall	0.0	None	---	
219	Cream	Room 11A	Wall B	Drywall	0.0	None	---	
220	Cream	Room 11A	Wall C	Drywall	0.0	None	---	
221	Cream	Room 11A	Wall D	Drywall	0.3	None	---	
222	White	Room 11A	Hatch Frame	Wood	0.0	None	---	
223	White	Room 11A	Hatch	Wood	0.0	None	---	
224	White	Room 11A	Ceiling	Drywall	0.0	None	---	
Calibration Check - Pass					1.1			
					1.1			
					1.2			

Notes:

EPA and HUD define LBP as any surface coating that contains at least 1.0 mg/cm² or 0.5 percent lead by weight

--- Not required

Bold LBP was detected

HUD U.S. Department of Housing and Urban Development

LBP Lead-based paint

LF Linear foot

mg/cm² Miligrams per square centimeter

SF Square foot

XRF X-ray Fluorescence

Table 4: Summary of Soil Gas Analytical Results

Table 4: Summary of Soil Gas Analytical Results
Lewistown VA Clinic

					LV-01-SV-G-00-12	LV-02-SV-G-00-06		
Sample ID:					20241004	20241004		
Sampling Location:					LV-01	LV-02		
Sample Type:					Field Sample	Field Sample		
Date Sampled:					10/4/2024	10/4/2024		
CAS No	Analyte	EPA Industrial Air RSL (ug/m³) ¹	EPA Commerical Sub-Slab VISL (ug/m³)	Montana DEQ Generic APH Fraction Screening Levels (ug/m³)	Result (ug/m³)	F l a g	Result (ug/m³)	F l a g
MSVOA MADEP APH (ug/m³)								
106-99-0	1,3-Butadiene	0.41	13.6	---	< 0.88	U	< 0.88	U
71-43-2	Benzene	1.6	52.4	---	< 1.3	U	< 1.3	U
---	C5- C8 Aliphatics (APH)	---	---	260	130		329	
---	C9- C10 Aromatics (APH)	44	---	44	< 10	U	< 10	U
---	C9- C12 Aliphatics (APH)	180	---	44	67.8		167	
179601-23-1	m,p-Xylene	44	---	---	4.8		2.3	
1634-04-4	Methyl Tert Butyl Ether	47	1570	---	< 1.4	U	< 1.4	U
91-20-3	Naphthalene	0.36	12	---	< 2.1	U	< 2.1	U
95-47-6	o-Xylene	44	1460	---	1.2	J	0.65	J
108-88-3	Toluene	2,200	73,000	---	1.5	J	0.9	J
MSVOA TO-15 (ug/m³)								
71-55-6	1,1,1-Trichloroethane	2,200	73,000	---	< 4.4	U	< 4.4	U
79-34-5	1,1,2,2-Tetrachloroethane	0.21	7.05	---	< 5.5	U	< 5.5	U
79-00-5	1,1,2-Trichloroethane	0.088	2.92	---	< 4.4	U	< 4.4	U
75-35-4	1,1-Dichloroethylene	1.7	57.8	---	< 3.2	U	< 3.2	U
120-82-1	1,2,4-Trichlorobenzene	0.88	29.2	---	< 5.9	U	< 5.9	U
95-63-6	1,2,4-Trimethylbenzene	26	876	---	< 3.9	U	< 3.9	U
106-93-4	1,2-Dibromoethane (EDB)	0.02	0.681	---	< 6.1	U	< 6.1	U
107-06-2	1,2-Dichloroethane	0.47	15.7	---	< 3.2	U	< 3.2	U
78-87-5	1,2-Dichloropropane	1.8	58.4	---	< 3.7	U	< 3.7	U
108-67-8	1,3,5-Trimethylbenzene	26	876	---	< 3.9	U	< 3.9	U
123-91-1	1,4-Dioxane	2.5	81.8	---	< 2.9	U	< 2.9	U
591-78-6	2-Hexanone	13	438	---	< 3.3	U	< 3.3	U
622-96-8	4-Ethyltoluene	---	---	---	< 3.9	U	< 3.9	U
67-64-1	Acetone (2-Propanone)	---	---	---	19		17	
100-44-7	Benzyl Chloride	0.25	8.34	---	< 4.1	U	< 4.1	U
75-27-4	Bromodichloromethane	0.33	11	---	< 5.4	U	< 5.4	U
75-25-2	Bromoform	11	372	---	< 8.3	U	< 8.3	U
74-83-9	Bromomethane	2.2	73	---	< 3.1	U	< 3.1	U
75-15-0	Carbon disulfide	310	10,200	---	< 2.5	U	< 2.5	U
56-23-5	Carbon tetrachloride	2	68.1	---	< 5	U	< 5	U
108-90-7	Chlorobenzene	22	730	---	< 3.7	U	< 3.7	U
75-00-3	Chloroethane	1,800	58,400	---	< 2.1	U	< 2.1	U
67-66-3	Chloroform	0.53	17.8	---	< 3.9	U	< 3.9	U
74-87-3	Chloromethane	39	1,310	---	< 1.7	U	< 1.7	U
156-59-2	cis-1,2-Dichloroethylene	18	584	---	< 3.2	U	< 3.2	U
10061-01-5	cis-1,3-Dichloropropene	---	---	---	< 3.6	U	< 3.6	U
110-82-7	Cyclohexane	2,600	87,600	---	< 2.8	U	< 2.8	U
124-48-1	Dibromochloromethane	---	---	---	< 6.8	U	< 6.8	U
75-71-8	Dichlorodifluoromethane	44	1,460	---	< 4	U	< 4	U
141-78-6	Ethyl Acetate	31	1,020	---	3.5		12	
100-41-4	Ethylbenzene	4.9	164	---	1.1	J	0.52	J
76-13-1	Freon 113	2,200	73,000	---	< 6.1	U	< 6.1	U
76-14-2	Freon 114	---	---	---	< 5.6	U	< 5.6	U
142-82-5	Heptane	180	5840	---	< 3.3	U	< 3.3	U

Table 4: Summary of Soil Gas Analytical Results
Lewistown VA Clinic

					LV-01-SV-G-00-12-	LV-02-SV-G-00-06-		
Sample ID:					20241004		20241004	
Sampling Location:					LV-01		LV-02	
Sample Type:					Field Sample		Field Sample	
Date Sampled:					10/4/2024		10/4/2024	
CAS No	Analyte	EPA Industrial Air RSL (ug/m³) ¹	EPA Commerical Sub-Slab VISL (ug/m³)	Montana DEQ Generic APH Fraction Screening Levels (ug/m³)	Result (ug/m³)	F l a g	Result (ug/m³)	F l a g
87-68-3	Hexachlorobutadiene	0.56	18.6	---	< 8.5	U	< 8.5	U
110-54-3	Hexane	310	10,200	---	1.4	J	< 2.8	U
67-63-0	Isopropyl Alcohol	88	2,920	---	< 2	U	18	
98-82-8	Isopropylbenzene	180	5,840	---	< 3.9	U	< 3.9	U
541-73-1	m-Dichlorobenzene	---	---	---	< 4.8	U	< 4.8	U
78-93-3	Methyl ethyl ketone	2,200	73,000	---	1.4	J	1.4	J
108-10-1	Methyl Isobutyl Ketone	1,300	43,800	---	< 3.3	U	< 3.3	U
75-09-2	Methylene chloride	260	8,760	---	< 2.8	U	< 2.8	U
95-50-1	o-Dichlorobenzene	88	2,920	---	< 4.8	U	< 4.8	U
106-46-7	p-Dichlorobenzene	1.1	37.2	---	< 4.8	U	< 4.8	U
115-07-1	Propylene	1,300	43,800	---	< 3.4	U	< 3.4	U
100-42-5	Styrene	440	14,600	---	4.1		1.8	J
127-18-4	Tetrachloroethylene	18	584	---	< 1.1	U	208	
109-99-9	Tetrahydrofuran	880	29,200	---	< 2.4	U	< 2.4	U
156-60-5	trans-1,2-Dichloroethylene	18	584	---	< 3.2	U	< 3.2	U
10061-02-6	trans-1,3-Dichloropropene	---	---	---	< 3.6	U	< 3.6	U
79-01-6	Trichloroethylene	0.88	29.2	---	< 0.86	U	< 0.86	U
75-69-4	Trichlorofluoromethane	---	---	---	< 4.5	U	< 4.5	U
108-05-4	Vinyl Acetate	88	2,920	---	1.9	J	< 2.8	U
75-01-4	Vinyl chloride	2.8	92.9	---	< 2	U	< 2	U
1330-20-7	Xylenes (total)	44	1,460	---	2.9	J	< 3.5	U

Notes:

¹ Calculated from a target excess cancer risk level of one per one million (10⁻⁶) and a target hazard quotient of 0.1

--- Not established

Bold Analyte detected at or above the laboratory reporting limit.

Bold Detection limit exceeds the EPA Industrial Air RSL. Analyte was not detected in the sample analyzed.

Bold Concentration of detected analyte exceeds the EPA Industrial RSL.

Bold Concentration of detected analyte exceeds the MDEQ APH Screening Levels.

ug/m3 Micrograms per cubic meter

APH Air-Phase Hydrocarbons

B Indicates analyte found in associated method blank

DEQ Montana Department of Environmental Quality

EPA US Environmental Protection Agency

J The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.

U The analyte was analyzed for, but was not detected at, or above, the reporting limit.

RSL Regional Screening Level

VISL Vapor Intrusion Screening Level

Table 5: Summary of Indoor Air Analytical Results

Table 5: Summary of Indoor Air Analytical Results
Lewistown VA Clinic

Sample ID:				LV-03-IA-G-42-20241003	LV-04-IA-G-48-20241003	LV-04-IA-G-48-20241003-DU	LV-05-IA-G-48-20241003				
Sampling Location:				LV-03	LV-04	LV-04	LV-05				
Sample Type:				Field Sample	Field Sample	Duplicate	Field Sample				
Date Sampled:				10/4/2024	10/4/2024	10/4/2024	10/4/2024				
CAS No	Analyte	EPA Industrial Air RSL (ug/m ³) ¹	Montana DEQ Generic APH Fraction Screening Levels (ug/m ³)	Result (ug/m ³)	Flag	Result (ug/m ³)	Flag	Result (ug/m ³)	Flag	Result (ug/m ³)	Flag
MSVOA MADEP APH (ug/m3)											
106-99-0	1,3-Butadiene	0.41	0.46	< 0.88	U	< 0.88	U	< 0.88	U	< 0.88	U
---	C5- C8 Aliphatics (APH)	---	260	975		260		238		991	
---	C9- C10 Aromatics (APH)	170	44	< 10	U	< 10	U	< 10	U	< 10	U
---	C9- C12 Aliphatics (APH)	44	44	76.7		113		29		92	
71-43-2	Benzene	1.6	1.8	0.42	J	0.32	J	0.27	J	0.35	J
100-41-4	Ethylbenzene	4.9	5.5	0.91	J	0.27	J	< 1.7	U	0.78	J
179601-23-	m,p-Xylene	44	44	5.6		1	J	1	J	5.6	
1634-04-4	Methyl Tert Butyl Ether	47	52	< 1.4	U	< 1.4	U	< 1.4	U	< 1.4	U
91-20-3	Naphthalene	0.36	0.4	< 2.1	U	< 2.1	U	< 2.1	U	< 2.1	U
95-47-6	o-Xylene	44	44	1	J	< 1.7	U	< 1.7	U	1.8	
108-88-3	Toluene	2,200	2,200	7.2		4.9		4.1		8.7	
MSVOA TO-15 (ug/m3)											
71-55-6	1,1,1-Trichloroethane	2,200	---	< 1.1	U	< 1.1	U	< 1.8	U	< 1.1	U
79-34-5	1,1,2,2-Tetrachloroethane	0.21	---	< 1.4	U	< 1.4	U	< 2.3	U	< 1.4	U
79-00-5	1,1,2-Trichloroethane	0.088	---	< 1.1	U	< 1.1	U	< 1.8	U	< 1.1	U
75-35-4	1,1-Dichloroethylene	1.7	---	< 0.79	U	< 0.79	U	< 1.3	U	< 0.79	U
120-82-1	1,2,4-Trichlorobenzene	0.88	---	< 1.5	U	< 1.5	U	< 2.4	U	< 1.5	U
95-63-6	1,2,4-Trimethylbenzene	26	---	0.84	J	< 0.98	U	< 1.6	U	1.5	
106-93-4	1,2-Dibromoethane (EDB)	0.02	---	< 1.5	U	< 1.5	U	< 2.5	U	< 1.5	U
107-06-2	1,2-Dichloroethane	0.47	0.52	< 0.81	U	< 0.81	U	< 1.3	U	< 0.81	U
78-87-5	1,2-Dichloropropane	1.8	---	< 0.92	U	< 0.92	U	< 1.5	U	< 0.92	U
108-67-8	1,3,5-Trimethylbenzene	26	---	< 0.98	U	< 0.98	U	< 1.6	U	0.49	J
123-91-1	1,4-Dioxane	2.5	---	< 0.72	U	< 0.72	U	< 1.2	U	< 0.72	U
591-78-6	2-Hexanone	13	---	< 0.82	U	< 0.82	U	< 1.3	U	< 0.82	U
622-96-8	4-Ethyltoluene	---	---	< 0.98	U	< 0.98	U	< 1.6	U	< 0.98	U
67-64-1	Acetone (2-Propanone)	---	---	153		225		200		134	
100-44-7	Benzyl Chloride	0.25	---	< 1	U	< 1	U	< 1.7	U	< 1	U
75-27-4	Bromodichloromethane	0.33	---	< 1.3	U	< 1.3	U	< 2.2	U	< 1.3	U
75-25-2	Bromoform	11	---	< 2.1	U	< 2.1	U	< 3.4	U	< 2.1	U
74-83-9	Bromomethane	2.2	---	< 0.78	U	< 0.78	U	< 1.3	U	< 0.78	U
75-15-0	Carbon disulfide	310	---	0.31	J	< 0.62	U	< 1	U	0.44	J
56-23-5	Carbon tetrachloride	2	---	< 1.3	U	< 1.3	U	< 2.1	U	< 1.3	U
108-90-7	Chlorobenzene	22	---	< 0.92	U	< 0.92	U	< 1.5	U	< 0.92	U
75-00-3	Chloroethane	1,800	---	< 0.53	U	< 0.53	U	< 0.87	U	< 0.53	U
67-66-3	Chloroform	0.53	---	0.54	J	< 0.98	U	< 1.6	U	1.5	
74-87-3	Chloromethane	39	---	1.4		1.1		1.1		1.4	
156-59-2	cis-1,2-Dichloroethylene	18	---	< 0.79	U	< 0.79	U	< 1.3	U	< 0.79	U
10061-01-5	cis-1,3-Dichloropropene	---	---	< 0.91	U	< 0.91	U	< 1.5	U	< 0.91	U
110-82-7	Cyclohexane	2,600	---	< 0.69	U	0.41	J	< 1.1	U	< 0.69	U
124-48-1	Dibromochloromethane	---	---	< 1.7	U	< 1.7	U	< 2.8	U	< 1.7	U
75-71-8	Dichlorodifluoromethane	44	---	2.5		2.4		2.1		3.5	
141-78-6	Ethyl Acetate	31	---	26		35		18		33	
76-13-1	Freon 113	2,200	---	< 1.5	U	< 1.5	U	< 2.5	U	< 1.5	U
76-14-2	Freon 114	---	---	< 1.4	U	< 1.4	U	< 2.3	U	< 1.4	U
142-82-5	Heptane	180	---	4.1		2.4		2.4		5.7	
87-68-3	Hexachlorobutadiene	0.56	---	< 2.1	U	< 2.1	U	< 3.5	U	< 2.1	U
110-54-3	Hexane	310	---	1.6		2.7		2.2		1.9	
67-63-0	Isopropyl Alcohol	88	---	941	E	53.8	B	55.8	B	887	E
98-82-8	Isopropylbenzene	180	---	< 0.98	U	< 0.98	U	< 1.6	U	< 0.98	U
541-73-1	m-Dichlorobenzene	---	---	< 1.2	U	< 1.2	U	< 2	U	< 1.2	U
78-93-3	Methyl ethyl ketone	2,200	---	9.4		7.7		9.7		15	
108-10-1	Methyl Isobutyl Ketone	1,300	---	2.1		0.82		0.86	J	1.9	
75-09-2	Methylene chloride	260	---	2.6		3.8		3.8		3.4	
95-50-1	o-Dichlorobenzene	88	---	< 1.2	U	< 1.2	U	< 2	U	< 1.2	U
106-46-7	p-Dichlorobenzene	1.1	---	< 1.2	U	< 1.2	U	< 2	U	< 1.2	U
115-07-1	Propylene	1,300	---	< 0.86	U	< 0.86	U	< 1.4	U	< 0.86	U

Table 5: Summary of Indoor Air Analytical Results
Lewistown VA Clinic

Sample ID:				LV-03-IA-G-42-20241003		LV-04-IA-G-48-20241003		LV-04-IA-G-48-20241003-DU		LV-05-IA-G-48-20241003	
Sampling Location:				LV-03		LV-04		LV-04		LV-05	
Sample Type:				Field Sample		Field Sample		Duplicate		Field Sample	
Date Sampled:				10/4/2024		10/4/2024		10/4/2024		10/4/2024	
CAS No	Analyte	EPA Industrial Air RSL (ug/m ³) ¹	Montana DEQ Generic APH Fraction Screening Levels (ug/m ³)	Result (ug/m ³)	Flag	Result (ug/m ³)	Flag	Result (ug/m ³)	Flag	Result (ug/m ³)	Flag
100-42-5	Styrene	440	---	1.1		1.1		< 1.4	U	1.8	
127-18-4	Tetrachloroethylene	18	---	0.95		1.4		1.4		0.63	
109-99-9	Tetrahydrofuran	880	---	2.9		5.3		5.6		2.3	
156-60-5	trans-1,2-Dichloroethylene	18	---	< 0.79	U	< 0.79	U	< 1.3	U	< 0.79	U
10061-02-6	trans-1,3-Dichloropropene	---	---	< 0.91	U	< 0.91	U	< 1.5	U	< 0.91	U
79-01-6	Trichloroethylene	0.88	---	< 0.21	U	< 0.21	U	< 0.35	U	< 0.21	U
75-69-4	Trichlorofluoromethane	---	---	1.4		1.2		< 1.9	U	1.7	
108-05-4	Vinyl Acetate	88	---	2.9		1.7		4.6		1.9	
75-01-4	Vinyl chloride	2.8	---	< 0.51	U	< 0.51	U	< 0.84	U	< 0.51	U
1330-20-7	Xylenes (total)	44	---	5.2		0.74	J	< 1.4	U	5.9	

Notes:

^a Calculated when the Montana DEQ APH Screening Level is exceed. Adjusted RSL values are based on a cumulative cancer risk of 1 x 10⁻⁵ (adjusted for 78-year lifespan) a cumulative hazard index of 1.0 (non-carcinogens) for only those chemicals selected. APH VI Screening Level Calculator accessible from https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fdeq.mt.gov%2FFiles%2FLand%2FStateSuperFund%2FDocuments%2FNEW%2520aphvisl_calc_20160608.xlsx%3Fv&wdOrigin=BROWSELINK

¹ Calculated from a target excess cancer risk level of one per one million (10⁻⁶) and a target hazard quotient of 0.1

- Not Applicable

--- Not established

Bold Analyte detected at or above the laboratory reporting limit

Bold Detection limit exceeds the RSL. Analyte was not detected in the sample analyzed.

Bold Concentration of detected analyte exceeds the EPA Industrial RSL.

Bold Concentration of detected analyte exceeds the MDEQ APH Screening Levels.

Bold Concentration of detected analyte exceeds both the EPA Industrial RSL and MDEQ APH Screening Levels.

ug/m³ Micrograms per cubic meter

APH Air-Phase Hydrocarbons

B Indicates analyte found in associated method blank.

DEQ Montana Department of Environmental Quality

EPA US Environmental Protection Agency

J The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.

U The analyte was analyzed for, but was not detected at, or above, the reporting limit.

RSL Regional Screening Level

VOA Volatile Organic Analysis

APPENDIX A: FIGURES

Figure 1: Subject Property Location

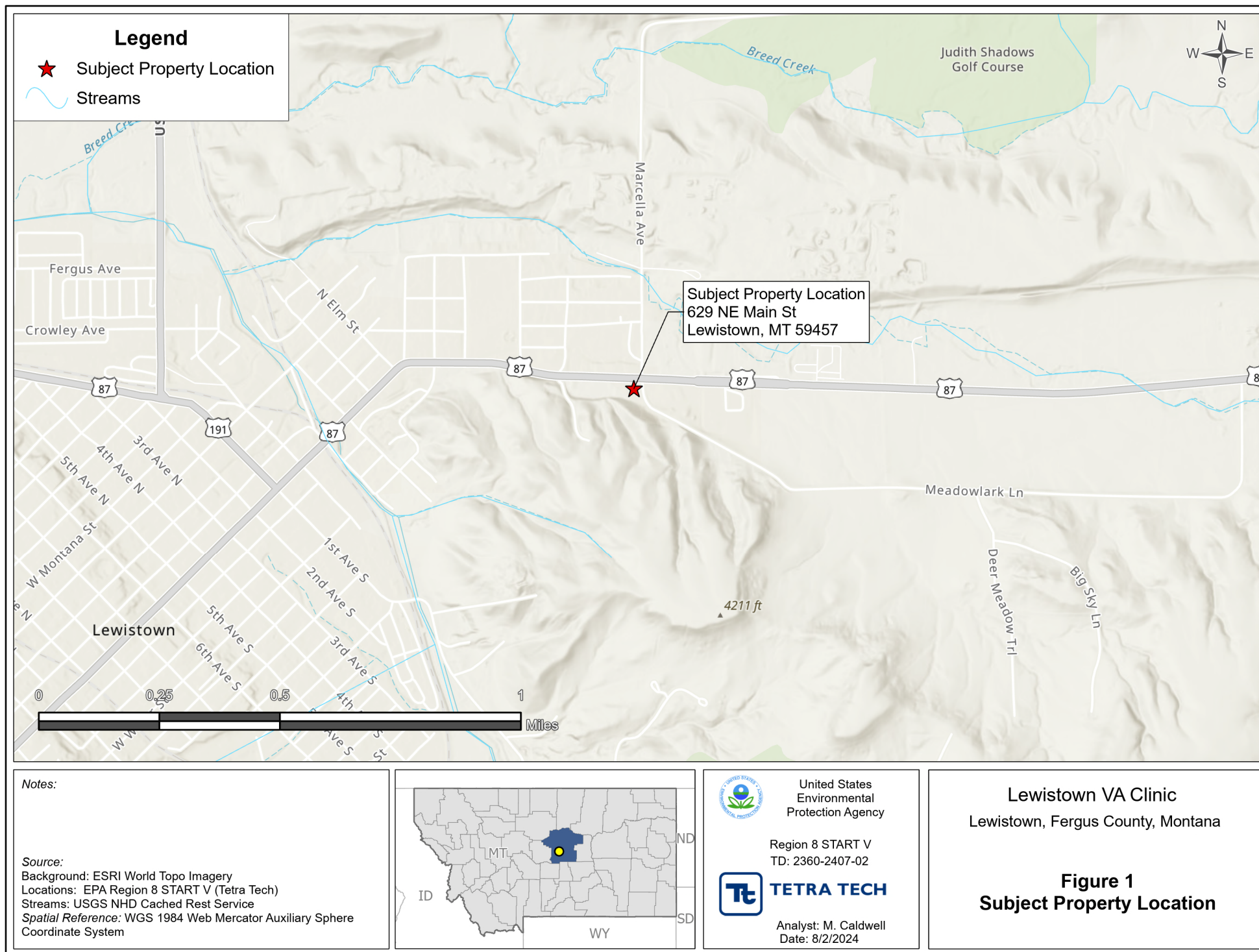
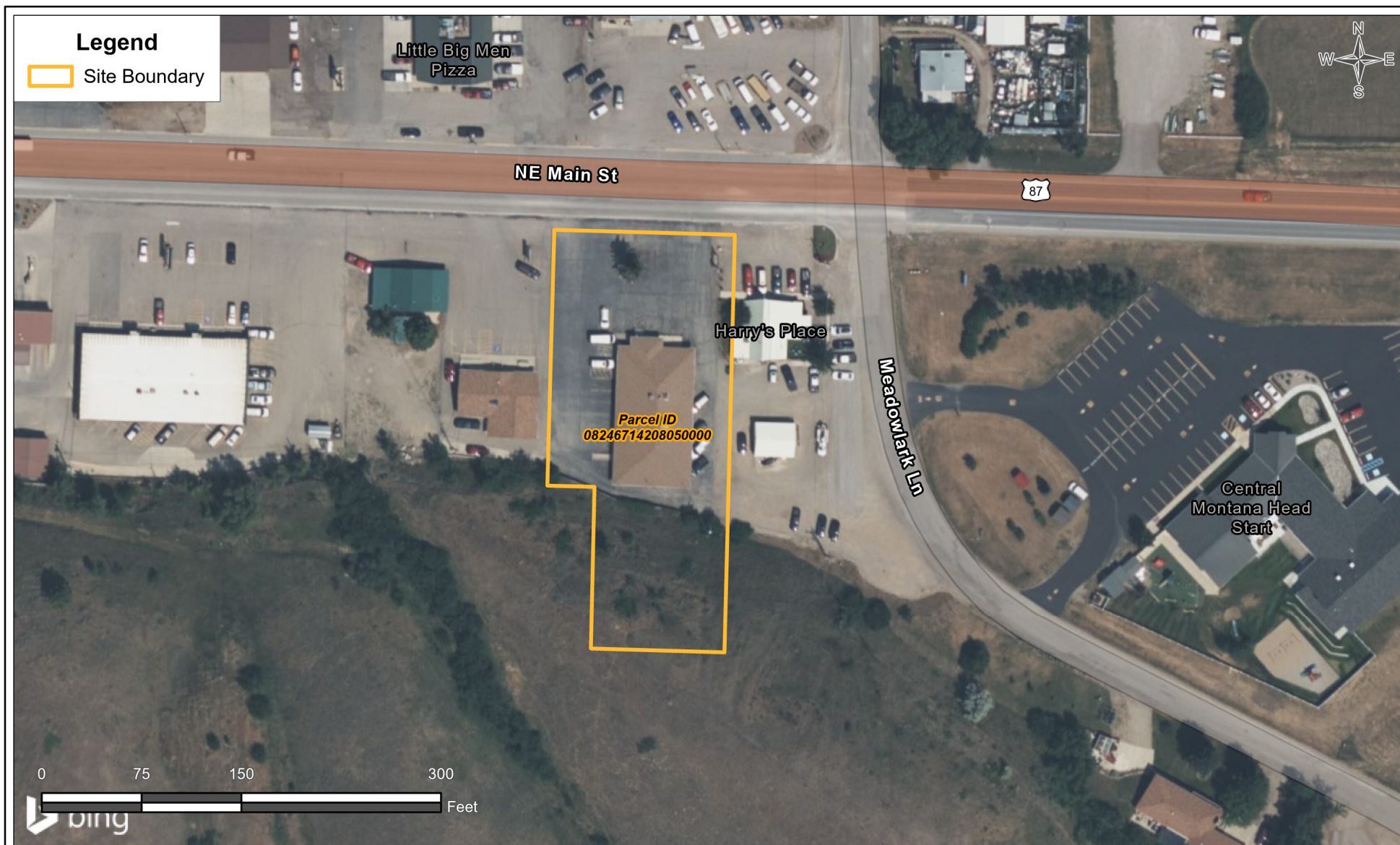
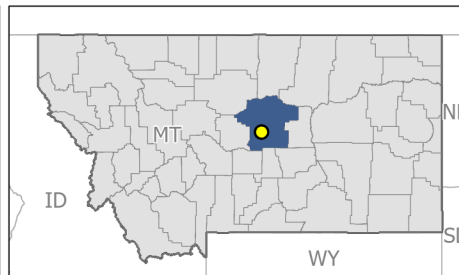


Figure 2: Subject Property Features



Notes:

Source:
 Background: ESRI Bing Hybrid Imagery
 Locations: EPA Region 8 START V (Tetra Tech)
 Parcel/Site Boundary: Montana Cadastral
 Spatial Reference: NAD 1983 StatePlane Montana FIPS 2500 Feet
 Coordinate System



United States
 Environmental
 Protection Agency

Region 8 START V
 TD: 2360-2407-02



TETRA TECH

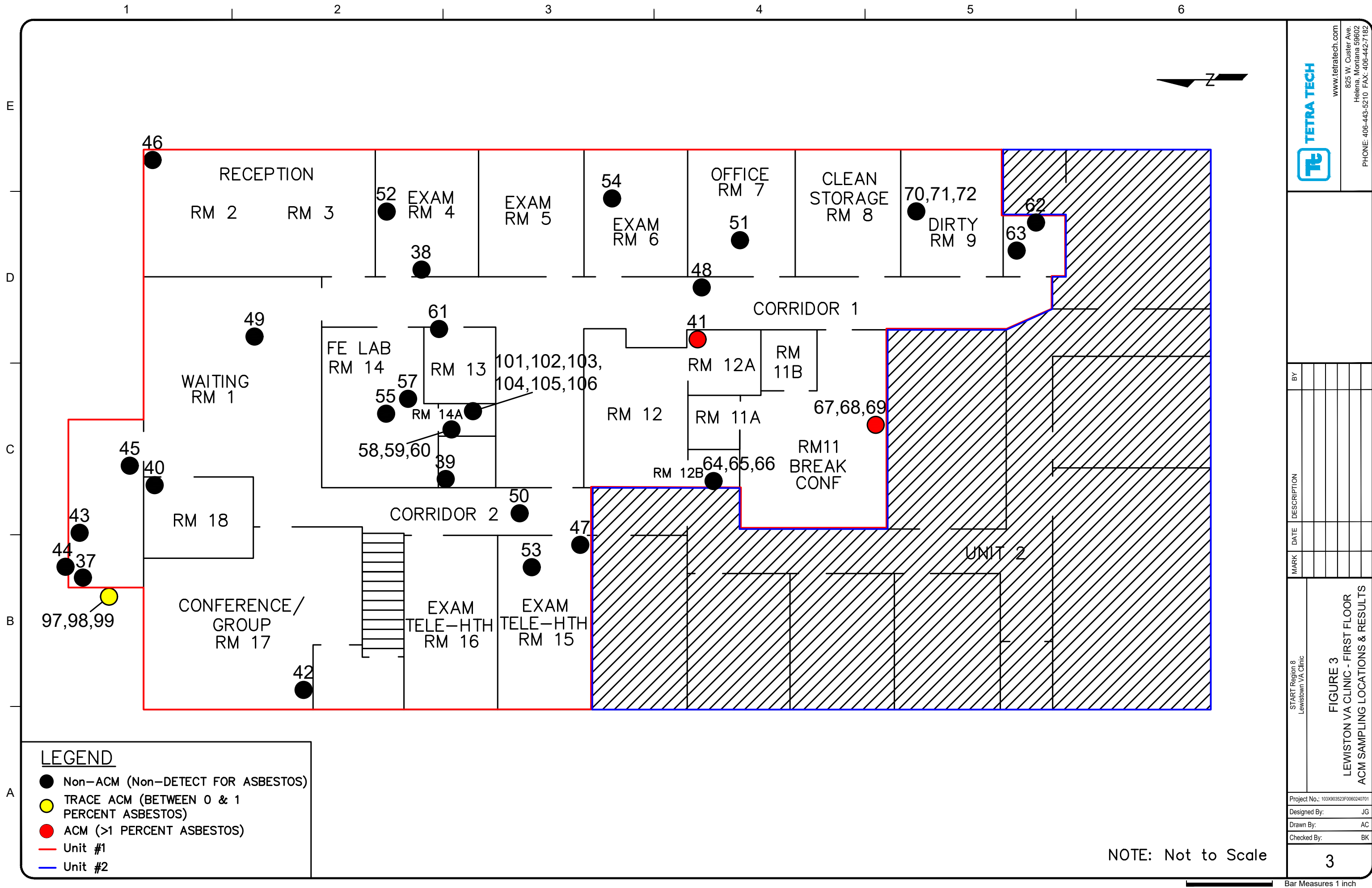
Analyst: M. Caldwell
 Date: 9/25/2024

Lewistown VA Clinic
 Lewistown, Fergus County, Montana

Figure 2
Site Layout

Figure 3: First Floor ACM Sampling Locations

11/21/2024 10:26 AM - S:\CAD\FEDERAL\PA\START V REGION 8\LEWISTOWN VA CLINIC\LEWISTOWN VA_ACM FIGURES.DWG



www.tetrattech.com
825 W. Custer Ave.
Helena, Montana 59602
PHONE: 406-443-5210 FAX: 406-442-7182

MARK	DATE	DESCRIPTION	BY

START Region 8
Lewistown VA Clinic

FIGURE 3
LEWISTOWN VA CLINIC - FIRST FLOOR
ACM SAMPLING LOCATIONS & RESULTS

Project No.: 103X903523F0060240701
Designed By: JG
Drawn By: AC
Checked By: BK

3

Copyright Tetra Tech

Figure 4: Exterior ACM Sampling Locations

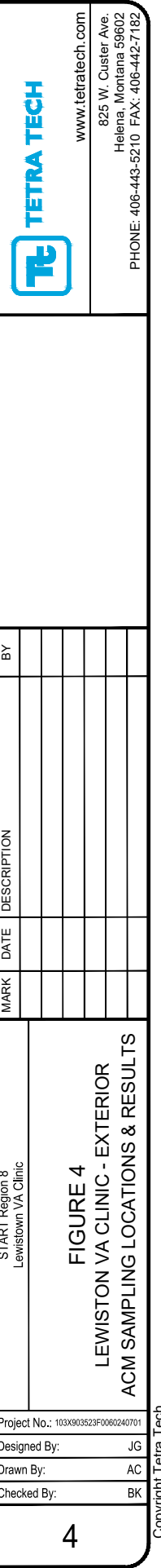
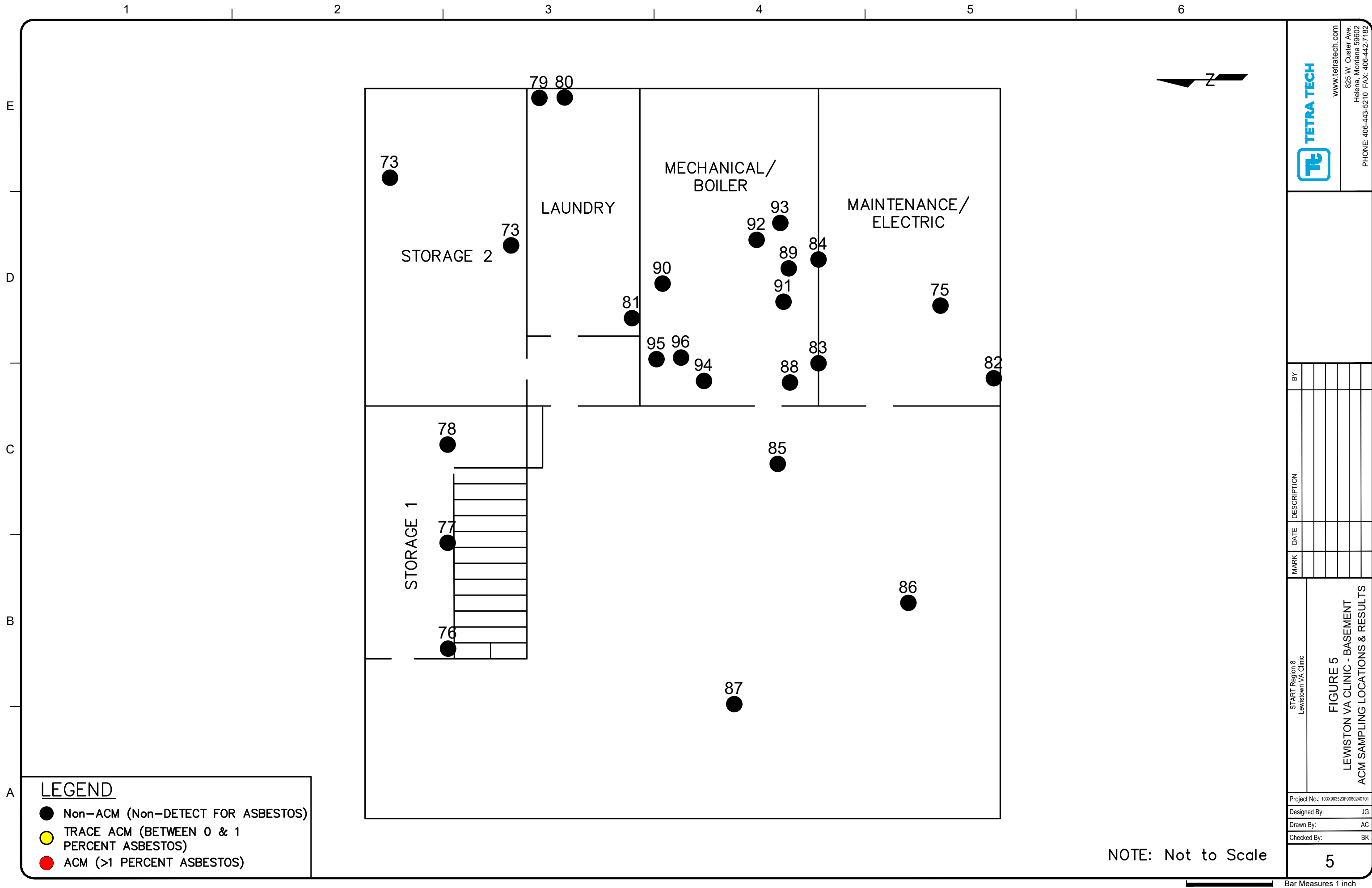


Figure 5: Basement ACM Sampling Locations

11/21/2024 10:26 AM - S:\CAD\FEDERAL\PA\START V REGION 8\LEWISTOWN VA CLINIC\LEWISTON VA_ACM FIGURES.DWG





TETRA TECH

www.tetrattech.com
825 W. Custer Ave.
Helena, Montana 59602
PHONE: 406-443-5210 FAX: 406-442-7182

MARK	DATE	DESCRIPTION	BY

Project No.: 103X903523F0060240701

Designed By: JG

Drawn By: AC

Checked By: BK

5

Copyright Tetra Tech

Figure 6: Positive LBP Screening Locations

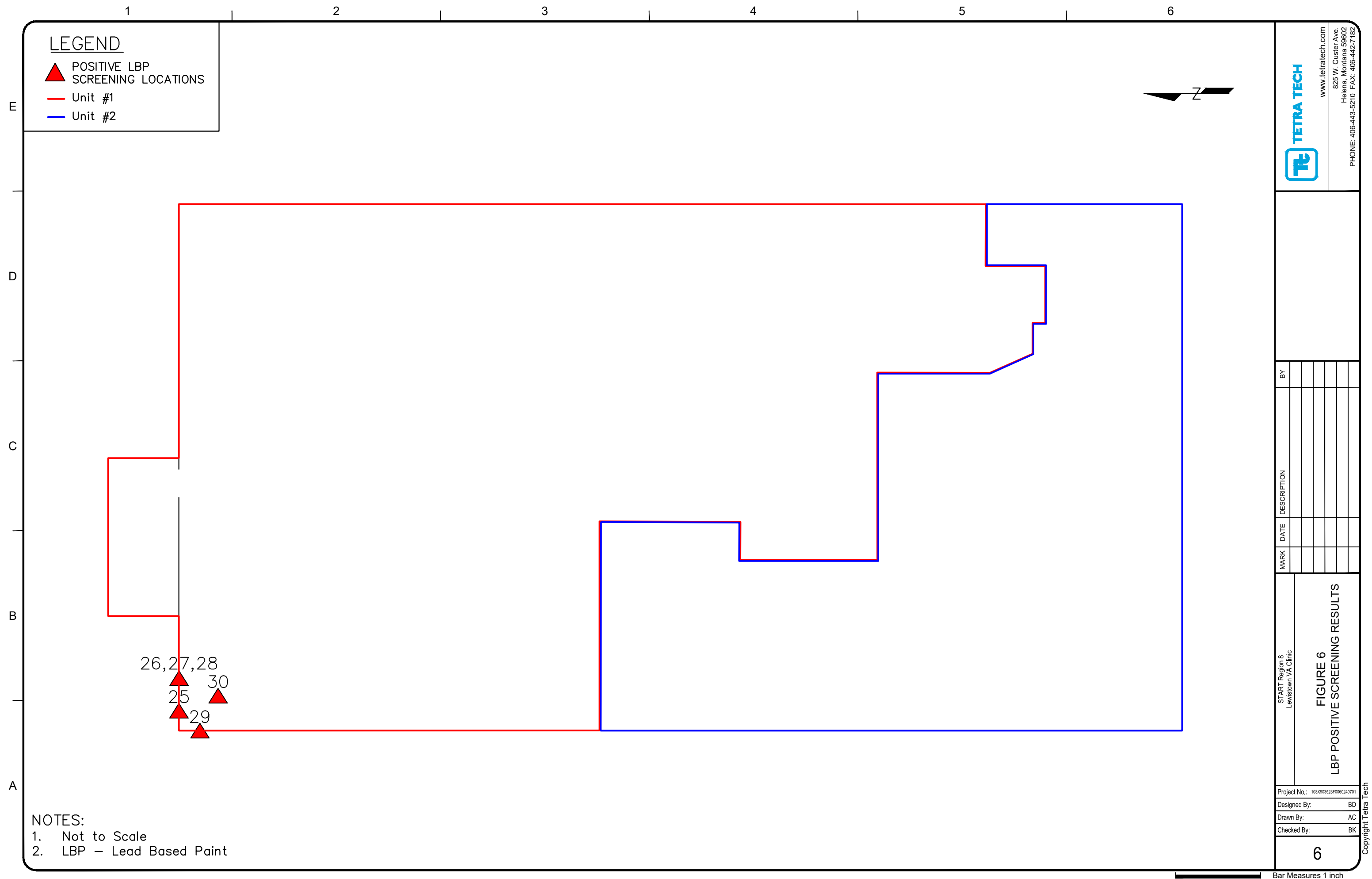
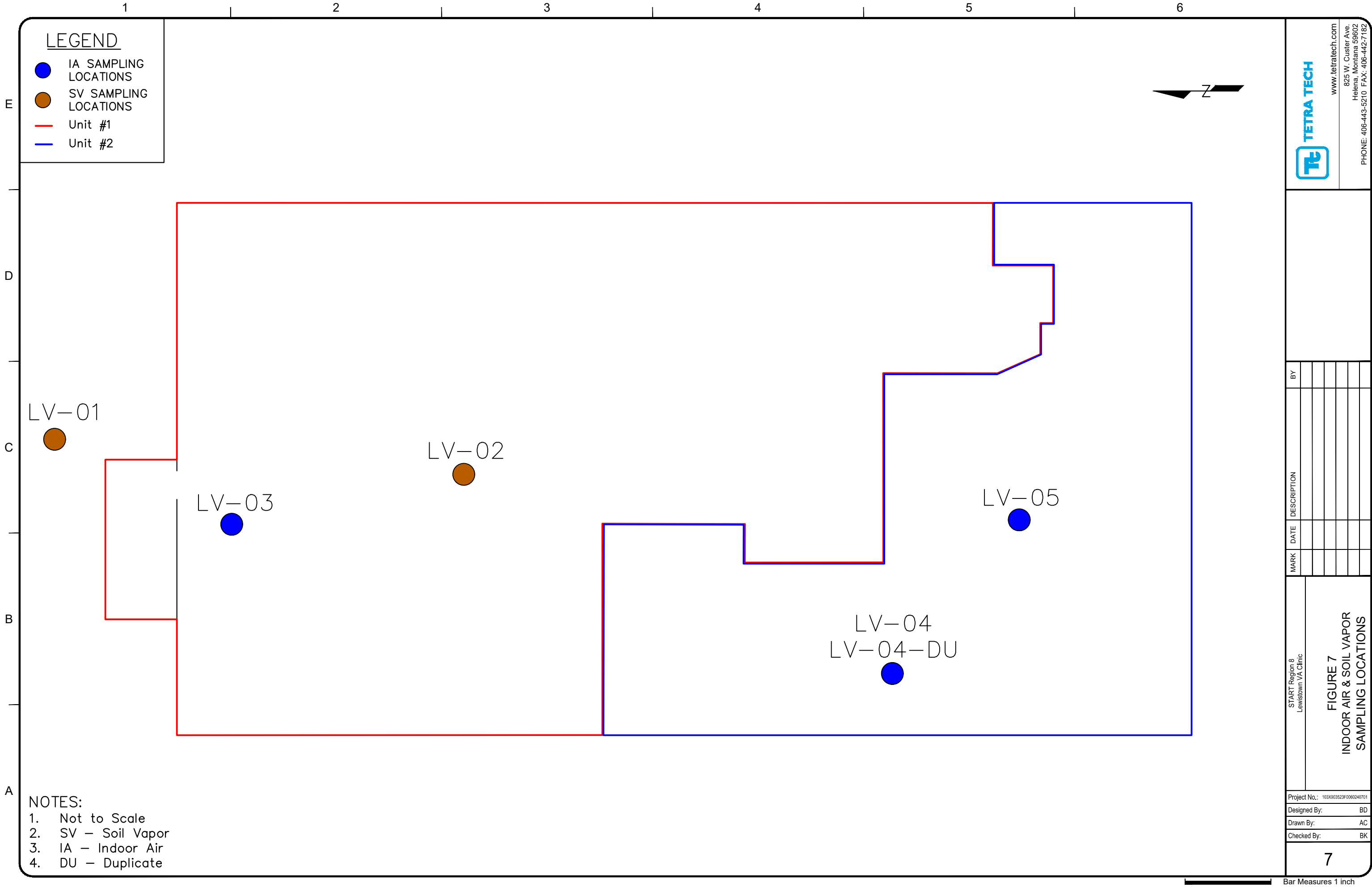


Figure 7: Indoor Air and Soil Vapor Sampling Locations

11/21/2024 10:27 AM - S:\CAD\FEDERAL\PA\START V REGION 8\LEWISTOWN VA CLINIC\LEWISTOWN VA_ SV-IA FIGURES.DWG



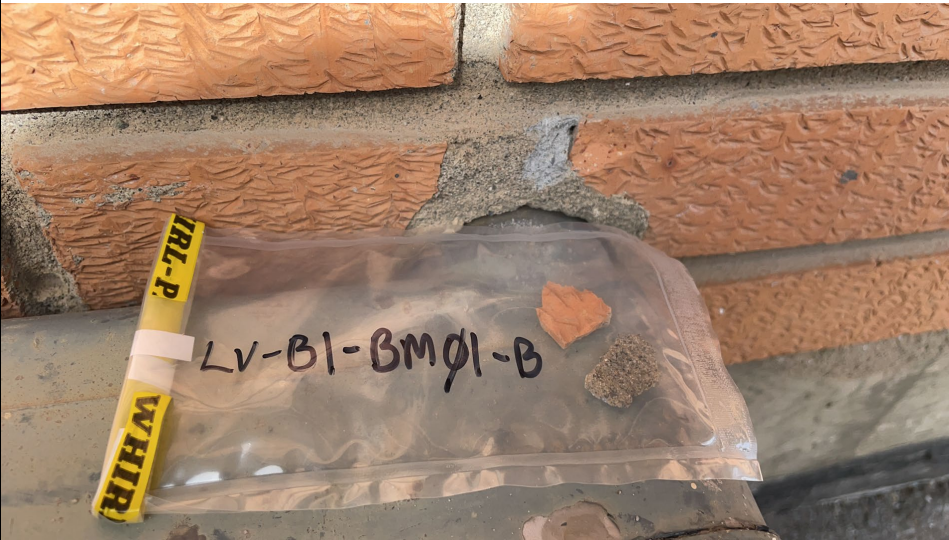
MARK	DATE	DESCRIPTION	BY

APPENDIX B: PHOTOGRAPHIC DOCUMENTATION

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.
2360-2407-02

Date/Time Taken:	10/1/2024 2:18:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069509	
Longitude:	-109.40846	
Photo Direction:	NNW	
ACM Sample ID:	BM01-B	
Photo Description: Non-detect brick and mortar collected from the exterior of the subject property building.		
Photo Name: Photos-20241001-201835.jpg		

Date/Time Taken:	10/1/2024 2:41:00 PM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069822	
Longitude:	-109.408324	
Photo Direction:	WSW	
ACM Sample ID:	BM02-ABC	
Photo Description: Non-detect cinder block and mortar collected from the northeast exterior of the subject property building.		
Photo Name: Photos-20241001-204135.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/1/2024 2:36:00 PM
Photographer:	Spiegelberg_Taylor
Latitude:	47.069842
Longitude:	-109.408519
Photo Direction:	SE
ACM Sample ID:	BM03-ABC
Photo Description: Non-detect brick and mortar on collected from the north side original stairset on the exterior of the subject property building.	
Photo Name: Photos-20241001-203636.jpg	



Date/Time Taken:	10/2/2024 9:29:00 AM
Photographer:	Spiegelberg_Taylor
Latitude:	47.06949
Longitude:	-109.408649
Photo Direction:	SW
ACM Sample ID:	BM04-A
Photo Description: Non-detect cinder block and mortar collected from the basement.	
Photo Name: Photos-20241002-152933.jpg	

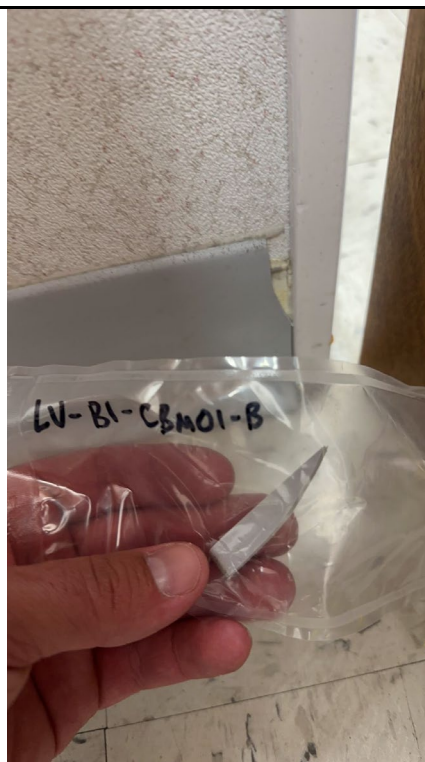


Project Name:
Lewistown VA Clinic

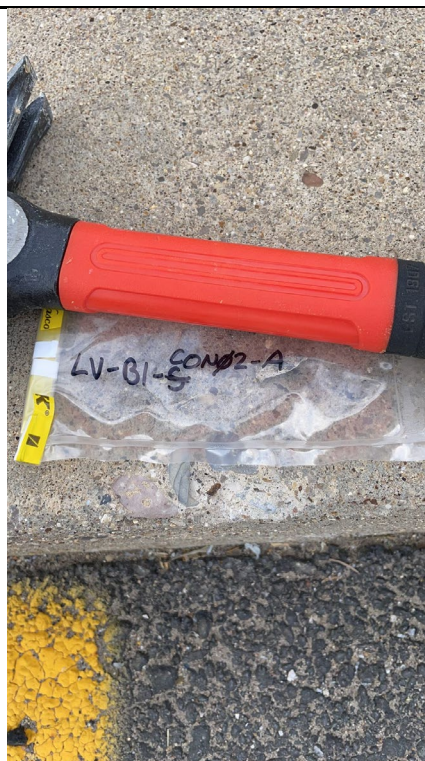
Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/1/2024 6:09:00 PM
Photographer:	Spiegelberg_Taylor
Latitude:	47.06976
Longitude:	-109.408414
Photo Direction:	W
ACM Sample ID:	CBM01-B
Photo Description: Gray non-detect cove base observed throughout the interior of the subject property.	
Photo Name: Photos-20241002-000912.jpg	



Date/Time Taken:	10/1/2024 2:27:00 PM
Photographer:	Gordon_Jimi
Latitude:	47.06983
Longitude:	-109.408357
Photo Direction:	SSW
ACM Sample ID:	CON02-A
Photo Description: Non-detect gray concrete collected from the exterior of the subject property.	
Photo Name: Photos-20241001-202725.jpg	



Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

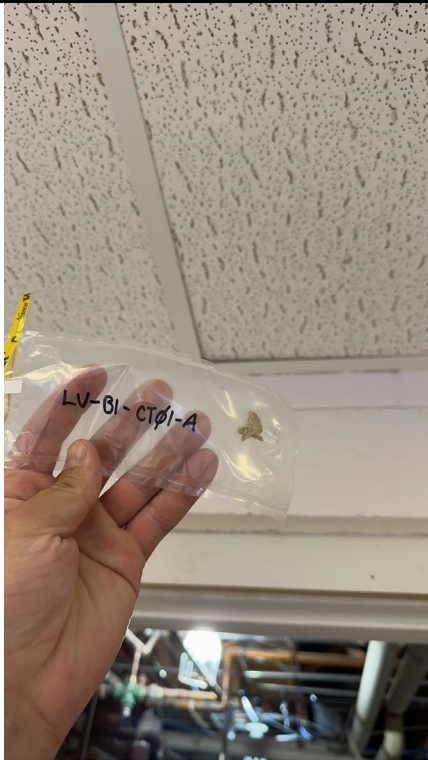
Date/Time Taken:	10/1/2024 2:17:00 PM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069522	
Longitude:	-109.408374	
Photo Direction:	NNE	
ACM Sample ID:	CK01-ABC	
Photo Description: Non-detect beige caulking observed around the windows on the south exterior of the subject property building.		
Photo Name: Photos-20241001-201705.jpg		

Date/Time Taken:	10/1/2024 2:30:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069565	
Longitude:	-109.408547	
Photo Direction:	NNE	
ACM Sample ID:	CON01-A	
Photo Description: Non-detect, gravel like concrete observed around the foundation of the subject property building.		
Photo Name: Photos-20241001-203028.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.
2360-2407-02

Date/Time Taken:	10/2/2024 10:05:00 AM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069707	
Longitude:	-109.408523	
Photo Direction:	ENE	
ACM Sample ID:	CT01-A	
Photo Description: Non-detect white ceiling tile with squiggle like design observed in the basement.		
Photo Name: Photos-20241002-160515.jpg		

Date/Time Taken:	10/1/2024 2:58:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.06962	
Longitude:	-109.408546	
Photo Direction:	SSE	
ACM Sample ID:	CON03-ABC	
Photo Description: Non-detect concrete patch collected from the exterior of the subject property.		
Photo Name: Photos-20241001-205804.jpg		

Project Name:

Lewistown VA Clinic

Site Location:

Lewistown, Montana

Project No.

2360-2407-02

Date/Time Taken:	10/1/2024 2:32:00 PM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.06984	
Longitude:	-109.408498	
Photo Direction:	ENE	
ACM Sample ID:	CON04-ABC	
Photo Description: Non-detect concrete collected from the north side newer stairs.		
Photo Name: Photos-20241001-203219.jpg		

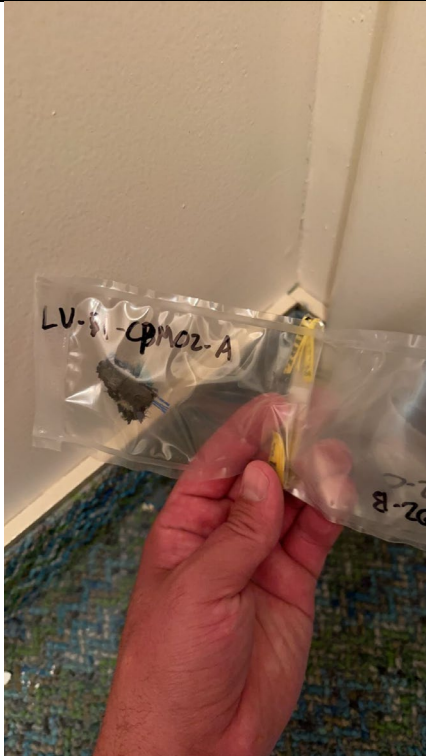
Date/Time Taken:	10/2/2024 10:13:00 AM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069701	
Longitude:	-109.408446	
Photo Direction:	NNE	
ACM Sample ID:	CON05-A	
Photo Description: Non-detect gray concrete collected from the basement.		
Photo Name: Photos-20241002-161305.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.
2360-2407-02

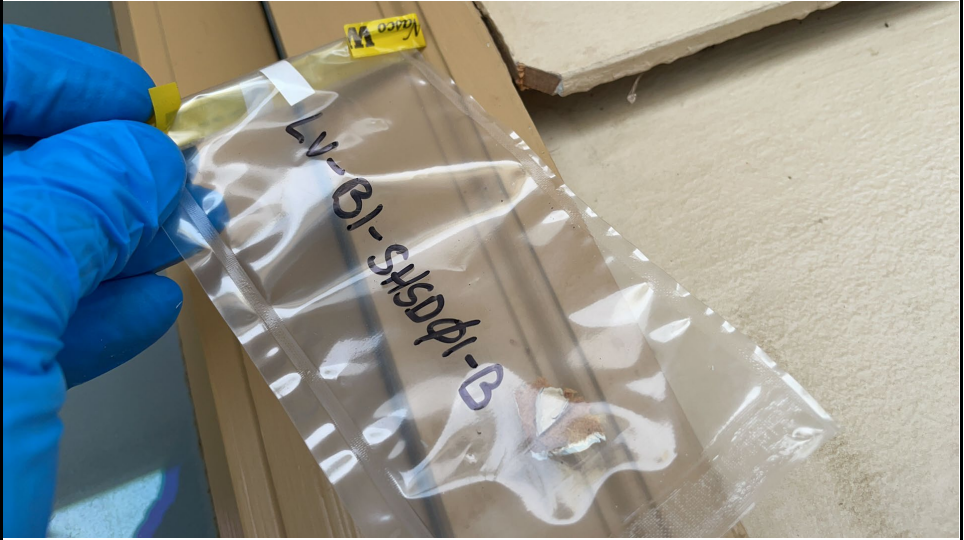
Date/Time Taken:	10/1/2024 6:16:00 PM	
Photographer:	Spiegelberg_Tayl or	
Latitude:	47.069807	
Longitude:	-109.408483	
Photo Direction:	WSW	
ACM Sample ID:	CPM01-ABC	
Photo Description: Non-detect beige and purple carpet observed and collected from the storeroom.		
Photo Name: Photos-20241002-001608.jpg		

Date/Time Taken:	10/1/2024 6:32:00 PM	
Photographer:	Spiegelberg_Tayl or	
Latitude:	47.069665	
Longitude:	-109.408405	
Photo Direction:	WNW	
ACM Sample ID:	CPM02-ABC	
Photo Description: Non-detect blue green carpet and mastic collected from room 12.		
Photo Name: Photos-20241002-003255.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/1/2024 2:38:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069544	
Longitude:	-109.408325	
Photo Direction:	WNW	
ACM Sample ID:	SHSD01-B	
Photo Description: Non-detect cream siding collected from the exterior of the subject property building.		
Photo Name: Photos-20241001-203851.jpg		

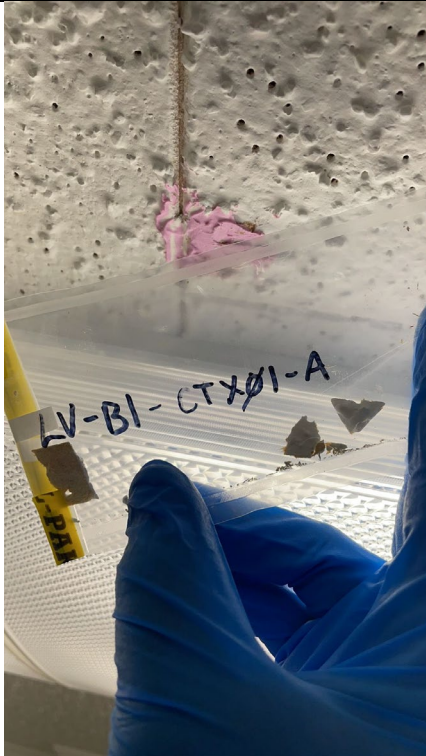
Date/Time Taken:	10/1/2024 6:56:00 PM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069738	
Longitude:	-109.408325	
Photo Direction:	NW	
ACM Sample ID:	CT02-A	
Photo Description: Non-detect white 18-inch ceiling tile observed throughout the subject property.		
Photo Name: Photos-20241002-005600.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

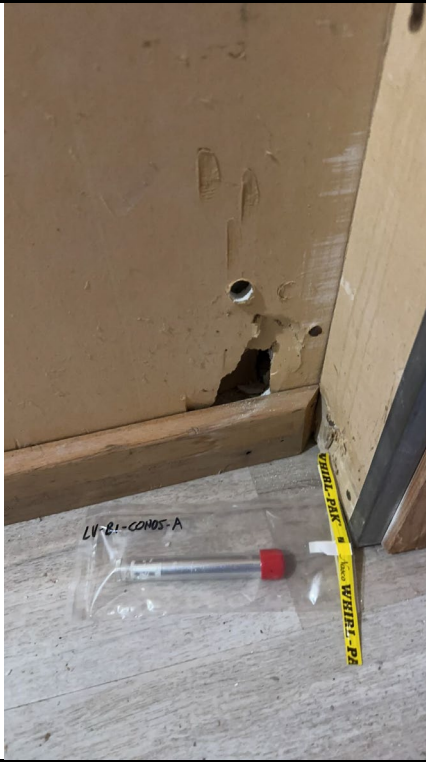
Date/Time Taken:	10/1/2024 7:13:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069734	
Longitude:	-109.408476	
Photo Direction:	WSW	
ACM Sample ID:	CT03-ABC	
Photo Description: Non-detect white pinhole 12-inch ceiling tile observed and collected in room 14.		
Photo Name: Photos-20241002-011342.jpg		

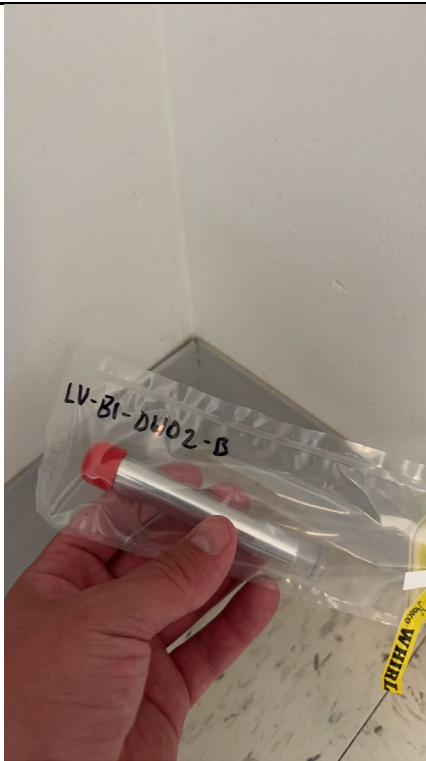
Date/Time Taken:	10/1/2024 6:45:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069828	
Longitude:	-109.408378	
Photo Direction:	ENE	
ACM Sample ID:	CTX01-A	
Photo Description: Non-detect, white bumpy ceiling texture observed throughout the subject property.		
Photo Name: Photos-20241002-004507.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/2/2024 9:39:00 AM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069764	
Longitude:	-109.408545	
Photo Direction:	S	
ACM Sample ID:	DW01-A	
Photo Description: Non-detect white drywall with no mud, observed and collected in the basement.		
Photo Name: Photos-20241002-153909.jpg		

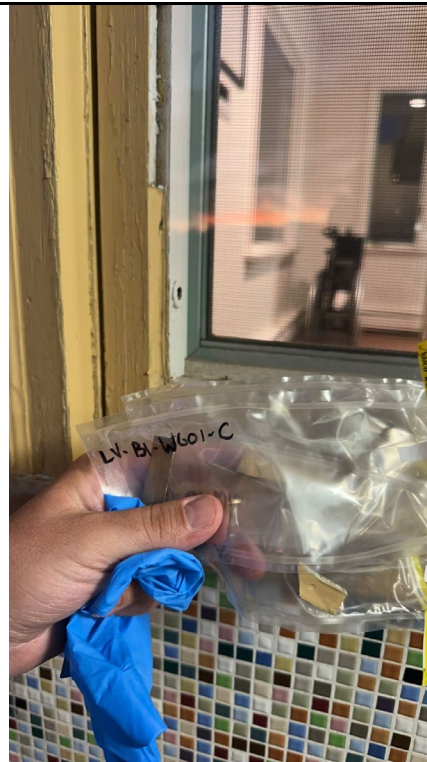
Date/Time Taken:	10/1/2024 6:23:00 PM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.06968	
Longitude:	-109.408334	
Photo Direction:	NE	
ACM Sample ID:	DW02-B	
Photo Description: Non-detect white drywall with 2 percent chryostile off-white joint compound. ACM joint compound was not discovered in samples DW02-A or DW02-C. The total amount of the positive ACM is over-estimated at 5,200 square feet.		
Photo Name: Photos-20241002-002348.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.
2360-2407-02

Date/Time Taken:	10/1/2024 7:23:00 PM
Photographer:	Spiegelberg_Taylor
Latitude:	47.069822
Longitude:	-109.40851
Photo Direction:	ENE
ACM Sample ID:	WG01-ABC
Photo Description: Non-detect window glaze observed on the exterior portion of the subject property's building windows.	
Photo Name: Photos-20241002-012314.jpg	



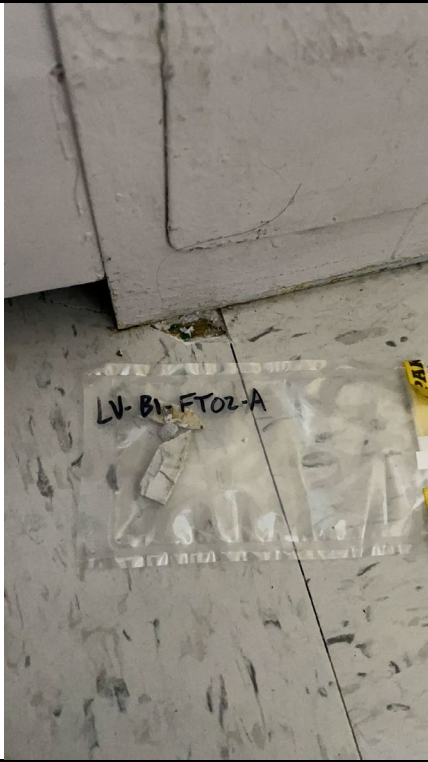
Date/Time Taken:	10/1/2024 6:24:00 PM
Photographer:	Gordon_Jimi
Latitude:	47.069819
Longitude:	-109.408491
Photo Direction:	NE
ACM Sample ID:	FT01-A
Photo Description: Non-detect burgundy floor tile with grout observed and collected in the vestibule.	
Photo Name: Photos-20241002-002450.jpg	



Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/1/2024 6:31:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069795	
Longitude:	-109.408331	
Photo Direction:	NNE	
ACM Sample ID:	FT02-A	
Photo Description: Non-detect white floor tile observed throughout the interior of the subject property.		
Photo Name: Photos-20241002-003101.jpg		

Date/Time Taken:	10/1/2024 2:51:00 PM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069812	
Longitude:	-109.408335	
Photo Direction:	S	
ACM Sample ID:	GR01-AB	
Photo Description: Non-detect multi-color wall tile, white grout, and gray plaster collected from the exterior of the subject property building.		
Photo Name: Photos-20241001-205154.jpg		

Project Name:
Lewistown VA Clinic

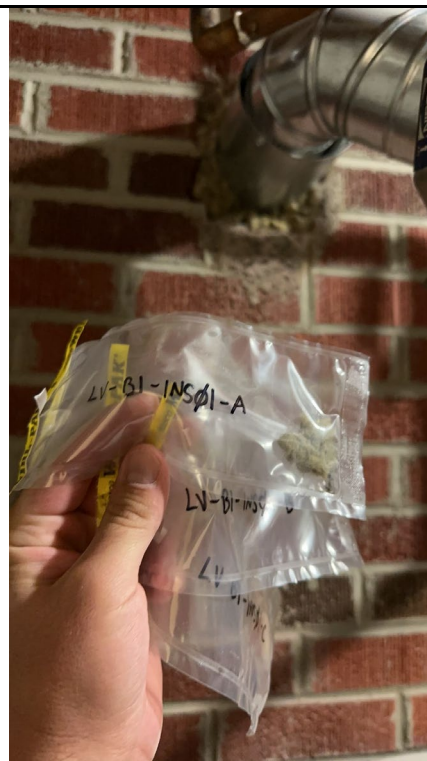
Site Location:
Lewistown, Montana

Project No.
2360-2407-02

Date/Time Taken:	10/2/2024 9:32:00 AM
Photographer:	Spiegelberg_Taylor
Latitude:	47.069737
Longitude:	-109.408476
Photo Direction:	ENE
ACM Sample ID:	MA01-AB
Photo Description: Non-detect brown mastic observed in the laundry room in the basement.	
Photo Name: Photos-20241002-153234.jpg	



Date/Time Taken:	10/2/2024 10:00:00 AM
Photographer:	Spiegelberg_Taylor
Latitude:	47.069741
Longitude:	-109.408347
Photo Direction:	NNW
ACM Sample ID:	INS01-ABC
Photo Description: Non-detect insulation collected on the water heater exhaust pipe in the boiler room.	
Photo Name: Photos-20241002-160032.jpg	

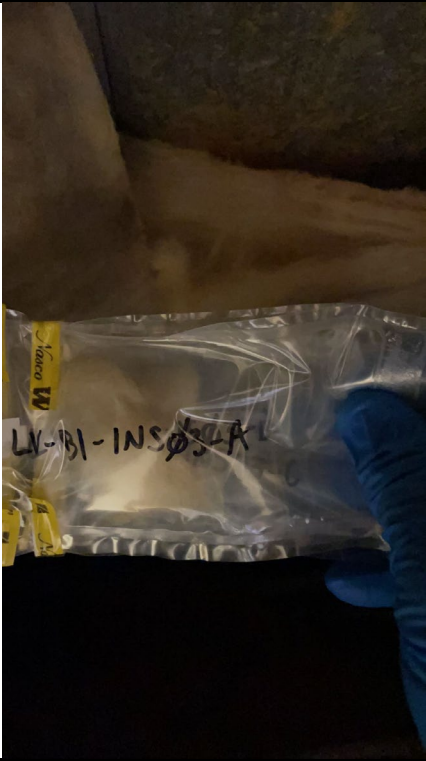


Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/1/2024 7:32:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069675	
Longitude:	-109.408494	
Photo Direction:	SSE	
ACM Sample ID:	INS02-ABC	
Photo Description: Non-detect splinter insulation observed and collected from the attic of the subject property building.		
Photo Name: Photos-20241002-013224.jpg		

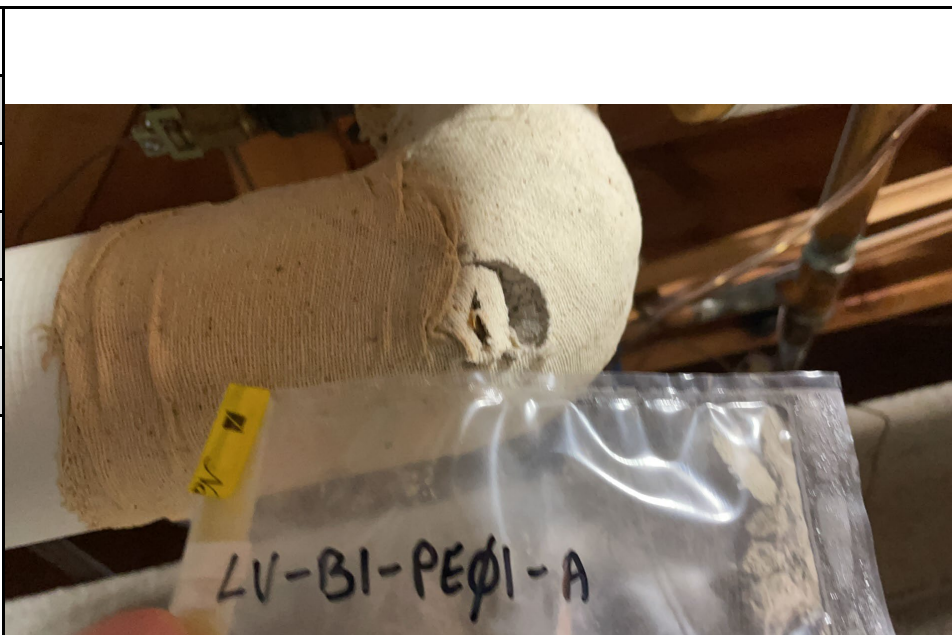
Date/Time Taken:	10/1/2024 7:34:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069714	
Longitude:	-109.40839	
Photo Direction:	SW	
ACM Sample ID:	INS03-ABC	
Photo Description: Non-detect yellow blanket insulation observed and collected from the ducts in the attic.		
Photo Name: Photos-20241002-013420.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/2/2024 10:27:00 AM
Photographer:	Gordon_Jimi
Latitude:	47.069722
Longitude:	-109.408462
Photo Direction:	SSW
ACM Sample ID:	PE01-A
Photo Description: Non-detect pipe elbow insulation observed in the boiler room.	
Photo Name: Photos-20241002-162734.jpg	



Date/Time Taken:	10/2/2024 10:25:00 AM
Photographer:	Gordon_Jimi
Latitude:	47.069678
Longitude:	-109.408552
Photo Direction:	S
ACM Sample ID:	PI01-A
Photo Description: Non-detect white pipe insulation observed in the boiler room.	
Photo Name: Photos-20241002-162543.jpg	

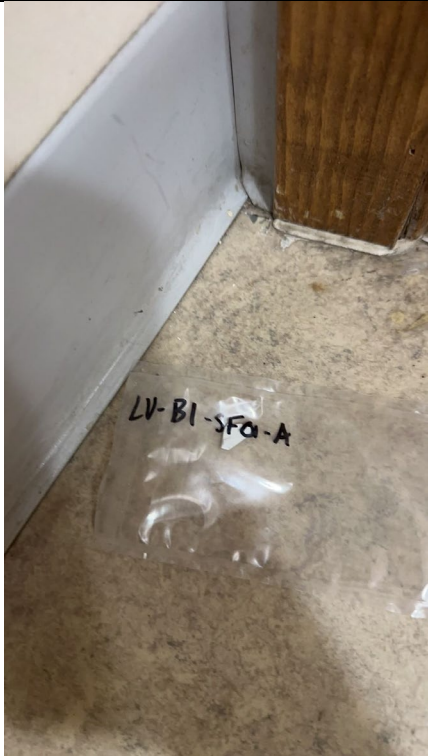


Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

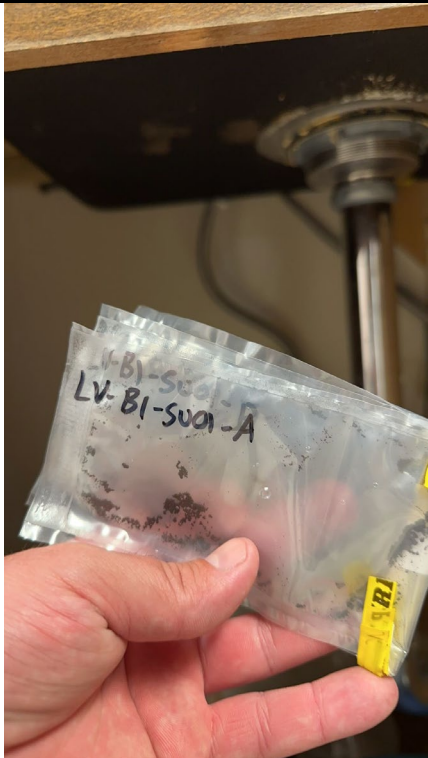
Date/Time Taken:	10/1/2024 2:50:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069696	
Longitude:	-109.408542	
Photo Direction:	E	
ACM Sample ID:	RS01-ABC	
Photo Description: Non-detect roofing system including roof shingles, paper, and black tar, collected from the edge of the roof.		
Photo Name: Photos-20241001-205021.jpg		

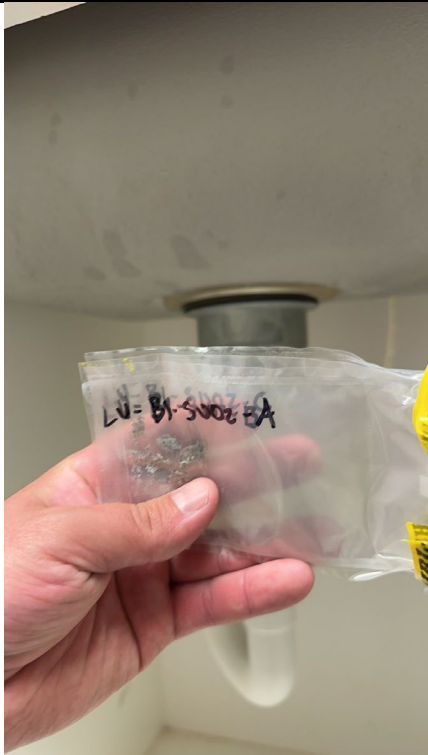
Date/Time Taken:	10/1/2024 6:49:00 PM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069725	
Longitude:	-109.40848	
Photo Direction:	NE	
ACM Sample ID:	SF01-A	
Photo Description: Non-detect being sheet flooring observed throughout the subject property.		
Photo Name: Photos-20241002-004923.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/1/2024 6:37:00 PM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069683	
Longitude:	-109.408439	
Photo Direction:	S	
ACM Sample ID:	SU01-ABC	
Photo Description: Non-detect black sink undercoating collected from the breakroom sink.		
Photo Name: Photos-20241002-003721.jpg		

Date/Time Taken:	10/1/2024 6:42:00 PM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069619	
Longitude:	-109.408337	
Photo Direction:	NNW	
ACM Sample ID:	SU02-ABC	
Photo Description: White sink undercoat collected from the room 9 sink returned as 2 percent chrysotile asbestos totaling 3 square feet.		
Photo Name: Photos-20241002-004201.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/3/2024 11:00:00 PM
Photographer:	Gordon_Jimi
Latitude:	47.069774
Longitude:	-109.408424
Photo Direction:	NW
Category:	Assessment
Photo Description: Photo of Sample LV-03-IA-G-42-20241003 at Location 03.	
Photo Name: Photos-20241004-045853.jpg	



Date/Time Taken:	10/3/2024 11:10:00 PM
Photographer:	Gordon_Jimi
Latitude:	47.069588
Longitude:	-109.408545
Photo Direction:	N
Category:	Assessment
Photo Description: Photo of Sample LV-05-IA-G-48-20241003 at Location 05.	
Photo Name: Photos-20241004-050547.jpg	

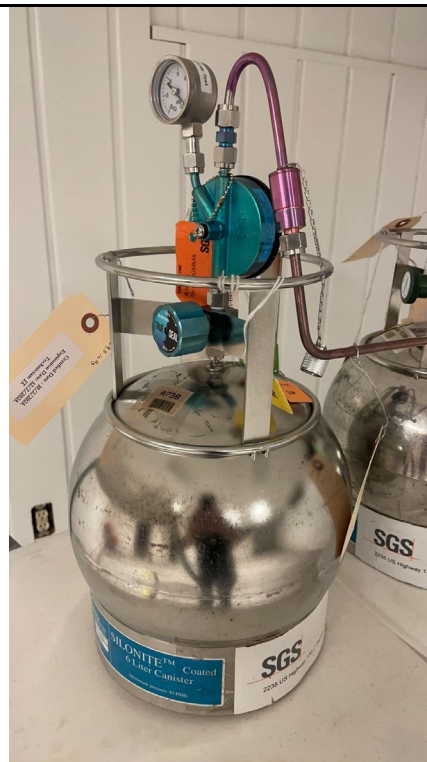


Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/3/2024 11:20:00 PM
Photographer:	Gordon_Jimi
Latitude:	47.069712
Longitude:	-109.408567
Photo Direction:	SSW
Category:	Assessment
Photo Description: Photo of Sample LV-04-IA-G-48-20241003 at Location 04.	
Photo Name: Photos-20241004-050952.jpg	



Date/Time Taken:	10/3/2024 11:20:00 PM
Photographer:	Gordon_Jimi
Latitude:	47.069714
Longitude:	-109.408609
Photo Direction:	SSW
Category:	Assessment
Photo Description: Photo of Sample LV-04-IA-G-48-20241003-DU at Location 04.	
Photo Name: Photos-20241004-051022.jpg	

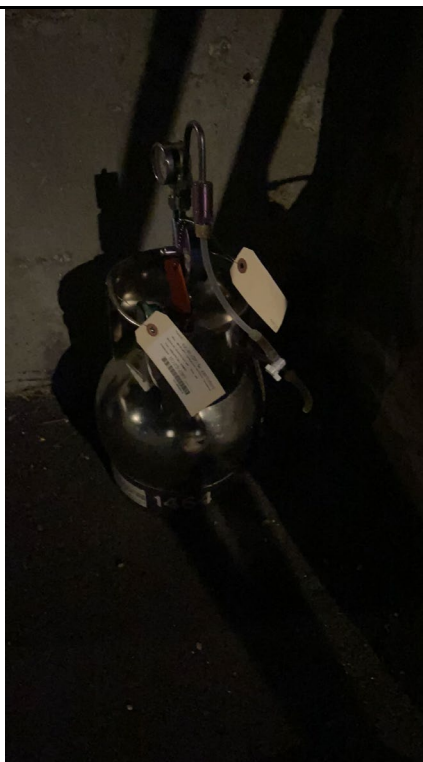


Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/4/2024 12:15:00 AM
Photographer:	Gordon_Jimi
Latitude:	47.069823
Longitude:	-109.408454
Photo Direction:	S
Category:	Assessment
Photo Description: Photo of Sample LV-01-SV-G-00-12-20241004 at Location 01.	
Photo Name: Photos-20241004-061020.jpg	



Date/Time Taken:	10/3/2024 12:00:00 AM
Photographer:	Gordon_Jimi
Latitude:	47.069783
Longitude:	-109.40842
Photo Direction:	NNE
Category:	Assessment
Photo Description: Photo of Sample LV-02-SV-G-00-06-20241004 at Location 02.	
Photo Name: Photos-20241004-055929.jpg	



Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/1/2024 4:48:00 PM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069716	
Longitude:	-109.408412	
Photo Direction:	SSW	
Category:	General Photos	
Photo Description: Overview photo of the basement as it undergoes remodeling.		
Photo Name: Photos-20241001-224844.jpg		

Date/Time Taken:	10/1/2024 4:49:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069768	
Longitude:	-109.408496	
Photo Direction:	NE	
Category:	General Photos	
Photo Description: Overview photo of the boiler room, showcasing a new boiler.		
Photo Name: Photos-20241001-224923.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/1/2024 4:49:00 PM
Photographer:	Gordon_Jimi
Latitude:	47.0697
Longitude:	-109.408646
Photo Direction:	ESE
Category:	General Photos
Photo Description: Overview photo of the main-electric room.	
Photo Name: Photos-20241001-224954.jpg	



Date/Time Taken:	10/1/2024 4:49:00 PM
Photographer:	Spiegelberg_Taylor
Latitude:	47.069777
Longitude:	-109.408502
Photo Direction:	E
Category:	General Photos
Photo Description: Overview photo of the Laundry Room as it undergoes remodeling.	
Photo Name: Photos-20241001-224957.jpg	



Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/1/2024 4:51:00 PM
Photographer:	Spiegelberg_Taylor
Latitude:	47.069752
Longitude:	-109.408434
Photo Direction:	S
Category:	General Photos
Photo Description: Light bulbs with mercury-containing symbols were identified throughout the subject property.	
Photo Name: Photos-20241001-225113.jpg	



Date/Time Taken:	10/1/2024 4:58:00 PM
Photographer:	Gordon_Jimi
Latitude:	47.06961
Longitude:	-109.408526
Photo Direction:	SW
Category:	General Photos
Photo Description: Overview photo of Exam Room 1.	
Photo Name: Photos-20241001-225822.jpg	



Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.
2360-2407-02

Date/Time Taken:	10/1/2024 4:56:00 PM	
Photographer:	Spiegelberg_Tayl or	
Latitude:	47.069743	
Longitude:	-109.408516	
Photo Direction:	SW	
Category:	General Photos	
Photo Description: Overview photo of Unit 2 doctors office waiting room. Samples were not collected from Unit #2 as it had been completely remodeled before the START V inspectors arrived.		
Photo Name: Photos-20241001-225644.jpg		

Date/Time Taken:	10/1/2024 4:57:00 PM	
Photographer:	Spiegelberg_Tayl or	
Latitude:	47.069549	
Longitude:	-109.408544	
Photo Direction:	NNW	
Category:	General Photos	
Photo Description: Overview photo of the doctors office remodeled hallway. New flooring and paint are apparent throughout the remodeled areas.		
Photo Name: Photos-20241001-225706.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.
2360-2407-02

Date/Time Taken:	10/1/2024 4:58:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069641	
Longitude:	-109.408586	
Photo Direction:	NW	
Category:	General Photos	
Photo Description: Mercury switches were observed throughout the subject property including in the newly remodeled areas.		
Photo Name: Photos-20241001-225858.jpg		

Date/Time Taken:	10/1/2024 5:00:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.06958	
Longitude:	-109.408514	
Photo Direction:	E	
Category:	General Photos	
Photo Description: Overview photo of the reception area.		
Photo Name: Photos-20241001-230044.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/1/2024 7:01:00 PM	
Photographer:	Spiegelberg_Tayl or	
Latitude:	47.069798	
Longitude:	-109.408425	
Photo Direction:	E	
Category:	General Photos	
Photo Description: Overview photo of the waiting room.		
Photo Name: Photos-20241002-010104.jpg		

Date/Time Taken:	10/1/2024 7:01:00 PM	
Photographer:	Spiegelberg_Tayl or	
Latitude:	47.069781	
Longitude:	-109.408451	
Photo Direction:	N	
Category:	General Photos	
Photo Description: Overview photo of the conference room.		
Photo Name: Photos-20241002-010130.jpg		

Project Name:
Lewistown VA Clinic

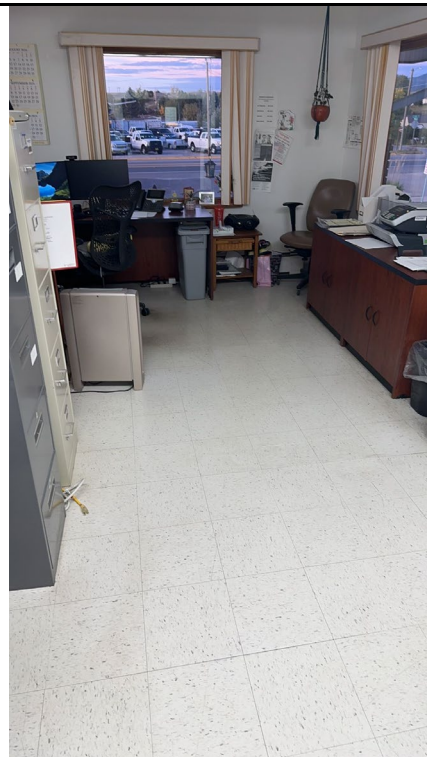
Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/1/2024 7:05:00 PM
Photographer:	Spiegelberg_Taylor
Latitude:	47.069725
Longitude:	-109.40846
Photo Direction:	WNW
Category:	General Photos
Photo Description: Overview photo of the entry vestibule.	
Photo Name: Photos-20241002-010529.jpg	



Date/Time Taken:	10/1/2024 7:02:00 PM
Photographer:	Spiegelberg_Taylor
Latitude:	47.069826
Longitude:	-109.408423
Photo Direction:	N
Category:	General Photos
Photo Description: Overview photo of the administrative room.	
Photo Name: Photos-20241002-010225.jpg	



Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/1/2024 7:03:00 PM
Photographer:	Spiegelberg_Taylor
Latitude:	47.069822
Longitude:	-109.408697
Photo Direction:	ESE
Category:	General Photos
Photo Description: Overview photo of an eastern exam room. Exam rooms primarily contained the same building materials throughout.	
Photo Name: Photos-20241002-010343.jpg	



Date/Time Taken:	10/1/2024 7:02:00 PM
Photographer:	Spiegelberg_Taylor
Latitude:	47.069756
Longitude:	-109.408403
Photo Direction:	SW
Category:	General Photos
Photo Description: Overview photo of restroom 13.	
Photo Name: Photos-20241002-010259.jpg	



Project Name:

Lewistown VA Clinic

Site Location:

Lewistown, Montana

Project No.

2360-2407-02

Date/Time Taken:	10/1/2024 7:04:00 PM		
Photographer:	Spiegelberg_Taylor		
Latitude:	47.069703		
Longitude:	-109.40856		
Photo Direction:	W		
Category:	General Photos		
Photo Description: Overview photo of the breakroom.			
Photo Name: Photos-20241002-010405.jpg			

Date/Time Taken:	10/1/2024 7:04:00 PM		
Photographer:	Spiegelberg_Taylor		
Latitude:	47.069638		
Longitude:	-109.408498		
Photo Direction:	NE		
Category:	General Photos		
Photo Description: Overview photo of Room 9, the utility room.			
Photo Name: Photos-20241002-010453.jpg			

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/2/2024 11:14:00 AM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.06973	
Longitude:	-109.408544	
Photo Direction:	SW	
Category:	LBP Sample	
Photo Description: White, positive lead-based paint was detected on the wooden window frame.		
Photo Name: Photos-20241002-171454.jpg		

Date/Time Taken:	10/2/2024 11:16:00 AM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069821	
Longitude:	-109.408528	
Photo Direction:	SSW	
Category:	LBP Sample	
Photo Description: Cream positive lead-based paint was detected on the wooden wall.		
Photo Name: Photos-20241002-171602.jpg		

Project Name:

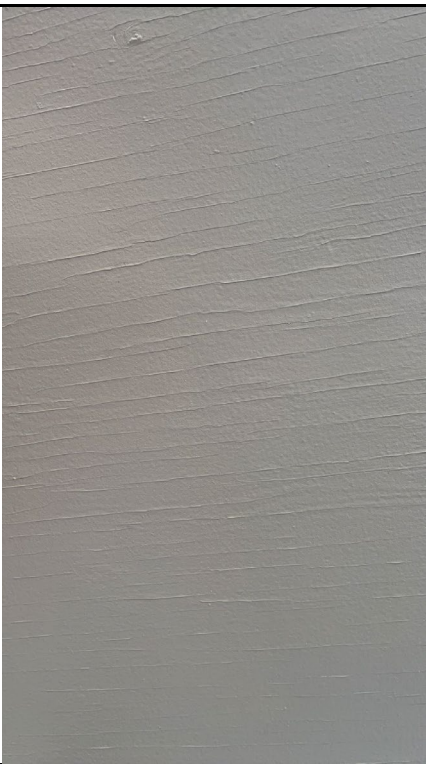
Lewistown VA Clinic

Site Location:

Lewistown, Montana

Project No.

2360-2407-02

Date/Time Taken:	10/2/2024 11:21:00 AM	
Photographer:	Gordon_Jimi	
Latitude:	47.06981	
Longitude:	-109.408507	
Photo Direction:	NNW	
Category:	LBP Sample	
Photo Description: White positive lead-based paint was detected on the wooden soffit.		
Photo Name: Photos-20241002-172112.jpg		

Date/Time Taken:	10/2/2024 11:22:00 AM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069824	
Longitude:	-109.408553	
Photo Direction:	SE	
Category:	LBP Sample	
Photo Description: Tan positive lead-based paint was detected on the vertical siding.		
Photo Name: Photos-20241002-172218.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.
2360-2407-02

Date/Time Taken:	10/2/2024 11:22:00 AM	
Photographer:	Gordon_Jimi	
Latitude:	47.069797	
Longitude:	-109.40853	
Photo Direction:	S	
Category:	LBP Sample	
Photo Description: Tan positive lead-based paint was detected on the wooden window, window frame, and the window sill.		
Photo Name: Photos-20241002-172221.jpg		

Date/Time Taken:	10/2/2024 11:39:00 AM	
Photographer:	Spiegelberg_Taylor	
Latitude:	47.069793	
Longitude:	-109.408314	
Photo Direction:	SW	
Category:	LBP Sample	
Photo Description: Tan positive LBP was detected on the window frame.		
Photo Name: Photos-20241002-173953.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.
2360-2407-02

Date/Time Taken:	10/3/2024 10:44:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069701	
Longitude:	-109.408594	
Photo Direction:	S	
Category:	LBP Sample	
Photo Description: LV-04-IA sample set up with duplicate. Set as far from basement vapor pin as possible, 3 or more feet from the wall and the windows.		
Photo Name: Photos-20241004-044425.jpg		

Date/Time Taken:	10/3/2024 10:47:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069829	
Longitude:	-109.408405	
Photo Direction:	WNW	
Category:	LBP Sample	
Photo Description: LV-03-IA set up in VA Clinic (Unit #1) laboratory, Room 14.		
Photo Name: Photos-20241004-044747.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/3/2024 10:50:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069603	
Longitude:	-109.408515	
Photo Direction:	ENE	
Category:	LBP Sample	
Photo Description: LV-05-IA set up in Health Clinic (Unit #2) reception area.		
Photo Name: Photos-20241004-045008.jpg		

Date/Time Taken:	10/3/2024 11:49:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069781	
Longitude:	-109.408421	
Photo Direction:	N	
Category:	LBP Sample	
Photo Description: Leak check passed for LV-02-SV ahead of start time.		
Photo Name: Photos-20241004-054957.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/4/2024 12:08:00 AM	
Photographer:	Gordon_Jimi	
Latitude:	47.069829	
Longitude:	-109.408476	
Photo Direction:	S	
Category:	LBP Sample	
Photo Description: LV-01-SV set up after passing leak check.		
Photo Name: Photos-20241004-060815.jpg		

Date/Time Taken:	10/2/2024 9:45:00 AM	
Photographer:	Gordon_Jimi	
Latitude:	47.069776	
Longitude:	-109.408367	
Photo Direction:	NNE	
Category:	Soil Vapor	
Photo Description: LV-SV-01 soil gas pin location in the northeast corner of the basement in storage room 2. Spot was chosen because it met requirements set by Sampling and Analysis Plan and did not involve drilling through the newly installed flooring.		
Photo Name: Photos-20241002-154527.jpg		

Project Name:
Lewistown VA Clinic

Site Location:
Lewistown, Montana

Project No.:
2360-2407-02

Date/Time Taken:	10/2/2024 7:32:00 PM	
Photographer:	Gordon_Jimi	
Latitude:	47.069822	
Longitude:	-109.408465	
Photo Direction:	SE	
Category:	Soil vapor	
Photo Description: LV-SV-02 exterior vapor pin location on north side of subject property.		
Photo Name: Photos-20241003-001112.jpg		

APPENDIX C: INSPECTOR CERTIFICATIONS



Leading with Science®

CERTIFICATE NO: 20240201-8



CERTIFICATE

OF TRAINING

This certifies that

TAYLOR SPIEGELBERG

Has successfully completed four (4) hours of instruction for

On-Line Inspector Refresher Training

In accordance with ARM 17.74.363 and TSCA TITLE II/40 CFR 763 (AHERA)

Course Date: February 1, 2024

Certificate Expires: February 1, 2025

Training Provided By: **Tetra Tech**
7100 Commercial Avenue, Suite 4
Billings, MT 59101
406-248-9161

COURSE APPROVED By:



PO Box 200901
Helena, MT 59620-0901


Paydn Borland - Instructor

Certificate of Training

This certifies that

Taylor Spiegelberg

Has successfully completed twenty-four hours of instruction for

Inspector Initial Training

in accordance with ARM 17.74.362 and TSCA TITLE II/40 CFR 763 (AHERA)

Course Date: February 28-March 2, 2022
Certificate Expires: March 2, 2023

COURSE APPROVED BY:



TRAINING PROVIDED BY:

Tetra Tech

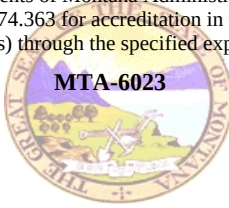
7100 Commercial Avenue, Suite 4
Billings, Montana 59101
406.248.9161

A handwritten signature in blue ink, appearing to read "Paydn", is written over a horizontal line.

Paydn Borland - Instructor

JAMES GORDON

has met the requirements of Montana Administrative Rule 17.74.362 and/or 17.74.363 for accreditation in the following asbestos occupation(s) through the specified expiration date(s).



MTA-6023

Asbestos Inspector

02/01/2025

MT DEQ Asbestos Control Program

JAMES GORDON
6043 HAUSER DAM RD
HELENA MT 59602

APPENDIX D: ACM ANALYTICAL PACKAGE

Report for:

Tetra Tech START/EPA
Tetra Tech: START/EPA
3101 Zinfandel Dr. Bldg B, Ste 200
Rancho Cordova, CA 95670

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 103X903523F0060240702; R08_LewistownVAClinic_STARTV/MT
EML ID: 3805189

Approved by:



Approved Signatory
Danny Li

Dates of Analysis:
Asbestos PLM: 10-11-2024

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200757-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Total Samples Submitted:** 105**Total Samples Analyzed:** 105**Total Samples with Layer Asbestos Content > 1%:** 4**Location: LV-B1-BM01-A**

Lab ID-Version‡: 18788924-1

Sample Layers	Asbestos Content
Brown Brick	ND
Gray Mortar	ND
Sample Composite Homogeneity:	Moderate

Location: LV-B1-BM01-B

Lab ID-Version‡: 18788925-1

Sample Layers	Asbestos Content
Brown Brick	ND
Gray Mortar	ND
Sample Composite Homogeneity:	Moderate

Location: LV-B1-BM01-C

Lab ID-Version‡: 18788926-1

Sample Layers	Asbestos Content
Brown Brick	ND
Gray Mortar	ND
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CON01-A

Lab ID-Version‡: 18788927-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-CON01-B**

Lab ID-Version‡: 18788928-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Tetra Tech: START/EPA
C/O: Tetra Tech START/EPA
Re: 103X903523F0060240702; R08_
LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024
Date of Receipt: 10-04-2024
Date of Report: 10-11-2024

ASBESTOS PLM REPORT

Location: LV-B1-CON01-C

Lab ID-Version‡: 18788929-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

Location: LV-B1-SHSD01-A

Lab ID-Version‡: 18788930-1

Sample Layers	Asbestos Content
Brown Fiberboard with Paint	ND
Composite Non-Asbestos Content:	90% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-SHSD01-B

Lab ID-Version‡: 18788931-1

Sample Layers	Asbestos Content
Brown Fiberboard with Paint	ND
Composite Non-Asbestos Content:	90% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-SHSD01-C

Lab ID-Version‡: 18788932-1

Sample Layers	Asbestos Content
Brown Fiberboard with Paint	ND
Composite Non-Asbestos Content:	90% Cellulose
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-CON02-A**

Lab ID-Version‡: 18788933-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: LV-B1-CON02-B

Lab ID-Version‡: 18788934-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: LV-B1-CON02-C

Lab ID-Version‡: 18788935-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: LV-B1-CON03-A

Lab ID-Version‡: 18788936-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-CON03-B**

Lab ID-Version‡: 18788937-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: LV-B1-CON03-C

Lab ID-Version‡: 18788938-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: LV-B1-CK01-A

Lab ID-Version‡: 18788939-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity: Good	

Location: LV-B1-CK01-B

Lab ID-Version‡: 18788940-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-CK01-C**

Lab ID-Version‡: 18788941-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: LV-B1-BM02-A

Lab ID-Version‡: 18788942-1

Sample Layers	Asbestos Content
Gray Brick	ND
Gray Mortar	ND
Sample Composite Homogeneity:	Moderate

Location: LV-B1-BM02-B

Lab ID-Version‡: 18788943-1

Sample Layers	Asbestos Content
Gray Brick	ND
Gray Mortar	ND
Sample Composite Homogeneity:	Moderate

Location: LV-B1-BM02-C

Lab ID-Version‡: 18788944-1

Sample Layers	Asbestos Content
Gray Brick	ND
Gray Mortar	ND
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-PL01-A**

Lab ID-Version‡: 18788945-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity:	Good

Location: LV-B1-PL01-B

Lab ID-Version‡: 18788946-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity:	Good

Location: LV-B1-PL01-C

Lab ID-Version‡: 18788947-1

Sample Layers	Asbestos Content
Gray Plaster	ND
Sample Composite Homogeneity:	Good

Location: LV-B1-GR01-A

Lab ID-Version‡: 18788948-1

Sample Layers	Asbestos Content
Beige Ceramic Tile	ND
White Grout	ND
White Mortar	ND
Sample Composite Homogeneity:	Poor

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Tetra Tech: START/EPA
 C/O: Tetra Tech START/EPA
 Re: 103X903523F0060240702; R08_
 LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024
 Date of Receipt: 10-04-2024
 Date of Report: 10-11-2024

ASBESTOS PLM REPORT

Location: LV-B1-GR01-B

Lab ID-Version‡: 18788949-1

Sample Layers	Asbestos Content
Beige Ceramic Tile	ND
White Grout	ND
White Mortar	ND
Sample Composite Homogeneity: Poor	

Location: LV-B1-GR01-C

Lab ID-Version‡: 18788950-1

Sample Layers	Asbestos Content
Beige Ceramic Tile	ND
White Grout	ND
Beige Mortar	ND
Sample Composite Homogeneity: Poor	

Location: LV-B1-CON04-A

Lab ID-Version‡: 18788951-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: LV-B1-CON04-B

Lab ID-Version‡: 18788952-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-CON04-C**

Lab ID-Version‡: 18788953-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity: Good	

Location: LV-B1-BM03-A

Lab ID-Version‡: 18788954-1

Sample Layers	Asbestos Content
Brown Brick	ND
Gray Mortar	ND
Sample Composite Homogeneity: Moderate	

Location: LV-B1-BM03-B

Lab ID-Version‡: 18788955-1

Sample Layers	Asbestos Content
Brown Brick	ND
Gray Mortar	ND
Sample Composite Homogeneity: Moderate	

Location: LV-B1-BM03-C

Lab ID-Version‡: 18788956-1

Sample Layers	Asbestos Content
Brown Brick	ND
Gray Mortar	ND
Sample Composite Homogeneity: Moderate	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Tetra Tech: START/EPA
 C/O: Tetra Tech START/EPA
 Re: 103X903523F0060240702; R08_
 LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024
 Date of Receipt: 10-04-2024
 Date of Report: 10-11-2024

ASBESTOS PLM REPORT

Location: LV-B1-RS01-A

Lab ID-Version‡: 18788957-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar	ND
Black Roofing Felt	ND
Composite Non-Asbestos Content:	20% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: LV-B1-RS01-B

Lab ID-Version‡: 18788958-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar	ND
Black Roofing Felt	ND
Composite Non-Asbestos Content:	20% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: LV-B1-RS01-C

Lab ID-Version‡: 18788959-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar	ND
Black Roofing Felt	ND
Composite Non-Asbestos Content:	20% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: LV-B1-CBM01-A

Lab ID-Version‡: 18788960-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-CBM01-B**

Lab ID-Version‡: 18788961-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CBM01-C

Lab ID-Version‡: 18788962-1

Sample Layers	Asbestos Content
Gray Baseboard	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: LV-B1-DW02-A

Lab ID-Version‡: 18788963-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

Location: LV-B1-DW02-B

Lab ID-Version‡: 18788964-1

Sample Layers	Asbestos Content
Off-White Joint Compound with Paint	2% Chrysotile
Cream Tape	ND
Off-White Joint Compound	2% Chrysotile
White Drywall with Brown Paper	ND
Composite Asbestos Fibrous Content:	< 1% Asbestos
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

Comments: Composite asbestos content provided is only for Drywall/Joint compound. Composite content provided for this analysis has been performed by following the NESHAP guidelines.

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-DW02-C**

Lab ID-Version‡: 18788965-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

Location: LV-B1-FT01-A

Lab ID-Version‡: 18788966-1

Sample Layers	Asbestos Content
Brown Tile	ND
Gray Mortar	ND
Sample Composite Homogeneity:	Moderate

Location: LV-B1-FT01-B

Lab ID-Version‡: 18788967-1

Sample Layers	Asbestos Content
Brown Tile	ND
Gray Mortar	ND
Sample Composite Homogeneity:	Moderate

Location: LV-B1-FT01-C

Lab ID-Version‡: 18788968-1

Sample Layers	Asbestos Content
Brown Tile	ND
Gray Mortar	ND
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-FT02-A**

Lab ID-Version‡: 18788969-1

Sample Layers	Asbestos Content
Off-White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: LV-B1-FT02-B

Lab ID-Version‡: 18788970-1

Sample Layers	Asbestos Content
Off-White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: LV-B1-FT02-C

Lab ID-Version‡: 18788971-1

Sample Layers	Asbestos Content
Off-White Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CTX01-A

Lab ID-Version‡: 18788972-1

Sample Layers	Asbestos Content
White Ceiling Texture with Paint	ND
Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose 3% Vermiculite
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Tetra Tech: START/EPA
C/O: Tetra Tech START/EPA
Re: 103X903523F0060240702; R08_
LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024
Date of Receipt: 10-04-2024
Date of Report: 10-11-2024

ASBESTOS PLM REPORT

Location: LV-B1-CTX01-B

Lab ID-Version‡: 18788973-1

Sample Layers	Asbestos Content
White Ceiling Texture with Paint	ND
Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose 3% Vermiculite
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CTX01-C

Lab ID-Version‡: 18788974-1

Sample Layers	Asbestos Content
White Ceiling Texture with Paint	ND
Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose 3% Vermiculite
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CT02-A

Lab ID-Version‡: 18788975-1

Sample Layers	Asbestos Content
Brown Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	95% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CT02-B

Lab ID-Version‡: 18788976-1

Sample Layers	Asbestos Content
Brown Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	95% Cellulose
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Tetra Tech: START/EPA
 C/O: Tetra Tech START/EPA
 Re: 103X903523F0060240702; R08_
 LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024
 Date of Receipt: 10-04-2024
 Date of Report: 10-11-2024

ASBESTOS PLM REPORT

Location: LV-B1-CT02-C

Lab ID-Version‡: 18788977-1

Sample Layers	Asbestos Content
Brown Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	95% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CT03-A

Lab ID-Version‡: 18788978-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Brown Ceiling Tile	ND
Composite Non-Asbestos Content:	85% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CT03-B

Lab ID-Version‡: 18788979-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Brown Ceiling Tile	ND
Composite Non-Asbestos Content:	85% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CT03-C

Lab ID-Version‡: 18788980-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Brown Ceiling Tile	ND
Composite Non-Asbestos Content:	85% Cellulose
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-CPM01-A**

Lab ID-Version‡: 18788981-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Carpet Mastic	ND
Composite Non-Asbestos Content:	80% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CPM01-B

Lab ID-Version‡: 18788982-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Carpet Mastic	ND
Composite Non-Asbestos Content:	80% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CPM01-C

Lab ID-Version‡: 18788983-1

Sample Layers	Asbestos Content
Multicolored Carpet	ND
Yellow Carpet Mastic	ND
Composite Non-Asbestos Content:	80% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: LV-B1-SU01-A

Lab ID-Version‡: 18788984-1

Sample Layers	Asbestos Content
Black Sink Undercoating	2% Chrysotile
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-SU01-B**

Lab ID-Version‡: 18788985-1

Sample Layers	Asbestos Content
Black Sink Undercoating	2% Chrysotile
Sample Composite Homogeneity:	Good

Location: LV-B1-SU01-C

Lab ID-Version‡: 18788986-1

Sample Layers	Asbestos Content
Black Sink Undercoating	2% Chrysotile
Sample Composite Homogeneity:	Good

Location: LV-B1-SU02-A

Lab ID-Version‡: 18788987-1

Sample Layers	Asbestos Content
Gray Sink Undercoating	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Good

Location: LV-B1-SU02-B

Lab ID-Version‡: 18788988-1

Sample Layers	Asbestos Content
Gray Sink Undercoating	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-SU02-C**

Lab ID-Version‡: 18788989-1

Sample Layers	Asbestos Content
Gray Sink Undercoating	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Good

Location: LV-B1-MA01-A

Lab ID-Version‡: 18788990-1

Sample Layers	Asbestos Content
Brown Mastic	ND
Composite Non-Asbestos Content:	5% Talc
Sample Composite Homogeneity:	Moderate

Location: LV-B1-MA01-B

Lab ID-Version‡: 18788991-1

Sample Layers	Asbestos Content
Brown Mastic	ND
Composite Non-Asbestos Content:	5% Talc
Sample Composite Homogeneity:	Moderate

Location: LV-B1-MA01-C

Lab ID-Version‡: 18788992-1

Sample Layers	Asbestos Content
Brown Mastic	ND
Composite Non-Asbestos Content:	5% Talc
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-BM04-A**

Lab ID-Version‡: 18788993-1

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: LV-B1-BM04-B

Lab ID-Version‡: 18788994-1

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: LV-B1-BM04-C

Lab ID-Version‡: 18788995-1

Sample Layers	Asbestos Content
Gray Cementitious Material	ND
Sample Composite Homogeneity:	Good

Location: LV-B1-PE01-A

Lab ID-Version‡: 18788996-1

Sample Layers	Asbestos Content
Cream Woven Material	ND
Gray Fibrous Material	ND
Composite Non-Asbestos Content:	25% Glass Fibers 20% Cellulose
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Tetra Tech: START/EPA
C/O: Tetra Tech START/EPA
Re: 103X903523F0060240702; R08_
LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024
Date of Receipt: 10-04-2024
Date of Report: 10-11-2024

ASBESTOS PLM REPORT

Location: LV-B1-PE01-B

Lab ID-Version‡: 18788997-1

Sample Layers	Asbestos Content
Cream Woven Material	ND
Gray Fibrous Material	ND
Composite Non-Asbestos Content:	25% Glass Fibers 20% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-PE01-C

Lab ID-Version‡: 18788998-1

Sample Layers	Asbestos Content
Cream Woven Material	ND
Gray Fibrous Material	ND
Composite Non-Asbestos Content:	25% Glass Fibers 20% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-INS01-A

Lab ID-Version‡: 18788999-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Gray Fibrous Material	ND
Composite Non-Asbestos Content:	80% Glass Fibers 5% Cellulose
Sample Composite Homogeneity:	Good

Location: LV-B1-INS01-B

Lab ID-Version‡: 18789000-1

Sample Layers	Asbestos Content
Brown Insulation	ND
Composite Non-Asbestos Content:	95% Glass Fibers
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-INS01-C**

Lab ID-Version‡: 18789001-1

Sample Layers	Asbestos Content
Brown Insulation	ND
Composite Non-Asbestos Content:	95% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LV-B1-INS03-A

Lab ID-Version‡: 18789002-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Composite Non-Asbestos Content:	95% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LV-B1-INS03-B

Lab ID-Version‡: 18789003-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Composite Non-Asbestos Content:	95% Glass Fibers
Sample Composite Homogeneity:	Good

Location: LV-B1-INS03-C

Lab ID-Version‡: 18789004-1

Sample Layers	Asbestos Content
Yellow Insulation	ND
Composite Non-Asbestos Content:	95% Glass Fibers
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-SF01-A**

Lab ID-Version‡: 18789005-1

Sample Layers	Asbestos Content
Gray Sheet Flooring	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-SF01-B

Lab ID-Version‡: 18789006-1

Sample Layers	Asbestos Content
Gray Sheet Flooring	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-SF01-C

Lab ID-Version‡: 18789007-1

Sample Layers	Asbestos Content
Gray Sheet Flooring	ND
Yellow Mastic	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CPM02-A

Lab ID-Version‡: 18789008-1

Sample Layers	Asbestos Content
Blue Carpet	ND
Gray Glue	ND
Gray Carpet Pad	ND
Composite Non-Asbestos Content:	65% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-CPM02-B**

Lab ID-Version‡: 18789009-1

Sample Layers	Asbestos Content
Blue Carpet	ND
Gray Glue	ND
Gray Carpet Pad	ND
Composite Non-Asbestos Content:	65% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CPM02-C

Lab ID-Version‡: 18789010-1

Sample Layers	Asbestos Content
Blue Carpet	ND
Gray Glue	ND
Gray Carpet Pad	ND
Composite Non-Asbestos Content:	65% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CON05-A

Lab ID-Version‡: 18789011-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

Location: LV-B1-CON05-B

Lab ID-Version‡: 18789012-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Tetra Tech: START/EPA
C/O: Tetra Tech START/EPA
Re: 103X903523F0060240702; R08_
LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024
Date of Receipt: 10-04-2024
Date of Report: 10-11-2024

ASBESTOS PLM REPORT

Location: LV-B1-CON05-C

Lab ID-Version‡: 18789013-1

Sample Layers	Asbestos Content
Gray Concrete	ND
Sample Composite Homogeneity:	Good

Location: LV-B1-DW01-A

Lab ID-Version‡: 18789014-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-DW01-B

Lab ID-Version‡: 18789015-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-DW01-C

Lab ID-Version‡: 18789016-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

ASBESTOS PLM REPORT**Location: LV-B1-CT01-A**

Lab ID-Version‡: 18789017-1

Sample Layers	Asbestos Content
White Ceiling Tile	ND
Composite Non-Asbestos Content:	40% Cellulose 25% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CT01-B

Lab ID-Version‡: 18789018-1

Sample Layers	Asbestos Content
White Ceiling Tile	ND
Composite Non-Asbestos Content:	40% Cellulose 25% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: LV-B1-CT01-C

Lab ID-Version‡: 18789019-1

Sample Layers	Asbestos Content
White Ceiling Tile	ND
Composite Non-Asbestos Content:	40% Cellulose 25% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: LV-B1-PI01-A

Lab ID-Version‡: 18789020-1

Sample Layers	Asbestos Content
Silver Foil	ND
Brown/White Paper	ND
Yellow Insulation	ND
Composite Non-Asbestos Content:	75% Glass Fibers 15% Cellulose
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Tetra Tech: START/EPA
C/O: Tetra Tech START/EPA
Re: 103X903523F0060240702; R08_
LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024
Date of Receipt: 10-04-2024
Date of Report: 10-11-2024

ASBESTOS PLM REPORT

Location: LV-B1-PI01-B

Lab ID-Version‡: 18789021-1

Sample Layers	Asbestos Content
Silver Foil	ND
Brown/White Paper	ND
Yellow Insulation	ND
Composite Non-Asbestos Content:	75% Glass Fibers 15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-PI01-C

Lab ID-Version‡: 18789022-1

Sample Layers	Asbestos Content
Silver Foil	ND
Brown/White Paper	ND
Yellow Insulation	ND
Composite Non-Asbestos Content:	75% Glass Fibers 15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: LV-B1-WG01-A

Lab ID-Version‡: 18789023-1

Sample Layers	Asbestos Content
Gray Window Glazing	< 1% Chrysotile
Sample Composite Homogeneity:	Moderate

Location: LV-B1-WG01-B

Lab ID-Version‡: 18789024-1

Sample Layers	Asbestos Content
Gray Window Glazing	< 1% Chrysotile
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Tetra Tech: START/EPA
 C/O: Tetra Tech START/EPA
 Re: 103X903523F0060240702; R08_
 LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024
 Date of Receipt: 10-04-2024
 Date of Report: 10-11-2024

ASBESTOS PLM REPORT

Location: LV-B1-WG01-C

Lab ID-Version‡: 18789025-1

Sample Layers	Asbestos Content
Gray Window Glazing	< 1% Chrysotile
Sample Composite Homogeneity:	Moderate

Location: LV-B1-INS02-A

Lab ID-Version‡: 18789026-1

Sample Layers	Asbestos Content
Brown Insulation	ND
Composite Non-Asbestos Content:	95% Cellulose
Sample Composite Homogeneity:	Good

Location: LV-B1-INS02-B

Lab ID-Version‡: 18789027-1

Sample Layers	Asbestos Content
Brown Insulation	ND
Composite Non-Asbestos Content:	95% Cellulose
Sample Composite Homogeneity:	Good

Location: LV-B1-INS02-C

Lab ID-Version‡: 18789028-1

Sample Layers	Asbestos Content
Brown Insulation	ND
Composite Non-Asbestos Content:	95% Cellulose
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(833) 465-5857 www.eurofinsus.com/Built

Client: Tetra Tech: START/EPA

C/O: Tetra Tech START/EPA

Re: 103X903523F0060240702; R08_

LewistownVAClinic_STARTV/MT

Date of Sampling: 10-01-2024

Date of Receipt: 10-04-2024

Date of Report: 10-11-2024

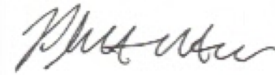
ASBESTOS PLM REPORT

PROJECT ANALYSTS AND SIGNATORY REPORT

Project Analysts



Analyst: Danny Li



Analyst: Philip Newton

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

APPENDIX E: SOIL GAS AND INDOOR AIR ANALYTICAL PACKAGE

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Tetra Tech

R8 START: Lewistown VA Clinic, Lewistown, Montana

103X903523F0060240702

SGS Job Number: JD97727

Sampling Date: 10/04/24



Report to:

Tetra Tech
1560 Broadway Street Suite 1400
Denver, CO 80202
R8START.LabReports@tetratechinc.onmicrosoft.com; maura.mcaleese@tetratech.com;
carin.ferris@sgs.com; steve.esrey@tetratech.com
ATTN: Steve Esrey

Total number of pages in report: 141



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

David Chastain
General Manager

Client Service contact: Carin Ferris 732-329-0200

Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.



November 5, 2024

**Mr. Steve Esrey
Tetra Tech
1560 Broadway Street Suite 1400
Denver, CO 80202**

RE: SGS – Dayton, Jobs # JD97727 - reissues

Dear Mr. Esrey,

The final report for SGS jobs number JD97727 has been edited to reflect corrections to the results. These edits have been incorporated into the revised report which is attached.

Specifically, sample ID of JD97727-5 and JD97727-6 have been revised per client requests. The attached revised report incorporates these revisions.

SGS apologizes for this occurrence and for any inconvenience this situation may have caused. Please contact me if I can be of further assistance in this matter.

Sincerely,

Report Department

SGS North America Inc.

SGS North America Inc. | Mid-Atlantic 2235 US Highway 130 Dayton, NJ 08810, USA t +1 (0)732 329 0200 www.sgs.com

Member of the SGS Group (SGS SA)

Table of Contents

-1-

Section 1: Sample Summary 4

Section 2: Case Narrative/Conformance Summary 5

Section 3: Summary of Hits 7

Section 4: Sample Results 16

4.1: JD97727-1: LV-03-IA-G-42-20241003 17

4.2: JD97727-2: LV-05-IA-G-48-20241003 21

4.3: JD97727-3: LV-04-IA-G-48-20241003 25

4.4: JD97727-4: LV-04-IA-G-48-20241003-DU 29

4.5: JD97727-5: LV-02-SV-G-00-06-20241004 33

4.6: JD97727-6: LV-01-SV-G-00-12-20241004 36

Section 5: Misc. Forms 39

5.1: Chain of Custody 40

5.2: Summa Canister and Flow Controller Log 43

Section 6: MS Volatiles - QC Data Summaries 44

6.1: Method Blank Summary 45

6.2: Blank Spike/Blank Spike Duplicate Summary 66

6.3: Duplicate Summary 87

6.4: Summa Cleaning Certification 93

6.5: Instrument Performance Checks (BFB) 115

6.6: Surrogate Recovery Summaries 138



Sample Summary

Tetra Tech

Job No: JD97727

R8 START: Lewistown VA Clinic, Lewistown, Montana
Project No: 103X903523F0060240702

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

JD97727-1	10/04/24	06:00 JG	10/07/24	AIR Indoor Air Comp.	LV-03-IA-G-42-20241003
JD97727-2	10/04/24	06:10 JG	10/07/24	AIR Indoor Air Comp.	LV-05-IA-G-48-20241003
JD97727-3	10/04/24	05:50 JG	10/07/24	AIR Indoor Air Comp.	LV-04-IA-G-48-20241003
JD97727-4	10/04/24	05:50 JG	10/07/24	AIR Indoor Air Comp.	LV-04-IA-G-48-20241003-DU
JD97727-5	10/04/24	00:30 JG	10/07/24	AIR Soil Vapor Comp.	LV-02-SV-G-00-06-20241004
JD97727-6	10/04/24	00:45 JG	10/07/24	AIR Soil Vapor Comp.	LV-01-SV-G-00-12-20241004

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Tetra Tech

Job No: JD97727

Site: R8 START: Lewistown VA Clinic, Lewistown, Montana

Report Date 10/18/2024 8:27:58 A

On 10/07/2024, 6 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JD97727 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method MADEP APH

Matrix: AIR

Batch ID: V2W3081

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD97727-6DUP were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

MS Volatiles By Method TO-15

Matrix: AIR

Batch ID: V3W3520

- All samples were analyzed within the recommended method holding time.
- Sample(s) JD97193-2DUP were used as the QC samples indicated.
- Sample(s) JD97727-3, JD97727-4 have compound(s) reported with a "B" qualifier, indicating analyte is found in the associated method blank.
- The duplicate RPD(s) for Trichloroethylene, Naphthalene are outside control limits for sample JD97193-2DUP. RPD acceptable due to low DUP and sample concentrations.

Matrix: AIR

Batch ID: V7W361

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD97787-2DUP were used as the QC samples indicated.
- Sample(s) JD97727-1, JD97727-2 have compounds reported with "E" qualifiers indicating estimated value exceeding calibration range.
- The blank spike (BS) recovery(s) of Benzyl Chloride are outside control limits.
- JD97727-6 for Benzyl Chloride: Associated ICV/CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
- V7W361-BS for Benzyl Chloride: High percent recovery and no associated positive reported in the QC batch.
- JD97727-5 for Benzyl Chloride: Associated ICV/CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

MS Volatiles By Method TO-15 (BY SIM)

Matrix: AIR

Batch ID: V6W1398

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JD97795-3DUP were used as the QC samples indicated.

Friday, October 18, 2024

Page 1 of 2

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: JD97727
Account: Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana
Collected: 10/04/24



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

JD97727-1 LV-03-IA-G-42-20241003

Benzene	0.13 J	0.40	0.070	ppbv	MADEP APH
Ethylbenzene	0.21 J	0.40	0.060	ppbv	MADEP APH
Toluene	1.9	0.40	0.059	ppbv	MADEP APH
m,p-Xylene	1.3	0.40	0.19	ppbv	MADEP APH
o-Xylene	0.24 J	0.40	0.064	ppbv	MADEP APH
C5- C8 Aliphatics (Unadj.)	260	2.4	0.40	ppbv	MADEP APH
C9- C12 Aliphatics (Unadj.)	13.0	2.4	0.56	ppbv	MADEP APH
C5- C8 Aliphatics (APH)	257	2.4	0.078	ppbv	MADEP APH
C9- C12 Aliphatics (APH)	13.0	2.4	0.088	ppbv	MADEP APH
Benzene	0.42 J	1.3	0.22	ug/m3	MADEP APH
Ethylbenzene	0.91 J	1.7	0.26	ug/m3	MADEP APH
Toluene	7.2	1.5	0.22	ug/m3	MADEP APH
m,p-Xylene	5.6	1.7	0.83	ug/m3	MADEP APH
o-Xylene	1.0 J	1.7	0.28	ug/m3	MADEP APH
C5- C8 Aliphatics (Unadj.)	987	9.1	1.5	ug/m3	MADEP APH
C9- C12 Aliphatics (Unadj.)	76.7	14	3.3	ug/m3	MADEP APH
C5- C8 Aliphatics (APH)	975	9.1	0.30	ug/m3	MADEP APH
C9- C12 Aliphatics (APH)	76.7	14	0.52	ug/m3	MADEP APH
Acetone (2-Propanone)	64.2	0.80	0.58	ppbv	TO-15
Benzene	0.18 J	0.20	0.047	ppbv	TO-15
Carbon disulfide	0.10 J	0.20	0.045	ppbv	TO-15
Chloroform	0.11 J	0.20	0.037	ppbv	TO-15
Chloromethane	0.67	0.20	0.090	ppbv	TO-15
Dichlorodifluoromethane	0.50	0.20	0.10	ppbv	TO-15
Ethylbenzene	0.29	0.20	0.061	ppbv	TO-15
Ethyl Acetate	7.1	0.20	0.10	ppbv	TO-15
Heptane	0.99	0.20	0.091	ppbv	TO-15
Hexane	0.44	0.20	0.052	ppbv	TO-15
Isopropyl Alcohol	383 E	0.80	0.56	ppbv	TO-15
Methylene chloride	0.76	0.20	0.13	ppbv	TO-15
Methyl ethyl ketone	3.2	0.20	0.11	ppbv	TO-15
Methyl Isobutyl Ketone	0.51	0.20	0.073	ppbv	TO-15
Styrene	0.25	0.20	0.053	ppbv	TO-15
1,2,4-Trimethylbenzene	0.17 J	0.20	0.087	ppbv	TO-15
Tetrachloroethylene	0.14	0.040	0.014	ppbv	TO-15
Tetrahydrofuran	1.0	0.20	0.090	ppbv	TO-15
Toluene	2.1	0.20	0.057	ppbv	TO-15
Trichlorofluoromethane	0.25	0.20	0.15	ppbv	TO-15
Vinyl Acetate	0.83	0.20	0.11	ppbv	TO-15
Xylenes (total)	1.2	0.20	0.077	ppbv	TO-15
Acetone (2-Propanone)	153	1.9	1.4	ug/m3	TO-15
Benzene	0.58 J	0.64	0.15	ug/m3	TO-15
Carbon disulfide	0.31 J	0.62	0.14	ug/m3	TO-15

Summary of Hits

Job Number: JD97727
Account: Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana
Collected: 10/04/24

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Chloroform		0.54 J	0.98	0.18	ug/m3	TO-15
Chloromethane		1.4	0.41	0.19	ug/m3	TO-15
Dichlorodifluoromethane		2.5	0.99	0.49	ug/m3	TO-15
Ethylbenzene		1.3	0.87	0.26	ug/m3	TO-15
Ethyl Acetate		26	0.72	0.36	ug/m3	TO-15
Heptane		4.1	0.82	0.37	ug/m3	TO-15
Hexane		1.6	0.70	0.18	ug/m3	TO-15
Isopropyl Alcohol		941 E	2.0	1.4	ug/m3	TO-15
Methylene chloride		2.6	0.69	0.45	ug/m3	TO-15
Methyl ethyl ketone		9.4	0.59	0.32	ug/m3	TO-15
Methyl Isobutyl Ketone		2.1	0.82	0.30	ug/m3	TO-15
Styrene		1.1	0.85	0.23	ug/m3	TO-15
1,2,4-Trimethylbenzene		0.84 J	0.98	0.43	ug/m3	TO-15
Tetrachloroethylene		0.95	0.27	0.095	ug/m3	TO-15
Tetrahydrofuran		2.9	0.59	0.27	ug/m3	TO-15
Toluene		7.9	0.75	0.21	ug/m3	TO-15
Trichlorofluoromethane		1.4	1.1	0.84	ug/m3	TO-15
Vinyl Acetate		2.9	0.70	0.39	ug/m3	TO-15
Xylenes (total)		5.2	0.87	0.33	ug/m3	TO-15
Benzene		0.14	0.010	0.0037	ppbv	TO-15 (BY SIM)
Bromodichloromethane		0.0098	0.0050	0.0010	ppbv	TO-15 (BY SIM)
Chloroform		0.10	0.0050	0.00060	ppbv	TO-15 (BY SIM)
Carbon tetrachloride		0.088	0.0050	0.0016	ppbv	TO-15 (BY SIM)
1,2-Dichloroethane		0.088	0.0050	0.0014	ppbv	TO-15 (BY SIM)
p-Dichlorobenzene		0.0050	0.0020	0.00060	ppbv	TO-15 (BY SIM)
1,1,1-Trichloroethane		0.025	0.0020	0.00090	ppbv	TO-15 (BY SIM)
1,1,2-Trichloroethane		0.0079	0.0050	0.0014	ppbv	TO-15 (BY SIM)
Tetrachloroethylene		0.11	0.0050	0.0012	ppbv	TO-15 (BY SIM)
Trichloroethylene		0.0063	0.0050	0.00095	ppbv	TO-15 (BY SIM)
Benzene		0.45	0.032	0.012	ug/m3	TO-15 (BY SIM)
Bromodichloromethane		0.066	0.033	0.0067	ug/m3	TO-15 (BY SIM)
Chloroform		0.49	0.024	0.0029	ug/m3	TO-15 (BY SIM)
Carbon tetrachloride		0.55	0.031	0.010	ug/m3	TO-15 (BY SIM)
1,2-Dichloroethane		0.36	0.020	0.0057	ug/m3	TO-15 (BY SIM)
p-Dichlorobenzene		0.030	0.012	0.0036	ug/m3	TO-15 (BY SIM)
1,1,1-Trichloroethane		0.14	0.011	0.0049	ug/m3	TO-15 (BY SIM)
1,1,2-Trichloroethane		0.043	0.027	0.0076	ug/m3	TO-15 (BY SIM)
Tetrachloroethylene		0.75	0.034	0.0081	ug/m3	TO-15 (BY SIM)
Trichloroethylene		0.034	0.027	0.0051	ug/m3	TO-15 (BY SIM)

JD97727-2 LV-05-IA-G-48-20241003

Benzene	0.11 J	0.40	0.070	ppbv	MADEP APH
Ethylbenzene	0.18 J	0.40	0.060	ppbv	MADEP APH
Toluene	2.3	0.40	0.059	ppbv	MADEP APH

Summary of Hits

Job Number: JD97727

Account: Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Collected: 10/04/24

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
m,p-Xylene		1.3	0.40	0.19	ppbv	MADEP APH
o-Xylene		0.41	0.40	0.064	ppbv	MADEP APH
C5- C8 Aliphatics (Unadj.)		265	2.4	0.40	ppbv	MADEP APH
C9- C12 Aliphatics (Unadj.)		15.6	2.4	0.56	ppbv	MADEP APH
C5- C8 Aliphatics (APH)		261	2.4	0.078	ppbv	MADEP APH
C9- C12 Aliphatics (APH)		15.6	2.4	0.088	ppbv	MADEP APH
Benzene		0.35 J	1.3	0.22	ug/m3	MADEP APH
Ethylbenzene		0.78 J	1.7	0.26	ug/m3	MADEP APH
Toluene		8.7	1.5	0.22	ug/m3	MADEP APH
m,p-Xylene		5.6	1.7	0.83	ug/m3	MADEP APH
o-Xylene		1.8	1.7	0.28	ug/m3	MADEP APH
C5- C8 Aliphatics (Unadj.)		1010	9.1	1.5	ug/m3	MADEP APH
C9- C12 Aliphatics (Unadj.)		92.0	14	3.3	ug/m3	MADEP APH
C5- C8 Aliphatics (APH)		991	9.1	0.30	ug/m3	MADEP APH
C9- C12 Aliphatics (APH)		92.0	14	0.52	ug/m3	MADEP APH
Acetone (2-Propanone)		56.3	1.3	0.92	ppbv	TO-15
Benzene		0.18 J	0.20	0.047	ppbv	TO-15
Carbon disulfide		0.14 J	0.20	0.045	ppbv	TO-15
Chloroform		0.30	0.20	0.037	ppbv	TO-15
Chloromethane		0.69	0.20	0.090	ppbv	TO-15
Dichlorodifluoromethane		0.70	0.20	0.10	ppbv	TO-15
Ethylbenzene		0.24	0.20	0.061	ppbv	TO-15
Ethyl Acetate		9.3	0.20	0.10	ppbv	TO-15
Heptane		1.4	0.20	0.091	ppbv	TO-15
Hexane		0.55	0.20	0.052	ppbv	TO-15
Isopropyl Alcohol		361 E	1.3	0.89	ppbv	TO-15
Methylene chloride		0.97	0.20	0.13	ppbv	TO-15
Methyl ethyl ketone		5.2	0.20	0.11	ppbv	TO-15
Methyl Isobutyl Ketone		0.46	0.20	0.073	ppbv	TO-15
Styrene		0.43	0.20	0.053	ppbv	TO-15
1,2,4-Trimethylbenzene		0.30	0.20	0.087	ppbv	TO-15
1,3,5-Trimethylbenzene		0.10 J	0.20	0.080	ppbv	TO-15
Tetrachloroethylene		0.093	0.040	0.014	ppbv	TO-15
Tetrahydrofuran		0.77	0.20	0.090	ppbv	TO-15
Toluene		2.8	0.20	0.057	ppbv	TO-15
Trichlorofluoromethane		0.30	0.20	0.15	ppbv	TO-15
Vinyl Acetate		0.55	0.20	0.11	ppbv	TO-15
Xylenes (total)		1.4	0.20	0.077	ppbv	TO-15
Acetone (2-Propanone)		134	3.1	2.2	ug/m3	TO-15
Benzene		0.58 J	0.64	0.15	ug/m3	TO-15
Carbon disulfide		0.44 J	0.62	0.14	ug/m3	TO-15
Chloroform		1.5	0.98	0.18	ug/m3	TO-15
Chloromethane		1.4	0.41	0.19	ug/m3	TO-15
Dichlorodifluoromethane		3.5	0.99	0.49	ug/m3	TO-15
Ethylbenzene		1.0	0.87	0.26	ug/m3	TO-15

Summary of Hits

Job Number: JD97727

Account: Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Collected: 10/04/24



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethyl Acetate		33	0.72	0.36	ug/m3	TO-15
Heptane		5.7	0.82	0.37	ug/m3	TO-15
Hexane		1.9	0.70	0.18	ug/m3	TO-15
Isopropyl Alcohol		887 E	3.2	2.2	ug/m3	TO-15
Methylene chloride		3.4	0.69	0.45	ug/m3	TO-15
Methyl ethyl ketone		15	0.59	0.32	ug/m3	TO-15
Methyl Isobutyl Ketone		1.9	0.82	0.30	ug/m3	TO-15
Styrene		1.8	0.85	0.23	ug/m3	TO-15
1,2,4-Trimethylbenzene		1.5	0.98	0.43	ug/m3	TO-15
1,3,5-Trimethylbenzene		0.49 J	0.98	0.39	ug/m3	TO-15
Tetrachloroethylene		0.63	0.27	0.095	ug/m3	TO-15
Tetrahydrofuran		2.3	0.59	0.27	ug/m3	TO-15
Toluene		11	0.75	0.21	ug/m3	TO-15
Trichlorofluoromethane		1.7	1.1	0.84	ug/m3	TO-15
Vinyl Acetate		1.9	0.70	0.39	ug/m3	TO-15
Xylenes (total)		5.9	0.87	0.33	ug/m3	TO-15
Benzene		0.13	0.010	0.0037	ppbv	TO-15 (BY SIM)
Bromodichloromethane		0.012	0.0050	0.0010	ppbv	TO-15 (BY SIM)
Chloroform		0.26	0.0050	0.00060	ppbv	TO-15 (BY SIM)
Carbon tetrachloride		0.10	0.0050	0.0016	ppbv	TO-15 (BY SIM)
1,2-Dichloroethane		0.042	0.0050	0.0014	ppbv	TO-15 (BY SIM)
p-Dichlorobenzene		0.0077	0.0020	0.00060	ppbv	TO-15 (BY SIM)
1,1,1-Trichloroethane		0.022	0.0020	0.00090	ppbv	TO-15 (BY SIM)
1,1,2-Trichloroethane		0.0095	0.0050	0.0014	ppbv	TO-15 (BY SIM)
Tetrachloroethylene		0.089	0.0050	0.0012	ppbv	TO-15 (BY SIM)
Trichloroethylene		0.0043 J	0.0050	0.00095	ppbv	TO-15 (BY SIM)
Vinyl chloride		0.0030	0.0020	0.00056	ppbv	TO-15 (BY SIM)
Benzene		0.42	0.032	0.012	ug/m3	TO-15 (BY SIM)
Bromodichloromethane		0.080	0.033	0.0067	ug/m3	TO-15 (BY SIM)
Chloroform		1.3	0.024	0.0029	ug/m3	TO-15 (BY SIM)
Carbon tetrachloride		0.63	0.031	0.010	ug/m3	TO-15 (BY SIM)
1,2-Dichloroethane		0.17	0.020	0.0057	ug/m3	TO-15 (BY SIM)
p-Dichlorobenzene		0.046	0.012	0.0036	ug/m3	TO-15 (BY SIM)
1,1,1-Trichloroethane		0.12	0.011	0.0049	ug/m3	TO-15 (BY SIM)
1,1,2-Trichloroethane		0.052	0.027	0.0076	ug/m3	TO-15 (BY SIM)
Tetrachloroethylene		0.60	0.034	0.0081	ug/m3	TO-15 (BY SIM)
Trichloroethylene		0.023 J	0.027	0.0051	ug/m3	TO-15 (BY SIM)
Vinyl chloride		0.0077	0.0051	0.0014	ug/m3	TO-15 (BY SIM)

JD97727-3

LV-04-IA-G-48-20241003

Benzene	0.10 J	0.40	0.070	ppbv	MADEP APH
Ethylbenzene	0.063 J	0.40	0.060	ppbv	MADEP APH
Toluene	1.3	0.40	0.059	ppbv	MADEP APH
m,p-Xylene	0.24 J	0.40	0.19	ppbv	MADEP APH

Summary of Hits

Job Number: JD97727

Account: Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Collected: 10/04/24



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C5- C8 Aliphatics (Unadj.)		70.4	2.4	0.40	ppbv	MADEP APH
C9- C12 Aliphatics (Unadj.)		19.2	2.4	0.56	ppbv	MADEP APH
C5- C8 Aliphatics (APH)		68.6	2.4	0.078	ppbv	MADEP APH
C9- C12 Aliphatics (APH)		19.2	2.4	0.088	ppbv	MADEP APH
Benzene		0.32 J	1.3	0.22	ug/m3	MADEP APH
Ethylbenzene		0.27 J	1.7	0.26	ug/m3	MADEP APH
Toluene		4.9	1.5	0.22	ug/m3	MADEP APH
m,p-Xylene		1.0 J	1.7	0.83	ug/m3	MADEP APH
C5- C8 Aliphatics (Unadj.)		267	9.1	1.5	ug/m3	MADEP APH
C9- C12 Aliphatics (Unadj.)		113	14	3.3	ug/m3	MADEP APH
C5- C8 Aliphatics (APH)		260	9.1	0.30	ug/m3	MADEP APH
C9- C12 Aliphatics (APH)		113	14	0.52	ug/m3	MADEP APH
Acetone (2-Propanone)		94.7	0.80	0.58	ppbv	TO-15
Benzene		0.15 J	0.20	0.047	ppbv	TO-15
Chloromethane		0.51	0.20	0.090	ppbv	TO-15
Cyclohexane		0.12 J	0.20	0.045	ppbv	TO-15
Dichlorodifluoromethane		0.49	0.20	0.10	ppbv	TO-15
Ethyl Acetate		9.8	0.20	0.10	ppbv	TO-15
Heptane		0.59	0.20	0.091	ppbv	TO-15
Hexane		0.78	0.20	0.052	ppbv	TO-15
Isopropyl Alcohol		21.9 B	0.20	0.14	ppbv	TO-15
Methylene chloride		1.1	0.20	0.13	ppbv	TO-15
Methyl ethyl ketone		2.6	0.20	0.11	ppbv	TO-15
Methyl Isobutyl Ketone		0.20	0.20	0.073	ppbv	TO-15
Styrene		0.26	0.20	0.053	ppbv	TO-15
Tetrachloroethylene		0.21	0.040	0.014	ppbv	TO-15
Tetrahydrofuran		1.8	0.20	0.090	ppbv	TO-15
Toluene		1.5	0.20	0.057	ppbv	TO-15
Trichlorofluoromethane		0.21	0.20	0.15	ppbv	TO-15
Vinyl Acetate		0.47	0.20	0.11	ppbv	TO-15
Xylenes (total)		0.17 J	0.20	0.077	ppbv	TO-15
Acetone (2-Propanone)		225	1.9	1.4	ug/m3	TO-15
Benzene		0.48 J	0.64	0.15	ug/m3	TO-15
Chloromethane		1.1	0.41	0.19	ug/m3	TO-15
Cyclohexane		0.41 J	0.69	0.15	ug/m3	TO-15
Dichlorodifluoromethane		2.4	0.99	0.49	ug/m3	TO-15
Ethyl Acetate		35	0.72	0.36	ug/m3	TO-15
Heptane		2.4	0.82	0.37	ug/m3	TO-15
Hexane		2.7	0.70	0.18	ug/m3	TO-15
Isopropyl Alcohol		53.8 B	0.49	0.34	ug/m3	TO-15
Methylene chloride		3.8	0.69	0.45	ug/m3	TO-15
Methyl ethyl ketone		7.7	0.59	0.32	ug/m3	TO-15
Methyl Isobutyl Ketone		0.82	0.82	0.30	ug/m3	TO-15
Styrene		1.1	0.85	0.23	ug/m3	TO-15
Tetrachloroethylene		1.4	0.27	0.095	ug/m3	TO-15

Summary of Hits

Job Number: JD97727
Account: Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana
Collected: 10/04/24

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Tetrahydrofuran		5.3	0.59	0.27	ug/m3	TO-15
Toluene		5.7	0.75	0.21	ug/m3	TO-15
Trichlorofluoromethane		1.2	1.1	0.84	ug/m3	TO-15
Vinyl Acetate		1.7	0.70	0.39	ug/m3	TO-15
Xylenes (total)		0.74 J	0.87	0.33	ug/m3	TO-15
Benzene		0.11	0.010	0.0037	ppbv	TO-15 (BY SIM)
Bromodichloromethane		0.0049 J	0.0050	0.0010	ppbv	TO-15 (BY SIM)
Chloroform		0.030	0.0050	0.00060	ppbv	TO-15 (BY SIM)
Carbon tetrachloride		0.080	0.0050	0.0016	ppbv	TO-15 (BY SIM)
1,2-Dichloroethane		0.014	0.0050	0.0014	ppbv	TO-15 (BY SIM)
p-Dichlorobenzene		0.0040	0.0020	0.00060	ppbv	TO-15 (BY SIM)
1,1,1-Trichloroethane		0.043	0.0020	0.00090	ppbv	TO-15 (BY SIM)
Tetrachloroethylene		0.19	0.0050	0.0012	ppbv	TO-15 (BY SIM)
Benzene		0.35	0.032	0.012	ug/m3	TO-15 (BY SIM)
Bromodichloromethane		0.033 J	0.033	0.0067	ug/m3	TO-15 (BY SIM)
Chloroform		0.15	0.024	0.0029	ug/m3	TO-15 (BY SIM)
Carbon tetrachloride		0.50	0.031	0.010	ug/m3	TO-15 (BY SIM)
1,2-Dichloroethane		0.057	0.020	0.0057	ug/m3	TO-15 (BY SIM)
p-Dichlorobenzene		0.024	0.012	0.0036	ug/m3	TO-15 (BY SIM)
1,1,1-Trichloroethane		0.23	0.011	0.0049	ug/m3	TO-15 (BY SIM)
Tetrachloroethylene		1.3	0.034	0.0081	ug/m3	TO-15 (BY SIM)

JD97727-4 LV-04-IA-G-48-20241003-DU

Benzene	0.084 J	0.40	0.070	ppbv	MADEP APH
Toluene	1.1	0.40	0.059	ppbv	MADEP APH
m,p-Xylene	0.23 J	0.40	0.19	ppbv	MADEP APH
C5- C8 Aliphatics (Unadj.)	64.2	2.4	0.40	ppbv	MADEP APH
C9- C12 Aliphatics (Unadj.)	5.0	2.4	0.56	ppbv	MADEP APH
C5- C8 Aliphatics (APH)	62.7	2.4	0.078	ppbv	MADEP APH
C9- C12 Aliphatics (APH)	5.0	2.4	0.088	ppbv	MADEP APH
Benzene	0.27 J	1.3	0.22	ug/m3	MADEP APH
Toluene	4.1	1.5	0.22	ug/m3	MADEP APH
m,p-Xylene	1.0 J	1.7	0.83	ug/m3	MADEP APH
C5- C8 Aliphatics (Unadj.)	244	9.1	1.5	ug/m3	MADEP APH
C9- C12 Aliphatics (Unadj.)	29	14	3.3	ug/m3	MADEP APH
C5- C8 Aliphatics (APH)	238	9.1	0.30	ug/m3	MADEP APH
C9- C12 Aliphatics (APH)	29	14	0.52	ug/m3	MADEP APH
Acetone (2-Propanone)	84.4	1.3	0.96	ppbv	TO-15
Chloromethane	0.55	0.33	0.15	ppbv	TO-15
Dichlorodifluoromethane	0.42	0.33	0.17	ppbv	TO-15
Ethyl Acetate	5.0	0.33	0.17	ppbv	TO-15
Heptane	0.58	0.33	0.15	ppbv	TO-15
Hexane	0.62	0.33	0.086	ppbv	TO-15
Isopropyl Alcohol	22.7 B	0.33	0.23	ppbv	TO-15

Summary of Hits

Job Number: JD97727

Account: Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Collected: 10/04/24



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Methylene chloride		1.1	0.33	0.22	ppbv	TO-15
Methyl ethyl ketone		3.3	0.33	0.18	ppbv	TO-15
Methyl Isobutyl Ketone		0.21 J	0.33	0.12	ppbv	TO-15
Tetrachloroethylene		0.20	0.066	0.023	ppbv	TO-15
Tetrahydrofuran		1.9	0.33	0.15	ppbv	TO-15
Toluene		1.3	0.33	0.094	ppbv	TO-15
Vinyl Acetate		1.3	0.33	0.18	ppbv	TO-15
Acetone (2-Propanone)		200	3.1	2.3	ug/m3	TO-15
Chloromethane		1.1	0.68	0.31	ug/m3	TO-15
Dichlorodifluoromethane		2.1	1.6	0.84	ug/m3	TO-15
Ethyl Acetate		18	1.2	0.61	ug/m3	TO-15
Heptane		2.4	1.4	0.61	ug/m3	TO-15
Hexane		2.2	1.2	0.30	ug/m3	TO-15
Isopropyl Alcohol		55.8 B	0.81	0.57	ug/m3	TO-15
Methylene chloride		3.8	1.1	0.76	ug/m3	TO-15
Methyl ethyl ketone		9.7	0.97	0.53	ug/m3	TO-15
Methyl Isobutyl Ketone		0.86 J	1.4	0.49	ug/m3	TO-15
Tetrachloroethylene		1.4	0.45	0.16	ug/m3	TO-15
Tetrahydrofuran		5.6	0.97	0.44	ug/m3	TO-15
Toluene		4.9	1.2	0.35	ug/m3	TO-15
Vinyl Acetate		4.6	1.2	0.63	ug/m3	TO-15
Benzene		0.086	0.010	0.0037	ppbv	TO-15 (BY SIM)
Bromodichloromethane		0.0044 J	0.0050	0.0010	ppbv	TO-15 (BY SIM)
Chloroform		0.026	0.0050	0.00060	ppbv	TO-15 (BY SIM)
Carbon tetrachloride		0.079	0.0050	0.0016	ppbv	TO-15 (BY SIM)
1,2-Dichloroethane		0.015	0.0050	0.0014	ppbv	TO-15 (BY SIM)
p-Dichlorobenzene		0.0029	0.0020	0.00060	ppbv	TO-15 (BY SIM)
1,1,1-Trichloroethane		0.043	0.0020	0.00090	ppbv	TO-15 (BY SIM)
Tetrachloroethylene		0.18	0.0050	0.0012	ppbv	TO-15 (BY SIM)
Trichloroethylene		0.0023 J	0.0050	0.00095	ppbv	TO-15 (BY SIM)
Benzene		0.27	0.032	0.012	ug/m3	TO-15 (BY SIM)
Bromodichloromethane		0.029 J	0.033	0.0067	ug/m3	TO-15 (BY SIM)
Chloroform		0.13	0.024	0.0029	ug/m3	TO-15 (BY SIM)
Carbon tetrachloride		0.50	0.031	0.010	ug/m3	TO-15 (BY SIM)
1,2-Dichloroethane		0.061	0.020	0.0057	ug/m3	TO-15 (BY SIM)
p-Dichlorobenzene		0.017	0.012	0.0036	ug/m3	TO-15 (BY SIM)
1,1,1-Trichloroethane		0.23	0.011	0.0049	ug/m3	TO-15 (BY SIM)
Tetrachloroethylene		1.2	0.034	0.0081	ug/m3	TO-15 (BY SIM)
Trichloroethylene		0.012 J	0.027	0.0051	ug/m3	TO-15 (BY SIM)

JD97727-5

LV-02-SV-G-00-06-20241004

Ethylbenzene	0.12 J	0.40	0.060	ppbv	MADEP APH
Toluene	0.24 J	0.40	0.059	ppbv	MADEP APH
m,p-Xylene	0.52	0.40	0.19	ppbv	MADEP APH

Summary of Hits

Job Number: JD97727
Account: Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana
Collected: 10/04/24



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
o-Xylene		0.15 J	0.40	0.064	ppbv	MADEP APH
C5- C8 Aliphatics (Unadj.)		87.9	2.4	0.40	ppbv	MADEP APH
C9- C12 Aliphatics (Unadj.)		28.5	2.4	0.56	ppbv	MADEP APH
C5- C8 Aliphatics (APH)		86.8	2.4	0.078	ppbv	MADEP APH
C9- C12 Aliphatics (APH)		28.4	2.4	0.088	ppbv	MADEP APH
Ethylbenzene		0.52 J	1.7	0.26	ug/m3	MADEP APH
Toluene		0.90 J	1.5	0.22	ug/m3	MADEP APH
m,p-Xylene		2.3	1.7	0.83	ug/m3	MADEP APH
o-Xylene		0.65 J	1.7	0.28	ug/m3	MADEP APH
C5- C8 Aliphatics (Unadj.)		334	9.1	1.5	ug/m3	MADEP APH
C9- C12 Aliphatics (Unadj.)		168	14	3.3	ug/m3	MADEP APH
C5- C8 Aliphatics (APH)		329	9.1	0.30	ug/m3	MADEP APH
C9- C12 Aliphatics (APH)		167	14	0.52	ug/m3	MADEP APH
Acetone (2-Propanone)		7.2	0.80	0.58	ppbv	TO-15
Ethyl Acetate		3.2	0.80	0.42	ppbv	TO-15
Isopropyl Alcohol		7.3	0.80	0.56	ppbv	TO-15
Methyl ethyl ketone		0.49 J	0.80	0.44	ppbv	TO-15
Styrene		0.43 J	0.80	0.21	ppbv	TO-15
Tetrachloroethylene		30.6	0.16	0.056	ppbv	TO-15
Acetone (2-Propanone)		17	1.9	1.4	ug/m3	TO-15
Ethyl Acetate		12	2.9	1.5	ug/m3	TO-15
Isopropyl Alcohol		18	2.0	1.4	ug/m3	TO-15
Methyl ethyl ketone		1.4 J	2.4	1.3	ug/m3	TO-15
Styrene		1.8 J	3.4	0.89	ug/m3	TO-15
Tetrachloroethylene		208	1.1	0.38	ug/m3	TO-15

JD97727-6 LV-01-SV-G-00-12-20241004

Ethylbenzene	0.26 J	0.40	0.060	ppbv	MADEP APH
Toluene	0.39 J	0.40	0.059	ppbv	MADEP APH
m,p-Xylene	1.1	0.40	0.19	ppbv	MADEP APH
o-Xylene	0.27 J	0.40	0.064	ppbv	MADEP APH
C5- C8 Aliphatics (Unadj.)	36.4	2.4	0.40	ppbv	MADEP APH
C9- C12 Aliphatics (Unadj.)	11.5	2.4	0.56	ppbv	MADEP APH
C5- C8 Aliphatics (APH)	34.3	2.4	0.078	ppbv	MADEP APH
C9- C12 Aliphatics (APH)	11.5	2.4	0.088	ppbv	MADEP APH
Ethylbenzene	1.1 J	1.7	0.26	ug/m3	MADEP APH
Toluene	1.5 J	1.5	0.22	ug/m3	MADEP APH
m,p-Xylene	4.8	1.7	0.83	ug/m3	MADEP APH
o-Xylene	1.2 J	1.7	0.28	ug/m3	MADEP APH
C5- C8 Aliphatics (Unadj.)	138	9.1	1.5	ug/m3	MADEP APH
C9- C12 Aliphatics (Unadj.)	67.8	14	3.3	ug/m3	MADEP APH
C5- C8 Aliphatics (APH)	130	9.1	0.30	ug/m3	MADEP APH
C9- C12 Aliphatics (APH)	67.8	14	0.52	ug/m3	MADEP APH
Acetone (2-Propanone)	8.2	0.80	0.58	ppbv	TO-15

Summary of Hits

Job Number: JD97727
Account: Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana
Collected: 10/04/24



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethyl Acetate		0.96	0.80	0.42	ppbv	TO-15
Hexane		0.40 J	0.80	0.21	ppbv	TO-15
Methyl ethyl ketone		0.49 J	0.80	0.44	ppbv	TO-15
Styrene		0.96	0.80	0.21	ppbv	TO-15
Toluene		0.56 J	0.80	0.23	ppbv	TO-15
Vinyl Acetate		0.54 J	0.80	0.45	ppbv	TO-15
Xylenes (total)		0.67 J	0.80	0.31	ppbv	TO-15
Acetone (2-Propanone)		19	1.9	1.4	ug/m3	TO-15
Ethyl Acetate		3.5	2.9	1.5	ug/m3	TO-15
Hexane		1.4 J	2.8	0.74	ug/m3	TO-15
Methyl ethyl ketone		1.4 J	2.4	1.3	ug/m3	TO-15
Styrene		4.1	3.4	0.89	ug/m3	TO-15
Toluene		2.1 J	3.0	0.87	ug/m3	TO-15
Vinyl Acetate		1.9 J	2.8	1.6	ug/m3	TO-15
Xylenes (total)		2.9 J	3.5	1.3	ug/m3	TO-15



Dayton, NJ

Section 4

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	LV-03-IA-G-42-20241003			
Lab Sample ID:	JD97727-1		Date Sampled:	10/04/24
Matrix:	AIR - Indoor Air Comp.	Summa ID: A323	Date Received:	10/07/24
Method:	MADEP APH		Percent Solids:	n/a
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana			

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W67642.D	1	10/11/24 19:25	WC	n/a	n/a	V2W3081
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

MADEP APH

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
71-43-2	78.11	Benzene	0.13	0.40	0.070	ppbv	J	0.42	1.3	0.22	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	0.22	ug/m3
100-41-4	106.2	Ethylbenzene	0.21	0.40	0.060	ppbv	J	0.91	1.7	0.26	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	0.21	ug/m3
91-20-3	128.17	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	1.8	ug/m3
108-88-3	92.14	Toluene	1.9	0.40	0.059	ppbv		7.2	1.5	0.22	ug/m3
	106.2	m,p-Xylene	1.3	0.40	0.19	ppbv		5.6	1.7	0.83	ug/m3
95-47-6	106.2	o-Xylene	0.24	0.40	0.064	ppbv	J	1.0	1.7	0.28	ug/m3
	92.8	C5- C8 Aliphatics (Unadj.)	260	2.4	0.40	ppbv		987	9.1	1.5	ug/m3
	144.2	C9- C12 Aliphatics (Unadj.)	13.0	2.4	0.56	ppbv		76.7	14	3.3	ug/m3
	92.8	C5- C8 Aliphatics (APH)	257	2.4	0.078	ppbv		975	9.1	0.30	ug/m3
	144.2	C9- C12 Aliphatics (APH)	13.0	2.4	0.088	ppbv		76.7	14	0.52	ug/m3
	122.9	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	1.7	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-03-IA-G-42-20241003				
Lab Sample ID:	JD97727-1			Date Sampled:	10/04/24
Matrix:	AIR - Indoor Air Comp.	Summa ID:	A323	Date Received:	10/07/24
Method:	TO-15			Percent Solids:	n/a
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W89177.D	1	10/13/24 07:57	BK	n/a	n/a	V3W3520
Run #2	7W09697.D	1	10/15/24 17:59	TCH	n/a	n/a	V7W361

	Initial Volume
Run #1	400 ml
Run #2	100 ml

VOA TO15 Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	64.2 ^a	0.80	0.58	ppbv		153 ^a	1.9	1.4	ug/m3
71-43-2	78.11	Benzene	0.18	0.20	0.047	ppbv	J	0.58	0.64	0.15	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	0.20	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	0.10	0.20	0.045	ppbv	J	0.31	0.62	0.14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	0.11	0.20	0.037	ppbv	J	0.54	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.67	0.20	0.090	ppbv		1.4	0.41	0.19	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	0.25	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	0.15	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	0.17	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.50	0.20	0.10	ppbv		2.5	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	0.44	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	0.78	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3
100-41-4	106.2	Ethylbenzene	0.29	0.20	0.061	ppbv		1.3	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	7.1	0.20	0.10	ppbv		26	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	0.35	ug/m3

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value

RL = Reporting Limit B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-03-IA-G-42-20241003			Date Sampled:	10/04/24
Lab Sample ID:	JD97727-1			Date Received:	10/07/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A323			Percent Solids:	n/a
Method:	TO-15				
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

VOA TO15 Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
142-82-5	100.2	Heptane	0.99	0.20	0.091	ppbv		4.1	0.82	0.37	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	0.66	ug/m3
110-54-3	86.18	Hexane	0.44	0.20	0.052	ppbv		1.6	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
98-82-8	120	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	0.31	ug/m3
67-63-0	60.1	Isopropyl Alcohol	383 a	0.80	0.56	ppbv	E	941 a	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	0.76	0.20	0.13	ppbv		2.6	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.2	0.20	0.11	ppbv		9.4	0.59	0.32	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.51	0.20	0.073	ppbv		2.1	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
91-20-3	128.17	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	0.68	ug/m3
115-07-1	42	Propylene	ND	0.50	0.14	ppbv		ND	0.86	0.24	ug/m3
100-42-5	104.1	Styrene	0.25	0.20	0.053	ppbv		1.1	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	0.43	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	0.17	0.20	0.087	ppbv	J	0.84	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	0.39	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.14	0.040	0.014	ppbv		0.95	0.27	0.095	ug/m3
109-99-9	72.11	Tetrahydrofuran	1.0	0.20	0.090	ppbv		2.9	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	2.1	0.20	0.057	ppbv		7.9	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.25	0.20	0.15	ppbv		1.4	1.1	0.84	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	0.18	ug/m3
108-05-4	86	Vinyl Acetate	0.83	0.20	0.11	ppbv		2.9	0.70	0.39	ug/m3
1330-20-7	106.2	Xylenes (total)	1.2	0.20	0.077	ppbv		5.2	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%	95%	65-128%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-03-IA-G-42-20241003			Date Sampled:	10/04/24
Lab Sample ID:	JD97727-1			Date Received:	10/07/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A323			Percent Solids:	n/a
Method:	TO-15 (BY SIM)				
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6W33672.D	1	10/16/24 23:42	BK	n/a	n/a	V6W1398
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

Air SIM Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
71-43-2	78.11	Benzene	0.14	0.010	0.0037	ppbv		0.45	0.032	0.012	ug/m3
75-27-4	163.8	Bromodichloromethane	0.0098	0.0050	0.0010	ppbv		0.066	0.033	0.0067	ug/m3
67-66-3	119.4	Chloroform	0.10	0.0050	0.0006	ppbv		0.49	0.024	0.0029	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.088	0.0050	0.0016	ppbv		0.55	0.031	0.010	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.0020	0.0010	ppbv		ND	0.0079	0.0040	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.0050	0.0011	ppbv		ND	0.038	0.0085	ug/m3
107-06-2	98.96	1,2-Dichloroethane	0.088	0.0050	0.0014	ppbv		0.36	0.020	0.0057	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.0050	0.0014	ppbv		ND	0.023	0.0065	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.0050	0.0006	ppbv		ND	0.043	0.0051	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.0050	0.0017	ppbv		ND	0.023	0.0077	ug/m3
106-46-7	147	p-Dichlorobenzene	0.0050	0.0020	0.0006	ppbv		0.030	0.012	0.0036	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.0050	0.0009	ppbv		ND	0.023	0.0041	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.025	0.0020	0.0009	ppbv		0.14	0.011	0.0049	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.0050	0.0010	ppbv		ND	0.034	0.0069	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	0.0079	0.0050	0.0014	ppbv		0.043	0.027	0.0076	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.11	0.0050	0.0012	ppbv		0.75	0.034	0.0081	ug/m3
79-01-6	131.4	Trichloroethylene	0.0063	0.0050	0.0009	ppbv		0.034	0.027	0.0051	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.0020	0.0005	ppbv		ND	0.0051	0.0014	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		65-128%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-05-IA-G-48-20241003			Date Sampled:	10/04/24
Lab Sample ID:	JD97727-2			Date Received:	10/07/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A2049			Percent Solids:	n/a
Method:	MADEP APH				
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W67641.D	1.58	10/11/24 18:44	WC	n/a	n/a	V2W3081
Run #2							

	Initial Volume
Run #1	632 ml
Run #2	

MADEP APH

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
71-43-2	78.11	Benzene	0.11	0.40	0.070	ppbv	J	0.35	1.3	0.22	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	0.22	ug/m3
100-41-4	106.2	Ethylbenzene	0.18	0.40	0.060	ppbv	J	0.78	1.7	0.26	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	0.21	ug/m3
91-20-3	128.17	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	1.8	ug/m3
108-88-3	92.14	Toluene	2.3	0.40	0.059	ppbv		8.7	1.5	0.22	ug/m3
	106.2	m,p-Xylene	1.3	0.40	0.19	ppbv		5.6	1.7	0.83	ug/m3
95-47-6	106.2	o-Xylene	0.41	0.40	0.064	ppbv		1.8	1.7	0.28	ug/m3
	92.8	C5- C8 Aliphatics (Unadj.)	265	2.4	0.40	ppbv		1010	9.1	1.5	ug/m3
	144.2	C9- C12 Aliphatics (Unadj.)	15.6	2.4	0.56	ppbv		92.0	14	3.3	ug/m3
	92.8	C5- C8 Aliphatics (APH)	261	2.4	0.078	ppbv		991	9.1	0.30	ug/m3
	144.2	C9- C12 Aliphatics (APH)	15.6	2.4	0.088	ppbv		92.0	14	0.52	ug/m3
	122.9	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	1.7	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		70-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-05-IA-G-48-20241003				
Lab Sample ID:	JD97727-2			Date Sampled:	10/04/24
Matrix:	AIR - Indoor Air Comp.	Summa ID:	A2049	Date Received:	10/07/24
Method:	TO-15			Percent Solids:	n/a
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W89178.D	1.58	10/13/24 08:54	BK	n/a	n/a	V3W3520
Run #2	7W09698.D	1.58	10/15/24 18:35	TCH	n/a	n/a	V7W361

	Initial Volume
Run #1	632 ml
Run #2	100 ml

VOA TO15 Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	56.3 ^a	1.3	0.92	ppbv		134 ^a	3.1	2.2	ug/m3
71-43-2	78.11	Benzene	0.18	0.20	0.047	ppbv	J	0.58	0.64	0.15	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	0.20	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	0.14	0.20	0.045	ppbv	J	0.44	0.62	0.14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	0.30	0.20	0.037	ppbv		1.5	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.69	0.20	0.090	ppbv		1.4	0.41	0.19	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	0.25	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	0.15	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	0.17	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.70	0.20	0.10	ppbv		3.5	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	0.44	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	0.78	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3
100-41-4	106.2	Ethylbenzene	0.24	0.20	0.061	ppbv		1.0	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	9.3	0.20	0.10	ppbv		33	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	0.35	ug/m3

ND = Not detected

MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-05-IA-G-48-20241003			Date Sampled:	10/04/24
Lab Sample ID:	JD97727-2			Date Received:	10/07/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A2049			Percent Solids:	n/a
Method:	TO-15				
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

VOA TO15 Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
142-82-5	100.2	Heptane	1.4	0.20	0.091	ppbv		5.7	0.82	0.37	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	0.66	ug/m3
110-54-3	86.18	Hexane	0.55	0.20	0.052	ppbv		1.9	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
98-82-8	120	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	0.31	ug/m3
67-63-0	60.1	Isopropyl Alcohol	361 ^a	1.3	0.89	ppbv	E	887 ^a	3.2	2.2	ug/m3
75-09-2	84.94	Methylene chloride	0.97	0.20	0.13	ppbv		3.4	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	5.2	0.20	0.11	ppbv		15	0.59	0.32	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.46	0.20	0.073	ppbv		1.9	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
91-20-3	128.17	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	0.68	ug/m3
115-07-1	42	Propylene	ND	0.50	0.14	ppbv		ND	0.86	0.24	ug/m3
100-42-5	104.1	Styrene	0.43	0.20	0.053	ppbv		1.8	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	0.43	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	0.30	0.20	0.087	ppbv		1.5	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	0.10	0.20	0.080	ppbv	J	0.49	0.98	0.39	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.093	0.040	0.014	ppbv		0.63	0.27	0.095	ug/m3
109-99-9	72.11	Tetrahydrofuran	0.77	0.20	0.090	ppbv		2.3	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	2.8	0.20	0.057	ppbv		11	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.30	0.20	0.15	ppbv		1.7	1.1	0.84	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	0.18	ug/m3
108-05-4	86	Vinyl Acetate	0.55	0.20	0.11	ppbv		1.9	0.70	0.39	ug/m3
1330-20-7	106.2	Xylenes (total)	1.4	0.20	0.077	ppbv		5.9	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%	93%	65-128%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-05-IA-G-48-20241003				
Lab Sample ID:	JD97727-2			Date Sampled:	10/04/24
Matrix:	AIR - Indoor Air Comp.	Summa ID:	A2049	Date Received:	10/07/24
Method:	TO-15 (BY SIM)			Percent Solids:	n/a
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6W33673.D	1.58	10/17/24 00:30	BK	n/a	n/a	V6W1398
Run #2							

	Initial Volume
Run #1	632 ml
Run #2	

Air SIM Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
71-43-2	78.11	Benzene	0.13	0.010	0.0037	ppbv		0.42	0.032	0.012	ug/m3
75-27-4	163.8	Bromodichloromethane	0.012	0.0050	0.0010	ppbv		0.080	0.033	0.0067	ug/m3
67-66-3	119.4	Chloroform	0.26	0.0050	0.0006	ppbv		1.3	0.024	0.0029	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.10	0.0050	0.0016	ppbv		0.63	0.031	0.010	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.0020	0.0010	ppbv		ND	0.0079	0.0040	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.0050	0.0011	ppbv		ND	0.038	0.0085	ug/m3
107-06-2	98.96	1,2-Dichloroethane	0.042	0.0050	0.0014	ppbv		0.17	0.020	0.0057	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.0050	0.0014	ppbv		ND	0.023	0.0065	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.0050	0.0006	ppbv		ND	0.043	0.0051	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.0050	0.0017	ppbv		ND	0.023	0.0077	ug/m3
106-46-7	147	p-Dichlorobenzene	0.0077	0.0020	0.0006	ppbv		0.046	0.012	0.0036	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.0050	0.0009	ppbv		ND	0.023	0.0041	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.022	0.0020	0.0009	ppbv		0.12	0.011	0.0049	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.0050	0.0010	ppbv		ND	0.034	0.0069	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	0.0095	0.0050	0.0014	ppbv		0.052	0.027	0.0076	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.089	0.0050	0.0012	ppbv		0.60	0.034	0.0081	ug/m3
79-01-6	131.4	Trichloroethylene	0.0043	0.0050	0.0009	ppbv	J	0.023	0.027	0.0051	ug/m3
75-01-4	62.5	Vinyl chloride	0.0030	0.0020	0.0005	ppbv		0.0077	0.0051	0.0014	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		65-128%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-04-IA-G-48-20241003				
Lab Sample ID:	JD97727-3			Date Sampled:	10/04/24
Matrix:	AIR - Indoor Air Comp.	Summa ID:	A738	Date Received:	10/07/24
Method:	MADEP APH			Percent Solids:	n/a
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W67640.D	1	10/11/24 18:00	WC	n/a	n/a	V2W3081
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

MADEP APH

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
71-43-2	78.11	Benzene	0.10	0.40	0.070	ppbv	J	0.32	1.3	0.22	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	0.22	ug/m3
100-41-4	106.2	Ethylbenzene	0.063	0.40	0.060	ppbv	J	0.27	1.7	0.26	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	0.21	ug/m3
91-20-3	128.17	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	1.8	ug/m3
108-88-3	92.14	Toluene	1.3	0.40	0.059	ppbv		4.9	1.5	0.22	ug/m3
	106.2	m,p-Xylene	0.24	0.40	0.19	ppbv	J	1.0	1.7	0.83	ug/m3
95-47-6	106.2	o-Xylene	ND	0.40	0.064	ppbv		ND	1.7	0.28	ug/m3
	92.8	C5- C8 Aliphatics (Unadj.)	70.4	2.4	0.40	ppbv		267	9.1	1.5	ug/m3
	144.2	C9- C12 Aliphatics (Unadj.)	19.2	2.4	0.56	ppbv		113	14	3.3	ug/m3
	92.8	C5- C8 Aliphatics (APH)	68.6	2.4	0.078	ppbv		260	9.1	0.30	ug/m3
	144.2	C9- C12 Aliphatics (APH)	19.2	2.4	0.088	ppbv		113	14	0.52	ug/m3
	122.9	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	1.7	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-04-IA-G-48-20241003				
Lab Sample ID:	JD97727-3			Date Sampled:	10/04/24
Matrix:	AIR - Indoor Air Comp.	Summa ID:	A738	Date Received:	10/07/24
Method:	TO-15			Percent Solids:	n/a
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W89179.D	1	10/13/24 09:53	BK	n/a	n/a	V3W3520
Run #2	7W09699.D	1	10/15/24 19:12	TCH	n/a	n/a	V7W361

	Initial Volume
Run #1	400 ml
Run #2	100 ml

VOA TO15 Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	94.7 ^a	0.80	0.58	ppbv		225 ^a	1.9	1.4	ug/m3
71-43-2	78.11	Benzene	0.15	0.20	0.047	ppbv	J	0.48	0.64	0.15	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	0.20	ug/m3
75-25-2	252.8	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	0.14	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.51	0.20	0.090	ppbv		1.1	0.41	0.19	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	0.25	ug/m3
110-82-7	84.16	Cyclohexane	0.12	0.20	0.045	ppbv	J	0.41	0.69	0.15	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	0.17	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.49	0.20	0.10	ppbv		2.4	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	0.44	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	0.11	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	0.78	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	9.8	0.20	0.10	ppbv		35	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	0.35	ug/m3

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value

RL = Reporting Limit B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-04-IA-G-48-20241003	Date Sampled:	10/04/24
Lab Sample ID:	JD97727-3	Date Received:	10/07/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A738	Percent Solids:	n/a
Method:	TO-15		
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana		

VOA TO15 Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
142-82-5	100.2	Heptane	0.59	0.20	0.091	ppbv		2.4	0.82	0.37	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	0.66	ug/m3
110-54-3	86.18	Hexane	0.78	0.20	0.052	ppbv		2.7	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
98-82-8	120	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	0.31	ug/m3
67-63-0	60.1	Isopropyl Alcohol	21.9	0.20	0.14	ppbv	B	53.8	0.49	0.34	ug/m3
75-09-2	84.94	Methylene chloride	1.1	0.20	0.13	ppbv		3.8	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.6	0.20	0.11	ppbv		7.7	0.59	0.32	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.20	0.20	0.073	ppbv		0.82	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
91-20-3	128.17	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	0.68	ug/m3
115-07-1	42	Propylene	ND	0.50	0.14	ppbv		ND	0.86	0.24	ug/m3
100-42-5	104.1	Styrene	0.26	0.20	0.053	ppbv		1.1	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	0.43	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	0.39	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.21	0.040	0.014	ppbv		1.4	0.27	0.095	ug/m3
109-99-9	72.11	Tetrahydrofuran	1.8	0.20	0.090	ppbv		5.3	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	1.5	0.20	0.057	ppbv		5.7	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.21	0.20	0.15	ppbv		1.2	1.1	0.84	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	0.18	ug/m3
108-05-4	86	Vinyl Acetate	0.47	0.20	0.11	ppbv		1.7	0.70	0.39	ug/m3
1330-20-7	106.2	Xylenes (total)	0.17	0.20	0.077	ppbv	J	0.74	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%	97%	65-128%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-04-IA-G-48-20241003				
Lab Sample ID:	JD97727-3			Date Sampled:	10/04/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A738			Date Received:	10/07/24
Method:	TO-15 (BY SIM)			Percent Solids:	n/a
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6W33674.D	1	10/17/24 01:15	BK	n/a	n/a	V6W1398
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

Air SIM Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
71-43-2	78.11	Benzene	0.11	0.010	0.0037	ppbv		0.35	0.032	0.012	ug/m3
75-27-4	163.8	Bromodichloromethane	0.0049	0.0050	0.0010	ppbv	J	0.033	0.033	0.0067	ug/m3
67-66-3	119.4	Chloroform	0.030	0.0050	0.0006	ppbv		0.15	0.024	0.0029	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.080	0.0050	0.0016	ppbv		0.50	0.031	0.010	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.0020	0.0010	ppbv		ND	0.0079	0.0040	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.0050	0.0011	ppbv		ND	0.038	0.0085	ug/m3
107-06-2	98.96	1,2-Dichloroethane	0.014	0.0050	0.0014	ppbv		0.057	0.020	0.0057	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.0050	0.0014	ppbv		ND	0.023	0.0065	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.0050	0.0006	ppbv		ND	0.043	0.0051	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.0050	0.0017	ppbv		ND	0.023	0.0077	ug/m3
106-46-7	147	p-Dichlorobenzene	0.0040	0.0020	0.0006	ppbv		0.024	0.012	0.0036	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.0050	0.0009	ppbv		ND	0.023	0.0041	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.043	0.0020	0.0009	ppbv		0.23	0.011	0.0049	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.0050	0.0010	ppbv		ND	0.034	0.0069	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.0050	0.0014	ppbv		ND	0.027	0.0076	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.19	0.0050	0.0012	ppbv		1.3	0.034	0.0081	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.0050	0.0009	ppbv		ND	0.027	0.0051	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.0020	0.0005	ppbv		ND	0.0051	0.0014	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		65-128%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-04-IA-G-48-20241003-DU			
Lab Sample ID:	JD97727-4		Date Sampled:	10/04/24
Matrix:	AIR - Indoor Air Comp.	Summa ID: A190	Date Received:	10/07/24
Method:	MADEP APH		Percent Solids:	n/a
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana			

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W67639.D	1.65	10/11/24 17:19	WC	n/a	n/a	V2W3081
Run #2							

	Initial Volume
Run #1	660 ml
Run #2	

MADEP APH

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
71-43-2	78.11	Benzene	0.084	0.40	0.070	ppbv	J	0.27	1.3	0.22	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	0.22	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.40	0.060	ppbv		ND	1.7	0.26	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	0.21	ug/m3
91-20-3	128.17	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	1.8	ug/m3
108-88-3	92.14	Toluene	1.1	0.40	0.059	ppbv		4.1	1.5	0.22	ug/m3
	106.2	m,p-Xylene	0.23	0.40	0.19	ppbv	J	1.0	1.7	0.83	ug/m3
95-47-6	106.2	o-Xylene	ND	0.40	0.064	ppbv		ND	1.7	0.28	ug/m3
	92.8	C5- C8 Aliphatics (Unadj.)	64.2	2.4	0.40	ppbv		244	9.1	1.5	ug/m3
	144.2	C9- C12 Aliphatics (Unadj.)	5.0	2.4	0.56	ppbv		29	14	3.3	ug/m3
	92.8	C5- C8 Aliphatics (APH)	62.7	2.4	0.078	ppbv		238	9.1	0.30	ug/m3
	144.2	C9- C12 Aliphatics (APH)	5.0	2.4	0.088	ppbv		29	14	0.52	ug/m3
	122.9	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	1.7	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-04-IA-G-48-20241003-DU				
Lab Sample ID:	JD97727-4			Date Sampled:	10/04/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A190			Date Received:	10/07/24
Method:	TO-15			Percent Solids:	n/a
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W89180.D	1.65	10/13/24 10:49	BK	n/a	n/a	V3W3520
Run #2	7W09700.D	1.65	10/15/24 19:48	TCH	n/a	n/a	V7W361

	Initial Volume
Run #1	400 ml
Run #2	100 ml

VOA TO15 Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	84.4 ^a	1.3	0.96	ppbv		200 ^a	3.1	2.3	ug/m3
71-43-2	78.11	Benzene	ND	0.33	0.078	ppbv		ND	1.1	0.25	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.33	0.050	ppbv		ND	2.2	0.33	ug/m3
75-25-2	252.8	Bromoform	ND	0.33	0.12	ppbv		ND	3.4	1.2	ug/m3
74-83-9	94.94	Bromomethane	ND	0.33	0.11	ppbv		ND	1.3	0.43	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.33	0.21	ppbv		ND	1.7	1.1	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.33	0.074	ppbv		ND	1.0	0.23	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.33	0.12	ppbv		ND	1.5	0.55	ug/m3
75-00-3	64.52	Chloroethane	ND	0.33	0.11	ppbv		ND	0.87	0.29	ug/m3
67-66-3	119.4	Chloroform	ND	0.33	0.061	ppbv		ND	1.6	0.30	ug/m3
74-87-3	50.49	Chloromethane	0.55	0.33	0.15	ppbv		1.1	0.68	0.31	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.33	0.066	ppbv		ND	2.1	0.42	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.33	0.074	ppbv		ND	1.1	0.25	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.33	0.097	ppbv		ND	1.3	0.38	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.33	0.050	ppbv		ND	2.5	0.38	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.33	0.12	ppbv		ND	1.3	0.49	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.33	0.10	ppbv		ND	1.5	0.46	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.33	0.079	ppbv		ND	1.2	0.28	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.42	0.33	0.17	ppbv		2.1	1.6	0.84	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.33	0.086	ppbv		ND	2.8	0.73	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.33	0.046	ppbv		ND	1.3	0.18	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.33	0.050	ppbv		ND	1.3	0.20	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.33	0.10	ppbv		ND	1.5	0.45	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.33	0.22	ppbv		ND	2.0	1.3	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.33	0.11	ppbv		ND	2.0	0.66	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.33	0.13	ppbv		ND	2.0	0.78	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.33	0.17	ppbv		ND	1.5	0.77	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.33	0.10	ppbv		ND	1.4	0.43	ug/m3
141-78-6	88	Ethyl Acetate	5.0	0.33	0.17	ppbv		18	1.2	0.61	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.33	0.16	ppbv		ND	1.6	0.79	ug/m3
76-13-1	187.4	Freon 113	ND	0.33	0.051	ppbv		ND	2.5	0.39	ug/m3
76-14-2	170.9	Freon 114	ND	0.33	0.083	ppbv		ND	2.3	0.58	ug/m3

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value

RL = Reporting Limit B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-04-IA-G-48-20241003-DU			Date Sampled:	10/04/24
Lab Sample ID:	JD97727-4			Date Received:	10/07/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A190			Percent Solids:	n/a
Method:	TO-15				
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

VOA TO15 Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
142-82-5	100.2	Heptane	0.58	0.33	0.15	ppbv		2.4	1.4	0.61	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.33	0.10	ppbv		ND	3.5	1.1	ug/m3
110-54-3	86.18	Hexane	0.62	0.33	0.086	ppbv		2.2	1.2	0.30	ug/m3
591-78-6	100	2-Hexanone	ND	0.33	0.24	ppbv		ND	1.3	0.98	ug/m3
98-82-8	120	Isopropylbenzene	ND	0.33	0.11	ppbv		ND	1.6	0.54	ug/m3
67-63-0	60.1	Isopropyl Alcohol	22.7	0.33	0.23	ppbv	B	55.8	0.81	0.57	ug/m3
75-09-2	84.94	Methylene chloride	1.1	0.33	0.22	ppbv		3.8	1.1	0.76	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.3	0.33	0.18	ppbv		9.7	0.97	0.53	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.21	0.33	0.12	ppbv	J	0.86	1.4	0.49	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.33	0.13	ppbv		ND	1.2	0.47	ug/m3
91-20-3	128.17	Naphthalene	ND	0.33	0.21	ppbv		ND	1.7	1.1	ug/m3
115-07-1	42	Propylene	ND	0.83	0.23	ppbv		ND	1.4	0.40	ug/m3
100-42-5	104.1	Styrene	ND	0.33	0.087	ppbv		ND	1.4	0.37	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.33	0.13	ppbv		ND	1.8	0.71	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.33	0.079	ppbv		ND	2.3	0.54	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.33	0.063	ppbv		ND	1.8	0.34	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.33	0.20	ppbv		ND	2.4	1.5	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.33	0.14	ppbv		ND	1.6	0.69	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.33	0.13	ppbv		ND	1.6	0.64	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.20	0.066	0.023	ppbv		1.4	0.45	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	1.9	0.33	0.15	ppbv		5.6	0.97	0.44	ug/m3
108-88-3	92.14	Toluene	1.3	0.33	0.094	ppbv		4.9	1.2	0.35	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.066	0.031	ppbv		ND	0.35	0.17	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.33	0.25	ppbv		ND	1.9	1.4	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.33	0.11	ppbv		ND	0.84	0.28	ug/m3
108-05-4	86	Vinyl Acetate	1.3	0.33	0.18	ppbv		4.6	1.2	0.63	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.33	0.13	ppbv		ND	1.4	0.56	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%	93%	65-128%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-04-IA-G-48-20241003-DU			Date Sampled:	10/04/24
Lab Sample ID:	JD97727-4			Date Received:	10/07/24
Matrix:	AIR - Indoor Air Comp. Summa ID: A190			Percent Solids:	n/a
Method:	TO-15 (BY SIM)				
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6W33675.D	1.65	10/17/24 02:03	BK	n/a	n/a	V6W1398
Run #2							

	Initial Volume
Run #1	660 ml
Run #2	

Air SIM Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
71-43-2	78.11	Benzene	0.086	0.010	0.0037	ppbv		0.27	0.032	0.012	ug/m3
75-27-4	163.8	Bromodichloromethane	0.0044	0.0050	0.0010	ppbv	J	0.029	0.033	0.0067	ug/m3
67-66-3	119.4	Chloroform	0.026	0.0050	0.0006	ppbv		0.13	0.024	0.0029	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.079	0.0050	0.0016	ppbv		0.50	0.031	0.010	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.0020	0.0010	ppbv		ND	0.0079	0.0040	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.0050	0.0011	ppbv		ND	0.038	0.0085	ug/m3
107-06-2	98.96	1,2-Dichloroethane	0.015	0.0050	0.0014	ppbv		0.061	0.020	0.0057	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.0050	0.0014	ppbv		ND	0.023	0.0065	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.0050	0.0006	ppbv		ND	0.043	0.0051	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.0050	0.0017	ppbv		ND	0.023	0.0077	ug/m3
106-46-7	147	p-Dichlorobenzene	0.0029	0.0020	0.0006	ppbv		0.017	0.012	0.0036	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.0050	0.0009	ppbv		ND	0.023	0.0041	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.043	0.0020	0.0009	ppbv		0.23	0.011	0.0049	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.0050	0.0010	ppbv		ND	0.034	0.0069	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.0050	0.0014	ppbv		ND	0.027	0.0076	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.18	0.0050	0.0012	ppbv		1.2	0.034	0.0081	ug/m3
79-01-6	131.4	Trichloroethylene	0.0023	0.0050	0.0009	ppbv	J	0.012	0.027	0.0051	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.0020	0.0005	ppbv		ND	0.0051	0.0014	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		65-128%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-02-SV-G-00-06-20241004				
Lab Sample ID:	JD97727-5			Date Sampled:	10/04/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1866			Date Received:	10/07/24
Method:	MADEP APH			Percent Solids:	n/a
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W67638.D	1	10/11/24 16:35	WC	n/a	n/a	V2W3081
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

MADEP APH

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
71-43-2	78.11	Benzene	ND	0.40	0.070	ppbv		ND	1.3	0.22	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	0.22	ug/m3
100-41-4	106.2	Ethylbenzene	0.12	0.40	0.060	ppbv	J	0.52	1.7	0.26	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	0.21	ug/m3
91-20-3	128.17	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	1.8	ug/m3
108-88-3	92.14	Toluene	0.24	0.40	0.059	ppbv	J	0.90	1.5	0.22	ug/m3
	106.2	m,p-Xylene	0.52	0.40	0.19	ppbv		2.3	1.7	0.83	ug/m3
95-47-6	106.2	o-Xylene	0.15	0.40	0.064	ppbv	J	0.65	1.7	0.28	ug/m3
	92.8	C5- C8 Aliphatics (Unadj.)	87.9	2.4	0.40	ppbv		334	9.1	1.5	ug/m3
	144.2	C9- C12 Aliphatics (Unadj.)	28.5	2.4	0.56	ppbv		168	14	3.3	ug/m3
	92.8	C5- C8 Aliphatics (APH)	86.8	2.4	0.078	ppbv		329	9.1	0.30	ug/m3
	144.2	C9- C12 Aliphatics (APH)	28.4	2.4	0.088	ppbv		167	14	0.52	ug/m3
	122.9	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	1.7	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-02-SV-G-00-06-20241004			Date Sampled:	10/04/24
Lab Sample ID:	JD97727-5			Date Received:	10/07/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1866			Percent Solids:	n/a
Method:	TO-15				
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W09701.D	1	10/15/24 20:24	TCH	n/a	n/a	V7W361
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	7.2	0.80	0.58	ppbv	17	1.9	1.4	ug/m3	
71-43-2	78.11	Benzene	ND	0.80	0.19	ppbv	ND	2.6	0.61	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv	ND	5.4	0.80	ug/m3	
75-25-2	252.8	Bromoform	ND	0.80	0.28	ppbv	ND	8.3	2.9	ug/m3	
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv	ND	3.1	1.1	ug/m3	
100-44-7	126	Benzyl Chloride ^a	ND	0.80	0.50	ppbv	ND	4.1	2.6	ug/m3	
75-15-0	76.14	Carbon disulfide	ND	0.80	0.18	ppbv	ND	2.5	0.56	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv	ND	3.7	1.4	ug/m3	
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv	ND	2.1	0.71	ug/m3	
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv	ND	3.9	0.73	ug/m3	
74-87-3	50.49	Chloromethane	ND	0.80	0.36	ppbv	ND	1.7	0.74	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv	ND	5.0	1.0	ug/m3	
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv	ND	2.8	0.62	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.24	ppbv	ND	3.2	0.95	ug/m3	
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.80	0.12	ppbv	ND	6.1	0.92	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv	ND	3.2	1.1	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv	ND	3.7	1.2	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.19	ppbv	ND	2.9	0.68	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.42	ppbv	ND	4.0	2.1	ug/m3	
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.21	ppbv	ND	6.8	1.8	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv	ND	3.2	0.44	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.12	ppbv	ND	3.2	0.48	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv	ND	3.6	1.1	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.53	ppbv	ND	4.8	3.2	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.28	ppbv	ND	4.8	1.7	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.32	ppbv	ND	4.8	1.9	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv	ND	3.6	1.8	ug/m3	
100-41-4	106.2	Ethylbenzene	ND	0.80	0.24	ppbv	ND	3.5	1.0	ug/m3	
141-78-6	88	Ethyl Acetate	3.2	0.80	0.42	ppbv	12	2.9	1.5	ug/m3	
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv	ND	3.9	1.9	ug/m3	
76-13-1	187.4	Freon 113	ND	0.80	0.12	ppbv	ND	6.1	0.92	ug/m3	
76-14-2	170.9	Freon 114	ND	0.80	0.20	ppbv	ND	5.6	1.4	ug/m3	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-02-SV-G-00-06-20241004				
Lab Sample ID:	JD97727-5			Date Sampled:	10/04/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1866			Date Received:	10/07/24
Method:	TO-15			Percent Solids:	n/a
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

VOA TO15 Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
142-82-5	100.2	Heptane	ND	0.80	0.36	ppbv		ND	3.3	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.25	ppbv		ND	8.5	2.7	ug/m3
110-54-3	86.18	Hexane	ND	0.80	0.21	ppbv		ND	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
98-82-8	120	Isopropylbenzene	ND	0.80	0.26	ppbv		ND	3.9	1.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	7.3	0.80	0.56	ppbv		18	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.53	ppbv		ND	2.8	1.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.49	0.80	0.44	ppbv	J	1.4	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
91-20-3	128.17	Naphthalene	ND	0.80	0.51	ppbv		ND	4.2	2.7	ug/m3
115-07-1	42	Propylene	ND	2.0	0.57	ppbv		ND	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	0.43	0.80	0.21	ppbv	J	1.8	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.31	ppbv		ND	4.4	1.7	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.80	0.19	ppbv		ND	5.5	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.15	ppbv		ND	4.4	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.48	ppbv		ND	5.9	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
127-18-4	165.8	Tetrachloroethylene	30.6	0.16	0.056	ppbv		208	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	ND	0.80	0.23	ppbv		ND	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.62	ppbv		ND	4.5	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.28	ppbv		ND	2.0	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		65-128%

(a) Associated ICV/CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-01-SV-G-00-12-20241004				
Lab Sample ID:	JD97727-6			Date Sampled:	10/04/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A995			Date Received:	10/07/24
Method:	MADEP APH			Percent Solids:	n/a
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W67636.D	1	10/11/24 15:14	WC	n/a	n/a	V2W3081
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

MADEP APH

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
71-43-2	78.11	Benzene	ND	0.40	0.070	ppbv		ND	1.3	0.22	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	0.22	ug/m3
100-41-4	106.2	Ethylbenzene	0.26	0.40	0.060	ppbv	J	1.1	1.7	0.26	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	0.21	ug/m3
91-20-3	128.17	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	1.8	ug/m3
108-88-3	92.14	Toluene	0.39	0.40	0.059	ppbv	J	1.5	1.5	0.22	ug/m3
	106.2	m,p-Xylene	1.1	0.40	0.19	ppbv		4.8	1.7	0.83	ug/m3
95-47-6	106.2	o-Xylene	0.27	0.40	0.064	ppbv	J	1.2	1.7	0.28	ug/m3
	92.8	C5- C8 Aliphatics (Unadj.)	36.4	2.4	0.40	ppbv		138	9.1	1.5	ug/m3
	144.2	C9- C12 Aliphatics (Unadj.)	11.5	2.4	0.56	ppbv		67.8	14	3.3	ug/m3
	92.8	C5- C8 Aliphatics (APH)	34.3	2.4	0.078	ppbv		130	9.1	0.30	ug/m3
	144.2	C9- C12 Aliphatics (APH)	11.5	2.4	0.088	ppbv		67.8	14	0.52	ug/m3
	122.9	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	1.7	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-01-SV-G-00-12-20241004			Date Sampled:	10/04/24
Lab Sample ID:	JD97727-6			Date Received:	10/07/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A995			Percent Solids:	n/a
Method:	TO-15				
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana				

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7W09702.D	1	10/15/24 21:00	TCH	n/a	n/a	V7W361
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	8.2	0.80	0.58	ppbv	19	1.9	1.4	ug/m3	
71-43-2	78.11	Benzene	ND	0.80	0.19	ppbv	ND	2.6	0.61	ug/m3	
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.12	ppbv	ND	5.4	0.80	ug/m3	
75-25-2	252.8	Bromoform	ND	0.80	0.28	ppbv	ND	8.3	2.9	ug/m3	
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv	ND	3.1	1.1	ug/m3	
100-44-7	126	Benzyl Chloride ^a	ND	0.80	0.50	ppbv	ND	4.1	2.6	ug/m3	
75-15-0	76.14	Carbon disulfide	ND	0.80	0.18	ppbv	ND	2.5	0.56	ug/m3	
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv	ND	3.7	1.4	ug/m3	
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv	ND	2.1	0.71	ug/m3	
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv	ND	3.9	0.73	ug/m3	
74-87-3	50.49	Chloromethane	ND	0.80	0.36	ppbv	ND	1.7	0.74	ug/m3	
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.16	ppbv	ND	5.0	1.0	ug/m3	
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv	ND	2.8	0.62	ug/m3	
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.24	ppbv	ND	3.2	0.95	ug/m3	
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.80	0.12	ppbv	ND	6.1	0.92	ug/m3	
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv	ND	3.2	1.1	ug/m3	
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv	ND	3.7	1.2	ug/m3	
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.19	ppbv	ND	2.9	0.68	ug/m3	
75-71-8	120.9	Dichlorodifluoromethane	ND	0.80	0.42	ppbv	ND	4.0	2.1	ug/m3	
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.21	ppbv	ND	6.8	1.8	ug/m3	
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.11	ppbv	ND	3.2	0.44	ug/m3	
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.12	ppbv	ND	3.2	0.48	ug/m3	
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv	ND	3.6	1.1	ug/m3	
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.53	ppbv	ND	4.8	3.2	ug/m3	
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.28	ppbv	ND	4.8	1.7	ug/m3	
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.32	ppbv	ND	4.8	1.9	ug/m3	
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv	ND	3.6	1.8	ug/m3	
100-41-4	106.2	Ethylbenzene	ND	0.80	0.24	ppbv	ND	3.5	1.0	ug/m3	
141-78-6	88	Ethyl Acetate	0.96	0.80	0.42	ppbv	3.5	2.9	1.5	ug/m3	
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv	ND	3.9	1.9	ug/m3	
76-13-1	187.4	Freon 113	ND	0.80	0.12	ppbv	ND	6.1	0.92	ug/m3	
76-14-2	170.9	Freon 114	ND	0.80	0.20	ppbv	ND	5.6	1.4	ug/m3	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LV-01-SV-G-00-12-20241004	Date Sampled:	10/04/24
Lab Sample ID:	JD97727-6	Date Received:	10/07/24
Matrix:	AIR - Soil Vapor Comp. Summa ID: A995	Percent Solids:	n/a
Method:	TO-15		
Project:	R8 START: Lewistown VA Clinic, Lewistown, Montana		

VOA TO15 Special List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
142-82-5	100.2	Heptane	ND	0.80	0.36	ppbv		ND	3.3	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.25	ppbv		ND	8.5	2.7	ug/m3
110-54-3	86.18	Hexane	0.40	0.80	0.21	ppbv	J	1.4	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
98-82-8	120	Isopropylbenzene	ND	0.80	0.26	ppbv		ND	3.9	1.3	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.56	ppbv		ND	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.53	ppbv		ND	2.8	1.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.49	0.80	0.44	ppbv	J	1.4	2.4	1.3	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
91-20-3	128.17	Naphthalene	ND	0.80	0.51	ppbv		ND	4.2	2.7	ug/m3
115-07-1	42	Propylene	ND	2.0	0.57	ppbv		ND	3.4	0.98	ug/m3
100-42-5	104.1	Styrene	0.96	0.80	0.21	ppbv		4.1	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.31	ppbv		ND	4.4	1.7	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.80	0.19	ppbv		ND	5.5	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.15	ppbv		ND	4.4	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.48	ppbv		ND	5.9	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.056	ppbv		ND	1.1	0.38	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	0.56	0.80	0.23	ppbv	J	2.1	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.62	ppbv		ND	4.5	3.5	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.28	ppbv		ND	2.0	0.72	ug/m3
108-05-4	86	Vinyl Acetate	0.54	0.80	0.45	ppbv	J	1.9	2.8	1.6	ug/m3
1330-20-7	106.2	Xylenes (total)	0.67	0.80	0.31	ppbv	J	2.9	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		65-128%

(a) Associated ICV/CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log



AIR CHAIN OF CUSTODY

PAGE 1 OF 1

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200
www.sgs.com/ghsusa

AIR

FED-EX Tracking #		Bottle Order Control	
SGS Quote #		SGS Job #	
REGION 8 START - TETRA TECH		K2-071624-9	
1560 BROADWAY SUITE 1400		JD97727	
DENVER CO 80002			
Project Contact: STEVE ESREY R8START.LABREPORTS@TETRATECH.COM MICRO			
Phone # 303-312-8837			
Fax #			
Sampler(s) Name(s): JIMI GORDON			
Project Name: LEWISTOWN VA CLINIC			
Street: 629 E. MAIN ST			
City: LEWISTOWN			
State: MT			
Project # 103X903523F0060240702			
Client Purchase Order # SGS-40			
Weather Parameters		Requested Analysis	
Temperature (Fahrenheit)		TO-15	
Start: 46°F Maximum: 46°F		MASS APH	
Stop: 43°F Minimum: 43°F			
Atmospheric Pressure (inches of Hg)			
Start:			
Stop:			
Other weather comment: CLEAR			
Start Sampling Information		Stop Sampling Information	
Date		Date	
Time (24hr clock)		Time (24hr clock)	
Canister Pressure (H ₂ O)		Canister Pressure (H ₂ O)	
Interior Temp (F)		Interior Temp (F)	
Sampler Init.		Sampler Init.	
Initial Assessment		Label Verification	
Turnaround Time (Business days)		Data Deliverable Information	
Standard - 15 Days		All NJDEP TO-15 is Mandatory Full T1	
10 Day		Comm A	
5 Day		Comm B	
3 Day		Reduced T2	
2 Day		Full T1	
1 Day		Other: LEVEL II AND IV SCRIBE RE V3.3EDD	
Other		DKOP reporting	
Approved By: NATALIE THOMPSON		SAMPLES TO BE ANALYZED SENT IN TWO BOXES:	
Date:		- SAMPLES IN BOX 1 OF 2	
		- SAMPLES IN BOX 2 OF 2	
Sample Custody must be documented below each time samples change possession, including courier delivery.		Sample inventory is verified upon receipt in the Laboratory.	
Relinquished By: 1 [Signature]		Relinquished By: 2 [Signature]	
Date Time: 10/07/24 10:00		Date Time: 10/07/24 16:00	
Received By: 3 [Signature]		Received By: 4 [Signature]	
Date Time: 10/07/24 10:00		Date Time: 10/07/24 16:00	
Relinquished By: 5 [Signature]		Relinquished By: 6 [Signature]	
Date Time: 10/07/24 10:00		Date Time: 10/07/24 16:00	
Received By: 7 [Signature]		Received By: 8 [Signature]	
Date Time: 10/07/24 10:00		Date Time: 10/07/24 16:00	

5.1

5

Form:SM088-03D (revised 2-12-18)

<http://www.sgs.com/ghsusa>

JD97727: Chain of Custody

Page 1 of 3



40 of 141

JD97727

SGS Sample Receipt Summary

Job Number: JD97727 Client: TETRA TECH Project: R8 START: LEWISTOWN VA CLINIC, LE
Date / Time Received: 10/7/2024 4:00:00 PM Delivery Method: SGS Airbill #s:

Cooler Temps (Raw Measured) °C:

Cooler Temps (Corrected) °C:

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☒		☐	3. COC Present:	☒		☐
2. Custody Seals Intact:	☒		☐	4. Smpl Dates/Time OK	☒		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☐		☐
2. Cooler temp verification:			N/A
3. Cooler media:			N/A
4. No. Coolers:			N/A

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☒	☐
2. Trip Blank listed on COC:	☐		☒	☐
3. Samples preserved properly:	☒		☐	
4. VOCs headspace free:	☐		☐	☒

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☒		☐
2. Container labeling complete:	☒		☐
3. Sample container label / COC agree:	☒		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☒		☐
2. All containers accounted for:	☒		☐
3. Condition of sample:			Intact

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☒		☐	
2. Bottles received for unspecified tests	☐		☒	
3. Sufficient volume recvd for analysis:	☒		☐	
4. Compositing instructions clear:	☐		☐	☒
5. Filtering instructions clear:	☐		☐	☒

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

Job Change Order: JD97727

Requested Date:	11/4/2024	Received Date:	10/7/2024
Account Name:	Tetra Tech	Due Date:	11/4/2024
Project Description:	R8 START: Lewistown VA Clinic, Lewistown, Mo		
C/O Initiated By:	CARIN_FER	PM:	CF
		TAT (Days):	6

=====

Sample #:	JD97727-5	Dept:	
Client ID:	LV-02-SV-G-00-20241004	TAT:	6
Change:	Change ID to LV-02-SV-G-00-06-20241004		

=====

Sample #:	JD97727-6	Dept:	
Client ID:	LV-01-SV-G-00-20241004	TAT:	6
Change:	Change ID to LV-01-SV-G-00-12-20241004		

Above Changes Per: Kiera Johnson Date/Time: 11/4/2024

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Page 1 of 1

Summa Canister and Flow Controller Log

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana
Received: 10/07/24

SUMMA CANISTERS													
Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A323	6	29.5	10/02/24	JT	CP128823W88890.D		JD97727-1	10/11/24	RC	7.5			1
A2049	6	29.5	10/02/24	JT	CP128753W88854.D		JD97727-2	10/11/24	WC	9.5		1.1	1.58
A738	6	29.5	10/02/24	JT	CP128823W88890.D		JD97727-3	10/11/24	RC	7			1
A190	6	29.5	10/02/24	JT	CP128773W88924.D		JD97727-4	10/11/24	WC	10.5		1	1.65
A1866	6	29.5	10/02/24	JT	CP128507W08156.D		JD97727-5	10/11/24	RC	7			1
A995	6	29.5	10/02/24	JT	CP128517W08158.D		JD97727-6	10/11/24	RC	5			1

FLOW CONTROLLERS / OTHER										
Shipping					Receiving					
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min	Flow RPD	Equipment Type	
FC731	10/02/24	JT	166	.5	10/10/24	RC	160	3.7	Flow Controller	
FC1027	10/02/24	JT	10.3	8	10/10/24	RC	12.5	19.3	Flow Controller	
FC1135	10/02/24	JT	10.5	8	10/10/24	RC	10.5	0	Flow Controller	
FC1149	10/02/24	JT	167	.5	10/10/24	RC	180	7.5	Flow Controller	
FC1166	10/02/24	JT	10.4	8	10/10/24	RC	10.3	1	Flow Controller	
FC1359	10/02/24	JT	10.4	8	10/10/24	RC	10.6	1.9	Flow Controller	

SGS Bottle Order(s):
KR-092624-9

Prep Date Room Temp(F) Bar Pres "Hg
10/02/24 70 29.92

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W3081-MB	2W67635.D	1	10/11/24	WC	n/a	n/a	V2W3081

The QC reported here applies to the following samples:

Method: MADEP APH

JD97727-1, JD97727-2, JD97727-3, JD97727-4, JD97727-5, JD97727-6

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.40	0.070	ppbv		ND	1.3	ug/m3
106-99-0	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	ug/m3
100-41-4	Ethylbenzene	ND	0.40	0.060	ppbv		ND	1.7	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	ug/m3
91-20-3	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	ug/m3
108-88-3	Toluene	ND	0.40	0.059	ppbv		ND	1.5	ug/m3
95-47-6	m,p-Xylene	ND	0.40	0.19	ppbv		ND	1.7	ug/m3
	o-Xylene	ND	0.40	0.064	ppbv		ND	1.7	ug/m3
	C5- C8 Aliphatics (Unadj.)	ND	2.4	0.40	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (Unadj.)	ND	2.4	0.56	ppbv		ND	14	ug/m3
	C5- C8 Aliphatics (APH)	ND	2.4	0.078	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (APH)	ND	2.4	0.088	ppbv		ND	14	ug/m3
	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	96% 70-130%

Method Blank Summary

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W3066-MB	2W67471.D	1	08/15/24	WC	n/a	n/a	V2W3066

The QC reported here applies to the following samples:

Method: MADEP APH

V2W3066-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.40	0.070	ppbv		ND	1.3	ug/m3
106-99-0	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	ug/m3
100-41-4	Ethylbenzene	ND	0.40	0.060	ppbv		ND	1.7	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	ug/m3
91-20-3	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	ug/m3
108-88-3	Toluene	ND	0.40	0.059	ppbv		ND	1.5	ug/m3
95-47-6	m,p-Xylene	ND	0.40	0.19	ppbv		ND	1.7	ug/m3
	o-Xylene	ND	0.40	0.064	ppbv		ND	1.7	ug/m3
	C5- C8 Aliphatics (Unadj.)	ND	2.4	0.40	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (Unadj.)	ND	2.4	0.56	ppbv		ND	14	ug/m3
	C5- C8 Aliphatics (APH)	ND	2.4	0.078	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (APH)	ND	2.4	0.088	ppbv		ND	14	ug/m3
	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	89% 70-130%

Method Blank Summary

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W3078-MB	2W67598.D	1	09/27/24	WC	n/a	n/a	V2W3078

The QC reported here applies to the following samples: Method: MADEP APH

V2W3078-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.40	0.070	ppbv		ND	1.3	ug/m3
106-99-0	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	ug/m3
100-41-4	Ethylbenzene	ND	0.40	0.060	ppbv		ND	1.7	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	ug/m3
91-20-3	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	ug/m3
108-88-3	Toluene	ND	0.40	0.059	ppbv		ND	1.5	ug/m3
95-47-6	m,p-Xylene	ND	0.40	0.19	ppbv		ND	1.7	ug/m3
	o-Xylene	ND	0.40	0.064	ppbv		ND	1.7	ug/m3
	C5- C8 Aliphatics (Unadj.)	ND	2.4	0.40	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (Unadj.)	ND	2.4	0.56	ppbv		ND	14	ug/m3
	C5- C8 Aliphatics (APH)	ND	2.4	0.078	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (APH)	ND	2.4	0.088	ppbv		ND	14	ug/m3
	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	94% 70-130%

Method Blank Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3520-MB	3W89170.D	1	10/13/24	BK	n/a	n/a	V3W3520

The QC reported here applies to the following samples:

Method: TO-15

JD97727-1, JD97727-2, JD97727-3, JD97727-4

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3

Method Blank Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3520-MB	3W89170.D	1	10/13/24	BK	n/a	n/a	V3W3520

The QC reported here applies to the following samples:

Method: TO-15

JD97727-1, JD97727-2, JD97727-3, JD97727-4

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-63-0	Isopropyl Alcohol	0.21	0.20	0.14	ppbv		0.52	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	93% 65-128%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	3.83	62	ppbv	J
	Total TIC, Volatile		0	ppbv	

Method Blank Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W361-MB	7W09696.D	1	10/15/24	TCH	n/a	n/a	V7W361

The QC reported here applies to the following samples:

Method: TO-15

JD97727-1, JD97727-2, JD97727-3, JD97727-4, JD97727-5, JD97727-6

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Method Blank Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W361-MB	7W09696.D	1	10/15/24	TCH	n/a	n/a	V7W361

The QC reported here applies to the following samples:

Method: TO-15

JD97727-1, JD97727-2, JD97727-3, JD97727-4, JD97727-5, JD97727-6

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	87% 65-128%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	1.61	8.5	ppbv	J
	Total TIC, Volatile		0	ppbv	

Method Blank Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W309-MB	7W08092.D	1	08/22/24	TCH	n/a	n/a	V7W309

The QC reported here applies to the following samples:

Method: TO-15

V7W309-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Method Blank Summary

Page 2 of 2

Job Number: JD97727**Account:** TTCOD Tetra Tech**Project:** R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W309-MB	7W08092.D	1	08/22/24	TCH	n/a	n/a	V7W309

The QC reported here applies to the following samples:**Method:** TO-15

V7W309-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	97% 65-128%

Method Blank Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W310-MB	7W08129.D	1	08/23/24	TCH	n/a	n/a	V7W310

The QC reported here applies to the following samples:

Method: TO-15

V7W310-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Method Blank Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W310-MB	7W08129.D	1	08/23/24	TCH	n/a	n/a	V7W310

The QC reported here applies to the following samples:

Method: TO-15

V7W310-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	99% 65-128%

Method Blank Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3505-MB	3W88850.D	1	09/22/24	BK	n/a	n/a	V3W3505

The QC reported here applies to the following samples:

Method: TO-15

V3W3505-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Method Blank Summary

Page 2 of 2

Job Number: JD97727**Account:** TTCOD Tetra Tech**Project:** R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3505-MB	3W88850.D	1	09/22/24	BK	n/a	n/a	V3W3505

The QC reported here applies to the following samples:**Method:** TO-15

V3W3505-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	107% 65-128%

Method Blank Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W339-MB	7W09103.D	1	09/23/24	TCH	n/a	n/a	V7W339

The QC reported here applies to the following samples:

Method: TO-15

V7W339-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Method Blank Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W339-MB	7W09103.D	1	09/23/24	TCH	n/a	n/a	V7W339

The QC reported here applies to the following samples:

Method: TO-15

V7W339-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	95% 65-128%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	system artifact	1.60	13	ppbv	J
	Total TIC, Volatile		0	ppbv	

Method Blank Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3506-MB	3W88870.D	1	09/23/24	WC	n/a	n/a	V3W3506

The QC reported here applies to the following samples:

Method: TO-15

V3W3506-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Method Blank Summary

Page 2 of 2

Job Number: JD97727**Account:** TTCOD Tetra Tech**Project:** R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3506-MB	3W88870.D	1	09/23/24	WC	n/a	n/a	V3W3506

The QC reported here applies to the following samples:**Method:** TO-15

V3W3506-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	106% 65-128%

Method Blank Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3508-MB	3W88912.D	1	09/25/24	WC	n/a	n/a	V3W3508

The QC reported here applies to the following samples:

Method: TO-15

V3W3508-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Method Blank Summary

Page 2 of 2

Job Number: JD97727**Account:** TTCOD Tetra Tech**Project:** R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3508-MB	3W88912.D	1	09/25/24	WC	n/a	n/a	V3W3508

The QC reported here applies to the following samples:**Method:** TO-15

V3W3508-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	92% 65-128%

Method Blank Summary

Page 1 of 1

Job Number: JD97727**Account:** TTCOD Tetra Tech**Project:** R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1398-MB	6W33671.D	1	10/16/24	BK	n/a	n/a	V6W1398

The QC reported here applies to the following samples:**Method:** TO-15 (BY SIM)

JD97727-1, JD97727-2, JD97727-3, JD97727-4

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.010	0.0037	ppbv		ND	0.032	ug/m3
75-27-4	Bromodichloromethane	ND	0.0050	0.0010	ppbv		ND	0.033	ug/m3
67-66-3	Chloroform	ND	0.0050	0.00060	ppbv		ND	0.024	ug/m3
56-23-5	Carbon tetrachloride	ND	0.0050	0.0016	ppbv		ND	0.031	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.0010	ppbv		ND	0.0079	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.0050	0.0011	ppbv		ND	0.038	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.0050	0.0014	ppbv		ND	0.020	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.0050	0.0014	ppbv		ND	0.023	ug/m3
124-48-1	Dibromochloromethane	ND	0.0050	0.00060	ppbv		ND	0.043	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.0050	0.0017	ppbv		ND	0.023	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.0020	0.00060	ppbv		ND	0.012	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.0050	0.00090	ppbv		ND	0.023	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00090	ppbv		ND	0.011	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0050	0.0010	ppbv		ND	0.034	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.0050	0.0014	ppbv		ND	0.027	ug/m3
127-18-4	Tetrachloroethylene	ND	0.0050	0.0012	ppbv		ND	0.034	ug/m3
79-01-6	Trichloroethylene	ND	0.0050	0.00095	ppbv		ND	0.027	ug/m3
75-01-4	Vinyl chloride	ND	0.0020	0.00056	ppbv		ND	0.0051	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	99% 65-128%

Method Blank Summary

Page 1 of 1

Job Number: JD97727**Account:** TTCOD Tetra Tech**Project:** R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1388-MB	6W33421.D	1	09/25/24	BK	n/a	n/a	V6W1388

The QC reported here applies to the following samples:**Method:** TO-15 (BY SIM)

V6W1388-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.010	0.0037	ppbv		ND	0.032	ug/m3
75-27-4	Bromodichloromethane	ND	0.0050	0.0010	ppbv		ND	0.033	ug/m3
67-66-3	Chloroform	ND	0.0050	0.00060	ppbv		ND	0.024	ug/m3
56-23-5	Carbon tetrachloride	ND	0.0050	0.0016	ppbv		ND	0.031	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.0010	ppbv		ND	0.0079	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.0050	0.0011	ppbv		ND	0.038	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.0050	0.0014	ppbv		ND	0.020	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.0050	0.0014	ppbv		ND	0.023	ug/m3
124-48-1	Dibromochloromethane	ND	0.0050	0.00060	ppbv		ND	0.043	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.0050	0.0017	ppbv		ND	0.023	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.0020	0.00060	ppbv		ND	0.012	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.0050	0.00090	ppbv		ND	0.023	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00090	ppbv		ND	0.011	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0050	0.0010	ppbv		ND	0.034	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.0050	0.0014	ppbv		ND	0.027	ug/m3
127-18-4	Tetrachloroethylene	ND	0.0050	0.0012	ppbv		ND	0.034	ug/m3
79-01-6	Trichloroethylene	ND	0.0050	0.00095	ppbv		ND	0.027	ug/m3
75-01-4	Vinyl chloride	ND	0.0020	0.00056	ppbv		ND	0.0051	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	99% 65-128%

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W3081-BS	2W67632.D	1	10/11/24	WC	n/a	n/a	V2W3081
V2W3081-BSD	2W67633.D	1	10/11/24	WC	n/a	n/a	V2W3081

The QC reported here applies to the following samples:

Method: MADEP APH

JD97727-1, JD97727-2, JD97727-3, JD97727-4, JD97727-5, JD97727-6

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	10	8.8	88	9.7	97	10	70-130/30
106-99-0	1,3-Butadiene	10	7.0	70	7.7	77	10	70-130/30
100-41-4	Ethylbenzene	10	9.1	91	9.8	98	7	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	7.0	70	7.7	77	10	70-130/30
91-20-3	Naphthalene	10	8.4	84	8.9	89	6	50-150/30
108-88-3	Toluene	10	9.3	93	10.2	102	9	70-130/30
95-47-6	m,p-Xylene	20	17.7	89	19.3	97	9	70-130/30
	o-Xylene	10	9.2	92	9.8	98	6	70-130/30
	C5- C8 Aliphatics (APH)	60	53.0	88	57.3	96	8	70-130/30
	C9- C12 Aliphatics (APH)	60	55.2	92	59.4	99	7	70-130/30
	C9- C10 Aromatics (APH)	50	45.7	91	49.2	98	7	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	98%	98%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W3066-BS	2W67468.D	1	08/15/24	WC	n/a	n/a	V2W3066
V2W3066-BSD	2W67469.D	1	08/15/24	WC	n/a	n/a	V2W3066

The QC reported here applies to the following samples: Method: MADEP APH

V2W3066-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	10	8.7	87	9.0	90	3	70-130/30
106-99-0	1,3-Butadiene	10	9.2	92	9.0	90	2	70-130/30
100-41-4	Ethylbenzene	10	10.2	102	10.4	104	2	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	8.5	85	9.1	91	7	70-130/30
91-20-3	Naphthalene	10	10.9	109	12.0	120	10	50-150/30
108-88-3	Toluene	10	9.8	98	10.2	102	4	70-130/30
95-47-6	m,p-Xylene	20	19.5	98	20.1	101	3	70-130/30
	o-Xylene	10	10.2	102	10.4	104	2	70-130/30
	C5- C8 Aliphatics (APH)	60	58.2	97	59.5	99	2	70-130/30
	C9- C12 Aliphatics (APH)	60	65.0	108	68.7	115	6	70-130/30
	C9- C10 Aromatics (APH)	50	50.9	102	52.7	105	3	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	90%	91%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W3078-BS	2W67595.D	1	09/27/24	WC	n/a	n/a	V2W3078
V2W3078-BSD	2W67596.D	1	09/27/24	WC	n/a	n/a	V2W3078

The QC reported here applies to the following samples: Method: MADEP APH

V2W3078-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	10	9.6	96	9.4	94	2	70-130/30
106-99-0	1,3-Butadiene	10	8.2	82	7.9	79	4	70-130/30
100-41-4	Ethylbenzene	10	10.2	102	10.1	101	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	8.3	83	8.1	81	2	70-130/30
91-20-3	Naphthalene	10	11.6	116	10.2	102	13	50-150/30
108-88-3	Toluene	10	10.5	105	10.4	104	1	70-130/30
95-47-6	m,p-Xylene	20	20.2	101	19.8	99	2	70-130/30
	o-Xylene	10	10.5	105	10.1	101	4	70-130/30
	C5- C8 Aliphatics (APH)	60	61.2	102	59.4	99	3	70-130/30
	C9- C12 Aliphatics (APH)	60	66.6	111	61.6	103	8	70-130/30
	C9- C10 Aromatics (APH)	50	54.5	109	52.0	104	5	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	97%	97%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3520-BS	3W89162.D	1	10/12/24	BK	n/a	n/a	V3W3520
V3W3520-BSD	3W89163.D	1	10/12/24	BK	n/a	n/a	V3W3520

The QC reported here applies to the following samples:

Method: TO-15

JD97727-1, JD97727-2, JD97727-3, JD97727-4

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	11	10.7	97	11.3	103	5	70-130/30
75-27-4	Bromodichloromethane	10.5	9.9	94	10.6	101	7	70-130/30
75-25-2	Bromoform	10.7	11.1	104	11.3	106	2	70-130/30
74-83-9	Bromomethane	10.5	10.2	97	10.5	100	3	70-130/30
100-44-7	Benzyl Chloride	10.4	10.7	103	10.9	105	2	70-130/30
75-15-0	Carbon disulfide	10.6	11.2	106	11.5	108	3	70-130/30
108-90-7	Chlorobenzene	10.8	11.0	102	10.9	101	1	70-130/30
75-00-3	Chloroethane	10.4	10.2	98	10.6	102	4	70-130/30
67-66-3	Chloroform	10.8	10.6	98	10.9	101	3	70-130/30
74-87-3	Chloromethane	10.4	11.9	114	12.5	120	5	70-130/30
56-23-5	Carbon tetrachloride	10.8	9.1	84	9.7	90	6	70-130/30
110-82-7	Cyclohexane	10.9	11.2	103	11.5	106	3	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	10.5	98	11.1	104	6	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	11.0	100	11.2	102	2	70-130/30
107-06-2	1,2-Dichloroethane	10.9	9.2	84	9.5	87	3	70-130/30
78-87-5	1,2-Dichloropropane	10.5	9.8	93	10.2	97	4	70-130/30
123-91-1	1,4-Dioxane	10.5	9.6	91	10	95	4	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	11.0	104	11.8	111	7	70-130/30
124-48-1	Dibromochloromethane	10.5	9.9	94	10.2	97	3	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.5	10.7	102	11.2	107	5	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.7	10.8	101	11.2	105	4	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.7	10.3	96	10.8	101	5	70-130/30
541-73-1	m-Dichlorobenzene	10.4	10.8	104	10.9	105	1	70-130/30
95-50-1	o-Dichlorobenzene	10.7	11.0	103	11.1	104	1	70-130/30
106-46-7	p-Dichlorobenzene	10.9	10.8	99	11.3	104	5	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10.2	9.3	91	9.7	95	4	70-130/30
100-41-4	Ethylbenzene	11	10.5	95	10.6	96	1	70-130/30
141-78-6	Ethyl Acetate	10.8	11.7	108	11.6	107	1	70-130/30
622-96-8	4-Ethyltoluene	10.9	11.3	104	11.4	105	1	70-130/30
76-13-1	Freon 113	10.6	10.0	94	10.4	98	4	70-130/30
76-14-2	Freon 114	11	11.4	104	12.2	111	7	70-130/30
142-82-5	Heptane	11	9.8	89	10.3	94	5	70-130/30
87-68-3	Hexachlorobutadiene	10.8	10.2	94	10.6	98	4	70-130/30
110-54-3	Hexane	10.8	10.7	99	10.9	101	2	70-130/30
591-78-6	2-Hexanone	10.6	11.0	104	11.1	105	1	70-130/30
98-82-8	Isopropylbenzene	10.6	10.2	96	10.4	98	2	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3520-BS	3W89162.D	1	10/12/24	BK	n/a	n/a	V3W3520
V3W3520-BSD	3W89163.D	1	10/12/24	BK	n/a	n/a	V3W3520

The QC reported here applies to the following samples:

Method: TO-15

JD97727-1, JD97727-2, JD97727-3, JD97727-4

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-63-0	Isopropyl Alcohol	10.6	8.7	82	9.2	87	6	70-130/30
75-09-2	Methylene chloride	10.5	10.4	99	10.9	104	5	70-130/30
78-93-3	Methyl ethyl ketone	10.8	12.1	112	12.9	119	6	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.8	10.7	99	11.0	102	3	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.8	10.1	94	10.4	96	3	70-130/30
91-20-3	Naphthalene	10.9	11.4	105	11.6	106	2	70-130/30
115-07-1	Propylene	10.9	11.4	105	11.9	109	4	70-130/30
100-42-5	Styrene	11	11.4	104	11.2	102	2	70-130/30
71-55-6	1,1,1-Trichloroethane	10.8	9.8	91	10.1	94	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10.9	11.7	107	12.0	110	3	70-130/30
79-00-5	1,1,2-Trichloroethane	10.7	10.9	102	11.8	110	8	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10.9	11.0	101	11.1	102	1	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11	11.3	103	11.4	104	1	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.9	10.8	99	11.1	102	3	70-130/30
127-18-4	Tetrachloroethylene	10.9	10.2	94	10.5	96	3	70-130/30
109-99-9	Tetrahydrofuran	10.5	11.8	112	12.2	116	3	70-130/30
108-88-3	Toluene	10.6	10.1	95	10.8	102	7	70-130/30
79-01-6	Trichloroethylene	10.5	10.0	95	10.7	102	7	70-130/30
75-69-4	Trichlorofluoromethane	10.6	9.1	86	9.4	89	3	70-130/30
75-01-4	Vinyl chloride	10.3	10.7	104	11.4	111	6	70-130/30
108-05-4	Vinyl Acetate	10.4	10.5	101	10.9	105	4	70-130/30
1330-20-7	Xylenes (total)	32.3	31.0	96	31.7	98	2	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	101%	104%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W361-BS	7W09693.D	1	10/15/24	TCH	n/a	n/a	V7W361
V7W361-BSD	7W09694.D	1	10/15/24	TCH	n/a	n/a	V7W361

The QC reported here applies to the following samples:

Method: TO-15

JD97727-1, JD97727-2, JD97727-3, JD97727-4, JD97727-5, JD97727-6

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.3	8.0	78	8.0	78	0	70-130/30
71-43-2	Benzene	11	11.0	100	10.8	98	2	70-130/30
75-27-4	Bromodichloromethane	10.5	10.4	99	10.3	98	1	70-130/30
75-25-2	Bromoform	10.7	12.4	116	12.3	115	1	70-130/30
74-83-9	Bromomethane	10.5	8.4	80	8.4	80	0	70-130/30
100-44-7	Benzyl Chloride	10.4	22.0	212* a	21.9	211* a	0	70-130/30
75-15-0	Carbon disulfide	10.6	8.6	81	8.3	78	4	70-130/30
108-90-7	Chlorobenzene	10.8	10.7	99	10.6	98	1	70-130/30
75-00-3	Chloroethane	10.4	8.8	85	8.8	85	0	70-130/30
67-66-3	Chloroform	10.8	10.1	94	9.9	92	2	70-130/30
74-87-3	Chloromethane	10.4	7.8	75	7.7	74	1	70-130/30
56-23-5	Carbon tetrachloride	10.8	11.3	105	11.1	103	2	70-130/30
110-82-7	Cyclohexane	10.9	11.0	101	10.9	100	1	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	9.2	86	9.1	85	1	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	11.5	105	11.4	104	1	70-130/30
107-06-2	1,2-Dichloroethane	10.9	9.7	89	9.5	87	2	70-130/30
78-87-5	1,2-Dichloropropane	10.5	10.9	104	10.8	103	1	70-130/30
123-91-1	1,4-Dioxane	10.5	10.5	100	10.5	100	0	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	9.0	85	8.8	83	2	70-130/30
124-48-1	Dibromochloromethane	10.5	11.3	108	11.2	107	1	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.5	10.2	97	9.4	90	8	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.7	11.1	104	10.9	102	2	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.7	12.0	112	11.9	111	1	70-130/30
541-73-1	m-Dichlorobenzene	10.4	10.8	104	10.8	104	0	70-130/30
95-50-1	o-Dichlorobenzene	10.7	10.9	102	10.8	101	1	70-130/30
106-46-7	p-Dichlorobenzene	10.9	11.1	102	11.1	102	0	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10.2	12.0	118	11.9	117	1	70-130/30
100-41-4	Ethylbenzene	11	10.6	96	10.5	95	1	70-130/30
141-78-6	Ethyl Acetate	10.8	10.7	99	10.5	97	2	70-130/30
622-96-8	4-Ethyltoluene	10.9	11.2	103	11.3	104	1	70-130/30
76-13-1	Freon 113	10.6	8.6	81	8.3	78	4	70-130/30
76-14-2	Freon 114	11	9.0	82	8.9	81	1	70-130/30
142-82-5	Heptane	11	10.2	93	10.2	93	0	70-130/30
87-68-3	Hexachlorobutadiene	10.8	11.1	103	11.2	104	1	70-130/30
110-54-3	Hexane	10.8	10	93	9.9	92	1	70-130/30
591-78-6	2-Hexanone	10.6	9.3	88	9.3	88	0	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W361-BS	7W09693.D	1	10/15/24	TCH	n/a	n/a	V7W361
V7W361-BSD	7W09694.D	1	10/15/24	TCH	n/a	n/a	V7W361

The QC reported here applies to the following samples:

Method: TO-15

JD97727-1, JD97727-2, JD97727-3, JD97727-4, JD97727-5, JD97727-6

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
98-82-8	Isopropylbenzene	10.6	10.7	101	10.6	100	1	70-130/30
67-63-0	Isopropyl Alcohol	10.6	8.1	76	8.0	75	1	70-130/30
75-09-2	Methylene chloride	10.5	8.1	77	7.8	74	4	70-130/30
78-93-3	Methyl ethyl ketone	10.8	11.4	106	11.0	102	4	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.8	10	93	9.9	92	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.8	11.3	105	10.9	101	4	70-130/30
91-20-3	Naphthalene	10.9	10.2	94	10.5	96	3	70-130/30
115-07-1	Propylene	10.9	10.8	99	10.7	98	1	70-130/30
100-42-5	Styrene	11	11.4	104	11.2	102	2	70-130/30
71-55-6	1,1,1-Trichloroethane	10.8	11.0	102	10.7	99	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10.9	11.1	102	11.0	101	1	70-130/30
79-00-5	1,1,2-Trichloroethane	10.7	10.9	102	10.8	101	1	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10.9	11.2	103	11.4	105	2	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11	10.7	97	10.7	97	0	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.9	10.9	100	10.8	99	1	70-130/30
127-18-4	Tetrachloroethylene	10.9	11.3	104	11.4	105	1	70-130/30
109-99-9	Tetrahydrofuran	10.5	11.1	106	11.0	105	1	70-130/30
108-88-3	Toluene	10.6	10.4	98	10.3	97	1	70-130/30
79-01-6	Trichloroethylene	10.5	10.1	96	10.1	96	0	70-130/30
75-69-4	Trichlorofluoromethane	10.6	8.3	78	8.1	76	2	70-130/30
75-01-4	Vinyl chloride	10.3	8.8	85	8.9	86	1	70-130/30
108-05-4	Vinyl Acetate	10.4	11.7	113	11.4	110	3	70-130/30
1330-20-7	Xylenes (total)	32.3	30.8	95	30.6	95	1	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	94%	95%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W309-BS	7W08089.D	1	08/22/24	TCH	n/a	n/a	V7W309
V7W309-BSD	7W08090.D	1	08/22/24	TCH	n/a	n/a	V7W309

The QC reported here applies to the following samples:

Method: TO-15

V7W309-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.3	10.5	102	10.3	100	2	70-130/30
71-43-2	Benzene	11	10.7	97	10.5	95	2	70-130/30
75-27-4	Bromodichloromethane	10.5	11.3	108	11.1	106	2	70-130/30
75-25-2	Bromoform	10.7	12.0	112	11.8	110	2	70-130/30
74-83-9	Bromomethane	10.5	11.7	111	11.4	109	3	70-130/30
100-44-7	Benzyl Chloride	10.4	16.1	155* a	16.2	156* a	1	70-130/30
75-15-0	Carbon disulfide	10.6	12.6	119	12.2	115	3	70-130/30
108-90-7	Chlorobenzene	10.8	10.6	98	10.4	96	2	70-130/30
75-00-3	Chloroethane	10.4	12.0	115	11.6	112	3	70-130/30
67-66-3	Chloroform	10.8	11.0	102	10.7	99	3	70-130/30
74-87-3	Chloromethane	10.4	10.9	105	10.9	105	0	70-130/30
56-23-5	Carbon tetrachloride	10.8	11.7	108	11.7	108	0	70-130/30
110-82-7	Cyclohexane	10.9	11.1	102	10.8	99	3	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	12.3	115	12.0	112	2	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	11.6	105	11.3	103	3	70-130/30
107-06-2	1,2-Dichloroethane	10.9	10.9	100	10.7	98	2	70-130/30
78-87-5	1,2-Dichloropropane	10.5	10.7	102	10.5	100	2	70-130/30
123-91-1	1,4-Dioxane	10.5	10.4	99	10.2	97	2	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	11.9	112	11.3	107	5	70-130/30
124-48-1	Dibromochloromethane	10.5	11.7	111	11.6	110	1	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.5	11.3	108	11.7	111	3	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.7	11.0	103	10.7	100	3	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.7	11.7	109	11.7	109	0	70-130/30
541-73-1	m-Dichlorobenzene	10.4	10.3	99	10.2	98	1	70-130/30
95-50-1	o-Dichlorobenzene	10.7	10.5	98	10.5	98	0	70-130/30
106-46-7	p-Dichlorobenzene	10.9	10.7	98	10.6	97	1	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10.2	11.6	114	11.5	113	1	70-130/30
100-41-4	Ethylbenzene	11	10.4	95	10.3	94	1	70-130/30
141-78-6	Ethyl Acetate	10.8	10.8	100	10.7	99	1	70-130/30
622-96-8	4-Ethyltoluene	10.9	10.7	98	10.6	97	1	70-130/30
76-13-1	Freon 113	10.6	12.5	118	12.2	115	2	70-130/30
76-14-2	Freon 114	11	13.0	118	12.7	115	2	70-130/30
142-82-5	Heptane	11	10.6	96	10.3	94	3	70-130/30
87-68-3	Hexachlorobutadiene	10.8	10.8	100	10.7	99	1	70-130/30
110-54-3	Hexane	10.8	10.3	95	9.9	92	4	70-130/30
591-78-6	2-Hexanone	10.6	9.7	92	9.5	90	2	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W309-BS	7W08089.D	1	08/22/24	TCH	n/a	n/a	V7W309
V7W309-BSD	7W08090.D	1	08/22/24	TCH	n/a	n/a	V7W309

The QC reported here applies to the following samples:

Method: TO-15

V7W309-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
98-82-8	Isopropylbenzene	10.6	10.4	98	10.3	97	1	70-130/30
67-63-0	Isopropyl Alcohol	10.6	11.4	108	11.1	105	3	70-130/30
75-09-2	Methylene chloride	10.5	10.9	104	10.7	102	2	70-130/30
78-93-3	Methyl ethyl ketone	10.8	11.3	105	11.0	102	3	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.8	10.3	95	10.1	94	2	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.8	11.8	109	11.7	108	1	70-130/30
91-20-3	Naphthalene	10.9	10.2	94	10.3	94	1	70-130/30
115-07-1	Propylene	10.9	10.1	93	9.9	91	2	70-130/30
100-42-5	Styrene	11	10.9	99	10.8	98	1	70-130/30
71-55-6	1,1,1-Trichloroethane	10.8	11.4	106	11.2	104	2	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10.9	10.9	100	10.8	99	1	70-130/30
79-00-5	1,1,2-Trichloroethane	10.7	11.1	104	10.8	101	3	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10.9	10.8	99	10.8	99	0	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11	10.7	97	10.6	96	1	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.9	10.5	96	10.5	96	0	70-130/30
127-18-4	Tetrachloroethylene	10.9	10.5	96	10.3	94	2	70-130/30
109-99-9	Tetrahydrofuran	10.5	11.2	107	11.1	106	1	70-130/30
108-88-3	Toluene	10.6	10.5	99	10.3	97	2	70-130/30
79-01-6	Trichloroethylene	10.5	10.5	100	10.3	98	2	70-130/30
75-69-4	Trichlorofluoromethane	10.6	12.0	113	11.8	111	2	70-130/30
75-01-4	Vinyl chloride	10.3	11.7	114	11.4	111	3	70-130/30
108-05-4	Vinyl Acetate	10.4	10.9	105	10.8	104	1	70-130/30
1330-20-7	Xylenes (total)	32.3	30.7	95	30.3	94	1	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	97%	99%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W310-BS	7W08125.D	1	08/23/24	TCH	n/a	n/a	V7W310
V7W310-BSD	7W08126.D	1	08/23/24	TCH	n/a	n/a	V7W310

The QC reported here applies to the following samples:

Method: TO-15

V7W310-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.3	10.6	103	10.3	100	3	70-130/30
71-43-2	Benzene	11	10.8	98	10.6	96	2	70-130/30
75-27-4	Bromodichloromethane	10.5	11.5	110	11.3	108	2	70-130/30
75-25-2	Bromoform	10.7	12.4	116	12.0	112	3	70-130/30
74-83-9	Bromomethane	10.5	11.6	110	11.5	110	1	70-130/30
100-44-7	Benzyl Chloride	10.4	16.8	162* a	16.7	161* a	1	70-130/30
75-15-0	Carbon disulfide	10.6	12.5	118	12.3	116	2	70-130/30
108-90-7	Chlorobenzene	10.8	10.7	99	10.6	98	1	70-130/30
75-00-3	Chloroethane	10.4	11.8	113	11.6	112	2	70-130/30
67-66-3	Chloroform	10.8	11.0	102	10.9	101	1	70-130/30
74-87-3	Chloromethane	10.4	11.1	107	11.0	106	1	70-130/30
56-23-5	Carbon tetrachloride	10.8	12.1	112	12.0	111	1	70-130/30
110-82-7	Cyclohexane	10.9	11.0	101	10.9	100	1	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	12.2	114	11.8	110	3	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	11.6	105	11.5	105	1	70-130/30
107-06-2	1,2-Dichloroethane	10.9	11.0	101	10.9	100	1	70-130/30
78-87-5	1,2-Dichloropropane	10.5	10.8	103	10.7	102	1	70-130/30
123-91-1	1,4-Dioxane	10.5	10.3	98	10.4	99	1	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	11.9	112	11.7	110	2	70-130/30
124-48-1	Dibromochloromethane	10.5	11.8	112	11.8	112	0	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.5	11.1	106	11.0	105	1	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.7	10.9	102	10.8	101	1	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.7	12.1	113	12.1	113	0	70-130/30
541-73-1	m-Dichlorobenzene	10.4	10.2	98	10.1	97	1	70-130/30
95-50-1	o-Dichlorobenzene	10.7	10.5	98	10.3	96	2	70-130/30
106-46-7	p-Dichlorobenzene	10.9	10.6	97	10.5	96	1	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10.2	11.9	117	11.9	117	0	70-130/30
100-41-4	Ethylbenzene	11	10.5	95	10.4	95	1	70-130/30
141-78-6	Ethyl Acetate	10.8	11.1	103	10.9	101	2	70-130/30
622-96-8	4-Ethyltoluene	10.9	10.8	99	10.7	98	1	70-130/30
76-13-1	Freon 113	10.6	12.3	116	12.1	114	2	70-130/30
76-14-2	Freon 114	11	13.0	118	12.7	115	2	70-130/30
142-82-5	Heptane	11	10.8	98	10.7	97	1	70-130/30
87-68-3	Hexachlorobutadiene	10.8	10.6	98	10.4	96	2	70-130/30
110-54-3	Hexane	10.8	10.4	96	10.2	94	2	70-130/30
591-78-6	2-Hexanone	10.6	9.8	92	9.8	92	0	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W310-BS	7W08125.D	1	08/23/24	TCH	n/a	n/a	V7W310
V7W310-BSD	7W08126.D	1	08/23/24	TCH	n/a	n/a	V7W310

The QC reported here applies to the following samples:

Method: TO-15

V7W310-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
98-82-8	Isopropylbenzene	10.6	10.5	99	10.4	98	1	70-130/30
67-63-0	Isopropyl Alcohol	10.6	11.4	108	11.2	106	2	70-130/30
75-09-2	Methylene chloride	10.5	11.0	105	10.7	102	3	70-130/30
78-93-3	Methyl ethyl ketone	10.8	11.1	103	11.0	102	1	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.8	10.3	95	10.4	96	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.8	11.9	110	11.7	108	2	70-130/30
91-20-3	Naphthalene	10.9	10.0	92	10.0	92	0	70-130/30
115-07-1	Propylene	10.9	10.3	94	10.2	94	1	70-130/30
100-42-5	Styrene	11	11.0	100	10.8	98	2	70-130/30
71-55-6	1,1,1-Trichloroethane	10.8	11.4	106	11.3	105	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10.9	11.1	102	10.9	100	2	70-130/30
79-00-5	1,1,2-Trichloroethane	10.7	11.1	104	11.1	104	0	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10.9	10.5	96	10.4	95	1	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11	10.6	96	10.5	95	1	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.9	10.5	96	10.3	94	2	70-130/30
127-18-4	Tetrachloroethylene	10.9	10.5	96	10.5	96	0	70-130/30
109-99-9	Tetrahydrofuran	10.5	11.4	109	11.1	106	3	70-130/30
108-88-3	Toluene	10.6	10.5	99	10.4	98	1	70-130/30
79-01-6	Trichloroethylene	10.5	10.6	101	10.5	100	1	70-130/30
75-69-4	Trichlorofluoromethane	10.6	12.0	113	11.8	111	2	70-130/30
75-01-4	Vinyl chloride	10.3	11.8	115	11.4	111	3	70-130/30
108-05-4	Vinyl Acetate	10.4	11.1	107	10.6	102	5	70-130/30
1330-20-7	Xylenes (total)	32.3	31.0	96	30.7	95	1	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	99%	99%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3505-BS	3W88846.D	1	09/22/24	BK	n/a	n/a	V3W3505
V3W3505-BSD	3W88847.D	1	09/22/24	BK	n/a	n/a	V3W3505

The QC reported here applies to the following samples:

Method: TO-15

V3W3505-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.3	7.7	75	7.5	73	3	70-130/30
71-43-2	Benzene	11	11.5	105	11.4	104	1	70-130/30
75-27-4	Bromodichloromethane	10.5	9.5	90	9.4	90	1	70-130/30
75-25-2	Bromoform	10.7	9.9	93	9.6	90	3	70-130/30
74-83-9	Bromomethane	10.5	10.3	98	9.8	93	5	70-130/30
100-44-7	Benzyl Chloride	10.4	11.9	114	11.3	109	5	70-130/30
75-15-0	Carbon disulfide	10.6	12.5	118	11.9	112	5	70-130/30
108-90-7	Chlorobenzene	10.8	12.1	112	11.5	106	5	70-130/30
75-00-3	Chloroethane	10.4	10.8	104	10.3	99	5	70-130/30
67-66-3	Chloroform	10.8	10.2	94	9.9	92	3	70-130/30
74-87-3	Chloromethane	10.4	9.8	94	9.6	92	2	70-130/30
56-23-5	Carbon tetrachloride	10.8	9.3	86	9.0	83	3	70-130/30
110-82-7	Cyclohexane	10.9	12.0	110	11.9	109	1	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	13.9	130	13.3	124	4	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	12.1	110	11.6	105	4	70-130/30
107-06-2	1,2-Dichloroethane	10.9	8.4	77	8.3	76	1	70-130/30
78-87-5	1,2-Dichloropropane	10.5	10.5	100	10.3	98	2	70-130/30
123-91-1	1,4-Dioxane	10.5	11.3	108	11.3	108	0	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	10.9	103	10.6	100	3	70-130/30
124-48-1	Dibromochloromethane	10.5	10.6	101	10.2	97	4	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.5	11.7	111	11.3	108	3	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.7	12.1	113	11.7	109	3	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.7	11.4	107	11.3	106	1	70-130/30
541-73-1	m-Dichlorobenzene	10.4	11.3	109	10.8	104	5	70-130/30
95-50-1	o-Dichlorobenzene	10.7	11.6	108	11.2	105	4	70-130/30
106-46-7	p-Dichlorobenzene	10.9	11.8	108	11.3	104	4	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10.2	10.1	99	10.2	100	1	70-130/30
100-41-4	Ethylbenzene	11	12.2	111	11.6	105	5	70-130/30
141-78-6	Ethyl Acetate	10.8	12.3	114	11.8	109	4	70-130/30
622-96-8	4-Ethyltoluene	10.9	12.7	117	12.0	110	6	70-130/30
76-13-1	Freon 113	10.6	11.5	108	11.1	105	4	70-130/30
76-14-2	Freon 114	11	11.3	103	11.1	101	2	70-130/30
142-82-5	Heptane	11	9.0	82	8.9	81	1	70-130/30
87-68-3	Hexachlorobutadiene	10.8	12.0	111	11.7	108	3	70-130/30
110-54-3	Hexane	10.8	9.3	86	9.0	83	3	70-130/30
591-78-6	2-Hexanone	10.6	11.3	107	10.8	102	5	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3505-BS	3W88846.D	1	09/22/24	BK	n/a	n/a	V3W3505
V3W3505-BSD	3W88847.D	1	09/22/24	BK	n/a	n/a	V3W3505

The QC reported here applies to the following samples:

Method: TO-15

V3W3505-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
98-82-8	Isopropylbenzene	10.6	11.7	110	11.1	105	5	70-130/30
67-63-0	Isopropyl Alcohol	10.6	9.1	86	8.8	83	3	70-130/30
75-09-2	Methylene chloride	10.5	12.1	115	11.8	112	3	70-130/30
78-93-3	Methyl ethyl ketone	10.8	13.2	122	12.6	117	5	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.8	10.3	95	10.1	94	2	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.8	10.5	97	10.2	94	3	70-130/30
91-20-3	Naphthalene	10.9	13.4	123	13.1	120	2	70-130/30
115-07-1	Propylene	10.9	10.8	99	10.6	97	2	70-130/30
100-42-5	Styrene	11	13.0	118	12.3	112	6	70-130/30
71-55-6	1,1,1-Trichloroethane	10.8	9.3	86	9.1	84	2	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10.9	12.7	117	12.0	110	6	70-130/30
79-00-5	1,1,2-Trichloroethane	10.7	11.3	106	11.2	105	1	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10.9	12.9	118	12.8	117	1	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11	11.8	107	11.4	104	3	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.9	12.1	111	11.4	105	6	70-130/30
127-18-4	Tetrachloroethylene	10.9	12.2	112	11.6	106	5	70-130/30
109-99-9	Tetrahydrofuran	10.5	12.6	120	12.2	116	3	70-130/30
108-88-3	Toluene	10.6	11.1	105	11.0	104	1	70-130/30
79-01-6	Trichloroethylene	10.5	10.6	101	10.6	101	0	70-130/30
75-69-4	Trichlorofluoromethane	10.6	8.0	75	7.8	74	3	70-130/30
75-01-4	Vinyl chloride	10.3	10.2	99	10.1	98	1	70-130/30
108-05-4	Vinyl Acetate	10.4	12.2	117	11.6	112	5	70-130/30
1330-20-7	Xylenes (total)	32.3	36.2	112	34.3	106	5	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	95%	97%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W339-BS	7W09100.D	1	09/23/24	TCH	n/a	n/a	V7W339
V7W339-BSD	7W09101.D	1	09/23/24	TCH	n/a	n/a	V7W339

The QC reported here applies to the following samples:

Method: TO-15

V7W339-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.3	7.6	74	7.6	74	0	70-130/30
71-43-2	Benzene	11	9.7	88	9.7	88	0	70-130/30
75-27-4	Bromodichloromethane	10.5	10.5	100	10.3	98	2	70-130/30
75-25-2	Bromoform	10.7	12.4	116	12.2	114	2	70-130/30
74-83-9	Bromomethane	10.5	8.5	81	8.5	81	0	70-130/30
100-44-7	Benzyl Chloride	10.4	16.4	158* a	16.5	159* a	1	70-130/30
75-15-0	Carbon disulfide	10.6	7.8	74	7.8	74	0	70-130/30
108-90-7	Chlorobenzene	10.8	10.1	94	10.1	94	0	70-130/30
75-00-3	Chloroethane	10.4	8.4	81	8.2	79	2	70-130/30
67-66-3	Chloroform	10.8	9.6	89	9.5	88	1	70-130/30
74-87-3	Chloromethane	10.4	7.9	76	7.7	74	3	70-130/30
56-23-5	Carbon tetrachloride	10.8	11.7	108	11.5	106	2	70-130/30
110-82-7	Cyclohexane	10.9	10.6	97	10.5	96	1	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	8.8	82	8.7	81	1	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	10.9	99	10.8	98	1	70-130/30
107-06-2	1,2-Dichloroethane	10.9	9.0	83	9.0	83	0	70-130/30
78-87-5	1,2-Dichloropropane	10.5	10.1	96	10	95	1	70-130/30
123-91-1	1,4-Dioxane	10.5	10.0	95	9.8	93	2	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	8.8	83	8.8	83	0	70-130/30
124-48-1	Dibromochloromethane	10.5	11.7	111	11.5	110	2	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.5	10.1	96	9.8	93	3	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.7	10.1	94	10.1	94	0	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.7	11.4	107	11.2	105	2	70-130/30
541-73-1	m-Dichlorobenzene	10.4	10.1	97	10.0	96	1	70-130/30
95-50-1	o-Dichlorobenzene	10.7	10.0	93	10.0	93	0	70-130/30
106-46-7	p-Dichlorobenzene	10.9	10.3	94	10.2	94	1	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10.2	11.2	110	11.1	109	1	70-130/30
100-41-4	Ethylbenzene	11	9.8	89	9.8	89	0	70-130/30
141-78-6	Ethyl Acetate	10.8	9.9	92	9.8	91	1	70-130/30
622-96-8	4-Ethyltoluene	10.9	10.2	94	10.1	93	1	70-130/30
76-13-1	Freon 113	10.6	9.4	89	9.4	89	0	70-130/30
76-14-2	Freon 114	11	8.7	79	8.6	78	1	70-130/30
142-82-5	Heptane	11	11.6	105	11.3	103	3	70-130/30
87-68-3	Hexachlorobutadiene	10.8	10.8	100	10.9	101	1	70-130/30
110-54-3	Hexane	10.8	9.2	85	9.1	84	1	70-130/30
591-78-6	2-Hexanone	10.6	8.8	83	8.6	81	2	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W339-BS	7W09100.D	1	09/23/24	TCH	n/a	n/a	V7W339
V7W339-BSD	7W09101.D	1	09/23/24	TCH	n/a	n/a	V7W339

The QC reported here applies to the following samples:

Method: TO-15

V7W339-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
98-82-8	Isopropylbenzene	10.6	9.8	92	9.8	92	0	70-130/30
67-63-0	Isopropyl Alcohol	10.6	9.3	88	9.4	89	1	70-130/30
75-09-2	Methylene chloride	10.5	7.6	72	7.5	71	1	70-130/30
78-93-3	Methyl ethyl ketone	10.8	10.2	94	10.4	96	2	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.8	9.3	86	9.2	85	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.8	10.6	98	10.5	97	1	70-130/30
91-20-3	Naphthalene	10.9	8.9	82	9.0	83	1	70-130/30
115-07-1	Propylene	10.9	13.1	120	13.1	120	0	70-130/30
100-42-5	Styrene	11	10.4	95	10.4	95	0	70-130/30
71-55-6	1,1,1-Trichloroethane	10.8	10.5	97	10.4	96	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10.9	9.6	88	9.7	89	1	70-130/30
79-00-5	1,1,2-Trichloroethane	10.7	10.4	97	10.3	96	1	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10.9	9.7	89	9.8	90	1	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11	9.9	90	9.9	90	0	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.9	10.0	92	10	92	0	70-130/30
127-18-4	Tetrachloroethylene	10.9	11.0	101	10.9	100	1	70-130/30
109-99-9	Tetrahydrofuran	10.5	10.2	97	10.2	97	0	70-130/30
108-88-3	Toluene	10.6	9.9	93	9.8	92	1	70-130/30
79-01-6	Trichloroethylene	10.5	10.1	96	9.9	94	2	70-130/30
75-69-4	Trichlorofluoromethane	10.6	8.8	83	8.7	82	1	70-130/30
75-01-4	Vinyl chloride	10.3	7.9	77	7.8	76	1	70-130/30
108-05-4	Vinyl Acetate	10.4	10.9	105	10.8	104	1	70-130/30
1330-20-7	Xylenes (total)	32.3	28.6	89	28.5	88	0	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	96%	96%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3506-BS	3W88866.D	1	09/23/24	WC	n/a	n/a	V3W3506
V3W3506-BSD	3W88867.D	1	09/23/24	WC	n/a	n/a	V3W3506

The QC reported here applies to the following samples:

Method: TO-15

V3W3506-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.3	8.4	82	8.8	85	5	70-130/30
71-43-2	Benzene	11	11.4	104	11.1	101	3	70-130/30
75-27-4	Bromodichloromethane	10.5	10.5	100	10.6	101	1	70-130/30
75-25-2	Bromoform	10.7	10.8	101	10.9	102	1	70-130/30
74-83-9	Bromomethane	10.5	11.0	105	11.4	109	4	70-130/30
100-44-7	Benzyl Chloride	10.4	12.1	116	12.6	121	4	70-130/30
75-15-0	Carbon disulfide	10.6	11.3	107	11.6	109	3	70-130/30
108-90-7	Chlorobenzene	10.8	11.5	106	11.6	107	1	70-130/30
75-00-3	Chloroethane	10.4	11.2	108	11.7	113	4	70-130/30
67-66-3	Chloroform	10.8	11.0	102	11.1	103	1	70-130/30
74-87-3	Chloromethane	10.4	9.6	92	9.9	95	3	70-130/30
56-23-5	Carbon tetrachloride	10.8	10.9	101	11.0	102	1	70-130/30
110-82-7	Cyclohexane	10.9	11.9	109	11.8	108	1	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	12.7	119	13.3	124	5	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	11.7	106	11.7	106	0	70-130/30
107-06-2	1,2-Dichloroethane	10.9	10.2	94	10.2	94	0	70-130/30
78-87-5	1,2-Dichloropropane	10.5	10.2	97	10.0	95	2	70-130/30
123-91-1	1,4-Dioxane	10.5	11.1	106	11.2	107	1	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	11.3	107	11.8	111	4	70-130/30
124-48-1	Dibromochloromethane	10.5	11.0	105	11.1	106	1	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.5	10.9	104	11.0	105	1	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.7	11.5	107	11.6	108	1	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.7	11.5	107	11.6	108	1	70-130/30
541-73-1	m-Dichlorobenzene	10.4	11.5	111	12.0	115	4	70-130/30
95-50-1	o-Dichlorobenzene	10.7	11.8	110	12.4	116	5	70-130/30
106-46-7	p-Dichlorobenzene	10.9	11.9	109	12.5	115	5	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10.2	10.9	107	10.9	107	0	70-130/30
100-41-4	Ethylbenzene	11	12.0	109	11.9	108	1	70-130/30
141-78-6	Ethyl Acetate	10.8	11.5	106	11.2	104	3	70-130/30
622-96-8	4-Ethyltoluene	10.9	12.3	113	12.8	117	4	70-130/30
76-13-1	Freon 113	10.6	11.6	109	12.1	114	4	70-130/30
76-14-2	Freon 114	11	12.6	115	13.3	121	5	70-130/30
142-82-5	Heptane	11	9.0	82	8.9	81	1	70-130/30
87-68-3	Hexachlorobutadiene	10.8	14.3	132* a	15.1	140* a	5	70-130/30
110-54-3	Hexane	10.8	9.0	83	8.8	81	2	70-130/30
591-78-6	2-Hexanone	10.6	10.7	101	10.8	102	1	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3506-BS	3W88866.D	1	09/23/24	WC	n/a	n/a	V3W3506
V3W3506-BSD	3W88867.D	1	09/23/24	WC	n/a	n/a	V3W3506

The QC reported here applies to the following samples:

Method: TO-15

V3W3506-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
98-82-8	Isopropylbenzene	10.6	11.4	108	11.6	109	2	70-130/30
67-63-0	Isopropyl Alcohol	10.6	9.1	86	9.5	90	4	70-130/30
75-09-2	Methylene chloride	10.5	11.1	106	11.4	109	3	70-130/30
78-93-3	Methyl ethyl ketone	10.8	12.2	113	12.0	111	2	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.8	10.1	94	10	93	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.8	10.8	100	10.9	101	1	70-130/30
91-20-3	Naphthalene	10.9	13.2	121	14.0	128	6	70-130/30
115-07-1	Propylene	10.9	9.6	88	9.8	90	2	70-130/30
100-42-5	Styrene	11	12.3	112	12.4	113	1	70-130/30
71-55-6	1,1,1-Trichloroethane	10.8	10.8	100	11.0	102	2	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10.9	11.8	108	11.9	109	1	70-130/30
79-00-5	1,1,2-Trichloroethane	10.7	11.0	103	11.1	104	1	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10.9	14.1	129	14.9	137* a	6	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11	12.1	110	12.6	115	4	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.9	11.9	109	12.4	114	4	70-130/30
127-18-4	Tetrachloroethylene	10.9	12.6	116	12.7	117	1	70-130/30
109-99-9	Tetrahydrofuran	10.5	12.3	117	12.2	116	1	70-130/30
108-88-3	Toluene	10.6	10.9	103	11.0	104	1	70-130/30
79-01-6	Trichloroethylene	10.5	11.1	106	11.2	107	1	70-130/30
75-69-4	Trichlorofluoromethane	10.6	10.5	99	10.9	103	4	70-130/30
75-01-4	Vinyl chloride	10.3	11.1	108	11.4	111	3	70-130/30
108-05-4	Vinyl Acetate	10.4	11.4	110	11.2	108	2	70-130/30
1330-20-7	Xylenes (total)	32.3	35.2	109	35.2	109	0	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	91%	93%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3508-BS	3W88909.D	1	09/25/24	WC	n/a	n/a	V3W3508
V3W3508-BSD	3W88910.D	1	09/25/24	WC	n/a	n/a	V3W3508

The QC reported here applies to the following samples:

Method: TO-15

V3W3508-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.3	9.7	94	9.9	96	2	70-130/30
71-43-2	Benzene	11	11.4	104	11.1	101	3	70-130/30
75-27-4	Bromodichloromethane	10.5	11.3	108	11.2	107	1	70-130/30
75-25-2	Bromoform	10.7	9.5	89	9.7	91	2	70-130/30
74-83-9	Bromomethane	10.5	12.5	119	13.3	127	6	70-130/30
100-44-7	Benzyl Chloride	10.4	11.7	113	12.2	117	4	70-130/30
75-15-0	Carbon disulfide	10.6	11.6	109	11.5	108	1	70-130/30
108-90-7	Chlorobenzene	10.8	9.8	91	9.7	90	1	70-130/30
75-00-3	Chloroethane	10.4	12.9	124	13.4	129	4	70-130/30
67-66-3	Chloroform	10.8	12.1	112	12.3	114	2	70-130/30
74-87-3	Chloromethane	10.4	10.4	100	11.0	106	6	70-130/30
56-23-5	Carbon tetrachloride	10.8	12.2	113	12.7	118	4	70-130/30
110-82-7	Cyclohexane	10.9	12.1	111	11.7	107	3	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	13.2	123	13.5	126	2	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	9.9	90	9.8	89	1	70-130/30
107-06-2	1,2-Dichloroethane	10.9	11.8	108	12.1	111	3	70-130/30
78-87-5	1,2-Dichloropropane	10.5	10.2	97	9.6	91	6	70-130/30
123-91-1	1,4-Dioxane	10.5	11.6	110	11.3	108	3	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	13.0	123	14.1	133* a	8	70-130/30
124-48-1	Dibromochloromethane	10.5	9.5	90	9.6	91	1	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.5	11.3	108	11.2	107	1	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.7	11.9	111	11.7	109	2	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.7	11.9	111	11.8	110	1	70-130/30
541-73-1	m-Dichlorobenzene	10.4	10.5	101	10.9	105	4	70-130/30
95-50-1	o-Dichlorobenzene	10.7	10.8	101	11.2	105	4	70-130/30
106-46-7	p-Dichlorobenzene	10.9	10.8	99	11.3	104	5	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10.2	11.8	116	11.6	114	2	70-130/30
100-41-4	Ethylbenzene	11	10.7	97	10.7	97	0	70-130/30
141-78-6	Ethyl Acetate	10.8	11.8	109	11.4	106	3	70-130/30
622-96-8	4-Ethyltoluene	10.9	11.5	106	11.8	108	3	70-130/30
76-13-1	Freon 113	10.6	11.8	111	12.2	115	3	70-130/30
76-14-2	Freon 114	11	15.2	138* a	16.4	149* a	8	70-130/30
142-82-5	Heptane	11	9.1	83	8.7	79	4	70-130/30
87-68-3	Hexachlorobutadiene	10.8	13.9	129	14.7	136* a	6	70-130/30
110-54-3	Hexane	10.8	9.4	87	9.0	83	4	70-130/30
591-78-6	2-Hexanone	10.6	9.7	92	9.4	89	3	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3508-BS	3W88909.D	1	09/25/24	WC	n/a	n/a	V3W3508
V3W3508-BSD	3W88910.D	1	09/25/24	WC	n/a	n/a	V3W3508

The QC reported here applies to the following samples:

Method: TO-15

V3W3508-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
98-82-8	Isopropylbenzene	10.6	10.4	98	10.6	100	2	70-130/30
67-63-0	Isopropyl Alcohol	10.6	9.3	88	9.1	86	2	70-130/30
75-09-2	Methylene chloride	10.5	11.3	108	11.3	108	0	70-130/30
78-93-3	Methyl ethyl ketone	10.8	12.8	119	12.2	113	5	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.8	10.4	96	10.1	94	3	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.8	11.9	110	12.0	111	1	70-130/30
91-20-3	Naphthalene	10.9	11.7	107	12.4	114	6	70-130/30
115-07-1	Propylene	10.9	8.9	82	9.3	85	4	70-130/30
100-42-5	Styrene	11	11.0	100	11.2	102	2	70-130/30
71-55-6	1,1,1-Trichloroethane	10.8	12.3	114	12.8	119	4	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10.9	10.6	97	10.5	96	1	70-130/30
79-00-5	1,1,2-Trichloroethane	10.7	11.1	104	10.7	100	4	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10.9	12.9	118	13.7	126	6	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11	11.6	105	12.0	109	3	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.9	11.3	104	11.7	107	3	70-130/30
127-18-4	Tetrachloroethylene	10.9	10.8	99	11.0	101	2	70-130/30
109-99-9	Tetrahydrofuran	10.5	12.7	121	12.4	118	2	70-130/30
108-88-3	Toluene	10.6	11.6	109	11.4	108	2	70-130/30
79-01-6	Trichloroethylene	10.5	11.5	110	11.3	108	2	70-130/30
75-69-4	Trichlorofluoromethane	10.6	13.3	125	14.0	132* a	5	70-130/30
75-01-4	Vinyl chloride	10.3	12.7	123	13.5	131* a	6	70-130/30
108-05-4	Vinyl Acetate	10.4	12.4	119	12.4	119	0	70-130/30
1330-20-7	Xylenes (total)	32.3	31.9	99	31.8	98	0	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	107%	112%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1398-BS	6W33668.D	1	10/16/24	BK	n/a	n/a	V6W1398
V6W1398-BSD	6W33669.D	1	10/16/24	BK	n/a	n/a	V6W1398

The QC reported here applies to the following samples:

Method: TO-15 (BY SIM)

JD97727-1, JD97727-2, JD97727-3, JD97727-4

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	0.11	0.091	83	0.091	83	0	70-130/30
75-27-4	Bromodichloromethane	0.105	0.10	95	0.11	105	10	70-130/30
67-66-3	Chloroform	0.108	0.10	93	0.12	111	18	70-130/30
56-23-5	Carbon tetrachloride	0.108	0.11	102	0.11	102	0	70-130/30
75-35-4	1,1-Dichloroethylene	0.107	0.10	93	0.13	121	26	70-130/30
106-93-4	1,2-Dibromoethane	0.11	0.12	109	0.12	109	0	70-130/30
107-06-2	1,2-Dichloroethane	0.109	0.12	110	0.12	110	0	70-130/30
78-87-5	1,2-Dichloropropane	0.105	0.10	95	0.11	105	10	70-130/30
124-48-1	Dibromochloromethane	0.105	0.12	114	0.12	114	0	70-130/30
10061-01-5	cis-1,3-Dichloropropene	0.107	0.097	91	0.097	91	0	70-130/30
106-46-7	p-Dichlorobenzene	0.109	0.13	119	0.13	119	0	70-130/30
10061-02-6	trans-1,3-Dichloropropene	0.102	0.089	87	0.093	91	4	70-130/30
71-55-6	1,1,1-Trichloroethane	0.108	0.095	88	0.096	89	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	0.109	0.11	101	0.11	101	0	70-130/30
79-00-5	1,1,2-Trichloroethane	0.107	0.13	121	0.13	121	0	70-130/30
127-18-4	Tetrachloroethylene	0.109	0.094	86	0.098	90	4	70-130/30
79-01-6	Trichloroethylene	0.105	0.11	105	0.11	105	0	70-130/30
75-01-4	Vinyl chloride	0.103	0.095	92	0.12	117	23	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	105%	105%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1388-BS	6W33417.D	1	09/25/24	BK	n/a	n/a	V6W1388
V6W1388-BSD	6W33418.D	1	09/25/24	BK	n/a	n/a	V6W1388

The QC reported here applies to the following samples:

Method: TO-15 (BY SIM)

V6W1388-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	0.11	0.11	100	0.11	100	0	70-130/30
75-27-4	Bromodichloromethane	0.105	0.12	114	0.12	114	0	70-130/30
67-66-3	Chloroform	0.108	0.13	120	0.12	111	8	70-130/30
56-23-5	Carbon tetrachloride	0.108	0.11	102	0.11	102	0	70-130/30
75-35-4	1,1-Dichloroethylene	0.107	0.12	112	0.11	103	9	70-130/30
106-93-4	1,2-Dibromoethane	0.11	0.12	109	0.12	109	0	70-130/30
107-06-2	1,2-Dichloroethane	0.109	0.13	119	0.12	110	8	70-130/30
78-87-5	1,2-Dichloropropane	0.105	0.11	105	0.11	105	0	70-130/30
124-48-1	Dibromochloromethane	0.105	0.12	114	0.12	114	0	70-130/30
10061-01-5	cis-1,3-Dichloropropene	0.107	0.11	103	0.11	103	0	70-130/30
106-46-7	p-Dichlorobenzene	0.109	0.12	110	0.12	110	0	70-130/30
10061-02-6	trans-1,3-Dichloropropene	0.102	0.095	93	0.098	96	3	70-130/30
71-55-6	1,1,1-Trichloroethane	0.108	0.11	102	0.11	102	0	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	0.109	0.12	110	0.13	119	8	70-130/30
79-00-5	1,1,2-Trichloroethane	0.107	0.14	131* a	0.14	131* a	0	70-130/30
127-18-4	Tetrachloroethylene	0.109	0.11	101	0.11	101	0	70-130/30
79-01-6	Trichloroethylene	0.105	0.12	114	0.12	114	0	70-130/30
75-01-4	Vinyl chloride	0.103	0.11	107	0.11	107	0	70-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	103%	103%	65-128%

(a) High percent recovery and no associated positive reported in the QC batch.

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 1

Job Number: JD97727**Account:** TTCOD Tetra Tech**Project:** R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD97727-6DUP	2W67637.D	1	10/11/24	WC	n/a	n/a	V2W3081
JD97727-6	2W67636.D	1	10/11/24	WC	n/a	n/a	V2W3081

The QC reported here applies to the following samples:**Method:** MADEP APH

JD97727-1, JD97727-2, JD97727-3, JD97727-4, JD97727-5, JD97727-6

CAS No.	Compound	JD97727-6 ppbv	DUP Q	ppbv	Q	RPD	Limits
71-43-2	Benzene	ND		ND		nc	30
106-99-0	1,3-Butadiene	ND		ND		nc	30
100-41-4	Ethylbenzene	0.26	J	0.25	J	4	30
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	30
91-20-3	Naphthalene	ND		ND		nc	30
108-88-3	Toluene	0.39	J	0.40		3	30
	m,p-Xylene	1.1		0.96		14	30
95-47-6	o-Xylene	0.27	J	0.25	J	8	30
	C5- C8 Aliphatics (Unadj.)	36.4		37.7		4	30
	C9- C12 Aliphatics (Unadj.)	11.5		11.2		3	30
	C5- C8 Aliphatics (APH)	34.3		35.8		4	30
	C9- C12 Aliphatics (APH)	11.5		11.1		4	30
	C9- C10 Aromatics (APH)	ND		ND		nc	30

CAS No.	Surrogate Recoveries	DUP	JD97727-6	Limits
460-00-4	4-Bromofluorobenzene	99%	99%	70-130%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD97193-2DUP	3W89172.D	1	10/13/24	BK	n/a	n/a	V3W3520
JD97193-2	3W89171.D	1	10/13/24	BK	n/a	n/a	V3W3520

The QC reported here applies to the following samples:

Method: TO-15

JD97727-1, JD97727-2, JD97727-3, JD97727-4

CAS No.	Compound	JD97193-2 ppbv	DUP Q	ppbv	Q	RPD	Limits
71-43-2	Benzene	0.28		0.27		4	25
75-27-4	Bromodichloromethane	0.39		0.39		0	25
75-25-2	Bromoform	ND		ND		nc	25
74-83-9	Bromomethane	ND		ND		nc	25
100-44-7	Benzyl Chloride	ND		ND		nc	25
75-15-0	Carbon disulfide	0.21		0.21		0	25
108-90-7	Chlorobenzene	ND		ND		nc	25
75-00-3	Chloroethane	ND		ND		nc	25
67-66-3	Chloroform	2.0		2.0		0	25
74-87-3	Chloromethane	1.3		1.2		8	25
56-23-5	Carbon tetrachloride	0.13	J	0.14	J	7	25
110-82-7	Cyclohexane	0.15	J	0.12	J	22	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
106-93-4	1,2-Dibromoethane (EDB)	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	0.35		0.35		0	25
78-87-5	1,2-Dichloropropane	ND		ND		nc	25
123-91-1	1,4-Dioxane	ND		ND		nc	25
75-71-8	Dichlorodifluoromethane	0.47		0.44		7	25
124-48-1	Dibromochloromethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	25
541-73-1	m-Dichlorobenzene	ND		ND		nc	25
95-50-1	o-Dichlorobenzene	ND		ND		nc	25
106-46-7	p-Dichlorobenzene	0.22		0.19	J	15	25
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	25
100-41-4	Ethylbenzene	0.16	J	0.15	J	6	25
141-78-6	Ethyl Acetate	4.8		4.6		4	25
622-96-8	4-Ethyltoluene	ND		ND		nc	25
76-13-1	Freon 113	ND		ND		nc	25
76-14-2	Freon 114	ND		ND		nc	25
142-82-5	Heptane	0.38		0.37		3	25
87-68-3	Hexachlorobutadiene	ND		ND		nc	25
110-54-3	Hexane	0.49		0.49		0	25
591-78-6	2-Hexanone	ND		ND		nc	25
98-82-8	Isopropylbenzene	ND		ND		nc	25

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD97193-2DUP	3W89172.D	1	10/13/24	BK	n/a	n/a	V3W3520
JD97193-2	3W89171.D	1	10/13/24	BK	n/a	n/a	V3W3520

The QC reported here applies to the following samples:

Method: TO-15

JD97727-1, JD97727-2, JD97727-3, JD97727-4

CAS No.	Compound	JD97193-2 ppbv	DUP Q	ppbv	Q	RPD	Limits
67-63-0	Isopropyl Alcohol	15.1	B	14.5		4	25
75-09-2	Methylene chloride	0.76		0.72		5	25
78-93-3	Methyl ethyl ketone	1.5		1.4		7	25
108-10-1	Methyl Isobutyl Ketone	0.096	J	0.091	J	5	25
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	25
91-20-3	Naphthalene	0.16	J	ND		200* a	25
115-07-1	Propylene	ND		ND		nc	25
100-42-5	Styrene	0.16	J	0.16	J	0	25
71-55-6	1,1,1-Trichloroethane	0.15	J	0.15	J	0	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	25
95-63-6	1,2,4-Trimethylbenzene	0.18	J	0.17	J	6	25
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	25
127-18-4	Tetrachloroethylene	0.092		0.088		4	25
109-99-9	Tetrahydrofuran	ND		ND		nc	25
108-88-3	Toluene	0.89		0.93		4	25
79-01-6	Trichloroethylene	0.042		0.031	J	30* b	25
75-69-4	Trichlorofluoromethane	0.30		0.29		3	25
75-01-4	Vinyl chloride	ND		ND		nc	25
108-05-4	Vinyl Acetate	1.3		1.3		0	25
1330-20-7	Xylenes (total)	0.63		0.60		5	25

CAS No.	Surrogate Recoveries	DUP	JD97193-2	Limits
460-00-4	4-Bromofluorobenzene	95%	96%	65-128%

(a) RPD acceptable due to low DUP and sample concentrations.

(b) Outside in house control limits.

* = Outside of Control Limits.

Duplicate Summary

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD97787-2DUP	7W09704.D	1	10/15/24	TCH	n/a	n/a	V7W361
JD97787-2	7W09703.D	1	10/15/24	TCH	n/a	n/a	V7W361

The QC reported here applies to the following samples:

Method: TO-15

JD97727-1, JD97727-2, JD97727-3, JD97727-4, JD97727-5, JD97727-6

CAS No.	Compound	JD97787-2 ppbv	DUP Q	ppbv	Q	RPD	Limits
67-64-1	Acetone (2-Propanone)	2.2		2.3		4	25
71-43-2	Benzene	ND		ND		nc	25
75-27-4	Bromodichloromethane	ND		ND		nc	25
75-25-2	Bromoform	ND		ND		nc	25
74-83-9	Bromomethane	ND		ND		nc	25
100-44-7	Benzyl Chloride	ND		ND		nc	25
75-15-0	Carbon disulfide	1.7		1.7		0	25
108-90-7	Chlorobenzene	ND		ND		nc	25
75-00-3	Chloroethane	ND		ND		nc	25
67-66-3	Chloroform	1.4		1.4		0	25
74-87-3	Chloromethane	0.56		0.56	J	0	25
56-23-5	Carbon tetrachloride	ND		ND		nc	25
110-82-7	Cyclohexane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
106-93-4	1,2-Dibromoethane (EDB)	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
78-87-5	1,2-Dichloropropane	ND		ND		nc	25
123-91-1	1,4-Dioxane	ND		ND		nc	25
75-71-8	Dichlorodifluoromethane	0.43		0.44	J	2	25
124-48-1	Dibromochloromethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	25
541-73-1	m-Dichlorobenzene	ND		ND		nc	25
95-50-1	o-Dichlorobenzene	ND		ND		nc	25
106-46-7	p-Dichlorobenzene	ND		ND		nc	25
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	25
100-41-4	Ethylbenzene	ND		ND		nc	25
141-78-6	Ethyl Acetate	ND		ND		nc	25
622-96-8	4-Ethyltoluene	ND		ND		nc	25
76-13-1	Freon 113	ND		ND		nc	25
76-14-2	Freon 114	ND		ND		nc	25
142-82-5	Heptane	ND		ND		nc	25
87-68-3	Hexachlorobutadiene	ND		ND		nc	25
110-54-3	Hexane	ND		ND		nc	25
591-78-6	2-Hexanone	ND		ND		nc	25

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 2

Job Number: JD97727**Account:** TTCOD Tetra Tech**Project:** R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD97787-2DUP	7W09704.D	1	10/15/24	TCH	n/a	n/a	V7W361
JD97787-2	7W09703.D	1	10/15/24	TCH	n/a	n/a	V7W361

The QC reported here applies to the following samples:**Method:** TO-15

JD97727-1, JD97727-2, JD97727-3, JD97727-4, JD97727-5, JD97727-6

CAS No.	Compound	JD97787-2 ppbv	DUP Q	ppbv	Q	RPD	Limits
98-82-8	Isopropylbenzene	ND		ND		nc	25
67-63-0	Isopropyl Alcohol	ND		ND		nc	25
75-09-2	Methylene chloride	ND		ND		nc	25
78-93-3	Methyl ethyl ketone	1.7		1.7		0	25
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	25
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	25
91-20-3	Naphthalene	ND		ND		nc	25
115-07-1	Propylene	ND		ND		nc	25
100-42-5	Styrene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	1.6		1.7		6	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	25
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	25
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	25
127-18-4	Tetrachloroethylene	5.1		5.2		2	25
109-99-9	Tetrahydrofuran	1.1		1.1		0	25
108-88-3	Toluene	0.44		0.46	J	4	25
79-01-6	Trichloroethylene	84.2		86.5		3	25
75-69-4	Trichlorofluoromethane	0.89		0.92		3	25
75-01-4	Vinyl chloride	ND		ND		nc	25
108-05-4	Vinyl Acetate	ND		ND		nc	25
1330-20-7	Xylenes (total)	1.8		1.8		0	25

CAS No.	Surrogate Recoveries	DUP	JD97787-2	Limits
460-00-4	4-Bromofluorobenzene	94%	93%	65-128%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JD97795-3DUP	6W33681.D	1	10/17/24	BK	n/a	n/a	V6W1398
JD97795-3	6W33680.D	1	10/17/24	BK	n/a	n/a	V6W1398

The QC reported here applies to the following samples:

Method: TO-15 (BY SIM)

JD97727-1, JD97727-2, JD97727-3, JD97727-4

CAS No.	Compound	JD97795-3 ppbv	DUP Q	ppbv	Q	RPD	Limits
71-43-2	Benzene	0.18		0.18		0	17
75-27-4	Bromodichloromethane	ND		ND		nc	20
67-66-3	Chloroform	0.032		0.034		6	12
56-23-5	Carbon tetrachloride	0.076		0.080		5	10
75-35-4	1,1-Dichloroethylene	ND		ND		nc	20
106-93-4	1,2-Dibromoethane	ND		ND		nc	20
107-06-2	1,2-Dichloroethane	0.034		0.035		3	20
78-87-5	1,2-Dichloropropane	ND		ND		nc	20
124-48-1	Dibromochloromethane	ND		ND		nc	20
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	20
106-46-7	p-Dichlorobenzene	0.0048		0.0047		2	20
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	20
71-55-6	1,1,1-Trichloroethane	0.0016	J	0.0019	J	17	20
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	20
79-00-5	1,1,2-Trichloroethane	0.037		0.037		0	20
127-18-4	Tetrachloroethylene	0.40		0.38		5	17
79-01-6	Trichloroethylene	0.011		0.012		9	13
75-01-4	Vinyl chloride	ND		ND		nc	20

CAS No.	Surrogate Recoveries	DUP	JD97795-3	Limits
460-00-4	4-Bromofluorobenzene	106%	107%	65-128%

* = Outside of Control Limits.

Summa Cleaning Certification

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W3066-SCC	2W67489.D	1	08/16/24	WC	n/a	n/a	V2W3066

The QC reported here (Summa A873) applies to the following samples: Method: MADEP APH

Batch CP12850 cleaned 08/09/24: JD97727-5(A1866)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.40	0.070	ppbv		ND	1.3	ug/m3
106-99-0	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	ug/m3
100-41-4	Ethylbenzene	ND	0.40	0.060	ppbv		ND	1.7	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	ug/m3
91-20-3	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	ug/m3
108-88-3	Toluene	ND	0.40	0.059	ppbv		ND	1.5	ug/m3
95-47-6	m,p-Xylene	ND	0.40	0.19	ppbv		ND	1.7	ug/m3
	o-Xylene	ND	0.40	0.064	ppbv		ND	1.7	ug/m3
	C5- C8 Aliphatics (Unadj.)	ND	2.4	0.40	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (Unadj.)	ND	2.4	0.56	ppbv		ND	14	ug/m3
	C5- C8 Aliphatics (APH)	ND	2.4	0.078	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (APH)	ND	2.4	0.088	ppbv		ND	14	ug/m3
	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	86% 70-130%

Summa Cleaning Certification

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W3066-SCC	2W67491.D	1	08/16/24	WC	n/a	n/a	V2W3066

The QC reported here (Summa A2101) applies to the following samples: Method: MADEP APH

Batch CP12851 cleaned 08/12/24: JD97727-6(A995)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.40	0.070	ppbv		ND	1.3	ug/m3
106-99-0	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	ug/m3
100-41-4	Ethylbenzene	ND	0.40	0.060	ppbv		ND	1.7	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	ug/m3
91-20-3	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	ug/m3
108-88-3	Toluene	ND	0.40	0.059	ppbv		ND	1.5	ug/m3
95-47-6	m,p-Xylene	ND	0.40	0.19	ppbv		ND	1.7	ug/m3
	o-Xylene	ND	0.40	0.064	ppbv		ND	1.7	ug/m3
	C5- C8 Aliphatics (Unadj.)	ND	2.4	0.40	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (Unadj.)	ND	2.4	0.56	ppbv		ND	14	ug/m3
	C5- C8 Aliphatics (APH)	ND	2.4	0.078	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (APH)	ND	2.4	0.088	ppbv		ND	14	ug/m3
	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	87% 70-130%

Summa Cleaning Certification

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W3078-SCC	2W67610.D	1	09/27/24	WC	n/a	n/a	V2W3078

The QC reported here (Summa A2049) applies to the following samples: Method: MADEP APH

Batch CP12875 cleaned 09/13/24: JD97727-2(A2049)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.40	0.070	ppbv		ND	1.3	ug/m3
106-99-0	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	ug/m3
100-41-4	Ethylbenzene	ND	0.40	0.060	ppbv		ND	1.7	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	ug/m3
91-20-3	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	ug/m3
108-88-3	Toluene	ND	0.40	0.059	ppbv		ND	1.5	ug/m3
95-47-6	m,p-Xylene	ND	0.40	0.19	ppbv		ND	1.7	ug/m3
	o-Xylene	ND	0.40	0.064	ppbv		ND	1.7	ug/m3
	C5- C8 Aliphatics (Unadj.)	ND	2.4	0.40	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (Unadj.)	ND	2.4	0.56	ppbv		ND	14	ug/m3
	C5- C8 Aliphatics (APH)	ND	2.4	0.078	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (APH)	ND	2.4	0.088	ppbv		ND	14	ug/m3
	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	92% 70-130%

Summa Cleaning Certification

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W3078-SCC	2W67612.D	1	09/28/24	WC	n/a	n/a	V2W3078

The QC reported here (Summa A323) applies to the following samples: Method: MADEP APH

Batch CP12882 cleaned 09/19/24: JD97727-1(A323)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.40	0.070	ppbv		ND	1.3	ug/m3
106-99-0	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	ug/m3
100-41-4	Ethylbenzene	ND	0.40	0.060	ppbv		ND	1.7	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	ug/m3
91-20-3	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	ug/m3
108-88-3	Toluene	ND	0.40	0.059	ppbv		ND	1.5	ug/m3
95-47-6	m,p-Xylene	ND	0.40	0.19	ppbv		ND	1.7	ug/m3
	o-Xylene	ND	0.40	0.064	ppbv		ND	1.7	ug/m3
	C5- C8 Aliphatics (Unadj.)	ND	2.4	0.40	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (Unadj.)	ND	2.4	0.56	ppbv		ND	14	ug/m3
	C5- C8 Aliphatics (APH)	ND	2.4	0.078	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (APH)	ND	2.4	0.088	ppbv		ND	14	ug/m3
	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	92% 70-130%

Summa Cleaning Certification

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W3078-SCC	2W67614.D	1	09/28/24	WC	n/a	n/a	V2W3078

The QC reported here (Summa A738) applies to the following samples: Method: MADEP APH

Batch CP12882 cleaned 09/19/24: JD97727-3(A738)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.40	0.070	ppbv		ND	1.3	ug/m3
106-99-0	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	ug/m3
100-41-4	Ethylbenzene	ND	0.40	0.060	ppbv		ND	1.7	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	ug/m3
91-20-3	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	ug/m3
108-88-3	Toluene	ND	0.40	0.059	ppbv		ND	1.5	ug/m3
95-47-6	m,p-Xylene	ND	0.40	0.19	ppbv		ND	1.7	ug/m3
	o-Xylene	ND	0.40	0.064	ppbv		ND	1.7	ug/m3
	C5- C8 Aliphatics (Unadj.)	ND	2.4	0.40	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (Unadj.)	ND	2.4	0.56	ppbv		ND	14	ug/m3
	C5- C8 Aliphatics (APH)	ND	2.4	0.078	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (APH)	ND	2.4	0.088	ppbv		ND	14	ug/m3
	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	91% 70-130%

Summa Cleaning Certification

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2W3078-SCC	2W67617.D	1	09/28/24	WC	n/a	n/a	V2W3078

The QC reported here (Summa A190) applies to the following samples:

Method: MADEP APH

Batch CP12877 cleaned 09/16/24: JD97727-4(A190)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.40	0.070	ppbv		ND	1.3	ug/m3
106-99-0	1,3-Butadiene	ND	0.40	0.098	ppbv		ND	0.88	ug/m3
100-41-4	Ethylbenzene	ND	0.40	0.060	ppbv		ND	1.7	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.40	0.057	ppbv		ND	1.4	ug/m3
91-20-3	Naphthalene	ND	0.40	0.34	ppbv		ND	2.1	ug/m3
108-88-3	Toluene	ND	0.40	0.059	ppbv		ND	1.5	ug/m3
95-47-6	m,p-Xylene	ND	0.40	0.19	ppbv		ND	1.7	ug/m3
	o-Xylene	ND	0.40	0.064	ppbv		ND	1.7	ug/m3
	C5- C8 Aliphatics (Unadj.)	ND	2.4	0.40	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (Unadj.)	ND	2.4	0.56	ppbv		ND	14	ug/m3
	C5- C8 Aliphatics (APH)	ND	2.4	0.078	ppbv		ND	9.1	ug/m3
	C9- C12 Aliphatics (APH)	ND	2.4	0.088	ppbv		ND	14	ug/m3
	C9- C10 Aromatics (APH)	ND	2.0	0.33	ppbv		ND	10	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	93% 70-130%

Summa Cleaning Certification

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W309-SCC	7W08117.D	1	08/23/24	TCH	n/a	n/a	V7W309

The QC reported here (Summa A2101) applies to the following samples:

Method: TO-15

Batch CP12851 cleaned 08/12/24: JD97727-6(A995)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Summa Cleaning Certification

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W309-SCC	7W08117.D	1	08/23/24	TCH	n/a	n/a	V7W309

The QC reported here (Summa A2101) applies to the following samples:

Method: TO-15

Batch CP12851 cleaned 08/12/24: JD97727-6(A995)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	96% 65-128%

Summa Cleaning Certification

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W310-SCC	7W08154.D	1	08/24/24	TCH	n/a	n/a	V7W310

The QC reported here (Summa A2133) applies to the following samples:

Method: TO-15

Batch CP12850 cleaned 08/09/24: JD97727-5(A1866)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Summa Cleaning Certification

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W310-SCC	7W08154.D	1	08/24/24	TCH	n/a	n/a	V7W310

The QC reported here (Summa A2133) applies to the following samples:

Method: TO-15

Batch CP12850 cleaned 08/09/24: JD97727-5(A1866)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	98% 65-128%

Summa Cleaning Certification

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3505-SCC	3W88854.D	1	09/22/24	BK	n/a	n/a	V3W3505

The QC reported here (Summa A2049) applies to the following samples:

Method: TO-15

Batch CP12875 cleaned 09/13/24: JD97727-2(A2049)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Summa Cleaning Certification

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3505-SCC	3W88854.D	1	09/22/24	BK	n/a	n/a	V3W3505

The QC reported here (Summa A2049) applies to the following samples:

Method: TO-15

Batch CP12875 cleaned 09/13/24: JD97727-2(A2049)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	95% 65-128%

Summa Cleaning Certification

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W339-SCC	7W09121.D	1	09/24/24	TCH	n/a	n/a	V7W339

The QC reported here (Summa A323) applies to the following samples:

Method: TO-15

Batch CP12882 cleaned 09/19/24: JD97727-1(A323)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride ^a	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Summa Cleaning Certification

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7W339-SCC	7W09121.D	1	09/24/24	TCH	n/a	n/a	V7W339

The QC reported here (Summa A323) applies to the following samples:

Method: TO-15

Batch CP12882 cleaned 09/19/24: JD97727-1(A323)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	95% 65-128%

(a) This compound in blank spike is outside in house QC limits bias high.

Summa Cleaning Certification

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3506-SCC	3W88885.D	1	09/24/24	WC	n/a	n/a	V3W3506

The QC reported here (Summa A738) applies to the following samples:

Method: TO-15

Batch CP12882 cleaned 09/19/24: JD97727-3(A738)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene ^a	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Summa Cleaning Certification

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3506-SCC	3W88885.D	1	09/24/24	WC	n/a	n/a	V3W3506

The QC reported here (Summa A738) applies to the following samples:

Method: TO-15

Batch CP12882 cleaned 09/19/24: JD97727-3(A738)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene ^a	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	93% 65-128%

(a) This compound in blank spike is outside in house QC limits bias high.

Summa Cleaning Certification

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3508-SCC	3W88915.D	1	09/25/24	WC	n/a	n/a	V3W3508

The QC reported here (Summa A190) applies to the following samples:

Method: TO-15

Batch CP12877 cleaned 09/16/24: JD97727-4(A190)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.045	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.052	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.13	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3

Summa Cleaning Certification

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W3508-SCC	3W88915.D	1	09/25/24	WC	n/a	n/a	V3W3508

The QC reported here (Summa A190) applies to the following samples:

Method: TO-15

Batch CP12877 cleaned 09/16/24: JD97727-4(A190)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
98-82-8	Isopropylbenzene	ND	0.20	0.064	ppbv		ND	0.98	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.11	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
91-20-3	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
115-07-1	Propylene	ND	0.50	0.14	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.014	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.15	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	91% 65-128%

Summa Cleaning Certification

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1388-SCC	6W33422.D	1	09/25/24	BK	n/a	n/a	V6W1388

The QC reported here (Summa A2049) applies to the following samples: Method: TO-15 (BY SIM)

Batch CP12875 cleaned 09/13/24: JD97727-2(A2049)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.010	0.0037	ppbv		ND	0.032	ug/m3
75-27-4	Bromodichloromethane	ND	0.0050	0.0010	ppbv		ND	0.033	ug/m3
67-66-3	Chloroform	ND	0.0050	0.00060	ppbv		ND	0.024	ug/m3
56-23-5	Carbon tetrachloride	ND	0.0050	0.0016	ppbv		ND	0.031	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.0010	ppbv		ND	0.0079	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.0050	0.0011	ppbv		ND	0.038	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.0050	0.0014	ppbv		ND	0.020	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.0050	0.0014	ppbv		ND	0.023	ug/m3
124-48-1	Dibromochloromethane	ND	0.0050	0.00060	ppbv		ND	0.043	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.0050	0.0017	ppbv		ND	0.023	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.0020	0.00060	ppbv		ND	0.012	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.0050	0.00090	ppbv		ND	0.023	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00090	ppbv		ND	0.011	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0050	0.0010	ppbv		ND	0.034	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.0050	0.0014	ppbv		ND	0.027	ug/m3
127-18-4	Tetrachloroethylene	ND	0.0050	0.0012	ppbv		ND	0.034	ug/m3
79-01-6	Trichloroethylene	ND	0.0050	0.00095	ppbv		ND	0.027	ug/m3
75-01-4	Vinyl chloride	ND	0.0020	0.00056	ppbv		ND	0.0051	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	98% 65-128%

Summa Cleaning Certification

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1388-SCC	6W33425.D	1	09/26/24	BK	n/a	n/a	V6W1388

The QC reported here (Summa A323) applies to the following samples:

Method: TO-15 (BY SIM)

Batch CP12882 cleaned 09/19/24: JD97727-1(A323)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.010	0.0037	ppbv		ND	0.032	ug/m3
75-27-4	Bromodichloromethane	ND	0.0050	0.0010	ppbv		ND	0.033	ug/m3
67-66-3	Chloroform	ND	0.0050	0.00060	ppbv		ND	0.024	ug/m3
56-23-5	Carbon tetrachloride	ND	0.0050	0.0016	ppbv		ND	0.031	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.0010	ppbv		ND	0.0079	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.0050	0.0011	ppbv		ND	0.038	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.0050	0.0014	ppbv		ND	0.020	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.0050	0.0014	ppbv		ND	0.023	ug/m3
124-48-1	Dibromochloromethane	ND	0.0050	0.00060	ppbv		ND	0.043	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.0050	0.0017	ppbv		ND	0.023	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.0020	0.00060	ppbv		ND	0.012	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.0050	0.00090	ppbv		ND	0.023	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00090	ppbv		ND	0.011	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0050	0.0010	ppbv		ND	0.034	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.0050	0.0014	ppbv		ND	0.027	ug/m3
127-18-4	Tetrachloroethylene	ND	0.0050	0.0012	ppbv		ND	0.034	ug/m3
79-01-6	Trichloroethylene	ND	0.0050	0.00095	ppbv		ND	0.027	ug/m3
75-01-4	Vinyl chloride	ND	0.0020	0.00056	ppbv		ND	0.0051	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	99% 65-128%

Summa Cleaning Certification

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1388-SCC	6W33427.D	1	09/26/24	BK	n/a	n/a	V6W1388

The QC reported here (Summa A738) applies to the following samples:

Method: TO-15 (BY SIM)

Batch CP12882 cleaned 09/19/24: JD97727-3(A738)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.010	0.0037	ppbv		ND	0.032	ug/m3
75-27-4	Bromodichloromethane	ND	0.0050	0.0010	ppbv		ND	0.033	ug/m3
67-66-3	Chloroform	ND	0.0050	0.00060	ppbv		ND	0.024	ug/m3
56-23-5	Carbon tetrachloride	ND	0.0050	0.0016	ppbv		ND	0.031	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.0010	ppbv		ND	0.0079	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.0050	0.0011	ppbv		ND	0.038	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.0050	0.0014	ppbv		ND	0.020	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.0050	0.0014	ppbv		ND	0.023	ug/m3
124-48-1	Dibromochloromethane	ND	0.0050	0.00060	ppbv		ND	0.043	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.0050	0.0017	ppbv		ND	0.023	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.0020	0.00060	ppbv		ND	0.012	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.0050	0.00090	ppbv		ND	0.023	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00090	ppbv		ND	0.011	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0050	0.0010	ppbv		ND	0.034	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.0050	0.0014	ppbv		ND	0.027	ug/m3
127-18-4	Tetrachloroethylene	ND	0.0050	0.0012	ppbv		ND	0.034	ug/m3
79-01-6	Trichloroethylene	ND	0.0050	0.00095	ppbv		ND	0.027	ug/m3
75-01-4	Vinyl chloride	ND	0.0020	0.00056	ppbv		ND	0.0051	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	99% 65-128%

Summa Cleaning Certification

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6W1388-SCC	6W33430.D	1	09/26/24	BK	n/a	n/a	V6W1388

The QC reported here (Summa A190) applies to the following samples:

Method: TO-15 (BY SIM)

Batch CP12877 cleaned 09/16/24: JD97727-4(A190)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
71-43-2	Benzene	ND	0.010	0.0037	ppbv		ND	0.032	ug/m3
75-27-4	Bromodichloromethane	ND	0.0050	0.0010	ppbv		ND	0.033	ug/m3
67-66-3	Chloroform	ND	0.0050	0.00060	ppbv		ND	0.024	ug/m3
56-23-5	Carbon tetrachloride	ND	0.0050	0.0016	ppbv		ND	0.031	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.0020	0.0010	ppbv		ND	0.0079	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.0050	0.0011	ppbv		ND	0.038	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.0050	0.0014	ppbv		ND	0.020	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.0050	0.0014	ppbv		ND	0.023	ug/m3
124-48-1	Dibromochloromethane	ND	0.0050	0.00060	ppbv		ND	0.043	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.0050	0.0017	ppbv		ND	0.023	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.0020	0.00060	ppbv		ND	0.012	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.0050	0.00090	ppbv		ND	0.023	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.0020	0.00090	ppbv		ND	0.011	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0050	0.0010	ppbv		ND	0.034	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.0050	0.0014	ppbv		ND	0.027	ug/m3
127-18-4	Tetrachloroethylene	ND	0.0050	0.0012	ppbv		ND	0.034	ug/m3
79-01-6	Trichloroethylene	ND	0.0050	0.00095	ppbv		ND	0.027	ug/m3
75-01-4	Vinyl chloride	ND	0.0020	0.00056	ppbv		ND	0.0051	ug/m3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	101% 65-128%

Instrument Performance Check (BFB)

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V2W2980-BFB

Injection Date: 10/18/23

Lab File ID: 2W66402.D

Injection Time: 20:27

Instrument ID: GCMS2W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	19581	18.3	Pass
75	30.0 - 66.0% of mass 95	54357	50.7	Pass
95	Base peak, 100% relative abundance	107136	100.0	Pass
96	5.0 - 9.0% of mass 95	7777	7.26	Pass
173	Less than 2.0% of mass 174	585	0.55 (0.57) ^a	Pass
174	50.0 - 120.0% of mass 95	102461	95.6	Pass
175	4.0 - 9.01% of mass 174	7203	6.72 (7.03) ^a	Pass
176	93.0 - 101.0% of mass 174	102032	95.2 (99.6) ^a	Pass
177	5.0 - 9.0% of mass 176	6669	6.22 (6.54) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2W2980-IC2980	2W66403.D	10/18/23	21:01	00:34	Initial cal 0.1
V2W2981-IC2981	2W66403A.D	10/18/23	21:01	00:34	Initial cal 0.1
V2W2981-IC2981	2W66404A.D	10/18/23	21:41	01:14	Initial cal 0.4
V2W2980-IC2980	2W66404.D	10/18/23	21:41	01:14	Initial cal 0.4
V2W2980-IC2980	2W66405.D	10/18/23	22:15	01:48	Initial cal 2
V2W2981-IC2981	2W66405A.D	10/18/23	22:15	01:48	Initial cal 2
V2W2981-IC2981	2W66406A.D	10/18/23	22:48	02:21	Initial cal 5
V2W2980-IC2980	2W66406.D	10/18/23	22:48	02:21	Initial cal 5
V2W2980-ICC2980	2W66407.D	10/18/23	23:22	02:55	Initial cal 10
V2W2981-ICC2981	2W66407A.D	10/18/23	23:22	02:55	Initial cal 10
V2W2981-IC2981	2W66408A.D	10/18/23	23:58	03:31	Initial cal 20
V2W2980-IC2980	2W66408.D	10/18/23	23:58	03:31	Initial cal 20
V2W2980-IC2980	2W66409.D	10/19/23	00:38	04:11	Initial cal 40
V2W2981-IC2981	2W66409A.D	10/19/23	00:38	04:11	Initial cal 40
V2W2980-IC2980	2W66410.D	10/19/23	01:20	04:53	Initial cal 50
V2W2981-IC2981	2W66410A.D	10/19/23	01:20	04:53	Initial cal 50
V2W2981-ICV2981	2W66413A.D	10/19/23	03:04	06:37	Initial cal verification 10
V2W2980-ICV2980	2W66413.D	10/19/23	03:04	06:37	Initial cal verification 10
V2W2980-BS1	2W66415.D	10/19/23	08:05	11:38	Blank Spike
V2W2981-BS1	2W66415A.D	10/19/23	08:05	11:38	Blank Spike
V2W2981-BSD1	2W66416A.D	10/19/23	08:39	12:12	Blank Spike Duplicate
V2W2980-BSD1	2W66416.D	10/19/23	08:39	12:12	Blank Spike Duplicate
V2W2981-MB1	2W66419A.D	10/19/23	11:01	14:34	Method Blank
V2W2980-MB1	2W66419.D	10/19/23	11:01	14:34	Method Blank

Instrument Performance Check (BFB)

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V2W2980-BFB

Injection Date: 10/18/23

Lab File ID: 2W66402.D

Injection Time: 20:27

Instrument ID: GCMS2W

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	2W66420.D	10/19/23	11:57	15:30	(unrelated sample)
ZZZZZZ	2W66421.D	10/19/23	12:37	16:10	(unrelated sample)
ZZZZZZ	2W66422.D	10/19/23	13:17	16:50	(unrelated sample)
ZZZZZZ	2W66423.D	10/19/23	13:56	17:29	(unrelated sample)
JD74402-1	2W66424.D	10/19/23	14:37	18:10	(used for QC only; not part of job JD97727)
JD74402-1DUP	2W66425.D	10/19/23	15:39	19:12	Duplicate
ZZZZZZ	2W66426.D	10/19/23	16:18	19:51	(unrelated sample)
V2W2980-SCC	2W66427A.D	10/19/23	16:58	20:31	Summa Cleaning Certification
V2W2981-SCC	2W66427.D	10/19/23	16:58	20:31	Summa Cleaning Certification
V2W2981-SCC	2W66428.D	10/19/23	17:38	21:11	Summa Cleaning Certification
V2W2980-SCC	2W66428A.D	10/19/23	17:38	21:11	Summa Cleaning Certification
V2W2980-SCC	2W66429A.D	10/19/23	18:18	21:51	Summa Cleaning Certification
V2W2981-SCC	2W66429.D	10/19/23	18:18	21:51	Summa Cleaning Certification

6.5.1

6

Instrument Performance Check (BFB)

Page 1 of 2

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V2W3066-BFB
Lab File ID: 2W67466.D
Instrument ID: GCMS2W
Injection Date: 08/15/24
Injection Time: 11:02

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	25272	21.0	Pass
75	30.0 - 66.0% of mass 95	64163	53.4	Pass
95	Base peak, 100% relative abundance	120261	100.0	Pass
96	5.0 - 9.0% of mass 95	7122	5.92	Pass
173	Less than 2.0% of mass 174	580	0.48 (0.44) ^a	Pass
174	50.0 - 120.0% of mass 95	132520	110.2	Pass
175	4.0 - 9.01% of mass 174	8233	6.85 (6.21) ^a	Pass
176	93.0 - 101.0% of mass 174	127400	105.9 (96.1) ^a	Pass
177	5.0 - 9.0% of mass 176	8372	6.96 (6.57) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2W3066-CC2980	2W67467.D	08/15/24	11:37	00:35	Continuing cal 10
V2W3067-CC2981	2W67467A.D	08/15/24	11:37	00:35	Continuing cal 10
V2W3067-BS	2W67468A.D	08/15/24	12:19	01:17	Blank Spike
V2W3066-BS	2W67468.D	08/15/24	12:19	01:17	Blank Spike
V2W3066-BSD	2W67469.D	08/15/24	12:53	01:51	Blank Spike Duplicate
V2W3067-BSD	2W67469A.D	08/15/24	12:53	01:51	Blank Spike Duplicate
V2W3066-MB	2W67471.D	08/15/24	14:19	03:17	Method Blank
V2W3067-MB	2W67471A.D	08/15/24	14:19	03:17	Method Blank
JD93502-6	2W67472.D	08/15/24	15:02	04:00	(used for QC only; not part of job JD97727)
JD93502-6DUP	2W67473.D	08/15/24	15:36	04:34	Duplicate
ZZZZZZ	2W67475.D	08/15/24	16:43	05:41	(unrelated sample)
ZZZZZZ	2W67479.D	08/15/24	18:59	07:57	(unrelated sample)
JD93575-1	2W67482.D	08/15/24	20:47	09:45	(used for QC only; not part of job JD97727)
JD93575-1DUP	2W67483.D	08/15/24	21:28	10:26	Duplicate
ZZZZZZ	2W67484.D	08/15/24	22:08	11:06	(unrelated sample)
ZZZZZZ	2W67485.D	08/15/24	22:48	11:46	(unrelated sample)
ZZZZZZ	2W67486.D	08/15/24	23:29	12:27	(unrelated sample)
V2W3066-SCC	2W67489.D	08/16/24	01:24	14:22	Summa Cleaning Certification
V2W3067-SCC	2W67489A.D	08/16/24	01:24	14:22	Summa Cleaning Certification
V2W3067-SCC	2W67490A.D	08/16/24	02:04	15:02	Summa Cleaning Certification
V2W3066-SCC	2W67490.D	08/16/24	02:04	15:02	Summa Cleaning Certification
V2W3066-SCC	2W67491.D	08/16/24	02:44	15:42	Summa Cleaning Certification
V2W3067-SCC	2W67491A.D	08/16/24	02:44	15:42	Summa Cleaning Certification
ZZZZZZ	2W67492.D	08/16/24	08:31	21:29	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample:	V2W3066-BFB	Injection Date:	08/15/24
Lab File ID:	2W67466.D	Injection Time:	11:02
Instrument ID:	GCMS2W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	2W67493.D	08/16/24	09:11	22:09	(unrelated sample)
ZZZZZZ	2W67494.D	08/16/24	09:44	22:42	(unrelated sample)
ZZZZZZ	2W67496.D	08/16/24	10:51	23:49	(unrelated sample)

6.5.2
6

Instrument Performance Check (BFB)

Page 1 of 2

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V2W3078-BFB
Lab File ID: 2W67593.D
Instrument ID: GCMS2W
Injection Date: 09/27/24
Injection Time: 11:26

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	27792	20.7	Pass
75	30.0 - 66.0% of mass 95	71192	53.1	Pass
95	Base peak, 100% relative abundance	134021	100.0	Pass
96	5.0 - 9.0% of mass 95	9463	7.06	Pass
173	Less than 2.0% of mass 174	552	0.41 (0.38) ^a	Pass
174	50.0 - 120.0% of mass 95	146091	109.0	Pass
175	4.0 - 9.01% of mass 174	11157	8.32 (7.64) ^a	Pass
176	93.0 - 101.0% of mass 174	138069	103.0 (94.5) ^a	Pass
177	5.0 - 9.0% of mass 176	9237	6.89 (6.69) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2W3079-CC2981	2W67594A.D	09/27/24	12:01	00:35	Continuing cal 10
V2W3078-CC2980	2W67594.D	09/27/24	12:01	00:35	Continuing cal 10
V2W3079-BS	2W67595A.D	09/27/24	13:18	01:52	Blank Spike
V2W3078-BS	2W67595.D	09/27/24	13:18	01:52	Blank Spike
V2W3079-BSD	2W67596A.D	09/27/24	13:52	02:26	Blank Spike Duplicate
V2W3078-BSD	2W67596.D	09/27/24	13:52	02:26	Blank Spike Duplicate
V2W3079-MB	2W67598A.D	09/27/24	15:14	03:48	Method Blank
V2W3078-MB	2W67598.D	09/27/24	15:14	03:48	Method Blank
ZZZZZZ	2W67599.D	09/27/24	16:06	04:40	(unrelated sample)
JD96663-2	2W67600.D	09/27/24	16:46	05:20	(used for QC only; not part of job JD97727)
JD96663-2DUP	2W67601.D	09/27/24	17:26	06:00	Duplicate
ZZZZZZ	2W67602.D	09/27/24	18:06	06:40	(unrelated sample)
V2W3079-SCC	2W67605A.D	09/27/24	20:00	08:34	Summa Cleaning Certification
V2W3078-SCC	2W67605.D	09/27/24	20:00	08:34	Summa Cleaning Certification
V2W3079-SCC	2W67606A.D	09/27/24	20:41	09:15	Summa Cleaning Certification
V2W3078-SCC	2W67606.D	09/27/24	20:41	09:15	Summa Cleaning Certification
V2W3079-SCC	2W67607A.D	09/27/24	21:21	09:55	Summa Cleaning Certification
V2W3078-SCC	2W67607.D	09/27/24	21:21	09:55	Summa Cleaning Certification
V2W3079-SCC	2W67608A.D	09/27/24	22:02	10:36	Summa Cleaning Certification
V2W3078-SCC	2W67608.D	09/27/24	22:02	10:36	Summa Cleaning Certification
V2W3079-SCC	2W67609A.D	09/27/24	22:42	11:16	Summa Cleaning Certification
V2W3078-SCC	2W67609.D	09/27/24	22:42	11:16	Summa Cleaning Certification
V2W3079-SCC	2W67610A.D	09/27/24	23:22	11:56	Summa Cleaning Certification
V2W3078-SCC	2W67610.D	09/27/24	23:22	11:56	Summa Cleaning Certification

Instrument Performance Check (BFB)

Page 2 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V2W3078-BFB

Injection Date: 09/27/24

Lab File ID: 2W67593.D

Injection Time: 11:26

Instrument ID: GCMS2W

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2W3079-SCC	2W67611A.D	09/28/24	00:02	12:36	Summa Cleaning Certification
V2W3078-SCC	2W67611.D	09/28/24	00:02	12:36	Summa Cleaning Certification
V2W3079-SCC	2W67612A.D	09/28/24	00:42	13:16	Summa Cleaning Certification
V2W3078-SCC	2W67612.D	09/28/24	00:42	13:16	Summa Cleaning Certification
V2W3079-SCC	2W67613A.D	09/28/24	01:22	13:56	Summa Cleaning Certification
V2W3078-SCC	2W67613.D	09/28/24	01:22	13:56	Summa Cleaning Certification
V2W3079-SCC	2W67614A.D	09/28/24	02:02	14:36	Summa Cleaning Certification
V2W3078-SCC	2W67614.D	09/28/24	02:02	14:36	Summa Cleaning Certification
V2W3079-SCC	2W67615A.D	09/28/24	02:42	15:16	Summa Cleaning Certification
V2W3078-SCC	2W67615.D	09/28/24	02:42	15:16	Summa Cleaning Certification
V2W3079-SCC	2W67616A.D	09/28/24	03:21	15:55	Summa Cleaning Certification
V2W3078-SCC	2W67616.D	09/28/24	03:21	15:55	Summa Cleaning Certification
V2W3078-SCC	2W67617.D	09/28/24	04:01	16:35	Summa Cleaning Certification
V2W3079-SCC	2W67617A.D	09/28/24	04:01	16:35	Summa Cleaning Certification

6.5.3

6

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V2W3081-BFB

Injection Date: 10/11/24

Lab File ID: 2W67630.D

Injection Time: 11:11

Instrument ID: GCMS2W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	31011	19.4	Pass
75	30.0 - 66.0% of mass 95	85418	53.5	Pass
95	Base peak, 100% relative abundance	159808	100.0	Pass
96	5.0 - 9.0% of mass 95	11386	7.12	Pass
173	Less than 2.0% of mass 174	640	0.40 (0.39) ^a	Pass
174	50.0 - 120.0% of mass 95	163221	102.1	Pass
175	4.0 - 9.01% of mass 174	11231	7.03 (6.88) ^a	Pass
176	93.0 - 101.0% of mass 174	157235	98.4 (96.3) ^a	Pass
177	5.0 - 9.0% of mass 176	10975	6.87 (6.98) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2W3081-CC2980	2W67631.D	10/11/24	11:45	00:34	Continuing cal 10
V2W3082-CC2981	2W67631A.D	10/11/24	11:45	00:34	Continuing cal 10
V2W3082-BS	2W67632A.D	10/11/24	12:29	01:18	Blank Spike
V2W3081-BS	2W67632.D	10/11/24	12:29	01:18	Blank Spike
V2W3082-BSD	2W67633A.D	10/11/24	13:03	01:52	Blank Spike Duplicate
V2W3081-BSD	2W67633.D	10/11/24	13:03	01:52	Blank Spike Duplicate
V2W3082-MB	2W67635A.D	10/11/24	14:25	03:14	Method Blank
V2W3081-MB	2W67635.D	10/11/24	14:25	03:14	Method Blank
JD97727-6	2W67636.D	10/11/24	15:14	04:03	LV-01-SV-G-00-12-20241004
JD97727-6DUP	2W67637.D	10/11/24	15:54	04:43	Duplicate
JD97727-5	2W67638.D	10/11/24	16:35	05:24	LV-02-SV-G-00-06-20241004
JD97727-4	2W67639.D	10/11/24	17:19	06:08	LV-04-IA-G-48-20241003-DU
JD97727-3	2W67640.D	10/11/24	18:00	06:49	LV-04-IA-G-48-20241003
JD97727-2	2W67641.D	10/11/24	18:44	07:33	LV-05-IA-G-48-20241003
JD97727-1	2W67642.D	10/11/24	19:25	08:14	LV-03-IA-G-42-20241003
JD97744-1	2W67644.D	10/11/24	20:39	09:28	(used for QC only; not part of job JD97727)
JD97744-1DUP	2W67645.D	10/11/24	21:19	10:08	Duplicate

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V3W3499-BFB

Injection Date: 09/09/24

Lab File ID: 3W88654.D

Injection Time: 02:29

Instrument ID: GCMS3W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	52640	30.1	Pass
75	30.0 - 66.0% of mass 95	107221	61.3	Pass
95	Base peak, 100% relative abundance	174891	100.0	Pass
96	5.0 - 9.0% of mass 95	11581	6.62	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	154816	88.5	Pass
175	4.0 - 9.01% of mass 174	12056	6.89 (7.79) ^a	Pass
176	93.0 - 101.0% of mass 174	150016	85.8 (96.9) ^a	Pass
177	5.0 - 9.0% of mass 176	9496	5.43 (6.33) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W3499-IC3499	3W88655.D	09/09/24	03:09	00:40	Initial cal 0.04
V3W3499-IC3499	3W88656.D	09/09/24	03:49	01:20	Initial cal 0.1
V3W3499-IC3499	3W88657.D	09/09/24	04:30	02:01	Initial cal 0.2
V3W3499-IC3499	3W88659.D	09/09/24	05:54	03:25	Initial cal 0.5
V3W3499-IC3499	3W88661.D	09/09/24	07:18	04:49	Initial cal 5
V3W3499-ICC3499	3W88662.D	09/09/24	07:57	05:28	Initial cal 10
V3W3499-IC3499	3W88663.D	09/09/24	08:38	06:09	Initial cal 20
V3W3499-IC3499	3W88664.D	09/09/24	09:22	06:53	Initial cal 40
V3W3499-ICV3499	3W88669.D	09/09/24	13:02	10:33	Initial cal verification 10

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V3W3505-BFB

Injection Date: 09/22/24

Lab File ID: 3W88844.D

Injection Time: 14:58

Instrument ID: GCMS3W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	39755	20.3	Pass
75	30.0 - 66.0% of mass 95	96571	49.2	Pass
95	Base peak, 100% relative abundance	196181	100.0	Pass
96	5.0 - 9.0% of mass 95	13208	6.73	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	178645	91.1	Pass
175	4.0 - 9.01% of mass 174	13955	7.11 (7.81) ^a	Pass
176	93.0 - 101.0% of mass 174	172800	88.1 (96.7) ^a	Pass
177	5.0 - 9.0% of mass 176	11634	5.93 (6.73) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W3505-CC3499	3W88845.D	09/22/24	15:38	00:40	Continuing cal 10
V3W3505-BS	3W88846.D	09/22/24	16:39	01:41	Blank Spike
V3W3505-BSD	3W88847.D	09/22/24	17:19	02:21	Blank Spike Duplicate
V3W3505-MB	3W88850.D	09/22/24	20:09	05:11	Method Blank
V3W3505-SCC	3W88851.D	09/22/24	20:55	05:57	Summa Cleaning Certification
V3W3505-SCC	3W88852.D	09/22/24	21:41	06:43	Summa Cleaning Certification
V3W3505-SCC	3W88853.D	09/22/24	22:27	07:29	Summa Cleaning Certification
V3W3505-SCC	3W88854.D	09/22/24	23:12	08:14	Summa Cleaning Certification
V3W3505-SCC	3W88855.D	09/22/24	23:52	08:54	Summa Cleaning Certification

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V3W3506-BFB

Injection Date: 09/23/24

Lab File ID: 3W88864.D

Injection Time: 10:08

Instrument ID: GCMS3W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	39373	24.9	Pass
75	30.0 - 66.0% of mass 95	91357	57.7	Pass
95	Base peak, 100% relative abundance	158229	100.0	Pass
96	5.0 - 9.0% of mass 95	10575	6.68	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	150651	95.2	Pass
175	4.0 - 9.01% of mass 174	12804	8.09 (8.50) ^a	Pass
176	93.0 - 101.0% of mass 174	146856	92.8 (97.5) ^a	Pass
177	5.0 - 9.0% of mass 176	9721	6.14 (6.62) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W3506-CC3499	3W88865.D	09/23/24	10:48	00:40	Continuing cal 10
V3W3506-BS	3W88866.D	09/23/24	11:30	01:22	Blank Spike
V3W3506-BSD	3W88867.D	09/23/24	12:11	02:03	Blank Spike Duplicate
V3W3506-MB	3W88870.D	09/23/24	15:24	05:16	Method Blank
V3W3506-SCC	3W88871.D	09/23/24	16:20	06:12	Summa Cleaning Certification
V3W3506-SCC	3W88873.D	09/23/24	17:47	07:39	Summa Cleaning Certification
V3W3506-SCC	3W88874.D	09/23/24	18:29	08:21	Summa Cleaning Certification
V3W3506-SCC	3W88875.D	09/23/24	19:09	09:01	Summa Cleaning Certification
V3W3506-SCC	3W88876.D	09/23/24	19:55	09:47	Summa Cleaning Certification
V3W3506-SCC	3W88877.D	09/23/24	20:41	10:33	Summa Cleaning Certification
V3W3506-SCC	3W88878.D	09/23/24	21:26	11:18	Summa Cleaning Certification
V3W3506-SCC	3W88879.D	09/23/24	22:12	12:04	Summa Cleaning Certification
V3W3506-SCC	3W88880.D	09/23/24	22:58	12:50	Summa Cleaning Certification
V3W3506-SCC	3W88881.D	09/23/24	23:43	13:35	Summa Cleaning Certification
V3W3506-SCC	3W88882.D	09/24/24	00:29	14:21	Summa Cleaning Certification
V3W3506-SCC	3W88883.D	09/24/24	01:14	15:06	Summa Cleaning Certification
V3W3506-SCC	3W88884.D	09/24/24	02:00	15:52	Summa Cleaning Certification
V3W3506-SCC	3W88885.D	09/24/24	02:46	16:38	Summa Cleaning Certification
V3W3506-SCC	3W88886.D	09/24/24	03:31	17:23	Summa Cleaning Certification
V3W3506-SCC	3W88887.D	09/24/24	04:17	18:09	Summa Cleaning Certification
V3W3506-SCC	3W88888.D	09/24/24	05:03	18:55	Summa Cleaning Certification
V3W3506-SCC	3W88889.D	09/24/24	05:49	19:41	Summa Cleaning Certification
V3W3506-SCC	3W88890.D	09/24/24	06:35	20:27	Summa Cleaning Certification

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V3W3508-BFB

Injection Date: 09/25/24

Lab File ID: 3W88907.D

Injection Time: 09:53

Instrument ID: GCMS3W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	42584	25.5	Pass
75	30.0 - 66.0% of mass 95	104029	62.3	Pass
95	Base peak, 100% relative abundance	166955	100.0	Pass
96	5.0 - 9.0% of mass 95	11075	6.63	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	157397	94.3	Pass
175	4.0 - 9.01% of mass 174	12817	7.68 (8.14) ^a	Pass
176	93.0 - 101.0% of mass 174	150819	90.3 (95.8) ^a	Pass
177	5.0 - 9.0% of mass 176	10444	6.26 (6.92) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W3508-CC3499	3W88908.D	09/25/24	10:37	00:44	Continuing cal 10
V3W3508-BS	3W88909.D	09/25/24	11:22	01:29	Blank Spike
V3W3508-BSD	3W88910.D	09/25/24	12:07	02:14	Blank Spike Duplicate
V3W3508-MB	3W88912.D	09/25/24	13:48	03:55	Method Blank
V3W3508-SCC	3W88913.D	09/25/24	14:52	04:59	Summa Cleaning Certification
V3W3508-SCC	3W88914.D	09/25/24	15:42	05:49	Summa Cleaning Certification
V3W3508-SCC	3W88915.D	09/25/24	16:31	06:38	Summa Cleaning Certification
V3W3508-SCC	3W88916.D	09/25/24	17:21	07:28	Summa Cleaning Certification
V3W3508-SCC	3W88917.D	09/25/24	18:10	08:17	Summa Cleaning Certification
V3W3508-SCC	3W88918.D	09/25/24	19:00	09:07	Summa Cleaning Certification
V3W3508-SCC	3W88919.D	09/25/24	19:49	09:56	Summa Cleaning Certification
V3W3508-SCC	3W88920.D	09/25/24	20:39	10:46	Summa Cleaning Certification
V3W3508-SCC	3W88921.D	09/25/24	21:28	11:35	Summa Cleaning Certification
V3W3508-SCC	3W88922.D	09/25/24	22:18	12:25	Summa Cleaning Certification
V3W3508-SCC	3W88923.D	09/25/24	23:07	13:14	Summa Cleaning Certification
V3W3508-SCC	3W88924.D	09/25/24	23:57	14:04	Summa Cleaning Certification
V3W3508-SCC	3W88925.D	09/26/24	00:46	14:53	Summa Cleaning Certification
V3W3508-SCC	3W88926.D	09/26/24	01:36	15:43	Summa Cleaning Certification
V3W3508-SCC	3W88927.D	09/26/24	02:25	16:32	Summa Cleaning Certification

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V3W3520-BFB

Injection Date: 10/12/24

Lab File ID: 3W89160.D

Injection Time: 15:57

Instrument ID: GCMS3W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	56069	24.9	Pass
75	30.0 - 66.0% of mass 95	110587	49.1	Pass
95	Base peak, 100% relative abundance	225301	100.0	Pass
96	5.0 - 9.0% of mass 95	14772	6.56	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	207232	92.0	Pass
175	4.0 - 9.01% of mass 174	16011	7.11 (7.73) ^a	Pass
176	93.0 - 101.0% of mass 174	200597	89.0 (96.8) ^a	Pass
177	5.0 - 9.0% of mass 176	12940	5.74 (6.45) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W3520-CC3499	3W89161.D	10/12/24	16:54	00:57	Continuing cal 10
V3W3520-BS	3W89162.D	10/12/24	17:50	01:53	Blank Spike
V3W3520-BSD	3W89163.D	10/12/24	18:47	02:50	Blank Spike Duplicate
V3W3520-MB	3W89170.D	10/13/24	01:26	09:29	Method Blank
JD97193-2	3W89171.D	10/13/24	02:22	10:25	(used for QC only; not part of job JD97727)
JD97193-2DUP	3W89172.D	10/13/24	03:18	11:21	Duplicate
ZZZZZZ	3W89173.D	10/13/24	04:14	12:17	(unrelated sample)
ZZZZZZ	3W89174.D	10/13/24	05:08	13:11	(unrelated sample)
ZZZZZZ	3W89175.D	10/13/24	06:03	14:06	(unrelated sample)
ZZZZZZ	3W89176.D	10/13/24	06:57	15:00	(unrelated sample)
JD97727-1	3W89177.D	10/13/24	07:57	16:00	LV-03-IA-G-42-20241003
JD97727-2	3W89178.D	10/13/24	08:54	16:57	LV-05-IA-G-48-20241003
JD97727-3	3W89179.D	10/13/24	09:53	17:56	LV-04-IA-G-48-20241003
JD97727-4	3W89180.D	10/13/24	10:49	18:52	LV-04-IA-G-48-20241003-DU

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V6W1375-BFB

Injection Date: 09/08/24

Lab File ID: 6W33125.D

Injection Time: 18:25

Instrument ID: GCMS6W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	6188	21.7	Pass
75	30.0 - 66.0% of mass 95	14681	51.4	Pass
95	Base peak, 100% relative abundance	28563	100.0	Pass
96	5.0 - 9.0% of mass 95	1798	6.29	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	23517	82.3	Pass
175	4.0 - 9.01% of mass 174	1753	6.14 (7.45) ^a	Pass
176	93.0 - 101.0% of mass 174	22995	80.5 (97.8) ^a	Pass
177	5.0 - 9.0% of mass 176	1466	5.13 (6.38) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V6W1375-IC1375	6W33126.D	09/08/24	18:59	00:34	Initial cal 0.002
V6W1375-IC1375	6W33127.D	09/08/24	19:31	01:06	Initial cal 0.005
V6W1375-IC1375	6W33128.D	09/08/24	20:05	01:40	Initial cal 0.01
V6W1375-IC1375	6W33129.D	09/08/24	20:39	02:14	Initial cal 0.02
V6W1375-IC1375	6W33132.D	09/08/24	22:26	04:01	Initial cal 0.05
V6W1375-ICC1375	6W33133.D	09/08/24	22:59	04:34	Initial cal 0.1
V6W1375-IC1375	6W33134.D	09/08/24	23:33	05:08	Initial cal 0.2
V6W1375-IC1375	6W33135.D	09/09/24	00:08	05:43	Initial cal 0.5
V6W1375-IC1375	6W33136.D	09/09/24	00:46	06:21	Initial cal 1.0
V6W1375-IC1375	6W33137.D	09/09/24	01:32	07:07	Initial cal 2.0
V6W1375-ICV1375	6W33142.D	09/09/24	18:10	23:45	Initial cal verification 0.1

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V6W1388-BFB

Injection Date: 09/25/24

Lab File ID: 6W33415.D

Injection Time: 17:17

Instrument ID: GCMS6W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	7078	22.9	Pass
75	30.0 - 66.0% of mass 95	15285	49.5	Pass
95	Base peak, 100% relative abundance	30896	100.0	Pass
96	5.0 - 9.0% of mass 95	1968	6.37	Pass
173	Less than 2.0% of mass 174	117	0.38 (0.41) ^a	Pass
174	50.0 - 120.0% of mass 95	28701	92.9	Pass
175	4.0 - 9.01% of mass 174	2288	7.41 (7.97) ^a	Pass
176	93.0 - 101.0% of mass 174	27675	89.6 (96.4) ^a	Pass
177	5.0 - 9.0% of mass 176	1851	5.99 (6.69) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V6W1388-CC1375	6W33416.D	09/25/24	17:53	00:36	Continuing cal 0.1
V6W1388-BS	6W33417.D	09/25/24	19:08	01:51	Blank Spike
V6W1388-BSD	6W33418.D	09/25/24	19:46	02:29	Blank Spike Duplicate
V6W1388-MB	6W33421.D	09/25/24	21:57	04:40	Method Blank
V6W1388-SCC	6W33422.D	09/25/24	22:41	05:24	Summa Cleaning Certification
V6W1388-SCC	6W33423.D	09/25/24	23:25	06:08	Summa Cleaning Certification
V6W1388-SCC	6W33425.D	09/26/24	00:52	07:35	Summa Cleaning Certification
V6W1388-SCC	6W33426.D	09/26/24	01:35	08:18	Summa Cleaning Certification
V6W1388-SCC	6W33427.D	09/26/24	02:20	09:03	Summa Cleaning Certification
V6W1388-SCC	6W33428.D	09/26/24	03:03	09:46	Summa Cleaning Certification
V6W1388-SCC	6W33429.D	09/26/24	03:46	10:29	Summa Cleaning Certification
V6W1388-SCC	6W33430.D	09/26/24	08:59	15:42	Summa Cleaning Certification
V6W1388-SCC	6W33431.D	09/26/24	09:42	16:25	Summa Cleaning Certification
V6W1388-SCC	6W33432.D	09/26/24	10:25	17:08	Summa Cleaning Certification
V6W1388-SCC	6W33433.D	09/26/24	11:08	17:51	Summa Cleaning Certification
V6W1388-SCC	6W33434.D	09/26/24	11:51	18:34	Summa Cleaning Certification
V6W1388-SCC	6W33435.D	09/26/24	12:34	19:17	Summa Cleaning Certification
V6W1388-SCC	6W33436.D	09/26/24	13:17	20:00	Summa Cleaning Certification
V6W1388-SCC	6W33437.D	09/26/24	14:00	20:43	Summa Cleaning Certification
V6W1388-SCC	6W33438.D	09/26/24	14:42	21:25	Summa Cleaning Certification
V6W1388-SCC	6W33439.D	09/26/24	15:25	22:08	Summa Cleaning Certification
V6W1388-SCC	6W33440.D	09/26/24	16:08	22:51	Summa Cleaning Certification
V6W1388-SCC	6W33441.D	09/26/24	16:51	23:34	Summa Cleaning Certification

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V6W1398-BFB

Injection Date: 10/16/24

Lab File ID: 6W33666.D

Injection Time: 17:35

Instrument ID: GCMS6W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	6958	26.2	Pass
75	30.0 - 66.0% of mass 95	13031	49.1	Pass
95	Base peak, 100% relative abundance	26536	100.0	Pass
96	5.0 - 9.0% of mass 95	1690	6.37	Pass
173	Less than 2.0% of mass 174	231	0.87 (0.93) ^a	Pass
174	50.0 - 120.0% of mass 95	24872	93.7	Pass
175	4.0 - 9.01% of mass 174	1809	6.82 (7.27) ^a	Pass
176	93.0 - 101.0% of mass 174	25083	94.5 (100.8) ^a	Pass
177	5.0 - 9.0% of mass 176	1513	5.70 (6.03) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V6W1398-CC1375	6W33667.D	10/16/24	18:13	00:38	Continuing cal 0.1
V6W1398-BS	6W33668.D	10/16/24	18:50	01:15	Blank Spike
V6W1398-BSD	6W33669.D	10/16/24	19:28	01:53	Blank Spike Duplicate
V6W1398-MB	6W33671.D	10/16/24	21:00	03:25	Method Blank
JD97727-1	6W33672.D	10/16/24	23:42	06:07	LV-03-IA-G-42-20241003
JD97727-2	6W33673.D	10/17/24	00:30	06:55	LV-05-IA-G-48-20241003
JD97727-3	6W33674.D	10/17/24	01:15	07:40	LV-04-IA-G-48-20241003
JD97727-4	6W33675.D	10/17/24	02:03	08:28	LV-04-IA-G-48-20241003-DU
ZZZZZZ	6W33676.D	10/17/24	02:47	09:12	(unrelated sample)
ZZZZZZ	6W33677.D	10/17/24	03:30	09:55	(unrelated sample)
ZZZZZZ	6W33678.D	10/17/24	04:14	10:39	(unrelated sample)
ZZZZZZ	6W33679.D	10/17/24	04:57	11:22	(unrelated sample)
JD97795-3	6W33680.D	10/17/24	05:40	12:05	(used for QC only; not part of job JD97727)
JD97795-3DUP	6W33681.D	10/17/24	06:23	12:48	Duplicate
ZZZZZZ	6W33682.D	10/17/24	07:06	13:31	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 2

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V7W305-BFB
Lab File ID: 7W07974.D
Instrument ID: GCMS7W
Injection Date: 08/18/24
Injection Time: 21:06

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	20443	24.4	Pass
75	30.0 - 66.0% of mass 95	43320	51.7	Pass
95	Base peak, 100% relative abundance	83736	100.0	Pass
96	5.0 - 9.0% of mass 95	5915	7.06	Pass
173	Less than 2.0% of mass 174	627	0.75 (1.02) ^a	Pass
174	50.0 - 120.0% of mass 95	61525	73.5	Pass
175	4.0 - 9.01% of mass 174	4526	5.41 (7.36) ^a	Pass
176	93.0 - 101.0% of mass 174	58768	70.2 (95.5) ^a	Pass
177	5.0 - 9.0% of mass 176	3856	4.60 (6.56) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W305-IC305	7W07975.D	08/18/24	21:40	00:34	Initial cal 0.04
V7W305-IC305	7W07976.D	08/18/24	22:13	01:07	Initial cal 0.10
V7W305-IC305	7W07977.D	08/18/24	22:49	01:43	Initial cal 0.20
V7W305-IC305	7W07978.D	08/18/24	23:22	02:16	Initial cal 0.50
V7W305-IC305	7W07979.D	08/19/24	00:01	02:55	Initial cal 5
V7W305-ICC305	7W07980.D	08/19/24	00:35	03:29	Initial cal 10
V7W305-IC305	7W07981.D	08/19/24	01:10	04:04	Initial cal 20
V7W305-IC305	7W07982.D	08/19/24	01:48	04:42	Initial cal 40
V7W305-IC305	7W07983.D	08/19/24	02:28	05:22	Initial cal 50
V7W305-ICV305	7W07990.D	08/19/24	06:28	09:22	Initial cal verification 10
V7W306-BS	7W07991.D	08/19/24	07:07	10:01	Blank Spike
V7W306-BSD	7W07992.D	08/19/24	07:40	10:34	Blank Spike Duplicate
V7W306-MB	7W07996.D	08/19/24	10:30	13:24	Method Blank
ZZZZZZ	7W07997.D	08/19/24	11:04	13:58	(unrelated sample)
ZZZZZZ	7W07998.D	08/19/24	11:39	14:33	(unrelated sample)
ZZZZZZ	7W07999.D	08/19/24	12:15	15:09	(unrelated sample)
JD93469-1	7W08000.D	08/19/24	12:50	15:44	(used for QC only; not part of job JD97727)
JD93469-1DUP	7W08001.D	08/19/24	13:26	16:20	Duplicate
ZZZZZZ	7W08002.D	08/19/24	14:07	17:01	(unrelated sample)
ZZZZZZ	7W08003.D	08/19/24	14:50	17:44	(unrelated sample)
ZZZZZZ	7W08004.D	08/19/24	15:30	18:24	(unrelated sample)
ZZZZZZ	7W08005.D	08/19/24	16:05	18:59	(unrelated sample)
ZZZZZZ	7W08006.D	08/19/24	16:46	19:40	(unrelated sample)
ZZZZZZ	7W08007.D	08/19/24	17:31	20:25	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample:	V7W305-BFB	Injection Date:	08/18/24
Lab File ID:	7W07974.D	Injection Time:	21:06
Instrument ID:	GCMS7W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	7W08008.D	08/19/24	18:11	21:05	(unrelated sample)
ZZZZZZ	7W08009.D	08/19/24	18:52	21:46	(unrelated sample)
ZZZZZZ	7W08010.D	08/19/24	20:04	22:58	(unrelated sample)
ZZZZZZ	7W08011.D	08/19/24	20:43	23:37	(unrelated sample)

Instrument Performance Check (BFB)

Page 1 of 2

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V7W309-BFB
Lab File ID: 7W08087.D
Instrument ID: GCMS7W
Injection Date: 08/22/24
Injection Time: 12:07

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	17245	24.7	Pass
75	30.0 - 66.0% of mass 95	36619	52.3	Pass
95	Base peak, 100% relative abundance	69957	100.0	Pass
96	5.0 - 9.0% of mass 95	4508	6.44	Pass
173	Less than 2.0% of mass 174	443	0.63 (0.84) ^a	Pass
174	50.0 - 120.0% of mass 95	52795	75.5	Pass
175	4.0 - 9.01% of mass 174	3722	5.32 (7.05) ^a	Pass
176	93.0 - 101.0% of mass 174	50403	72.0 (95.5) ^a	Pass
177	5.0 - 9.0% of mass 176	3458	4.94 (6.86) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W309-CC305	7W08088.D	08/22/24	12:41	00:34	Continuing cal 10
V7W309-BS	7W08089.D	08/22/24	13:23	01:16	Blank Spike
V7W309-BSD	7W08090.D	08/22/24	13:57	01:50	Blank Spike Duplicate
V7W309-MB	7W08092.D	08/22/24	15:17	03:10	Method Blank
JD93007-1	7W08093.D	08/22/24	16:51	04:44	(used for QC only; not part of job JD97727)
JD93007-1DUP	7W08094.D	08/22/24	17:31	05:24	Duplicate
ZZZZZZ	7W08095.D	08/22/24	18:10	06:03	(unrelated sample)
ZZZZZZ	7W08096.D	08/22/24	18:51	06:44	(unrelated sample)
ZZZZZZ	7W08097.D	08/22/24	19:30	07:23	(unrelated sample)
ZZZZZZ	7W08098.D	08/22/24	20:04	07:57	(unrelated sample)
ZZZZZZ	7W08099.D	08/22/24	20:38	08:31	(unrelated sample)
ZZZZZZ	7W08100.D	08/22/24	21:12	09:05	(unrelated sample)
ZZZZZZ	7W08101.D	08/22/24	21:46	09:39	(unrelated sample)
ZZZZZZ	7W08102.D	08/22/24	22:25	10:18	(unrelated sample)
ZZZZZZ	7W08103.D	08/22/24	23:00	10:53	(unrelated sample)
ZZZZZZ	7W08104.D	08/22/24	23:35	11:28	(unrelated sample)
ZZZZZZ	7W08105.D	08/23/24	00:10	12:03	(unrelated sample)
ZZZZZZ	7W08106.D	08/23/24	00:45	12:38	(unrelated sample)
ZZZZZZ	7W08107.D	08/23/24	01:19	13:12	(unrelated sample)
ZZZZZZ	7W08108.D	08/23/24	01:53	13:46	(unrelated sample)
ZZZZZZ	7W08110.D	08/23/24	03:08	15:01	(unrelated sample)
ZZZZZZ	7W08111.D	08/23/24	03:42	15:35	(unrelated sample)
ZZZZZZ	7W08112.D	08/23/24	04:19	16:12	(unrelated sample)
ZZZZZZ	7W08113.D	08/23/24	04:54	16:47	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample:	V7W309-BFB	Injection Date:	08/22/24
Lab File ID:	7W08087.D	Injection Time:	12:07
Instrument ID:	GCMS7W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W309-SCC	7W08114.D	08/23/24	05:33	17:26	Summa Cleaning Certification
V7W309-SCC	7W08115.D	08/23/24	06:12	18:05	Summa Cleaning Certification
V7W309-SCC	7W08116.D	08/23/24	06:51	18:44	Summa Cleaning Certification
V7W309-SCC	7W08117.D	08/23/24	07:30	19:23	Summa Cleaning Certification
V7W309-SCC	7W08118.D	08/23/24	08:10	20:03	Summa Cleaning Certification
V7W309-SCC	7W08120.D	08/23/24	09:17	21:10	Summa Cleaning Certification
V7W309-SCC	7W08121.D	08/23/24	09:56	21:49	Summa Cleaning Certification

6.5.14
6

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V7W310-BFB
Lab File ID: 7W08122.D
Instrument ID: GCMS7W
Injection Date: 08/23/24
Injection Time: 11:57

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	18509	25.0	Pass
75	30.0 - 66.0% of mass 95	38352	51.9	Pass
95	Base peak, 100% relative abundance	73901	100.0	Pass
96	5.0 - 9.0% of mass 95	4797	6.49	Pass
173	Less than 2.0% of mass 174	598	0.81 (1.07) ^a	Pass
174	50.0 - 120.0% of mass 95	56013	75.8	Pass
175	4.0 - 9.01% of mass 174	3883	5.25 (6.93) ^a	Pass
176	93.0 - 101.0% of mass 174	53947	73.0 (96.3) ^a	Pass
177	5.0 - 9.0% of mass 176	3477	4.70 (6.45) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W310-CC305	7W08124.D	08/23/24	13:20	01:23	Continuing cal 10
V7W310-BS	7W08125.D	08/23/24	14:10	02:13	Blank Spike
V7W310-BSD	7W08126.D	08/23/24	14:43	02:46	Blank Spike Duplicate
V7W310-MB	7W08129.D	08/23/24	17:08	05:11	Method Blank
V7W310-SCC	7W08130.D	08/23/24	18:19	06:22	Summa Cleaning Certification
JD93572-1	7W08132.D	08/23/24	19:38	07:41	(used for QC only; not part of job JD97727)
JD93572-1DUP	7W08133.D	08/23/24	20:17	08:20	Duplicate
ZZZZZZ	7W08134.D	08/23/24	20:57	09:00	(unrelated sample)
ZZZZZZ	7W08135.D	08/23/24	21:37	09:40	(unrelated sample)
ZZZZZZ	7W08136.D	08/23/24	22:12	10:15	(unrelated sample)
ZZZZZZ	7W08137.D	08/23/24	22:47	10:50	(unrelated sample)
ZZZZZZ	7W08138.D	08/23/24	23:22	11:25	(unrelated sample)
ZZZZZZ	7W08139.D	08/23/24	23:55	11:58	(unrelated sample)
ZZZZZZ	7W08140.D	08/24/24	00:30	12:33	(unrelated sample)
ZZZZZZ	7W08141.D	08/24/24	01:04	13:07	(unrelated sample)
ZZZZZZ	7W08142.D	08/24/24	01:44	13:47	(unrelated sample)
ZZZZZZ	7W08144.D	08/24/24	02:53	14:56	(unrelated sample)
ZZZZZZ	7W08146.D	08/24/24	04:02	16:05	(unrelated sample)
ZZZZZZ	7W08147.D	08/24/24	04:36	16:39	(unrelated sample)
V7W310-SCC	7W08154.D	08/24/24	08:41	20:44	Summa Cleaning Certification
V7W310-SCC	7W08156.D	08/24/24	10:02	22:05	Summa Cleaning Certification
V7W310-SCC	7W08157.D	08/24/24	10:41	22:44	Summa Cleaning Certification
V7W310-SCC	7W08158.D	08/24/24	11:21	23:24	Summa Cleaning Certification

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample: V7W339-BFB
Lab File ID: 7W09098.D
Instrument ID: GCMS7W
Injection Date: 09/23/24
Injection Time: 10:04

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	16056	21.3	Pass
75	30.0 - 66.0% of mass 95	35749	47.5	Pass
95	Base peak, 100% relative abundance	75251	100.0	Pass
96	5.0 - 9.0% of mass 95	5014	6.66	Pass
173	Less than 2.0% of mass 174	382	0.51 (0.63) ^a	Pass
174	50.0 - 120.0% of mass 95	60411	80.3	Pass
175	4.0 - 9.01% of mass 174	4087	5.43 (6.77) ^a	Pass
176	93.0 - 101.0% of mass 174	58171	77.3 (96.3) ^a	Pass
177	5.0 - 9.0% of mass 176	3853	5.12 (6.62) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W339-CC305	7W09099.D	09/23/24	10:39	00:35	Continuing cal 10
V7W339-BS	7W09100.D	09/23/24	11:18	01:14	Blank Spike
V7W339-BSD	7W09101.D	09/23/24	11:53	01:49	Blank Spike Duplicate
V7W339-MB	7W09103.D	09/23/24	13:34	03:30	Method Blank
ZZZZZZ	7W09104.D	09/23/24	14:31	04:27	(unrelated sample)
ZZZZZZ	7W09107.D	09/23/24	16:30	06:26	(unrelated sample)
ZZZZZZ	7W09108.D	09/23/24	17:06	07:02	(unrelated sample)
JD96516-1	7W09109.D	09/23/24	17:44	07:40	(used for QC only; not part of job JD97727)
JD96516-1DUP	7W09110.D	09/23/24	18:20	08:16	Duplicate
ZZZZZZ	7W09111.D	09/23/24	18:57	08:53	(unrelated sample)
ZZZZZZ	7W09113.D	09/23/24	20:09	10:05	(unrelated sample)
ZZZZZZ	7W09114.D	09/23/24	20:46	10:42	(unrelated sample)
ZZZZZZ	7W09115.D	09/23/24	21:23	11:19	(unrelated sample)
ZZZZZZ	7W09116.D	09/23/24	21:59	11:55	(unrelated sample)
ZZZZZZ	7W09117.D	09/23/24	22:36	12:32	(unrelated sample)
ZZZZZZ	7W09118.D	09/23/24	23:11	13:07	(unrelated sample)
ZZZZZZ	7W09119.D	09/23/24	23:47	13:43	(unrelated sample)
JD96516-1	7W09120.D	09/24/24	00:22	14:18	(used for QC only; not part of job JD97727)
V7W339-SCC	7W09121.D	09/24/24	01:03	14:59	Summa Cleaning Certification
V7W339-SCC	7W09122.D	09/24/24	01:44	15:40	Summa Cleaning Certification
V7W339-SCC	7W09123.D	09/24/24	02:24	16:20	Summa Cleaning Certification
V7W339-SCC	7W09124.D	09/24/24	03:05	17:01	Summa Cleaning Certification
ZZZZZZ	7W09125.D	09/24/24	03:41	17:37	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample:	V7W361-BFB	Injection Date:	10/15/24
Lab File ID:	7W09690.D	Injection Time:	11:23
Instrument ID:	GCMS7W		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	17171	19.9	Pass
75	30.0 - 66.0% of mass 95	41453	48.1	Pass
95	Base peak, 100% relative abundance	86165	100.0	Pass
96	5.0 - 9.0% of mass 95	5854	6.79	Pass
173	Less than 2.0% of mass 174	530	0.62 (0.74) ^a	Pass
174	50.0 - 120.0% of mass 95	71541	83.0	Pass
175	4.0 - 9.01% of mass 174	5205	6.04 (7.28) ^a	Pass
176	93.0 - 101.0% of mass 174	68640	79.7 (95.9) ^a	Pass
177	5.0 - 9.0% of mass 176	4389	5.09 (6.39) ^b	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W361-CC305	7W09692.D	10/15/24	14:11	02:48	Continuing cal 10
V7W361-BS	7W09693.D	10/15/24	14:51	03:28	Blank Spike
V7W361-BSD	7W09694.D	10/15/24	15:27	04:04	Blank Spike Duplicate
V7W361-MB	7W09696.D	10/15/24	16:49	05:26	Method Blank
JD97727-1	7W09697.D	10/15/24	17:59	06:36	LV-03-IA-G-42-20241003
JD97727-2	7W09698.D	10/15/24	18:35	07:12	LV-05-IA-G-48-20241003
JD97727-3	7W09699.D	10/15/24	19:12	07:49	LV-04-IA-G-48-20241003
JD97727-4	7W09700.D	10/15/24	19:48	08:25	LV-04-IA-G-48-20241003-DU
JD97727-5	7W09701.D	10/15/24	20:24	09:01	LV-02-SV-G-00-06-20241004
JD97727-6	7W09702.D	10/15/24	21:00	09:37	LV-01-SV-G-00-12-20241004
JD97787-2	7W09703.D	10/15/24	21:36	10:13	(used for QC only; not part of job JD97727)
JD97787-2DUP	7W09704.D	10/15/24	22:12	10:49	Duplicate
ZZZZZZ	7W09705.D	10/15/24	22:48	11:25	(unrelated sample)
ZZZZZZ	7W09706.D	10/15/24	23:23	12:00	(unrelated sample)
ZZZZZZ	7W09707.D	10/15/24	23:59	12:36	(unrelated sample)
ZZZZZZ	7W09708.D	10/16/24	00:35	13:12	(unrelated sample)
ZZZZZZ	7W09709.D	10/16/24	01:11	13:48	(unrelated sample)
ZZZZZZ	7W09710.D	10/16/24	01:49	14:26	(unrelated sample)
ZZZZZZ	7W09711.D	10/16/24	02:25	15:02	(unrelated sample)
ZZZZZZ	7W09712.D	10/16/24	03:02	15:39	(unrelated sample)
ZZZZZZ	7W09713.D	10/16/24	03:39	16:16	(unrelated sample)
ZZZZZZ	7W09714.D	10/16/24	04:15	16:52	(unrelated sample)
ZZZZZZ	7W09715.D	10/16/24	04:51	17:28	(unrelated sample)
ZZZZZZ	7W09717.D	10/16/24	06:04	18:41	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Sample:	V7W361-BFB	Injection Date:	10/15/24
Lab File ID:	7W09690.D	Injection Time:	11:23
Instrument ID:	GCMS7W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V7W361-SCC	7W09718.D	10/16/24	06:40	19:17	Summa Cleaning Certification
V7W361-SCC	7W09719.D	10/16/24	07:16	19:53	Summa Cleaning Certification
V7W361-SCC	7W09720.D	10/16/24	07:52	20:29	Summa Cleaning Certification
V7W361-SCC	7W09721.D	10/16/24	08:27	21:04	Summa Cleaning Certification
V7W361-SCC	7W09722.D	10/16/24	09:03	21:40	Summa Cleaning Certification

6.5.17
6

Surrogate Recovery Summary

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Method: MADEP APH	Matrix: AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JD97727-1	2W67642.D	98
JD97727-2	2W67641.D	97
JD97727-3	2W67640.D	98
JD97727-4	2W67639.D	98
JD97727-5	2W67638.D	99
JD97727-6	2W67636.D	99
JD97727-6DUP	2W67637.D	99
V2W3066-SCC	2W67489.D	86
V2W3066-SCC	2W67491.D	87
V2W3078-SCC	2W67610.D	92
V2W3078-SCC	2W67617.D	93
V2W3078-SCC	2W67612.D	92
V2W3078-SCC	2W67614.D	91
V2W3081-BS	2W67632.D	98
V2W3081-BSD	2W67633.D	98
V2W3081-MB	2W67635.D	96
V2W3066-BS	2W67468.D	90
V2W3066-BSD	2W67469.D	91
V2W3066-MB	2W67471.D	89
V2W3078-BS	2W67595.D	97
V2W3078-BSD	2W67596.D	97
V2W3078-MB	2W67598.D	94

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	70-130%

Surrogate Recovery Summary

Page 1 of 2

Job Number: JD97727

Account: TTCOD Tetra Tech

Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Method: TO-15

Matrix: AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JD97727-1	7W09697.D	95
JD97727-1	3W89177.D	97
JD97727-2	7W09698.D	93
JD97727-2	3W89178.D	96
JD97727-3	7W09699.D	97
JD97727-3	3W89179.D	96
JD97727-4	7W09700.D	93
JD97727-4	3W89180.D	97
JD97727-5	7W09701.D	94
JD97727-6	7W09702.D	95
JD97193-2DUP	3W89172.D	95
JD97787-2DUP	7W09704.D	94
V3W3505-SCC	3W88854.D	95
V3W3506-SCC	3W88885.D	93
V3W3508-SCC	3W88915.D	91
V3W3520-BS	3W89162.D	101
V3W3520-BSD	3W89163.D	104
V3W3520-MB	3W89170.D	93
V7W309-SCC	7W08117.D	96
V7W310-SCC	7W08154.D	98
V7W339-SCC	7W09121.D	95
V7W361-BS	7W09693.D	94
V7W361-BSD	7W09694.D	95
V7W361-MB	7W09696.D	87
V3W3505-BS	3W88846.D	95
V3W3505-BSD	3W88847.D	97
V3W3505-MB	3W88850.D	107
V3W3506-BS	3W88866.D	91
V3W3506-BSD	3W88867.D	93
V3W3506-MB	3W88870.D	106
V3W3508-BS	3W88909.D	107
V3W3508-BSD	3W88910.D	112
V3W3508-MB	3W88912.D	92
V7W309-BS	7W08089.D	97
V7W309-BSD	7W08090.D	99
V7W309-MB	7W08092.D	97
V7W310-BS	7W08125.D	99
V7W310-BSD	7W08126.D	99
V7W310-MB	7W08129.D	99
V7W339-BS	7W09100.D	96

6.6.2

6

Surrogate Recovery Summary

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Method: TO-15	Matrix: AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
V7W339-BSD	7W09101.D	96
V7W339-MB	7W09103.D	95

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	65-128%

6.6.2
6

Surrogate Recovery Summary

Job Number: JD97727
Account: TTCOD Tetra Tech
Project: R8 START: Lewistown VA Clinic, Lewistown, Montana

Method: TO-15 (BY SIM)	Matrix: AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JD97727-1	6W33672.D	108
JD97727-2	6W33673.D	106
JD97727-3	6W33674.D	106
JD97727-4	6W33675.D	106
JD97795-3DUP	6W33681.D	106
V6W1388-SCC	6W33422.D	98
V6W1388-SCC	6W33430.D	101
V6W1388-SCC	6W33425.D	99
V6W1388-SCC	6W33427.D	99
V6W1398-BS	6W33668.D	105
V6W1398-BSD	6W33669.D	105
V6W1398-MB	6W33671.D	99
V6W1388-BS	6W33417.D	103
V6W1388-BSD	6W33418.D	103
V6W1388-MB	6W33421.D	99

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	65-128%

APPENDIX F: DATA VALIDATION PACKAGE



November 11, 2024

Mr. Steven Esrey
Tetra Tech Project Manager
1560 Broadway, Suite 1400
Denver, CO 80202

**Subject: Data Validation Report
Lewistown VA Clinic
EPA Contract No.: 68HE0820D0001
Task Order/Technical Direction No.: 68HE0823F0060/2306-2407-02
Document Tracking No. 1909**

Dear Ms. Esrey:

Tetra Tech, Inc. (Tetra Tech) is submitting this data validation report for 105 bulk samples, 4 indoor air samples (including one field duplicate pair), and 2 soil vapor samples were collected at the Lewistown VA Clinic site. The samples were collected on October 1-4, 2024. The bulk samples were analyzed for asbestos by Eurofins EPK Built Environment Testing, LLC in Tustin, CA, and the indoor air and soil vapor samples were analyzed for air-phase petroleum hydrocarbons and volatile organic compounds by SGS North America Inc. The final laboratory data package was received on November 5, 2024.

Analytical data were evaluated in general accordance with the Tetra Tech *Programmatic Quality Assurance Project Plan (QAPP) for EPA Region 8 START V Brownfields Task Order, Superfund Technical Assessment and Response Team (START V)*, EPA Region 8, Revision 6 (October 2024), the EPA *PLM Validation Process Guidelines for Asbestos Data Review* (October 2016), the EPA *National Functional Guidelines (NFG) for Organic Superfund Methods Data Review* (November 2020), and the EPA *National Functional Guidelines for Inorganic Superfund Methods Data Review* (November 2020).

No rejection or qualification of results was required for these data packages. The results may be used as received from the laboratory.

Please contact me if you have any questions regarding this data validation report.

Sincerely,

Environmental Chemist

Tetra Tech, Inc.
1560 Broadway, Suite 1400, Denver, CO 80202
Tel 303.312.8800
www.tetrattech.com

Enclosure

cc: Chris Burns, Tetra Tech Program Manager
Clayton Longest, Tetra Tech Project Document Control Coordinator
TO/TD File

ATTACHMENT

**DATA VALIDATION REPORT
EUROFINS EPK BUILT ENVIRONMENT TESTING, LLC
REPORT NO. 3805189
AND
SGS NORTH AMERICA INC.
REPORT NO. JD97727**

Stage 1 Data Verification Checklist

Lewistown VA Clinic

68HE0823F0060/2306-2407-02

Reviewed by: Kierra Johnson October 30, 2024

Laboratory: Eurofins EPK Built Environment Testing, LLC – Tustin, CA

Report No: 3805189 (including point count data)

- ☒ 1. Chain of custody (CoC) documentation is present.
- ☒ 2. Sample receipt condition information is present and acceptable.
- ☒ 3. Laboratory conducting the analysis is identified.
- ☒ 4. All samples submitted to the laboratory are accounted for.
- ☐ 5. Requested analytical methods were performed.
- ☒ 6. Analysis dates are provided.
- ☐ 7. Analyte results are provided.
- ☒ 8. Result qualifiers and definitions are provided.
- ☒ 9. Result units are reported.
- ☒ 10. Requested reporting limits are present.
- ☒ 11. Method detection limits are present.
- ☐ 12. Sample collection date and time are present.

Discrepancies:

- 5. Asbestos 400-point count analysis was requested, by email, for samples LV-B1-DW02-B, LV-B1-WG01-A, LV-B1-WG01-B, and LV-B1-WG01-C. However, an asbestos 1000-point count analysis was performed. This difference does not impact data quality because 1000-point count is more precise than a 400-point count.
- 7. For samples LV-B1-WG01-A and LV-B1-WG01-B, asbestos was detected but no point counting was conducted. The results were reported as < the reporting limit.
- 12. The CoC form lists sample dates of October 1 and 2, 2024. However, the laboratory report lists a sample date of October 1, 2024, for all samples. Also, no sample collection times are not provided.

Notes:

- 2. The laboratory report states that all samples were received in acceptable condition unless otherwise noted. However, samples LV-B1-GR01-A, LV-B1-GR01-B, LV-B1-GR01-C, LV-B1-RS01-A, LV-B1-RS01-B, LV-B1-RS01-C, LV-B1-DW02-A, LV-B1-DW02-B, and LV-B1-

DW02-C reportedly had poor homogeneity in their composites. There were no additional details in the laboratory report; therefore, it is assumed the samples met method criteria for analysis.

Stage 1 Data Verification Checklist

Lewistown VA Clinic

68HE0823F0060/2360-2407-02

Reviewed by: Kierra Johnson October 31, 2024

Laboratory: SGS North America Inc. – Dayton, NJ

Report No: JD97727

- √ 1. Chain of custody (CoC) documentation is present.
- √ 2. Sample receipt condition information is present and acceptable.
- √ 3. Laboratory conducting the analysis is identified.
- √ 4. All samples submitted to the laboratory are accounted for.
- √ 5. Requested analytical methods were performed.
- √ 6. Analysis dates are provided.
- √ 7. Analyte results are provided.
- √ 8. Result qualifiers and definitions are provided.
- √ 9. Result units are reported.
- √ 10. Requested reporting limits are present.
- √ 11. Method detection limits are present.
- √ 12. Sample collection date and time are present.

Discrepancies: None.

Notes:

- 1. The laboratory report and electronic data deliverable (EDD) were revised on November 05, 2024, to correct the sample names for samples LV-02-SV-G-00-06-20241004 and LV-01-SV-G-00-12-20241004.
- 2. The laboratory stated that all samples were received in acceptable condition unless otherwise noted. There were no additional details; therefore, it is assumed the samples met method criteria for analysis.
- 4. A planned soil gas field duplicate sample was not collected. This decision was made by project field and quality assurance leads to prevent schedule delay.
- 5. Analytical method MADEP APH was missing from the laboratory EDD. It was manually added to the Scribe EDD during data evaluation.
- 9. All results are expressed in units of both $\mu\text{g}/\text{m}^3$ and ppbv.

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-01-SV-G-00-12-20241004	MADEP APH	106-99-0	1,3-Butadiene	0.88	U	0.22	0.88	ug/m3	0.88	U
LV-01-SV-G-00-12-20241004	MADEP APH	106-99-0	1,3-Butadiene	0.40	U	0.098	0.40	ppbv	0.40	U
LV-01-SV-G-00-12-20241004	MADEP APH	71-43-2	Benzene	1.3	U	0.22	1.3	ug/m3	1.3	U
LV-01-SV-G-00-12-20241004	MADEP APH	71-43-2	Benzene	0.40	U	0.070	0.40	ppbv	0.40	U
LV-01-SV-G-00-12-20241004	MADEP APH		C5- C8 Aliphatics (APH)	130		0.30	9.1	ug/m3	130	
LV-01-SV-G-00-12-20241004	MADEP APH		C5- C8 Aliphatics (APH)	34.3		0.078	2.4	ppbv	34.3	
LV-01-SV-G-00-12-20241004	MADEP APH		C5- C8 Aliphatics (Unadj.)	138		1.5	9.1	ug/m3	138	
LV-01-SV-G-00-12-20241004	MADEP APH		C5- C8 Aliphatics (Unadj.)	36.4		0.40	2.4	ppbv	36.4	
LV-01-SV-G-00-12-20241004	MADEP APH		C9- C10 Aromatics (APH)	2.0	U	0.33	2.0	ppbv	2.0	U
LV-01-SV-G-00-12-20241004	MADEP APH		C9- C10 Aromatics (APH)	10.0	U	1.7	10	ug/m3	10.0	U
LV-01-SV-G-00-12-20241004	MADEP APH		C9- C12 Aliphatics (APH)	11.5		0.088	2.4	ppbv	11.5	
LV-01-SV-G-00-12-20241004	MADEP APH		C9- C12 Aliphatics (APH)	67.8		0.52	14	ug/m3	67.8	
LV-01-SV-G-00-12-20241004	MADEP APH		C9- C12 Aliphatics (Unadj.)	67.8		3.3	14	ug/m3	67.8	
LV-01-SV-G-00-12-20241004	MADEP APH		C9- C12 Aliphatics (Unadj.)	11.5		0.56	2.4	ppbv	11.5	
LV-01-SV-G-00-12-20241004	MADEP APH	100-41-4	Ethylbenzene	1.1	J	0.26	1.7	ug/m3	1.1	J
LV-01-SV-G-00-12-20241004	MADEP APH	100-41-4	Ethylbenzene	0.26	J	0.060	0.40	ppbv	0.26	J
LV-01-SV-G-00-12-20241004	MADEP APH	179601-23-1	m,p-Xylene	1.1		0.19	0.40	ppbv	1.1	
LV-01-SV-G-00-12-20241004	MADEP APH	179601-23-1	m,p-Xylene	4.8		0.83	1.7	ug/m3	4.8	
LV-01-SV-G-00-12-20241004	MADEP APH	1634-04-4	Methyl Tert Butyl Ether	1.4	U	0.21	1.4	ug/m3	1.4	U
LV-01-SV-G-00-12-20241004	MADEP APH	1634-04-4	Methyl Tert Butyl Ether	0.40	U	0.057	0.40	ppbv	0.40	U
LV-01-SV-G-00-12-20241004	MADEP APH	91-20-3	Naphthalene	2.1	U	1.8	2.1	ug/m3	2.1	U
LV-01-SV-G-00-12-20241004	MADEP APH	91-20-3	Naphthalene	0.40	U	0.34	0.40	ppbv	0.40	U
LV-01-SV-G-00-12-20241004	MADEP APH	95-47-6	o-Xylene	0.27	J	0.064	0.40	ppbv	0.27	J
LV-01-SV-G-00-12-20241004	MADEP APH	95-47-6	o-Xylene	1.2	J	0.28	1.7	ug/m3	1.2	J
LV-01-SV-G-00-12-20241004	MADEP APH	108-88-3	Toluene	0.39	J	0.059	0.40	ppbv	0.39	J
LV-01-SV-G-00-12-20241004	MADEP APH	108-88-3	Toluene	1.5	J	0.22	1.5	ug/m3	1.5	J
LV-01-SV-G-00-12-20241004	TO-15	71-55-6	1,1,1-Trichloroethane	4.4	U	1.7	4.4	ug/m3	4.4	U
LV-01-SV-G-00-12-20241004	TO-15	71-55-6	1,1,1-Trichloroethane	0.80	U	0.31	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	79-34-5	1,1,2,2-Tetrachloroethane	0.80	U	0.19	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	79-34-5	1,1,2,2-Tetrachloroethane	5.5	U	1.3	5.5	ug/m3	5.5	U
LV-01-SV-G-00-12-20241004	TO-15	79-00-5	1,1,2-Trichloroethane	0.80	U	0.15	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	79-00-5	1,1,2-Trichloroethane	4.4	U	0.82	4.4	ug/m3	4.4	U
LV-01-SV-G-00-12-20241004	TO-15	75-35-4	1,1-Dichloroethylene	3.2	U	0.95	3.2	ug/m3	3.2	U
LV-01-SV-G-00-12-20241004	TO-15	75-35-4	1,1-Dichloroethylene	0.80	U	0.24	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	120-82-1	1,2,4-Trichlorobenzene	0.80	U	0.48	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	120-82-1	1,2,4-Trichlorobenzene	5.9	U	3.6	5.9	ug/m3	5.9	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-01-SV-G-00-12-20241004	TO-15	95-63-6	1,2,4-Trimethylbenzene	0.80	U	0.35	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	95-63-6	1,2,4-Trimethylbenzene	3.9	U	1.7	3.9	ug/m3	3.9	U
LV-01-SV-G-00-12-20241004	TO-15	106-93-4	1,2-Dibromoethane (EDB)	0.80	U	0.12	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	106-93-4	1,2-Dibromoethane (EDB)	6.1	U	0.92	6.1	ug/m3	6.1	U
LV-01-SV-G-00-12-20241004	TO-15	107-06-2	1,2-Dichloroethane	0.80	U	0.28	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	107-06-2	1,2-Dichloroethane	3.2	U	1.1	3.2	ug/m3	3.2	U
LV-01-SV-G-00-12-20241004	TO-15	78-87-5	1,2-Dichloropropane	0.80	U	0.25	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	78-87-5	1,2-Dichloropropane	3.7	U	1.2	3.7	ug/m3	3.7	U
LV-01-SV-G-00-12-20241004	TO-15	108-67-8	1,3,5-Trimethylbenzene	3.9	U	1.6	3.9	ug/m3	3.9	U
LV-01-SV-G-00-12-20241004	TO-15	108-67-8	1,3,5-Trimethylbenzene	0.80	U	0.32	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	123-91-1	1,4-Dioxane	0.80	U	0.19	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	123-91-1	1,4-Dioxane	2.9	U	0.68	2.9	ug/m3	2.9	U
LV-01-SV-G-00-12-20241004	TO-15	591-78-6	2-Hexanone	3.3	U	2.4	3.3	ug/m3	3.3	U
LV-01-SV-G-00-12-20241004	TO-15	591-78-6	2-Hexanone	0.80	U	0.58	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	622-96-8	4-Ethyltoluene	0.80	U	0.38	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	622-96-8	4-Ethyltoluene	3.9	U	1.9	3.9	ug/m3	3.9	U
LV-01-SV-G-00-12-20241004	TO-15	67-64-1	Acetone (2-Propanone)	8.2		0.58	0.80	ppbv	8.2	
LV-01-SV-G-00-12-20241004	TO-15	67-64-1	Acetone (2-Propanone)	19.0		1.4	1.9	ug/m3	19.0	
LV-01-SV-G-00-12-20241004	TO-15	71-43-2	Benzene	0.80	U	0.19	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	71-43-2	Benzene	2.6	U	0.61	2.6	ug/m3	2.6	U
LV-01-SV-G-00-12-20241004	TO-15	100-44-7	Benzyl Chloride	0.80	U	0.50	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	100-44-7	Benzyl Chloride	4.1	U	2.6	4.1	ug/m3	4.1	U
LV-01-SV-G-00-12-20241004	TO-15	75-27-4	Bromodichloromethane	5.4	U	0.80	5.4	ug/m3	5.4	U
LV-01-SV-G-00-12-20241004	TO-15	75-27-4	Bromodichloromethane	0.80	U	0.12	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	75-25-2	Bromoform	8.3	U	2.9	8.3	ug/m3	8.3	U
LV-01-SV-G-00-12-20241004	TO-15	75-25-2	Bromoform	0.80	U	0.28	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	74-83-9	Bromomethane	0.80	U	0.28	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	74-83-9	Bromomethane	3.1	U	1.1	3.1	ug/m3	3.1	U
LV-01-SV-G-00-12-20241004	TO-15	75-15-0	Carbon disulfide	0.80	U	0.18	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	75-15-0	Carbon disulfide	2.5	U	0.56	2.5	ug/m3	2.5	U
LV-01-SV-G-00-12-20241004	TO-15	56-23-5	Carbon tetrachloride	5.0	U	1.0	5.0	ug/m3	5.0	U
LV-01-SV-G-00-12-20241004	TO-15	56-23-5	Carbon tetrachloride	0.80	U	0.16	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	108-90-7	Chlorobenzene	3.7	U	1.4	3.7	ug/m3	3.7	U
LV-01-SV-G-00-12-20241004	TO-15	108-90-7	Chlorobenzene	0.80	U	0.30	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	75-00-3	Chloroethane	0.80	U	0.27	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	75-00-3	Chloroethane	2.1	U	0.71	2.1	ug/m3	2.1	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-01-SV-G-00-12-20241004	TO-15	67-66-3	Chloroform	3.9	U	0.73	3.9	ug/m3	3.9	U
LV-01-SV-G-00-12-20241004	TO-15	67-66-3	Chloroform	0.80	U	0.15	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	74-87-3	Chloromethane	1.7	U	0.74	1.7	ug/m3	1.7	U
LV-01-SV-G-00-12-20241004	TO-15	74-87-3	Chloromethane	0.80	U	0.36	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	156-59-2	cis-1,2-Dichloroethylene	0.80	U	0.12	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	156-59-2	cis-1,2-Dichloroethylene	3.2	U	0.48	3.2	ug/m3	3.2	U
LV-01-SV-G-00-12-20241004	TO-15	10061-01-5	cis-1,3-Dichloropropene	0.80	U	0.25	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	10061-01-5	cis-1,3-Dichloropropene	3.6	U	1.1	3.6	ug/m3	3.6	U
LV-01-SV-G-00-12-20241004	TO-15	110-82-7	Cyclohexane	0.80	U	0.18	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	110-82-7	Cyclohexane	2.8	U	0.62	2.8	ug/m3	2.8	U
LV-01-SV-G-00-12-20241004	TO-15	124-48-1	Dibromochloromethane	6.8	U	1.8	6.8	ug/m3	6.8	U
LV-01-SV-G-00-12-20241004	TO-15	124-48-1	Dibromochloromethane	0.80	U	0.21	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	75-71-8	Dichlorodifluoromethane	0.80	U	0.42	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	75-71-8	Dichlorodifluoromethane	4.0	U	2.1	4.0	ug/m3	4.0	U
LV-01-SV-G-00-12-20241004	TO-15	141-78-6	Ethyl Acetate	0.96		0.42	0.80	ppbv	0.96	
LV-01-SV-G-00-12-20241004	TO-15	141-78-6	Ethyl Acetate	3.5		1.5	2.9	ug/m3	3.5	
LV-01-SV-G-00-12-20241004	TO-15	100-41-4	Ethylbenzene	3.5	U	1.0	3.5	ug/m3	3.5	U
LV-01-SV-G-00-12-20241004	TO-15	100-41-4	Ethylbenzene	0.80	U	0.24	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	76-13-1	Freon 113	6.1	U	0.92	6.1	ug/m3	6.1	U
LV-01-SV-G-00-12-20241004	TO-15	76-13-1	Freon 113	0.80	U	0.12	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	76-14-2	Freon 114	5.6	U	1.4	5.6	ug/m3	5.6	U
LV-01-SV-G-00-12-20241004	TO-15	76-14-2	Freon 114	0.80	U	0.20	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	142-82-5	Heptane	3.3	U	1.5	3.3	ug/m3	3.3	U
LV-01-SV-G-00-12-20241004	TO-15	142-82-5	Heptane	0.80	U	0.36	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	87-68-3	Hexachlorobutadiene	8.5	U	2.7	8.5	ug/m3	8.5	U
LV-01-SV-G-00-12-20241004	TO-15	87-68-3	Hexachlorobutadiene	0.80	U	0.25	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	110-54-3	Hexane	0.40	J	0.21	0.80	ppbv	0.40	J
LV-01-SV-G-00-12-20241004	TO-15	110-54-3	Hexane	1.4	J	0.74	2.8	ug/m3	1.4	J
LV-01-SV-G-00-12-20241004	TO-15	67-63-0	Isopropyl Alcohol	2.0	U	1.4	2.0	ug/m3	2.0	U
LV-01-SV-G-00-12-20241004	TO-15	67-63-0	Isopropyl Alcohol	0.80	U	0.56	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	98-82-8	Isopropylbenzene	3.9	U	1.3	3.9	ug/m3	3.9	U
LV-01-SV-G-00-12-20241004	TO-15	98-82-8	Isopropylbenzene	0.80	U	0.26	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	541-73-1	m-Dichlorobenzene	4.8	U	3.2	4.8	ug/m3	4.8	U
LV-01-SV-G-00-12-20241004	TO-15	541-73-1	m-Dichlorobenzene	0.80	U	0.53	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	78-93-3	Methyl ethyl ketone	0.49	J	0.44	0.80	ppbv	0.49	J
LV-01-SV-G-00-12-20241004	TO-15	78-93-3	Methyl ethyl ketone	1.4	J	1.3	2.4	ug/m3	1.4	J

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-01-SV-G-00-12-20241004	TO-15	108-10-1	Methyl Isobutyl Ketone	0.80	U	0.29	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	108-10-1	Methyl Isobutyl Ketone	3.3	U	1.2	3.3	ug/m3	3.3	U
LV-01-SV-G-00-12-20241004	TO-15	1634-04-4	Methyl Tert Butyl Ether	2.9	U	1.2	2.9	ug/m3	2.9	U
LV-01-SV-G-00-12-20241004	TO-15	1634-04-4	Methyl Tert Butyl Ether	0.80	U	0.32	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	75-09-2	Methylene chloride	2.8	U	1.8	2.8	ug/m3	2.8	U
LV-01-SV-G-00-12-20241004	TO-15	75-09-2	Methylene chloride	0.80	U	0.53	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	91-20-3	Naphthalene	4.2	U	2.7	4.2	ug/m3	4.2	U
LV-01-SV-G-00-12-20241004	TO-15	91-20-3	Naphthalene	0.80	U	0.51	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	95-50-1	o-Dichlorobenzene	0.80	U	0.28	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	95-50-1	o-Dichlorobenzene	4.8	U	1.7	4.8	ug/m3	4.8	U
LV-01-SV-G-00-12-20241004	TO-15	106-46-7	p-Dichlorobenzene	0.80	U	0.32	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	106-46-7	p-Dichlorobenzene	4.8	U	1.9	4.8	ug/m3	4.8	U
LV-01-SV-G-00-12-20241004	TO-15	115-07-1	Propylene	3.4	U	0.98	3.4	ug/m3	3.4	U
LV-01-SV-G-00-12-20241004	TO-15	115-07-1	Propylene	2.0	U	0.57	2.0	ppbv	2.0	U
LV-01-SV-G-00-12-20241004	TO-15	100-42-5	Styrene	0.96		0.21	0.80	ppbv	0.96	
LV-01-SV-G-00-12-20241004	TO-15	100-42-5	Styrene	4.1		0.89	3.4	ug/m3	4.1	
LV-01-SV-G-00-12-20241004	TO-15	127-18-4	Tetrachloroethylene	0.16	U	0.056	0.16	ppbv	0.16	U
LV-01-SV-G-00-12-20241004	TO-15	127-18-4	Tetrachloroethylene	1.1	U	0.38	1.1	ug/m3	1.1	U
LV-01-SV-G-00-12-20241004	TO-15	109-99-9	Tetrahydrofuran	0.80	U	0.36	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	109-99-9	Tetrahydrofuran	2.4	U	1.1	2.4	ug/m3	2.4	U
LV-01-SV-G-00-12-20241004	TO-15	108-88-3	Toluene	2.1	J	0.87	3.0	ug/m3	2.1	J
LV-01-SV-G-00-12-20241004	TO-15	108-88-3	Toluene	0.56	J	0.23	0.80	ppbv	0.56	J
LV-01-SV-G-00-12-20241004	TO-15	156-60-5	trans-1,2-Dichloroethylene	0.80	U	0.11	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	156-60-5	trans-1,2-Dichloroethylene	3.2	U	0.44	3.2	ug/m3	3.2	U
LV-01-SV-G-00-12-20241004	TO-15	10061-02-6	trans-1,3-Dichloropropene	0.80	U	0.40	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	10061-02-6	trans-1,3-Dichloropropene	3.6	U	1.8	3.6	ug/m3	3.6	U
LV-01-SV-G-00-12-20241004	TO-15	79-01-6	Trichloroethylene	0.16	U	0.076	0.16	ppbv	0.16	U
LV-01-SV-G-00-12-20241004	TO-15	79-01-6	Trichloroethylene	0.86	U	0.41	0.86	ug/m3	0.86	U
LV-01-SV-G-00-12-20241004	TO-15	75-69-4	Trichlorofluoromethane	0.80	U	0.62	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	75-69-4	Trichlorofluoromethane	4.5	U	3.5	4.5	ug/m3	4.5	U
LV-01-SV-G-00-12-20241004	TO-15	108-05-4	Vinyl Acetate	1.9	J	1.6	2.8	ug/m3	1.9	J
LV-01-SV-G-00-12-20241004	TO-15	108-05-4	Vinyl Acetate	0.54	J	0.45	0.80	ppbv	0.54	J
LV-01-SV-G-00-12-20241004	TO-15	75-01-4	Vinyl chloride	0.80	U	0.28	0.80	ppbv	0.80	U
LV-01-SV-G-00-12-20241004	TO-15	75-01-4	Vinyl chloride	2.0	U	0.72	2.0	ug/m3	2.0	U
LV-01-SV-G-00-12-20241004	TO-15	1330-20-7	Xylenes (total)	0.67	J	0.31	0.80	ppbv	0.67	J
LV-01-SV-G-00-12-20241004	TO-15	1330-20-7	Xylenes (total)	2.9	J	1.3	3.5	ug/m3	2.9	J

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-02-SV-G-00-06-20241004	MADEP APH	106-99-0	1,3-Butadiene	0.88	U	0.22	0.88	ug/m3	0.88	U
LV-02-SV-G-00-06-20241004	MADEP APH	106-99-0	1,3-Butadiene	0.40	U	0.098	0.40	ppbv	0.40	U
LV-02-SV-G-00-06-20241004	MADEP APH	71-43-2	Benzene	1.3	U	0.22	1.3	ug/m3	1.3	U
LV-02-SV-G-00-06-20241004	MADEP APH	71-43-2	Benzene	0.40	U	0.070	0.40	ppbv	0.40	U
LV-02-SV-G-00-06-20241004	MADEP APH		C5- C8 Aliphatics (APH)	86.8		0.078	2.4	ppbv	86.8	
LV-02-SV-G-00-06-20241004	MADEP APH		C5- C8 Aliphatics (APH)	329		0.30	9.1	ug/m3	329	
LV-02-SV-G-00-06-20241004	MADEP APH		C5- C8 Aliphatics (Unadj.)	334		1.5	9.1	ug/m3	334	
LV-02-SV-G-00-06-20241004	MADEP APH		C5- C8 Aliphatics (Unadj.)	87.9		0.40	2.4	ppbv	87.9	
LV-02-SV-G-00-06-20241004	MADEP APH		C9- C10 Aromatics (APH)	2.0	U	0.33	2.0	ppbv	2.0	U
LV-02-SV-G-00-06-20241004	MADEP APH		C9- C10 Aromatics (APH)	10.0	U	1.7	10	ug/m3	10.0	U
LV-02-SV-G-00-06-20241004	MADEP APH		C9- C12 Aliphatics (APH)	167		0.52	14	ug/m3	167	
LV-02-SV-G-00-06-20241004	MADEP APH		C9- C12 Aliphatics (APH)	28.4		0.088	2.4	ppbv	28.4	
LV-02-SV-G-00-06-20241004	MADEP APH		C9- C12 Aliphatics (Unadj.)	28.5		0.56	2.4	ppbv	28.5	
LV-02-SV-G-00-06-20241004	MADEP APH		C9- C12 Aliphatics (Unadj.)	168		3.3	14	ug/m3	168	
LV-02-SV-G-00-06-20241004	MADEP APH	100-41-4	Ethylbenzene	0.52	J	0.26	1.7	ug/m3	0.52	J
LV-02-SV-G-00-06-20241004	MADEP APH	100-41-4	Ethylbenzene	0.12	J	0.060	0.40	ppbv	0.12	J
LV-02-SV-G-00-06-20241004	MADEP APH	179601-23-1	m,p-Xylene	0.52		0.19	0.40	ppbv	0.52	
LV-02-SV-G-00-06-20241004	MADEP APH	179601-23-1	m,p-Xylene	2.3		0.83	1.7	ug/m3	2.3	
LV-02-SV-G-00-06-20241004	MADEP APH	1634-04-4	Methyl Tert Butyl Ether	0.40	U	0.057	0.40	ppbv	0.40	U
LV-02-SV-G-00-06-20241004	MADEP APH	1634-04-4	Methyl Tert Butyl Ether	1.4	U	0.21	1.4	ug/m3	1.4	U
LV-02-SV-G-00-06-20241004	MADEP APH	91-20-3	Naphthalene	2.1	U	1.8	2.1	ug/m3	2.1	U
LV-02-SV-G-00-06-20241004	MADEP APH	91-20-3	Naphthalene	0.40	U	0.34	0.40	ppbv	0.40	U
LV-02-SV-G-00-06-20241004	MADEP APH	95-47-6	o-Xylene	0.15	J	0.064	0.40	ppbv	0.15	J
LV-02-SV-G-00-06-20241004	MADEP APH	95-47-6	o-Xylene	0.65	J	0.28	1.7	ug/m3	0.65	J
LV-02-SV-G-00-06-20241004	MADEP APH	108-88-3	Toluene	0.24	J	0.059	0.40	ppbv	0.24	J
LV-02-SV-G-00-06-20241004	MADEP APH	108-88-3	Toluene	0.90	J	0.22	1.5	ug/m3	0.90	J
LV-02-SV-G-00-06-20241004	TO-15	71-55-6	1,1,1-Trichloroethane	0.80	U	0.31	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	71-55-6	1,1,1-Trichloroethane	4.4	U	1.7	4.4	ug/m3	4.4	U
LV-02-SV-G-00-06-20241004	TO-15	79-34-5	1,1,2,2-Tetrachloroethane	5.5	U	1.3	5.5	ug/m3	5.5	U
LV-02-SV-G-00-06-20241004	TO-15	79-34-5	1,1,2,2-Tetrachloroethane	0.80	U	0.19	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	79-00-5	1,1,2-Trichloroethane	4.4	U	0.82	4.4	ug/m3	4.4	U
LV-02-SV-G-00-06-20241004	TO-15	79-00-5	1,1,2-Trichloroethane	0.80	U	0.15	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	75-35-4	1,1-Dichloroethylene	3.2	U	0.95	3.2	ug/m3	3.2	U
LV-02-SV-G-00-06-20241004	TO-15	75-35-4	1,1-Dichloroethylene	0.80	U	0.24	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	120-82-1	1,2,4-Trichlorobenzene	0.80	U	0.48	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	120-82-1	1,2,4-Trichlorobenzene	5.9	U	3.6	5.9	ug/m3	5.9	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-02-SV-G-00-06-20241004	TO-15	95-63-6	1,2,4-Trimethylbenzene	3.9	U	1.7	3.9	ug/m3	3.9	U
LV-02-SV-G-00-06-20241004	TO-15	95-63-6	1,2,4-Trimethylbenzene	0.80	U	0.35	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	106-93-4	1,2-Dibromoethane (EDB)	6.1	U	0.92	6.1	ug/m3	6.1	U
LV-02-SV-G-00-06-20241004	TO-15	106-93-4	1,2-Dibromoethane (EDB)	0.80	U	0.12	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	107-06-2	1,2-Dichloroethane	0.80	U	0.28	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	107-06-2	1,2-Dichloroethane	3.2	U	1.1	3.2	ug/m3	3.2	U
LV-02-SV-G-00-06-20241004	TO-15	78-87-5	1,2-Dichloropropane	3.7	U	1.2	3.7	ug/m3	3.7	U
LV-02-SV-G-00-06-20241004	TO-15	78-87-5	1,2-Dichloropropane	0.80	U	0.25	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	108-67-8	1,3,5-Trimethylbenzene	0.80	U	0.32	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	108-67-8	1,3,5-Trimethylbenzene	3.9	U	1.6	3.9	ug/m3	3.9	U
LV-02-SV-G-00-06-20241004	TO-15	123-91-1	1,4-Dioxane	0.80	U	0.19	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	123-91-1	1,4-Dioxane	2.9	U	0.68	2.9	ug/m3	2.9	U
LV-02-SV-G-00-06-20241004	TO-15	591-78-6	2-Hexanone	0.80	U	0.58	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	591-78-6	2-Hexanone	3.3	U	2.4	3.3	ug/m3	3.3	U
LV-02-SV-G-00-06-20241004	TO-15	622-96-8	4-Ethyltoluene	0.80	U	0.38	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	622-96-8	4-Ethyltoluene	3.9	U	1.9	3.9	ug/m3	3.9	U
LV-02-SV-G-00-06-20241004	TO-15	67-64-1	Acetone (2-Propanone)	17.0		1.4	1.9	ug/m3	17.0	
LV-02-SV-G-00-06-20241004	TO-15	67-64-1	Acetone (2-Propanone)	7.2		0.58	0.80	ppbv	7.2	
LV-02-SV-G-00-06-20241004	TO-15	71-43-2	Benzene	2.6	U	0.61	2.6	ug/m3	2.6	U
LV-02-SV-G-00-06-20241004	TO-15	71-43-2	Benzene	0.80	U	0.19	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	100-44-7	Benzyl Chloride	0.80	U	0.50	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	100-44-7	Benzyl Chloride	4.1	U	2.6	4.1	ug/m3	4.1	U
LV-02-SV-G-00-06-20241004	TO-15	75-27-4	Bromodichloromethane	0.80	U	0.12	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	75-27-4	Bromodichloromethane	5.4	U	0.80	5.4	ug/m3	5.4	U
LV-02-SV-G-00-06-20241004	TO-15	75-25-2	Bromoform	0.80	U	0.28	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	75-25-2	Bromoform	8.3	U	2.9	8.3	ug/m3	8.3	U
LV-02-SV-G-00-06-20241004	TO-15	74-83-9	Bromomethane	0.80	U	0.28	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	74-83-9	Bromomethane	3.1	U	1.1	3.1	ug/m3	3.1	U
LV-02-SV-G-00-06-20241004	TO-15	75-15-0	Carbon disulfide	2.5	U	0.56	2.5	ug/m3	2.5	U
LV-02-SV-G-00-06-20241004	TO-15	75-15-0	Carbon disulfide	0.80	U	0.18	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	56-23-5	Carbon tetrachloride	0.80	U	0.16	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	56-23-5	Carbon tetrachloride	5.0	U	1.0	5.0	ug/m3	5.0	U
LV-02-SV-G-00-06-20241004	TO-15	108-90-7	Chlorobenzene	3.7	U	1.4	3.7	ug/m3	3.7	U
LV-02-SV-G-00-06-20241004	TO-15	108-90-7	Chlorobenzene	0.80	U	0.30	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	75-00-3	Chloroethane	0.80	U	0.27	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	75-00-3	Chloroethane	2.1	U	0.71	2.1	ug/m3	2.1	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-02-SV-G-00-06-20241004	TO-15	67-66-3	Chloroform	3.9	U	0.73	3.9	ug/m3	3.9	U
LV-02-SV-G-00-06-20241004	TO-15	67-66-3	Chloroform	0.80	U	0.15	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	74-87-3	Chloromethane	1.7	U	0.74	1.7	ug/m3	1.7	U
LV-02-SV-G-00-06-20241004	TO-15	74-87-3	Chloromethane	0.80	U	0.36	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	156-59-2	cis-1,2-Dichloroethylene	0.80	U	0.12	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	156-59-2	cis-1,2-Dichloroethylene	3.2	U	0.48	3.2	ug/m3	3.2	U
LV-02-SV-G-00-06-20241004	TO-15	10061-01-5	cis-1,3-Dichloropropene	0.80	U	0.25	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	10061-01-5	cis-1,3-Dichloropropene	3.6	U	1.1	3.6	ug/m3	3.6	U
LV-02-SV-G-00-06-20241004	TO-15	110-82-7	Cyclohexane	0.80	U	0.18	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	110-82-7	Cyclohexane	2.8	U	0.62	2.8	ug/m3	2.8	U
LV-02-SV-G-00-06-20241004	TO-15	124-48-1	Dibromochloromethane	0.80	U	0.21	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	124-48-1	Dibromochloromethane	6.8	U	1.8	6.8	ug/m3	6.8	U
LV-02-SV-G-00-06-20241004	TO-15	75-71-8	Dichlorodifluoromethane	4.0	U	2.1	4.0	ug/m3	4.0	U
LV-02-SV-G-00-06-20241004	TO-15	75-71-8	Dichlorodifluoromethane	0.80	U	0.42	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	141-78-6	Ethyl Acetate	12.0		1.5	2.9	ug/m3	12.0	
LV-02-SV-G-00-06-20241004	TO-15	141-78-6	Ethyl Acetate	3.2		0.42	0.80	ppbv	3.2	
LV-02-SV-G-00-06-20241004	TO-15	100-41-4	Ethylbenzene	0.80	U	0.24	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	100-41-4	Ethylbenzene	3.5	U	1.0	3.5	ug/m3	3.5	U
LV-02-SV-G-00-06-20241004	TO-15	76-13-1	Freon 113	6.1	U	0.92	6.1	ug/m3	6.1	U
LV-02-SV-G-00-06-20241004	TO-15	76-13-1	Freon 113	0.80	U	0.12	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	76-14-2	Freon 114	5.6	U	1.4	5.6	ug/m3	5.6	U
LV-02-SV-G-00-06-20241004	TO-15	76-14-2	Freon 114	0.80	U	0.20	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	142-82-5	Heptane	0.80	U	0.36	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	142-82-5	Heptane	3.3	U	1.5	3.3	ug/m3	3.3	U
LV-02-SV-G-00-06-20241004	TO-15	87-68-3	Hexachlorobutadiene	0.80	U	0.25	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	87-68-3	Hexachlorobutadiene	8.5	U	2.7	8.5	ug/m3	8.5	U
LV-02-SV-G-00-06-20241004	TO-15	110-54-3	Hexane	2.8	U	0.74	2.8	ug/m3	2.8	U
LV-02-SV-G-00-06-20241004	TO-15	110-54-3	Hexane	0.80	U	0.21	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	67-63-0	Isopropyl Alcohol	7.3		0.56	0.80	ppbv	7.3	
LV-02-SV-G-00-06-20241004	TO-15	67-63-0	Isopropyl Alcohol	18.0		1.4	2.0	ug/m3	18.0	
LV-02-SV-G-00-06-20241004	TO-15	98-82-8	Isopropylbenzene	3.9	U	1.3	3.9	ug/m3	3.9	U
LV-02-SV-G-00-06-20241004	TO-15	98-82-8	Isopropylbenzene	0.80	U	0.26	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	541-73-1	m-Dichlorobenzene	0.80	U	0.53	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	541-73-1	m-Dichlorobenzene	4.8	U	3.2	4.8	ug/m3	4.8	U
LV-02-SV-G-00-06-20241004	TO-15	78-93-3	Methyl ethyl ketone	1.4	J	1.3	2.4	ug/m3	1.4	J
LV-02-SV-G-00-06-20241004	TO-15	78-93-3	Methyl ethyl ketone	0.49	J	0.44	0.80	ppbv	0.49	J

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-02-SV-G-00-06-20241004	TO-15	108-10-1	Methyl Isobutyl Ketone	3.3	U	1.2	3.3	ug/m3	3.3	U
LV-02-SV-G-00-06-20241004	TO-15	108-10-1	Methyl Isobutyl Ketone	0.80	U	0.29	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	1634-04-4	Methyl Tert Butyl Ether	0.80	U	0.32	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	1634-04-4	Methyl Tert Butyl Ether	2.9	U	1.2	2.9	ug/m3	2.9	U
LV-02-SV-G-00-06-20241004	TO-15	75-09-2	Methylene chloride	0.80	U	0.53	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	75-09-2	Methylene chloride	2.8	U	1.8	2.8	ug/m3	2.8	U
LV-02-SV-G-00-06-20241004	TO-15	91-20-3	Naphthalene	4.2	U	2.7	4.2	ug/m3	4.2	U
LV-02-SV-G-00-06-20241004	TO-15	91-20-3	Naphthalene	0.80	U	0.51	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	95-50-1	o-Dichlorobenzene	0.80	U	0.28	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	95-50-1	o-Dichlorobenzene	4.8	U	1.7	4.8	ug/m3	4.8	U
LV-02-SV-G-00-06-20241004	TO-15	106-46-7	p-Dichlorobenzene	0.80	U	0.32	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	106-46-7	p-Dichlorobenzene	4.8	U	1.9	4.8	ug/m3	4.8	U
LV-02-SV-G-00-06-20241004	TO-15	115-07-1	Propylene	3.4	U	0.98	3.4	ug/m3	3.4	U
LV-02-SV-G-00-06-20241004	TO-15	115-07-1	Propylene	2.0	U	0.57	2.0	ppbv	2.0	U
LV-02-SV-G-00-06-20241004	TO-15	100-42-5	Styrene	1.8	J	0.89	3.4	ug/m3	1.8	J
LV-02-SV-G-00-06-20241004	TO-15	100-42-5	Styrene	0.43	J	0.21	0.80	ppbv	0.43	J
LV-02-SV-G-00-06-20241004	TO-15	127-18-4	Tetrachloroethylene	30.6		0.056	0.16	ppbv	30.6	
LV-02-SV-G-00-06-20241004	TO-15	127-18-4	Tetrachloroethylene	208		0.38	1.1	ug/m3	208	
LV-02-SV-G-00-06-20241004	TO-15	109-99-9	Tetrahydrofuran	2.4	U	1.1	2.4	ug/m3	2.4	U
LV-02-SV-G-00-06-20241004	TO-15	109-99-9	Tetrahydrofuran	0.80	U	0.36	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	108-88-3	Toluene	3.0	U	0.87	3.0	ug/m3	3.0	U
LV-02-SV-G-00-06-20241004	TO-15	108-88-3	Toluene	0.80	U	0.23	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	156-60-5	trans-1,2-Dichloroethylene	3.2	U	0.44	3.2	ug/m3	3.2	U
LV-02-SV-G-00-06-20241004	TO-15	156-60-5	trans-1,2-Dichloroethylene	0.80	U	0.11	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	10061-02-6	trans-1,3-Dichloropropene	3.6	U	1.8	3.6	ug/m3	3.6	U
LV-02-SV-G-00-06-20241004	TO-15	10061-02-6	trans-1,3-Dichloropropene	0.80	U	0.40	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	79-01-6	Trichloroethylene	0.16	U	0.076	0.16	ppbv	0.16	U
LV-02-SV-G-00-06-20241004	TO-15	79-01-6	Trichloroethylene	0.86	U	0.41	0.86	ug/m3	0.86	U
LV-02-SV-G-00-06-20241004	TO-15	75-69-4	Trichlorofluoromethane	0.80	U	0.62	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	75-69-4	Trichlorofluoromethane	4.5	U	3.5	4.5	ug/m3	4.5	U
LV-02-SV-G-00-06-20241004	TO-15	108-05-4	Vinyl Acetate	0.80	U	0.45	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	108-05-4	Vinyl Acetate	2.8	U	1.6	2.8	ug/m3	2.8	U
LV-02-SV-G-00-06-20241004	TO-15	75-01-4	Vinyl chloride	2.0	U	0.72	2.0	ug/m3	2.0	U
LV-02-SV-G-00-06-20241004	TO-15	75-01-4	Vinyl chloride	0.80	U	0.28	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	1330-20-7	Xylenes (total)	0.80	U	0.31	0.80	ppbv	0.80	U
LV-02-SV-G-00-06-20241004	TO-15	1330-20-7	Xylenes (total)	3.5	U	1.3	3.5	ug/m3	3.5	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-03-IA-G-42-20241003	MADEP APH	106-99-0	1,3-Butadiene	0.88	U	0.22	0.88	ug/m3	0.88	U
LV-03-IA-G-42-20241003	MADEP APH	106-99-0	1,3-Butadiene	0.40	U	0.098	0.40	ppbv	0.40	U
LV-03-IA-G-42-20241003	MADEP APH	71-43-2	Benzene	0.13	J	0.070	0.40	ppbv	0.13	J
LV-03-IA-G-42-20241003	MADEP APH	71-43-2	Benzene	0.42	J	0.22	1.3	ug/m3	0.42	J
LV-03-IA-G-42-20241003	MADEP APH		C5- C8 Aliphatics (APH)	975		0.30	9.1	ug/m3	975	
LV-03-IA-G-42-20241003	MADEP APH		C5- C8 Aliphatics (APH)	257		0.078	2.4	ppbv	257	
LV-03-IA-G-42-20241003	MADEP APH		C5- C8 Aliphatics (Unadj.)	260		0.40	2.4	ppbv	260	
LV-03-IA-G-42-20241003	MADEP APH		C5- C8 Aliphatics (Unadj.)	987		1.5	9.1	ug/m3	987	
LV-03-IA-G-42-20241003	MADEP APH		C9- C10 Aromatics (APH)	10.0	U	1.7	10	ug/m3	10.0	U
LV-03-IA-G-42-20241003	MADEP APH		C9- C10 Aromatics (APH)	2.0	U	0.33	2.0	ppbv	2.0	U
LV-03-IA-G-42-20241003	MADEP APH		C9- C12 Aliphatics (APH)	76.7		0.52	14	ug/m3	76.7	
LV-03-IA-G-42-20241003	MADEP APH		C9- C12 Aliphatics (APH)	13.0		0.088	2.4	ppbv	13.0	
LV-03-IA-G-42-20241003	MADEP APH		C9- C12 Aliphatics (Unadj.)	13.0		0.56	2.4	ppbv	13.0	
LV-03-IA-G-42-20241003	MADEP APH		C9- C12 Aliphatics (Unadj.)	76.7		3.3	14	ug/m3	76.7	
LV-03-IA-G-42-20241003	MADEP APH	100-41-4	Ethylbenzene	0.91	J	0.26	1.7	ug/m3	0.91	J
LV-03-IA-G-42-20241003	MADEP APH	100-41-4	Ethylbenzene	0.21	J	0.060	0.40	ppbv	0.21	J
LV-03-IA-G-42-20241003	MADEP APH	179601-23-1	m,p-Xylene	5.6		0.83	1.7	ug/m3	5.6	
LV-03-IA-G-42-20241003	MADEP APH	179601-23-1	m,p-Xylene	1.3		0.19	0.40	ppbv	1.3	
LV-03-IA-G-42-20241003	MADEP APH	1634-04-4	Methyl Tert Butyl Ether	0.40	U	0.057	0.40	ppbv	0.40	U
LV-03-IA-G-42-20241003	MADEP APH	1634-04-4	Methyl Tert Butyl Ether	1.4	U	0.21	1.4	ug/m3	1.4	U
LV-03-IA-G-42-20241003	MADEP APH	91-20-3	Naphthalene	0.40	U	0.34	0.40	ppbv	0.40	U
LV-03-IA-G-42-20241003	MADEP APH	91-20-3	Naphthalene	2.1	U	1.8	2.1	ug/m3	2.1	U
LV-03-IA-G-42-20241003	MADEP APH	95-47-6	o-Xylene	1.0	J	0.28	1.7	ug/m3	1.0	J
LV-03-IA-G-42-20241003	MADEP APH	95-47-6	o-Xylene	0.24	J	0.064	0.40	ppbv	0.24	J
LV-03-IA-G-42-20241003	MADEP APH	108-88-3	Toluene	1.9		0.059	0.40	ppbv	1.9	
LV-03-IA-G-42-20241003	MADEP APH	108-88-3	Toluene	7.2		0.22	1.5	ug/m3	7.2	
LV-03-IA-G-42-20241003	TO-15	71-55-6	1,1,1-Trichloroethane	0.20	U	0.078	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	71-55-6	1,1,1-Trichloroethane	1.1	U	0.43	1.1	ug/m3	1.1	U
LV-03-IA-G-42-20241003	TO-15	79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	0.33	1.4	ug/m3	1.4	U
LV-03-IA-G-42-20241003	TO-15	79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.048	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	79-00-5	1,1,2-Trichloroethane	1.1	U	0.21	1.1	ug/m3	1.1	U
LV-03-IA-G-42-20241003	TO-15	79-00-5	1,1,2-Trichloroethane	0.20	U	0.038	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	75-35-4	1,1-Dichloroethylene	0.79	U	0.23	0.79	ug/m3	0.79	U
LV-03-IA-G-42-20241003	TO-15	75-35-4	1,1-Dichloroethylene	0.20	U	0.059	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	120-82-1	1,2,4-Trichlorobenzene	1.5	U	0.89	1.5	ug/m3	1.5	U
LV-03-IA-G-42-20241003	TO-15	120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.12	0.20	ppbv	0.20	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-03-IA-G-42-20241003	TO-15	95-63-6	1,2,4-Trimethylbenzene	0.17	J	0.087	0.20	ppbv	0.17	J
LV-03-IA-G-42-20241003	TO-15	95-63-6	1,2,4-Trimethylbenzene	0.84	J	0.43	0.98	ug/m3	0.84	J
LV-03-IA-G-42-20241003	TO-15	106-93-4	1,2-Dibromoethane (EDB)	1.5	U	0.23	1.5	ug/m3	1.5	U
LV-03-IA-G-42-20241003	TO-15	106-93-4	1,2-Dibromoethane (EDB)	0.20	U	0.030	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	107-06-2	1,2-Dichloroethane	0.81	U	0.28	0.81	ug/m3	0.81	U
LV-03-IA-G-42-20241003	TO-15	107-06-2	1,2-Dichloroethane	0.20	U	0.070	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	78-87-5	1,2-Dichloropropane	0.20	U	0.062	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	78-87-5	1,2-Dichloropropane	0.92	U	0.29	0.92	ug/m3	0.92	U
LV-03-IA-G-42-20241003	TO-15	108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.080	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	108-67-8	1,3,5-Trimethylbenzene	0.98	U	0.39	0.98	ug/m3	0.98	U
LV-03-IA-G-42-20241003	TO-15	123-91-1	1,4-Dioxane	0.20	U	0.048	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	123-91-1	1,4-Dioxane	0.72	U	0.17	0.72	ug/m3	0.72	U
LV-03-IA-G-42-20241003	TO-15	591-78-6	2-Hexanone	0.82	U	0.61	0.82	ug/m3	0.82	U
LV-03-IA-G-42-20241003	TO-15	591-78-6	2-Hexanone	0.20	U	0.15	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	622-96-8	4-Ethyltoluene	0.20	U	0.095	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	622-96-8	4-Ethyltoluene	0.98	U	0.47	0.98	ug/m3	0.98	U
LV-03-IA-G-42-20241003	TO-15	67-64-1	Acetone (2-Propanone)	64.2		0.58	0.80	ppbv	64.2	
LV-03-IA-G-42-20241003	TO-15	67-64-1	Acetone (2-Propanone)	153		1.4	1.9	ug/m3	153	
LV-03-IA-G-42-20241003	TO-15	71-43-2	Benzene	0.18	J	0.047	0.20	ppbv	0.18	J
LV-03-IA-G-42-20241003	TO-15	71-43-2	Benzene	0.58	J	0.15	0.64	ug/m3	0.58	J
LV-03-IA-G-42-20241003	TO-15	100-44-7	Benzyl Chloride	1.0	U	0.67	1.0	ug/m3	1.0	U
LV-03-IA-G-42-20241003	TO-15	100-44-7	Benzyl Chloride	0.20	U	0.13	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	75-27-4	Bromodichloromethane	0.20	U	0.030	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	75-27-4	Bromodichloromethane	1.3	U	0.20	1.3	ug/m3	1.3	U
LV-03-IA-G-42-20241003	TO-15	75-25-2	Bromoform	0.20	U	0.071	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	75-25-2	Bromoform	2.1	U	0.73	2.1	ug/m3	2.1	U
LV-03-IA-G-42-20241003	TO-15	74-83-9	Bromomethane	0.78	U	0.27	0.78	ug/m3	0.78	U
LV-03-IA-G-42-20241003	TO-15	74-83-9	Bromomethane	0.20	U	0.069	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	75-15-0	Carbon disulfide	0.10	J	0.045	0.20	ppbv	0.10	J
LV-03-IA-G-42-20241003	TO-15	75-15-0	Carbon disulfide	0.31	J	0.14	0.62	ug/m3	0.31	J
LV-03-IA-G-42-20241003	TO-15	56-23-5	Carbon tetrachloride	0.20	U	0.040	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	56-23-5	Carbon tetrachloride	1.3	U	0.25	1.3	ug/m3	1.3	U
LV-03-IA-G-42-20241003	TO-15	108-90-7	Chlorobenzene	0.20	U	0.074	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	108-90-7	Chlorobenzene	0.92	U	0.34	0.92	ug/m3	0.92	U
LV-03-IA-G-42-20241003	TO-15	75-00-3	Chloroethane	0.53	U	0.18	0.53	ug/m3	0.53	U
LV-03-IA-G-42-20241003	TO-15	75-00-3	Chloroethane	0.20	U	0.068	0.20	ppbv	0.20	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-03-IA-G-42-20241003	TO-15	67-66-3	Chloroform	0.54	J	0.18	0.98	ug/m3	0.54	J
LV-03-IA-G-42-20241003	TO-15	67-66-3	Chloroform	0.11	J	0.037	0.20	ppbv	0.11	J
LV-03-IA-G-42-20241003	TO-15	74-87-3	Chloromethane	1.4		0.19	0.41	ug/m3	1.4	
LV-03-IA-G-42-20241003	TO-15	74-87-3	Chloromethane	0.67		0.090	0.20	ppbv	0.67	
LV-03-IA-G-42-20241003	TO-15	156-59-2	cis-1,2-Dichloroethylene	0.20	U	0.030	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	156-59-2	cis-1,2-Dichloroethylene	0.79	U	0.12	0.79	ug/m3	0.79	U
LV-03-IA-G-42-20241003	TO-15	10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.28	0.91	ug/m3	0.91	U
LV-03-IA-G-42-20241003	TO-15	10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.062	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	110-82-7	Cyclohexane	0.20	U	0.045	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	110-82-7	Cyclohexane	0.69	U	0.15	0.69	ug/m3	0.69	U
LV-03-IA-G-42-20241003	TO-15	124-48-1	Dibromochloromethane	1.7	U	0.44	1.7	ug/m3	1.7	U
LV-03-IA-G-42-20241003	TO-15	124-48-1	Dibromochloromethane	0.20	U	0.052	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	75-71-8	Dichlorodifluoromethane	2.5		0.49	0.99	ug/m3	2.5	
LV-03-IA-G-42-20241003	TO-15	75-71-8	Dichlorodifluoromethane	0.50		0.10	0.20	ppbv	0.50	
LV-03-IA-G-42-20241003	TO-15	141-78-6	Ethyl Acetate	7.1		0.10	0.20	ppbv	7.1	
LV-03-IA-G-42-20241003	TO-15	141-78-6	Ethyl Acetate	26.0		0.36	0.72	ug/m3	26.0	
LV-03-IA-G-42-20241003	TO-15	100-41-4	Ethylbenzene	0.29		0.061	0.20	ppbv	0.29	
LV-03-IA-G-42-20241003	TO-15	100-41-4	Ethylbenzene	1.3		0.26	0.87	ug/m3	1.3	
LV-03-IA-G-42-20241003	TO-15	76-13-1	Freon 113	1.5	U	0.24	1.5	ug/m3	1.5	U
LV-03-IA-G-42-20241003	TO-15	76-13-1	Freon 113	0.20	U	0.031	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	76-14-2	Freon 114	0.20	U	0.050	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	76-14-2	Freon 114	1.4	U	0.35	1.4	ug/m3	1.4	U
LV-03-IA-G-42-20241003	TO-15	142-82-5	Heptane	4.1		0.37	0.82	ug/m3	4.1	
LV-03-IA-G-42-20241003	TO-15	142-82-5	Heptane	0.99		0.091	0.20	ppbv	0.99	
LV-03-IA-G-42-20241003	TO-15	87-68-3	Hexachlorobutadiene	2.1	U	0.66	2.1	ug/m3	2.1	U
LV-03-IA-G-42-20241003	TO-15	87-68-3	Hexachlorobutadiene	0.20	U	0.062	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	110-54-3	Hexane	0.44		0.052	0.20	ppbv	0.44	
LV-03-IA-G-42-20241003	TO-15	110-54-3	Hexane	1.6		0.18	0.70	ug/m3	1.6	
LV-03-IA-G-42-20241003	TO-15	67-63-0	Isopropyl Alcohol	383	E	0.56	0.80	ppbv	383	E
LV-03-IA-G-42-20241003	TO-15	67-63-0	Isopropyl Alcohol	941	E	1.4	2.0	ug/m3	941	E
LV-03-IA-G-42-20241003	TO-15	98-82-8	Isopropylbenzene	0.98	U	0.31	0.98	ug/m3	0.98	U
LV-03-IA-G-42-20241003	TO-15	98-82-8	Isopropylbenzene	0.20	U	0.064	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	541-73-1	m-Dichlorobenzene	1.2	U	0.78	1.2	ug/m3	1.2	U
LV-03-IA-G-42-20241003	TO-15	541-73-1	m-Dichlorobenzene	0.20	U	0.13	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	78-93-3	Methyl ethyl ketone	3.2		0.11	0.20	ppbv	3.2	
LV-03-IA-G-42-20241003	TO-15	78-93-3	Methyl ethyl ketone	9.4		0.32	0.59	ug/m3	9.4	

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-03-IA-G-42-20241003	TO-15	108-10-1	Methyl Isobutyl Ketone	0.51		0.073	0.20	ppbv	0.51	
LV-03-IA-G-42-20241003	TO-15	108-10-1	Methyl Isobutyl Ketone	2.1		0.30	0.82	ug/m3	2.1	
LV-03-IA-G-42-20241003	TO-15	1634-04-4	Methyl Tert Butyl Ether	0.72	U	0.29	0.72	ug/m3	0.72	U
LV-03-IA-G-42-20241003	TO-15	1634-04-4	Methyl Tert Butyl Ether	0.20	U	0.080	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	75-09-2	Methylene chloride	2.6		0.45	0.69	ug/m3	2.6	
LV-03-IA-G-42-20241003	TO-15	75-09-2	Methylene chloride	0.76		0.13	0.20	ppbv	0.76	
LV-03-IA-G-42-20241003	TO-15	91-20-3	Naphthalene	0.20	U	0.13	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	91-20-3	Naphthalene	1.0	U	0.68	1.0	ug/m3	1.0	U
LV-03-IA-G-42-20241003	TO-15	95-50-1	o-Dichlorobenzene	0.20	U	0.069	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	95-50-1	o-Dichlorobenzene	1.2	U	0.41	1.2	ug/m3	1.2	U
LV-03-IA-G-42-20241003	TO-15	106-46-7	p-Dichlorobenzene	1.2	U	0.47	1.2	ug/m3	1.2	U
LV-03-IA-G-42-20241003	TO-15	106-46-7	p-Dichlorobenzene	0.20	U	0.079	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	115-07-1	Propylene	0.50	U	0.14	0.50	ppbv	0.50	U
LV-03-IA-G-42-20241003	TO-15	115-07-1	Propylene	0.86	U	0.24	0.86	ug/m3	0.86	U
LV-03-IA-G-42-20241003	TO-15	100-42-5	Styrene	1.1		0.23	0.85	ug/m3	1.1	
LV-03-IA-G-42-20241003	TO-15	100-42-5	Styrene	0.25		0.053	0.20	ppbv	0.25	
LV-03-IA-G-42-20241003	TO-15	127-18-4	Tetrachloroethylene	0.14		0.014	0.040	ppbv	0.14	
LV-03-IA-G-42-20241003	TO-15	127-18-4	Tetrachloroethylene	0.95		0.095	0.27	ug/m3	0.95	
LV-03-IA-G-42-20241003	TO-15	109-99-9	Tetrahydrofuran	2.9		0.27	0.59	ug/m3	2.9	
LV-03-IA-G-42-20241003	TO-15	109-99-9	Tetrahydrofuran	1.0		0.090	0.20	ppbv	1.0	
LV-03-IA-G-42-20241003	TO-15	108-88-3	Toluene	2.1		0.057	0.20	ppbv	2.1	
LV-03-IA-G-42-20241003	TO-15	108-88-3	Toluene	7.9		0.21	0.75	ug/m3	7.9	
LV-03-IA-G-42-20241003	TO-15	156-60-5	trans-1,2-Dichloroethylene	0.79	U	0.11	0.79	ug/m3	0.79	U
LV-03-IA-G-42-20241003	TO-15	156-60-5	trans-1,2-Dichloroethylene	0.20	U	0.028	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.10	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.45	0.91	ug/m3	0.91	U
LV-03-IA-G-42-20241003	TO-15	79-01-6	Trichloroethylene	0.21	U	0.10	0.21	ug/m3	0.21	U
LV-03-IA-G-42-20241003	TO-15	79-01-6	Trichloroethylene	0.040	U	0.019	0.040	ppbv	0.040	U
LV-03-IA-G-42-20241003	TO-15	75-69-4	Trichlorofluoromethane	1.4		0.84	1.1	ug/m3	1.4	
LV-03-IA-G-42-20241003	TO-15	75-69-4	Trichlorofluoromethane	0.25		0.15	0.20	ppbv	0.25	
LV-03-IA-G-42-20241003	TO-15	108-05-4	Vinyl Acetate	0.83		0.11	0.20	ppbv	0.83	
LV-03-IA-G-42-20241003	TO-15	108-05-4	Vinyl Acetate	2.9		0.39	0.70	ug/m3	2.9	
LV-03-IA-G-42-20241003	TO-15	75-01-4	Vinyl chloride	0.51	U	0.18	0.51	ug/m3	0.51	U
LV-03-IA-G-42-20241003	TO-15	75-01-4	Vinyl chloride	0.20	U	0.069	0.20	ppbv	0.20	U
LV-03-IA-G-42-20241003	TO-15	1330-20-7	Xylenes (total)	5.2		0.33	0.87	ug/m3	5.2	
LV-03-IA-G-42-20241003	TO-15	1330-20-7	Xylenes (total)	1.2		0.077	0.20	ppbv	1.2	

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	71-55-6	1,1,1-Trichloroethane	0.025		0.00090	0.0020	ppbv	0.025	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	71-55-6	1,1,1-Trichloroethane	0.14		0.0049	0.011	ug/m3	0.14	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	79-34-5	1,1,2,2-Tetrachloroethane	0.034	U	0.0069	0.034	ug/m3	0.034	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U	0.0010	0.0050	ppbv	0.0050	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	79-00-5	1,1,2-Trichloroethane	0.043		0.0076	0.027	ug/m3	0.043	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	79-00-5	1,1,2-Trichloroethane	0.0079		0.0014	0.0050	ppbv	0.0079	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	75-35-4	1,1-Dichloroethylene	0.0079	U	0.0040	0.0079	ug/m3	0.0079	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	75-35-4	1,1-Dichloroethylene	0.0020	U	0.0010	0.0020	ppbv	0.0020	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	106-93-4	1,2-Dibromoethane	0.038	U	0.0085	0.038	ug/m3	0.038	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	106-93-4	1,2-Dibromoethane	0.0050	U	0.0011	0.0050	ppbv	0.0050	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	107-06-2	1,2-Dichloroethane	0.088		0.0014	0.0050	ppbv	0.088	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	107-06-2	1,2-Dichloroethane	0.36		0.0057	0.020	ug/m3	0.36	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	78-87-5	1,2-Dichloropropane	0.023	U	0.0065	0.023	ug/m3	0.023	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	78-87-5	1,2-Dichloropropane	0.0050	U	0.0014	0.0050	ppbv	0.0050	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	71-43-2	Benzene	0.45		0.012	0.032	ug/m3	0.45	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	71-43-2	Benzene	0.14		0.0037	0.010	ppbv	0.14	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	75-27-4	Bromodichloromethane	0.0098		0.0010	0.0050	ppbv	0.0098	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	75-27-4	Bromodichloromethane	0.066		0.0067	0.033	ug/m3	0.066	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	56-23-5	Carbon tetrachloride	0.55		0.010	0.031	ug/m3	0.55	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	56-23-5	Carbon tetrachloride	0.088		0.0016	0.0050	ppbv	0.088	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	67-66-3	Chloroform	0.49		0.0029	0.024	ug/m3	0.49	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	67-66-3	Chloroform	0.10		0.00060	0.0050	ppbv	0.10	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	10061-01-5	cis-1,3-Dichloropropene	0.0050	U	0.0017	0.0050	ppbv	0.0050	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	10061-01-5	cis-1,3-Dichloropropene	0.023	U	0.0077	0.023	ug/m3	0.023	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	124-48-1	Dibromochloromethane	0.043	U	0.0051	0.043	ug/m3	0.043	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	124-48-1	Dibromochloromethane	0.0050	U	0.00060	0.0050	ppbv	0.0050	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	106-46-7	p-Dichlorobenzene	0.0050		0.00060	0.0020	ppbv	0.0050	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	106-46-7	p-Dichlorobenzene	0.030		0.0036	0.012	ug/m3	0.030	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	127-18-4	Tetrachloroethylene	0.75		0.0081	0.034	ug/m3	0.75	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	127-18-4	Tetrachloroethylene	0.11		0.0012	0.0050	ppbv	0.11	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	10061-02-6	trans-1,3-Dichloropropene	0.0050	U	0.00090	0.0050	ppbv	0.0050	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	10061-02-6	trans-1,3-Dichloropropene	0.023	U	0.0041	0.023	ug/m3	0.023	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	79-01-6	Trichloroethylene	0.034		0.0051	0.027	ug/m3	0.034	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	79-01-6	Trichloroethylene	0.0063		0.00095	0.0050	ppbv	0.0063	
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	75-01-4	Vinyl chloride	0.0020	U	0.00056	0.0020	ppbv	0.0020	U
LV-03-IA-G-42-20241003	TO-15 (BY SIM)	75-01-4	Vinyl chloride	0.0051	U	0.0014	0.0051	ug/m3	0.0051	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-04-IA-G-48-20241003	MADEP APH	106-99-0	1,3-Butadiene	0.88	U	0.22	0.88	ug/m3	0.88	U
LV-04-IA-G-48-20241003	MADEP APH	106-99-0	1,3-Butadiene	0.40	U	0.098	0.40	ppbv	0.40	U
LV-04-IA-G-48-20241003	MADEP APH	71-43-2	Benzene	0.32	J	0.22	1.3	ug/m3	0.32	J
LV-04-IA-G-48-20241003	MADEP APH	71-43-2	Benzene	0.10	J	0.070	0.40	ppbv	0.10	J
LV-04-IA-G-48-20241003	MADEP APH		C5- C8 Aliphatics (APH)	260		0.30	9.1	ug/m3	260	
LV-04-IA-G-48-20241003	MADEP APH		C5- C8 Aliphatics (APH)	68.6		0.078	2.4	ppbv	68.6	
LV-04-IA-G-48-20241003	MADEP APH		C5- C8 Aliphatics (Unadj.)	267		1.5	9.1	ug/m3	267	
LV-04-IA-G-48-20241003	MADEP APH		C5- C8 Aliphatics (Unadj.)	70.4		0.40	2.4	ppbv	70.4	
LV-04-IA-G-48-20241003	MADEP APH		C9- C10 Aromatics (APH)	10.0	U	1.7	10	ug/m3	10.0	U
LV-04-IA-G-48-20241003	MADEP APH		C9- C10 Aromatics (APH)	2.0	U	0.33	2.0	ppbv	2.0	U
LV-04-IA-G-48-20241003	MADEP APH		C9- C12 Aliphatics (APH)	113		0.52	14	ug/m3	113	
LV-04-IA-G-48-20241003	MADEP APH		C9- C12 Aliphatics (APH)	19.2		0.088	2.4	ppbv	19.2	
LV-04-IA-G-48-20241003	MADEP APH		C9- C12 Aliphatics (Unadj.)	113		3.3	14	ug/m3	113	
LV-04-IA-G-48-20241003	MADEP APH		C9- C12 Aliphatics (Unadj.)	19.2		0.56	2.4	ppbv	19.2	
LV-04-IA-G-48-20241003	MADEP APH	100-41-4	Ethylbenzene	0.27	J	0.26	1.7	ug/m3	0.27	J
LV-04-IA-G-48-20241003	MADEP APH	100-41-4	Ethylbenzene	0.063	J	0.060	0.40	ppbv	0.063	J
LV-04-IA-G-48-20241003	MADEP APH	179601-23-1	m,p-Xylene	0.24	J	0.19	0.40	ppbv	0.24	J
LV-04-IA-G-48-20241003	MADEP APH	179601-23-1	m,p-Xylene	1.0	J	0.83	1.7	ug/m3	1.0	J
LV-04-IA-G-48-20241003	MADEP APH	1634-04-4	Methyl Tert Butyl Ether	1.4	U	0.21	1.4	ug/m3	1.4	U
LV-04-IA-G-48-20241003	MADEP APH	1634-04-4	Methyl Tert Butyl Ether	0.40	U	0.057	0.40	ppbv	0.40	U
LV-04-IA-G-48-20241003	MADEP APH	91-20-3	Naphthalene	0.40	U	0.34	0.40	ppbv	0.40	U
LV-04-IA-G-48-20241003	MADEP APH	91-20-3	Naphthalene	2.1	U	1.8	2.1	ug/m3	2.1	U
LV-04-IA-G-48-20241003	MADEP APH	95-47-6	o-Xylene	0.40	U	0.064	0.40	ppbv	0.40	U
LV-04-IA-G-48-20241003	MADEP APH	95-47-6	o-Xylene	1.7	U	0.28	1.7	ug/m3	1.7	U
LV-04-IA-G-48-20241003	MADEP APH	108-88-3	Toluene	4.9		0.22	1.5	ug/m3	4.9	
LV-04-IA-G-48-20241003	MADEP APH	108-88-3	Toluene	1.3		0.059	0.40	ppbv	1.3	
LV-04-IA-G-48-20241003	TO-15	71-55-6	1,1,1-Trichloroethane	1.1	U	0.43	1.1	ug/m3	1.1	U
LV-04-IA-G-48-20241003	TO-15	71-55-6	1,1,1-Trichloroethane	0.20	U	0.078	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.048	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	0.33	1.4	ug/m3	1.4	U
LV-04-IA-G-48-20241003	TO-15	79-00-5	1,1,2-Trichloroethane	1.1	U	0.21	1.1	ug/m3	1.1	U
LV-04-IA-G-48-20241003	TO-15	79-00-5	1,1,2-Trichloroethane	0.20	U	0.038	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	75-35-4	1,1-Dichloroethylene	0.79	U	0.23	0.79	ug/m3	0.79	U
LV-04-IA-G-48-20241003	TO-15	75-35-4	1,1-Dichloroethylene	0.20	U	0.059	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	120-82-1	1,2,4-Trichlorobenzene	1.5	U	0.89	1.5	ug/m3	1.5	U
LV-04-IA-G-48-20241003	TO-15	120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.12	0.20	ppbv	0.20	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-04-IA-G-48-20241003	TO-15	95-63-6	1,2,4-Trimethylbenzene	0.20	U	0.087	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	95-63-6	1,2,4-Trimethylbenzene	0.98	U	0.43	0.98	ug/m3	0.98	U
LV-04-IA-G-48-20241003	TO-15	106-93-4	1,2-Dibromoethane (EDB)	0.20	U	0.030	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	106-93-4	1,2-Dibromoethane (EDB)	1.5	U	0.23	1.5	ug/m3	1.5	U
LV-04-IA-G-48-20241003	TO-15	107-06-2	1,2-Dichloroethane	0.81	U	0.28	0.81	ug/m3	0.81	U
LV-04-IA-G-48-20241003	TO-15	107-06-2	1,2-Dichloroethane	0.20	U	0.070	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	78-87-5	1,2-Dichloropropane	0.20	U	0.062	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	78-87-5	1,2-Dichloropropane	0.92	U	0.29	0.92	ug/m3	0.92	U
LV-04-IA-G-48-20241003	TO-15	108-67-8	1,3,5-Trimethylbenzene	0.98	U	0.39	0.98	ug/m3	0.98	U
LV-04-IA-G-48-20241003	TO-15	108-67-8	1,3,5-Trimethylbenzene	0.20	U	0.080	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	123-91-1	1,4-Dioxane	0.20	U	0.048	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	123-91-1	1,4-Dioxane	0.72	U	0.17	0.72	ug/m3	0.72	U
LV-04-IA-G-48-20241003	TO-15	591-78-6	2-Hexanone	0.82	U	0.61	0.82	ug/m3	0.82	U
LV-04-IA-G-48-20241003	TO-15	591-78-6	2-Hexanone	0.20	U	0.15	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	622-96-8	4-Ethyltoluene	0.98	U	0.47	0.98	ug/m3	0.98	U
LV-04-IA-G-48-20241003	TO-15	622-96-8	4-Ethyltoluene	0.20	U	0.095	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	67-64-1	Acetone (2-Propanone)	94.7		0.58	0.80	ppbv	94.7	
LV-04-IA-G-48-20241003	TO-15	67-64-1	Acetone (2-Propanone)	225		1.4	1.9	ug/m3	225	
LV-04-IA-G-48-20241003	TO-15	71-43-2	Benzene	0.15	J	0.047	0.20	ppbv	0.15	J
LV-04-IA-G-48-20241003	TO-15	71-43-2	Benzene	0.48	J	0.15	0.64	ug/m3	0.48	J
LV-04-IA-G-48-20241003	TO-15	100-44-7	Benzyl Chloride	0.20	U	0.13	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	100-44-7	Benzyl Chloride	1.0	U	0.67	1.0	ug/m3	1.0	U
LV-04-IA-G-48-20241003	TO-15	75-27-4	Bromodichloromethane	0.20	U	0.030	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	75-27-4	Bromodichloromethane	1.3	U	0.20	1.3	ug/m3	1.3	U
LV-04-IA-G-48-20241003	TO-15	75-25-2	Bromoform	0.20	U	0.071	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	75-25-2	Bromoform	2.1	U	0.73	2.1	ug/m3	2.1	U
LV-04-IA-G-48-20241003	TO-15	74-83-9	Bromomethane	0.78	U	0.27	0.78	ug/m3	0.78	U
LV-04-IA-G-48-20241003	TO-15	74-83-9	Bromomethane	0.20	U	0.069	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	75-15-0	Carbon disulfide	0.62	U	0.14	0.62	ug/m3	0.62	U
LV-04-IA-G-48-20241003	TO-15	75-15-0	Carbon disulfide	0.20	U	0.045	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	56-23-5	Carbon tetrachloride	1.3	U	0.25	1.3	ug/m3	1.3	U
LV-04-IA-G-48-20241003	TO-15	56-23-5	Carbon tetrachloride	0.20	U	0.040	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	108-90-7	Chlorobenzene	0.20	U	0.074	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	108-90-7	Chlorobenzene	0.92	U	0.34	0.92	ug/m3	0.92	U
LV-04-IA-G-48-20241003	TO-15	75-00-3	Chloroethane	0.20	U	0.068	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	75-00-3	Chloroethane	0.53	U	0.18	0.53	ug/m3	0.53	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-04-IA-G-48-20241003	TO-15	67-66-3	Chloroform	0.20	U	0.037	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	67-66-3	Chloroform	0.98	U	0.18	0.98	ug/m3	0.98	U
LV-04-IA-G-48-20241003	TO-15	74-87-3	Chloromethane	0.51		0.090	0.20	ppbv	0.51	
LV-04-IA-G-48-20241003	TO-15	74-87-3	Chloromethane	1.1		0.19	0.41	ug/m3	1.1	
LV-04-IA-G-48-20241003	TO-15	156-59-2	cis-1,2-Dichloroethylene	0.79	U	0.12	0.79	ug/m3	0.79	U
LV-04-IA-G-48-20241003	TO-15	156-59-2	cis-1,2-Dichloroethylene	0.20	U	0.030	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.062	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.28	0.91	ug/m3	0.91	U
LV-04-IA-G-48-20241003	TO-15	110-82-7	Cyclohexane	0.41	J	0.15	0.69	ug/m3	0.41	J
LV-04-IA-G-48-20241003	TO-15	110-82-7	Cyclohexane	0.12	J	0.045	0.20	ppbv	0.12	J
LV-04-IA-G-48-20241003	TO-15	124-48-1	Dibromochloromethane	1.7	U	0.44	1.7	ug/m3	1.7	U
LV-04-IA-G-48-20241003	TO-15	124-48-1	Dibromochloromethane	0.20	U	0.052	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	75-71-8	Dichlorodifluoromethane	2.4		0.49	0.99	ug/m3	2.4	
LV-04-IA-G-48-20241003	TO-15	75-71-8	Dichlorodifluoromethane	0.49		0.10	0.20	ppbv	0.49	
LV-04-IA-G-48-20241003	TO-15	141-78-6	Ethyl Acetate	35.0		0.36	0.72	ug/m3	35.0	
LV-04-IA-G-48-20241003	TO-15	141-78-6	Ethyl Acetate	9.8		0.10	0.20	ppbv	9.8	
LV-04-IA-G-48-20241003	TO-15	100-41-4	Ethylbenzene	0.20	U	0.061	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	100-41-4	Ethylbenzene	0.87	U	0.26	0.87	ug/m3	0.87	U
LV-04-IA-G-48-20241003	TO-15	76-13-1	Freon 113	1.5	U	0.24	1.5	ug/m3	1.5	U
LV-04-IA-G-48-20241003	TO-15	76-13-1	Freon 113	0.20	U	0.031	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	76-14-2	Freon 114	0.20	U	0.050	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	76-14-2	Freon 114	1.4	U	0.35	1.4	ug/m3	1.4	U
LV-04-IA-G-48-20241003	TO-15	142-82-5	Heptane	0.59		0.091	0.20	ppbv	0.59	
LV-04-IA-G-48-20241003	TO-15	142-82-5	Heptane	2.4		0.37	0.82	ug/m3	2.4	
LV-04-IA-G-48-20241003	TO-15	87-68-3	Hexachlorobutadiene	2.1	U	0.66	2.1	ug/m3	2.1	U
LV-04-IA-G-48-20241003	TO-15	87-68-3	Hexachlorobutadiene	0.20	U	0.062	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	110-54-3	Hexane	0.78		0.052	0.20	ppbv	0.78	
LV-04-IA-G-48-20241003	TO-15	110-54-3	Hexane	2.7		0.18	0.70	ug/m3	2.7	
LV-04-IA-G-48-20241003	TO-15	67-63-0	Isopropyl Alcohol	53.8	B	0.34	0.49	ug/m3	53.8	B
LV-04-IA-G-48-20241003	TO-15	67-63-0	Isopropyl Alcohol	21.9	B	0.14	0.20	ppbv	21.9	B
LV-04-IA-G-48-20241003	TO-15	98-82-8	Isopropylbenzene	0.20	U	0.064	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	98-82-8	Isopropylbenzene	0.98	U	0.31	0.98	ug/m3	0.98	U
LV-04-IA-G-48-20241003	TO-15	541-73-1	m-Dichlorobenzene	1.2	U	0.78	1.2	ug/m3	1.2	U
LV-04-IA-G-48-20241003	TO-15	541-73-1	m-Dichlorobenzene	0.20	U	0.13	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	78-93-3	Methyl ethyl ketone	2.6		0.11	0.20	ppbv	2.6	
LV-04-IA-G-48-20241003	TO-15	78-93-3	Methyl ethyl ketone	7.7		0.32	0.59	ug/m3	7.7	

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-04-IA-G-48-20241003	TO-15	108-10-1	Methyl Isobutyl Ketone	0.20		0.073	0.20	ppbv	0.20	
LV-04-IA-G-48-20241003	TO-15	108-10-1	Methyl Isobutyl Ketone	0.82		0.30	0.82	ug/m3	0.82	
LV-04-IA-G-48-20241003	TO-15	1634-04-4	Methyl Tert Butyl Ether	0.72	U	0.29	0.72	ug/m3	0.72	U
LV-04-IA-G-48-20241003	TO-15	1634-04-4	Methyl Tert Butyl Ether	0.20	U	0.080	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	75-09-2	Methylene chloride	3.8		0.45	0.69	ug/m3	3.8	
LV-04-IA-G-48-20241003	TO-15	75-09-2	Methylene chloride	1.1		0.13	0.20	ppbv	1.1	
LV-04-IA-G-48-20241003	TO-15	91-20-3	Naphthalene	1.0	U	0.68	1.0	ug/m3	1.0	U
LV-04-IA-G-48-20241003	TO-15	91-20-3	Naphthalene	0.20	U	0.13	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	95-50-1	o-Dichlorobenzene	0.20	U	0.069	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	95-50-1	o-Dichlorobenzene	1.2	U	0.41	1.2	ug/m3	1.2	U
LV-04-IA-G-48-20241003	TO-15	106-46-7	p-Dichlorobenzene	1.2	U	0.47	1.2	ug/m3	1.2	U
LV-04-IA-G-48-20241003	TO-15	106-46-7	p-Dichlorobenzene	0.20	U	0.079	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	115-07-1	Propylene	0.50	U	0.14	0.50	ppbv	0.50	U
LV-04-IA-G-48-20241003	TO-15	115-07-1	Propylene	0.86	U	0.24	0.86	ug/m3	0.86	U
LV-04-IA-G-48-20241003	TO-15	100-42-5	Styrene	0.26		0.053	0.20	ppbv	0.26	
LV-04-IA-G-48-20241003	TO-15	100-42-5	Styrene	1.1		0.23	0.85	ug/m3	1.1	
LV-04-IA-G-48-20241003	TO-15	127-18-4	Tetrachloroethylene	0.21		0.014	0.040	ppbv	0.21	
LV-04-IA-G-48-20241003	TO-15	127-18-4	Tetrachloroethylene	1.4		0.095	0.27	ug/m3	1.4	
LV-04-IA-G-48-20241003	TO-15	109-99-9	Tetrahydrofuran	5.3		0.27	0.59	ug/m3	5.3	
LV-04-IA-G-48-20241003	TO-15	109-99-9	Tetrahydrofuran	1.8		0.090	0.20	ppbv	1.8	
LV-04-IA-G-48-20241003	TO-15	108-88-3	Toluene	5.7		0.21	0.75	ug/m3	5.7	
LV-04-IA-G-48-20241003	TO-15	108-88-3	Toluene	1.5		0.057	0.20	ppbv	1.5	
LV-04-IA-G-48-20241003	TO-15	156-60-5	trans-1,2-Dichloroethylene	0.20	U	0.028	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	156-60-5	trans-1,2-Dichloroethylene	0.79	U	0.11	0.79	ug/m3	0.79	U
LV-04-IA-G-48-20241003	TO-15	10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.45	0.91	ug/m3	0.91	U
LV-04-IA-G-48-20241003	TO-15	10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.10	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	79-01-6	Trichloroethylene	0.040	U	0.019	0.040	ppbv	0.040	U
LV-04-IA-G-48-20241003	TO-15	79-01-6	Trichloroethylene	0.21	U	0.10	0.21	ug/m3	0.21	U
LV-04-IA-G-48-20241003	TO-15	75-69-4	Trichlorofluoromethane	1.2		0.84	1.1	ug/m3	1.2	
LV-04-IA-G-48-20241003	TO-15	75-69-4	Trichlorofluoromethane	0.21		0.15	0.20	ppbv	0.21	
LV-04-IA-G-48-20241003	TO-15	108-05-4	Vinyl Acetate	1.7		0.39	0.70	ug/m3	1.7	
LV-04-IA-G-48-20241003	TO-15	108-05-4	Vinyl Acetate	0.47		0.11	0.20	ppbv	0.47	
LV-04-IA-G-48-20241003	TO-15	75-01-4	Vinyl chloride	0.51	U	0.18	0.51	ug/m3	0.51	U
LV-04-IA-G-48-20241003	TO-15	75-01-4	Vinyl chloride	0.20	U	0.069	0.20	ppbv	0.20	U
LV-04-IA-G-48-20241003	TO-15	1330-20-7	Xylenes (total)	0.74	J	0.33	0.87	ug/m3	0.74	J
LV-04-IA-G-48-20241003	TO-15	1330-20-7	Xylenes (total)	0.17	J	0.077	0.20	ppbv	0.17	J

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	71-55-6	1,1,1-Trichloroethane	0.23		0.0049	0.011	ug/m3	0.23	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	71-55-6	1,1,1-Trichloroethane	0.043		0.00090	0.0020	ppbv	0.043	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U	0.0010	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	79-34-5	1,1,2,2-Tetrachloroethane	0.034	U	0.0069	0.034	ug/m3	0.034	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	79-00-5	1,1,2-Trichloroethane	0.027	U	0.0076	0.027	ug/m3	0.027	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	79-00-5	1,1,2-Trichloroethane	0.0050	U	0.0014	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	75-35-4	1,1-Dichloroethylene	0.0079	U	0.0040	0.0079	ug/m3	0.0079	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	75-35-4	1,1-Dichloroethylene	0.0020	U	0.0010	0.0020	ppbv	0.0020	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	106-93-4	1,2-Dibromoethane	0.038	U	0.0085	0.038	ug/m3	0.038	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	106-93-4	1,2-Dibromoethane	0.0050	U	0.0011	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	107-06-2	1,2-Dichloroethane	0.057		0.0057	0.020	ug/m3	0.057	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	107-06-2	1,2-Dichloroethane	0.014		0.0014	0.0050	ppbv	0.014	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	78-87-5	1,2-Dichloropropane	0.023	U	0.0065	0.023	ug/m3	0.023	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	78-87-5	1,2-Dichloropropane	0.0050	U	0.0014	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	71-43-2	Benzene	0.11		0.0037	0.010	ppbv	0.11	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	71-43-2	Benzene	0.35		0.012	0.032	ug/m3	0.35	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	75-27-4	Bromodichloromethane	0.0049	J	0.0010	0.0050	ppbv	0.0049	J
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	75-27-4	Bromodichloromethane	0.033	J	0.0067	0.033	ug/m3	0.033	J
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	56-23-5	Carbon tetrachloride	0.50		0.010	0.031	ug/m3	0.50	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	56-23-5	Carbon tetrachloride	0.080		0.0016	0.0050	ppbv	0.080	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	67-66-3	Chloroform	0.030		0.00060	0.0050	ppbv	0.030	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	67-66-3	Chloroform	0.15		0.0029	0.024	ug/m3	0.15	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	10061-01-5	cis-1,3-Dichloropropene	0.023	U	0.0077	0.023	ug/m3	0.023	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	10061-01-5	cis-1,3-Dichloropropene	0.0050	U	0.0017	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	124-48-1	Dibromochloromethane	0.043	U	0.0051	0.043	ug/m3	0.043	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	124-48-1	Dibromochloromethane	0.0050	U	0.00060	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	106-46-7	p-Dichlorobenzene	0.024		0.0036	0.012	ug/m3	0.024	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	106-46-7	p-Dichlorobenzene	0.0040		0.00060	0.0020	ppbv	0.0040	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	127-18-4	Tetrachloroethylene	0.19		0.0012	0.0050	ppbv	0.19	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	127-18-4	Tetrachloroethylene	1.3		0.0081	0.034	ug/m3	1.3	
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	10061-02-6	trans-1,3-Dichloropropene	0.023	U	0.0041	0.023	ug/m3	0.023	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	10061-02-6	trans-1,3-Dichloropropene	0.0050	U	0.00090	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	79-01-6	Trichloroethylene	0.027	U	0.0051	0.027	ug/m3	0.027	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	79-01-6	Trichloroethylene	0.0050	U	0.00095	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	75-01-4	Vinyl chloride	0.0051	U	0.0014	0.0051	ug/m3	0.0051	U
LV-04-IA-G-48-20241003	TO-15 (BY SIM)	75-01-4	Vinyl chloride	0.0020	U	0.00056	0.0020	ppbv	0.0020	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-04-IA-G-48-20241003-DU	MADEP APH	106-99-0	1,3-Butadiene	0.88	U	0.22	0.88	ug/m3	0.88	U
LV-04-IA-G-48-20241003-DU	MADEP APH	106-99-0	1,3-Butadiene	0.40	U	0.098	0.40	ppbv	0.40	U
LV-04-IA-G-48-20241003-DU	MADEP APH	71-43-2	Benzene	0.084	J	0.070	0.40	ppbv	0.084	J
LV-04-IA-G-48-20241003-DU	MADEP APH	71-43-2	Benzene	0.27	J	0.22	1.3	ug/m3	0.27	J
LV-04-IA-G-48-20241003-DU	MADEP APH		C5- C8 Aliphatics (APH)	62.7		0.078	2.4	ppbv	62.7	
LV-04-IA-G-48-20241003-DU	MADEP APH		C5- C8 Aliphatics (APH)	238		0.30	9.1	ug/m3	238	
LV-04-IA-G-48-20241003-DU	MADEP APH		C5- C8 Aliphatics (Unadj.)	64.2		0.40	2.4	ppbv	64.2	
LV-04-IA-G-48-20241003-DU	MADEP APH		C5- C8 Aliphatics (Unadj.)	244		1.5	9.1	ug/m3	244	
LV-04-IA-G-48-20241003-DU	MADEP APH		C9- C10 Aromatics (APH)	10.0	U	1.7	10	ug/m3	10.0	U
LV-04-IA-G-48-20241003-DU	MADEP APH		C9- C10 Aromatics (APH)	2.0	U	0.33	2.0	ppbv	2.0	U
LV-04-IA-G-48-20241003-DU	MADEP APH		C9- C12 Aliphatics (APH)	29.0		0.52	14	ug/m3	29.0	
LV-04-IA-G-48-20241003-DU	MADEP APH		C9- C12 Aliphatics (APH)	5.0		0.088	2.4	ppbv	5.0	
LV-04-IA-G-48-20241003-DU	MADEP APH		C9- C12 Aliphatics (Unadj.)	5.0		0.56	2.4	ppbv	5.0	
LV-04-IA-G-48-20241003-DU	MADEP APH		C9- C12 Aliphatics (Unadj.)	29.0		3.3	14	ug/m3	29.0	
LV-04-IA-G-48-20241003-DU	MADEP APH	100-41-4	Ethylbenzene	1.7	U	0.26	1.7	ug/m3	1.7	U
LV-04-IA-G-48-20241003-DU	MADEP APH	100-41-4	Ethylbenzene	0.40	U	0.060	0.40	ppbv	0.40	U
LV-04-IA-G-48-20241003-DU	MADEP APH	179601-23-1	m,p-Xylene	1.0	J	0.83	1.7	ug/m3	1.0	J
LV-04-IA-G-48-20241003-DU	MADEP APH	179601-23-1	m,p-Xylene	0.23	J	0.19	0.40	ppbv	0.23	J
LV-04-IA-G-48-20241003-DU	MADEP APH	1634-04-4	Methyl Tert Butyl Ether	0.40	U	0.057	0.40	ppbv	0.40	U
LV-04-IA-G-48-20241003-DU	MADEP APH	1634-04-4	Methyl Tert Butyl Ether	1.4	U	0.21	1.4	ug/m3	1.4	U
LV-04-IA-G-48-20241003-DU	MADEP APH	91-20-3	Naphthalene	2.1	U	1.8	2.1	ug/m3	2.1	U
LV-04-IA-G-48-20241003-DU	MADEP APH	91-20-3	Naphthalene	0.40	U	0.34	0.40	ppbv	0.40	U
LV-04-IA-G-48-20241003-DU	MADEP APH	95-47-6	o-Xylene	1.7	U	0.28	1.7	ug/m3	1.7	U
LV-04-IA-G-48-20241003-DU	MADEP APH	95-47-6	o-Xylene	0.40	U	0.064	0.40	ppbv	0.40	U
LV-04-IA-G-48-20241003-DU	MADEP APH	108-88-3	Toluene	1.1		0.059	0.40	ppbv	1.1	
LV-04-IA-G-48-20241003-DU	MADEP APH	108-88-3	Toluene	4.1		0.22	1.5	ug/m3	4.1	
LV-04-IA-G-48-20241003-DU	TO-15	71-55-6	1,1,1-Trichloroethane	1.8	U	0.71	1.8	ug/m3	1.8	U
LV-04-IA-G-48-20241003-DU	TO-15	71-55-6	1,1,1-Trichloroethane	0.33	U	0.13	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	79-34-5	1,1,2,2-Tetrachloroethane	2.3	U	0.54	2.3	ug/m3	2.3	U
LV-04-IA-G-48-20241003-DU	TO-15	79-34-5	1,1,2,2-Tetrachloroethane	0.33	U	0.079	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	79-00-5	1,1,2-Trichloroethane	1.8	U	0.34	1.8	ug/m3	1.8	U
LV-04-IA-G-48-20241003-DU	TO-15	79-00-5	1,1,2-Trichloroethane	0.33	U	0.063	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	75-35-4	1,1-Dichloroethylene	1.3	U	0.38	1.3	ug/m3	1.3	U
LV-04-IA-G-48-20241003-DU	TO-15	75-35-4	1,1-Dichloroethylene	0.33	U	0.097	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	120-82-1	1,2,4-Trichlorobenzene	2.4	U	1.5	2.4	ug/m3	2.4	U
LV-04-IA-G-48-20241003-DU	TO-15	120-82-1	1,2,4-Trichlorobenzene	0.33	U	0.20	0.33	ppbv	0.33	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-04-IA-G-48-20241003-DU	TO-15	95-63-6	1,2,4-Trimethylbenzene	1.6	U	0.69	1.6	ug/m3	1.6	U
LV-04-IA-G-48-20241003-DU	TO-15	95-63-6	1,2,4-Trimethylbenzene	0.33	U	0.14	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	106-93-4	1,2-Dibromoethane (EDB)	0.33	U	0.050	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	106-93-4	1,2-Dibromoethane (EDB)	2.5	U	0.38	2.5	ug/m3	2.5	U
LV-04-IA-G-48-20241003-DU	TO-15	107-06-2	1,2-Dichloroethane	1.3	U	0.49	1.3	ug/m3	1.3	U
LV-04-IA-G-48-20241003-DU	TO-15	107-06-2	1,2-Dichloroethane	0.33	U	0.12	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	78-87-5	1,2-Dichloropropane	0.33	U	0.10	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	78-87-5	1,2-Dichloropropane	1.5	U	0.46	1.5	ug/m3	1.5	U
LV-04-IA-G-48-20241003-DU	TO-15	108-67-8	1,3,5-Trimethylbenzene	0.33	U	0.13	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	108-67-8	1,3,5-Trimethylbenzene	1.6	U	0.64	1.6	ug/m3	1.6	U
LV-04-IA-G-48-20241003-DU	TO-15	123-91-1	1,4-Dioxane	1.2	U	0.28	1.2	ug/m3	1.2	U
LV-04-IA-G-48-20241003-DU	TO-15	123-91-1	1,4-Dioxane	0.33	U	0.079	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	591-78-6	2-Hexanone	0.33	U	0.24	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	591-78-6	2-Hexanone	1.3	U	0.98	1.3	ug/m3	1.3	U
LV-04-IA-G-48-20241003-DU	TO-15	622-96-8	4-Ethyltoluene	1.6	U	0.79	1.6	ug/m3	1.6	U
LV-04-IA-G-48-20241003-DU	TO-15	622-96-8	4-Ethyltoluene	0.33	U	0.16	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	67-64-1	Acetone (2-Propanone)	200		2.3	3.1	ug/m3	200	
LV-04-IA-G-48-20241003-DU	TO-15	67-64-1	Acetone (2-Propanone)	84.4		0.96	1.3	ppbv	84.4	
LV-04-IA-G-48-20241003-DU	TO-15	71-43-2	Benzene	0.33	U	0.078	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	71-43-2	Benzene	1.1	U	0.25	1.1	ug/m3	1.1	U
LV-04-IA-G-48-20241003-DU	TO-15	100-44-7	Benzyl Chloride	0.33	U	0.21	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	100-44-7	Benzyl Chloride	1.7	U	1.1	1.7	ug/m3	1.7	U
LV-04-IA-G-48-20241003-DU	TO-15	75-27-4	Bromodichloromethane	2.2	U	0.33	2.2	ug/m3	2.2	U
LV-04-IA-G-48-20241003-DU	TO-15	75-27-4	Bromodichloromethane	0.33	U	0.050	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	75-25-2	Bromoform	3.4	U	1.2	3.4	ug/m3	3.4	U
LV-04-IA-G-48-20241003-DU	TO-15	75-25-2	Bromoform	0.33	U	0.12	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	74-83-9	Bromomethane	1.3	U	0.43	1.3	ug/m3	1.3	U
LV-04-IA-G-48-20241003-DU	TO-15	74-83-9	Bromomethane	0.33	U	0.11	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	75-15-0	Carbon disulfide	1.0	U	0.23	1.0	ug/m3	1.0	U
LV-04-IA-G-48-20241003-DU	TO-15	75-15-0	Carbon disulfide	0.33	U	0.074	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	56-23-5	Carbon tetrachloride	0.33	U	0.066	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	56-23-5	Carbon tetrachloride	2.1	U	0.42	2.1	ug/m3	2.1	U
LV-04-IA-G-48-20241003-DU	TO-15	108-90-7	Chlorobenzene	0.33	U	0.12	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	108-90-7	Chlorobenzene	1.5	U	0.55	1.5	ug/m3	1.5	U
LV-04-IA-G-48-20241003-DU	TO-15	75-00-3	Chloroethane	0.87	U	0.29	0.87	ug/m3	0.87	U
LV-04-IA-G-48-20241003-DU	TO-15	75-00-3	Chloroethane	0.33	U	0.11	0.33	ppbv	0.33	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-04-IA-G-48-20241003-DU	TO-15	67-66-3	Chloroform	0.33	U	0.061	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	67-66-3	Chloroform	1.6	U	0.30	1.6	ug/m3	1.6	U
LV-04-IA-G-48-20241003-DU	TO-15	74-87-3	Chloromethane	0.55		0.15	0.33	ppbv	0.55	
LV-04-IA-G-48-20241003-DU	TO-15	74-87-3	Chloromethane	1.1		0.31	0.68	ug/m3	1.1	
LV-04-IA-G-48-20241003-DU	TO-15	156-59-2	cis-1,2-Dichloroethylene	1.3	U	0.20	1.3	ug/m3	1.3	U
LV-04-IA-G-48-20241003-DU	TO-15	156-59-2	cis-1,2-Dichloroethylene	0.33	U	0.050	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	10061-01-5	cis-1,3-Dichloropropene	0.33	U	0.10	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	10061-01-5	cis-1,3-Dichloropropene	1.5	U	0.45	1.5	ug/m3	1.5	U
LV-04-IA-G-48-20241003-DU	TO-15	110-82-7	Cyclohexane	1.1	U	0.25	1.1	ug/m3	1.1	U
LV-04-IA-G-48-20241003-DU	TO-15	110-82-7	Cyclohexane	0.33	U	0.074	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	124-48-1	Dibromochloromethane	2.8	U	0.73	2.8	ug/m3	2.8	U
LV-04-IA-G-48-20241003-DU	TO-15	124-48-1	Dibromochloromethane	0.33	U	0.086	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	75-71-8	Dichlorodifluoromethane	2.1		0.84	1.6	ug/m3	2.1	
LV-04-IA-G-48-20241003-DU	TO-15	75-71-8	Dichlorodifluoromethane	0.42		0.17	0.33	ppbv	0.42	
LV-04-IA-G-48-20241003-DU	TO-15	141-78-6	Ethyl Acetate	18.0		0.61	1.2	ug/m3	18.0	
LV-04-IA-G-48-20241003-DU	TO-15	141-78-6	Ethyl Acetate	5.0		0.17	0.33	ppbv	5.0	
LV-04-IA-G-48-20241003-DU	TO-15	100-41-4	Ethylbenzene	1.4	U	0.43	1.4	ug/m3	1.4	U
LV-04-IA-G-48-20241003-DU	TO-15	100-41-4	Ethylbenzene	0.33	U	0.10	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	76-13-1	Freon 113	2.5	U	0.39	2.5	ug/m3	2.5	U
LV-04-IA-G-48-20241003-DU	TO-15	76-13-1	Freon 113	0.33	U	0.051	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	76-14-2	Freon 114	0.33	U	0.083	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	76-14-2	Freon 114	2.3	U	0.58	2.3	ug/m3	2.3	U
LV-04-IA-G-48-20241003-DU	TO-15	142-82-5	Heptane	0.58		0.15	0.33	ppbv	0.58	
LV-04-IA-G-48-20241003-DU	TO-15	142-82-5	Heptane	2.4		0.61	1.4	ug/m3	2.4	
LV-04-IA-G-48-20241003-DU	TO-15	87-68-3	Hexachlorobutadiene	0.33	U	0.10	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	87-68-3	Hexachlorobutadiene	3.5	U	1.1	3.5	ug/m3	3.5	U
LV-04-IA-G-48-20241003-DU	TO-15	110-54-3	Hexane	0.62		0.086	0.33	ppbv	0.62	
LV-04-IA-G-48-20241003-DU	TO-15	110-54-3	Hexane	2.2		0.30	1.2	ug/m3	2.2	
LV-04-IA-G-48-20241003-DU	TO-15	67-63-0	Isopropyl Alcohol	22.7	B	0.23	0.33	ppbv	22.7	B
LV-04-IA-G-48-20241003-DU	TO-15	67-63-0	Isopropyl Alcohol	55.8	B	0.57	0.81	ug/m3	55.8	B
LV-04-IA-G-48-20241003-DU	TO-15	98-82-8	Isopropylbenzene	0.33	U	0.11	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	98-82-8	Isopropylbenzene	1.6	U	0.54	1.6	ug/m3	1.6	U
LV-04-IA-G-48-20241003-DU	TO-15	541-73-1	m-Dichlorobenzene	2.0	U	1.3	2.0	ug/m3	2.0	U
LV-04-IA-G-48-20241003-DU	TO-15	541-73-1	m-Dichlorobenzene	0.33	U	0.22	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	78-93-3	Methyl ethyl ketone	3.3		0.18	0.33	ppbv	3.3	
LV-04-IA-G-48-20241003-DU	TO-15	78-93-3	Methyl ethyl ketone	9.7		0.53	0.97	ug/m3	9.7	

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-04-IA-G-48-20241003-DU	TO-15	108-10-1	Methyl Isobutyl Ketone	0.86	J	0.49	1.4	ug/m3	0.86	J
LV-04-IA-G-48-20241003-DU	TO-15	108-10-1	Methyl Isobutyl Ketone	0.21	J	0.12	0.33	ppbv	0.21	J
LV-04-IA-G-48-20241003-DU	TO-15	1634-04-4	Methyl Tert Butyl Ether	0.33	U	0.13	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	1634-04-4	Methyl Tert Butyl Ether	1.2	U	0.47	1.2	ug/m3	1.2	U
LV-04-IA-G-48-20241003-DU	TO-15	75-09-2	Methylene chloride	1.1		0.22	0.33	ppbv	1.1	
LV-04-IA-G-48-20241003-DU	TO-15	75-09-2	Methylene chloride	3.8		0.76	1.1	ug/m3	3.8	
LV-04-IA-G-48-20241003-DU	TO-15	91-20-3	Naphthalene	1.7	U	1.1	1.7	ug/m3	1.7	U
LV-04-IA-G-48-20241003-DU	TO-15	91-20-3	Naphthalene	0.33	U	0.21	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	95-50-1	o-Dichlorobenzene	0.33	U	0.11	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	95-50-1	o-Dichlorobenzene	2.0	U	0.66	2.0	ug/m3	2.0	U
LV-04-IA-G-48-20241003-DU	TO-15	106-46-7	p-Dichlorobenzene	2.0	U	0.78	2.0	ug/m3	2.0	U
LV-04-IA-G-48-20241003-DU	TO-15	106-46-7	p-Dichlorobenzene	0.33	U	0.13	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	115-07-1	Propylene	0.83	U	0.23	0.83	ppbv	0.83	U
LV-04-IA-G-48-20241003-DU	TO-15	115-07-1	Propylene	1.4	U	0.40	1.4	ug/m3	1.4	U
LV-04-IA-G-48-20241003-DU	TO-15	100-42-5	Styrene	0.33	U	0.087	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	100-42-5	Styrene	1.4	U	0.37	1.4	ug/m3	1.4	U
LV-04-IA-G-48-20241003-DU	TO-15	127-18-4	Tetrachloroethylene	0.20		0.023	0.066	ppbv	0.20	
LV-04-IA-G-48-20241003-DU	TO-15	127-18-4	Tetrachloroethylene	1.4		0.16	0.45	ug/m3	1.4	
LV-04-IA-G-48-20241003-DU	TO-15	109-99-9	Tetrahydrofuran	1.9		0.15	0.33	ppbv	1.9	
LV-04-IA-G-48-20241003-DU	TO-15	109-99-9	Tetrahydrofuran	5.6		0.44	0.97	ug/m3	5.6	
LV-04-IA-G-48-20241003-DU	TO-15	108-88-3	Toluene	1.3		0.094	0.33	ppbv	1.3	
LV-04-IA-G-48-20241003-DU	TO-15	108-88-3	Toluene	4.9		0.35	1.2	ug/m3	4.9	
LV-04-IA-G-48-20241003-DU	TO-15	156-60-5	trans-1,2-Dichloroethylene	0.33	U	0.046	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	156-60-5	trans-1,2-Dichloroethylene	1.3	U	0.18	1.3	ug/m3	1.3	U
LV-04-IA-G-48-20241003-DU	TO-15	10061-02-6	trans-1,3-Dichloropropene	0.33	U	0.17	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	10061-02-6	trans-1,3-Dichloropropene	1.5	U	0.77	1.5	ug/m3	1.5	U
LV-04-IA-G-48-20241003-DU	TO-15	79-01-6	Trichloroethylene	0.066	U	0.031	0.066	ppbv	0.066	U
LV-04-IA-G-48-20241003-DU	TO-15	79-01-6	Trichloroethylene	0.35	U	0.17	0.35	ug/m3	0.35	U
LV-04-IA-G-48-20241003-DU	TO-15	75-69-4	Trichlorofluoromethane	0.33	U	0.25	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	75-69-4	Trichlorofluoromethane	1.9	U	1.4	1.9	ug/m3	1.9	U
LV-04-IA-G-48-20241003-DU	TO-15	108-05-4	Vinyl Acetate	4.6		0.63	1.2	ug/m3	4.6	
LV-04-IA-G-48-20241003-DU	TO-15	108-05-4	Vinyl Acetate	1.3		0.18	0.33	ppbv	1.3	
LV-04-IA-G-48-20241003-DU	TO-15	75-01-4	Vinyl chloride	0.84	U	0.28	0.84	ug/m3	0.84	U
LV-04-IA-G-48-20241003-DU	TO-15	75-01-4	Vinyl chloride	0.33	U	0.11	0.33	ppbv	0.33	U
LV-04-IA-G-48-20241003-DU	TO-15	1330-20-7	Xylenes (total)	1.4	U	0.56	1.4	ug/m3	1.4	U
LV-04-IA-G-48-20241003-DU	TO-15	1330-20-7	Xylenes (total)	0.33	U	0.13	0.33	ppbv	0.33	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	71-55-6	1,1,1-Trichloroethane	0.043		0.00090	0.0020	ppbv	0.043	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	71-55-6	1,1,1-Trichloroethane	0.23		0.0049	0.011	ug/m3	0.23	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	79-34-5	1,1,2,2-Tetrachloroethane	0.034	U	0.0069	0.034	ug/m3	0.034	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U	0.0010	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	79-00-5	1,1,2-Trichloroethane	0.027	U	0.0076	0.027	ug/m3	0.027	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	79-00-5	1,1,2-Trichloroethane	0.0050	U	0.0014	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	75-35-4	1,1-Dichloroethylene	0.0079	U	0.0040	0.0079	ug/m3	0.0079	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	75-35-4	1,1-Dichloroethylene	0.0020	U	0.0010	0.0020	ppbv	0.0020	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	106-93-4	1,2-Dibromoethane	0.038	U	0.0085	0.038	ug/m3	0.038	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	106-93-4	1,2-Dibromoethane	0.0050	U	0.0011	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	107-06-2	1,2-Dichloroethane	0.015		0.0014	0.0050	ppbv	0.015	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	107-06-2	1,2-Dichloroethane	0.061		0.0057	0.020	ug/m3	0.061	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	78-87-5	1,2-Dichloropropane	0.023	U	0.0065	0.023	ug/m3	0.023	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	78-87-5	1,2-Dichloropropane	0.0050	U	0.0014	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	71-43-2	Benzene	0.27		0.012	0.032	ug/m3	0.27	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	71-43-2	Benzene	0.086		0.0037	0.010	ppbv	0.086	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	75-27-4	Bromodichloromethane	0.0044	J	0.0010	0.0050	ppbv	0.0044	J
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	75-27-4	Bromodichloromethane	0.029	J	0.0067	0.033	ug/m3	0.029	J
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	56-23-5	Carbon tetrachloride	0.50		0.010	0.031	ug/m3	0.50	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	56-23-5	Carbon tetrachloride	0.079		0.0016	0.0050	ppbv	0.079	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	67-66-3	Chloroform	0.13		0.0029	0.024	ug/m3	0.13	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	67-66-3	Chloroform	0.026		0.00060	0.0050	ppbv	0.026	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	10061-01-5	cis-1,3-Dichloropropene	0.0050	U	0.0017	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	10061-01-5	cis-1,3-Dichloropropene	0.023	U	0.0077	0.023	ug/m3	0.023	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	124-48-1	Dibromochloromethane	0.0050	U	0.00060	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	124-48-1	Dibromochloromethane	0.043	U	0.0051	0.043	ug/m3	0.043	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	106-46-7	p-Dichlorobenzene	0.0029		0.00060	0.0020	ppbv	0.0029	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	106-46-7	p-Dichlorobenzene	0.017		0.0036	0.012	ug/m3	0.017	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	127-18-4	Tetrachloroethylene	0.18		0.0012	0.0050	ppbv	0.18	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	127-18-4	Tetrachloroethylene	1.2		0.0081	0.034	ug/m3	1.2	
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	10061-02-6	trans-1,3-Dichloropropene	0.0050	U	0.00090	0.0050	ppbv	0.0050	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	10061-02-6	trans-1,3-Dichloropropene	0.023	U	0.0041	0.023	ug/m3	0.023	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	79-01-6	Trichloroethylene	0.0023	J	0.00095	0.0050	ppbv	0.0023	J
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	79-01-6	Trichloroethylene	0.012	J	0.0051	0.027	ug/m3	0.012	J
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	75-01-4	Vinyl chloride	0.0051	U	0.0014	0.0051	ug/m3	0.0051	U
LV-04-IA-G-48-20241003-DU	TO-15 (BY SIM)	75-01-4	Vinyl chloride	0.0020	U	0.00056	0.0020	ppbv	0.0020	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-05-IA-G-48-20241003	MADEP APH	106-99-0	1,3-Butadiene	0.88	U	0.22	0.88	ug/m3	0.88	U
LV-05-IA-G-48-20241003	MADEP APH	106-99-0	1,3-Butadiene	0.40	U	0.098	0.40	ppbv	0.40	U
LV-05-IA-G-48-20241003	MADEP APH	71-43-2	Benzene	0.11	J	0.070	0.40	ppbv	0.11	J
LV-05-IA-G-48-20241003	MADEP APH	71-43-2	Benzene	0.35	J	0.22	1.3	ug/m3	0.35	J
LV-05-IA-G-48-20241003	MADEP APH		C5- C8 Aliphatics (APH)	991		0.30	9.1	ug/m3	991	
LV-05-IA-G-48-20241003	MADEP APH		C5- C8 Aliphatics (APH)	261		0.078	2.4	ppbv	261	
LV-05-IA-G-48-20241003	MADEP APH		C5- C8 Aliphatics (Unadj.)	265		0.40	2.4	ppbv	265	
LV-05-IA-G-48-20241003	MADEP APH		C5- C8 Aliphatics (Unadj.)	1010		1.5	9.1	ug/m3	1010	
LV-05-IA-G-48-20241003	MADEP APH		C9- C10 Aromatics (APH)	2.0	U	0.33	2.0	ppbv	2.0	U
LV-05-IA-G-48-20241003	MADEP APH		C9- C10 Aromatics (APH)	10.0	U	1.7	10	ug/m3	10.0	U
LV-05-IA-G-48-20241003	MADEP APH		C9- C12 Aliphatics (APH)	15.6		0.088	2.4	ppbv	15.6	
LV-05-IA-G-48-20241003	MADEP APH		C9- C12 Aliphatics (APH)	92.0		0.52	14	ug/m3	92.0	
LV-05-IA-G-48-20241003	MADEP APH		C9- C12 Aliphatics (Unadj.)	92.0		3.3	14	ug/m3	92.0	
LV-05-IA-G-48-20241003	MADEP APH		C9- C12 Aliphatics (Unadj.)	15.6		0.56	2.4	ppbv	15.6	
LV-05-IA-G-48-20241003	MADEP APH	100-41-4	Ethylbenzene	0.78	J	0.26	1.7	ug/m3	0.78	J
LV-05-IA-G-48-20241003	MADEP APH	100-41-4	Ethylbenzene	0.18	J	0.060	0.40	ppbv	0.18	J
LV-05-IA-G-48-20241003	MADEP APH	179601-23-1	m,p-Xylene	5.6		0.83	1.7	ug/m3	5.6	
LV-05-IA-G-48-20241003	MADEP APH	179601-23-1	m,p-Xylene	1.3		0.19	0.40	ppbv	1.3	
LV-05-IA-G-48-20241003	MADEP APH	1634-04-4	Methyl Tert Butyl Ether	0.40	U	0.057	0.40	ppbv	0.40	U
LV-05-IA-G-48-20241003	MADEP APH	1634-04-4	Methyl Tert Butyl Ether	1.4	U	0.21	1.4	ug/m3	1.4	U
LV-05-IA-G-48-20241003	MADEP APH	91-20-3	Naphthalene	0.40	U	0.34	0.40	ppbv	0.40	U
LV-05-IA-G-48-20241003	MADEP APH	91-20-3	Naphthalene	2.1	U	1.8	2.1	ug/m3	2.1	U
LV-05-IA-G-48-20241003	MADEP APH	95-47-6	o-Xylene	1.8		0.28	1.7	ug/m3	1.8	
LV-05-IA-G-48-20241003	MADEP APH	95-47-6	o-Xylene	0.41		0.064	0.40	ppbv	0.41	
LV-05-IA-G-48-20241003	MADEP APH	108-88-3	Toluene	8.7		0.22	1.5	ug/m3	8.7	
LV-05-IA-G-48-20241003	MADEP APH	108-88-3	Toluene	2.3		0.059	0.40	ppbv	2.3	
LV-05-IA-G-48-20241003	TO-15	71-55-6	1,1,1-Trichloroethane	0.20	U	0.078	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	71-55-6	1,1,1-Trichloroethane	1.1	U	0.43	1.1	ug/m3	1.1	U
LV-05-IA-G-48-20241003	TO-15	79-34-5	1,1,2,2-Tetrachloroethane	0.20	U	0.048	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	0.33	1.4	ug/m3	1.4	U
LV-05-IA-G-48-20241003	TO-15	79-00-5	1,1,2-Trichloroethane	1.1	U	0.21	1.1	ug/m3	1.1	U
LV-05-IA-G-48-20241003	TO-15	79-00-5	1,1,2-Trichloroethane	0.20	U	0.038	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	75-35-4	1,1-Dichloroethylene	0.79	U	0.23	0.79	ug/m3	0.79	U
LV-05-IA-G-48-20241003	TO-15	75-35-4	1,1-Dichloroethylene	0.20	U	0.059	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.12	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	120-82-1	1,2,4-Trichlorobenzene	1.5	U	0.89	1.5	ug/m3	1.5	U

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-05-IA-G-48-20241003	TO-15	95-63-6	1,2,4-Trimethylbenzene	1.5		0.43	0.98	ug/m3	1.5	
LV-05-IA-G-48-20241003	TO-15	95-63-6	1,2,4-Trimethylbenzene	0.30		0.087	0.20	ppbv	0.30	
LV-05-IA-G-48-20241003	TO-15	106-93-4	1,2-Dibromoethane (EDB)	1.5 U		0.23	1.5	ug/m3	1.5 U	
LV-05-IA-G-48-20241003	TO-15	106-93-4	1,2-Dibromoethane (EDB)	0.20 U		0.030	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	107-06-2	1,2-Dichloroethane	0.81 U		0.28	0.81	ug/m3	0.81 U	
LV-05-IA-G-48-20241003	TO-15	107-06-2	1,2-Dichloroethane	0.20 U		0.070	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	78-87-5	1,2-Dichloropropane	0.20 U		0.062	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	78-87-5	1,2-Dichloropropane	0.92 U		0.29	0.92	ug/m3	0.92 U	
LV-05-IA-G-48-20241003	TO-15	108-67-8	1,3,5-Trimethylbenzene	0.49 J		0.39	0.98	ug/m3	0.49 J	
LV-05-IA-G-48-20241003	TO-15	108-67-8	1,3,5-Trimethylbenzene	0.10 J		0.080	0.20	ppbv	0.10 J	
LV-05-IA-G-48-20241003	TO-15	123-91-1	1,4-Dioxane	0.20 U		0.048	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	123-91-1	1,4-Dioxane	0.72 U		0.17	0.72	ug/m3	0.72 U	
LV-05-IA-G-48-20241003	TO-15	591-78-6	2-Hexanone	0.82 U		0.61	0.82	ug/m3	0.82 U	
LV-05-IA-G-48-20241003	TO-15	591-78-6	2-Hexanone	0.20 U		0.15	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	622-96-8	4-Ethyltoluene	0.98 U		0.47	0.98	ug/m3	0.98 U	
LV-05-IA-G-48-20241003	TO-15	622-96-8	4-Ethyltoluene	0.20 U		0.095	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	67-64-1	Acetone (2-Propanone)	134		2.2	3.1	ug/m3	134	
LV-05-IA-G-48-20241003	TO-15	67-64-1	Acetone (2-Propanone)	56.3		0.92	1.3	ppbv	56.3	
LV-05-IA-G-48-20241003	TO-15	71-43-2	Benzene	0.18 J		0.047	0.20	ppbv	0.18 J	
LV-05-IA-G-48-20241003	TO-15	71-43-2	Benzene	0.58 J		0.15	0.64	ug/m3	0.58 J	
LV-05-IA-G-48-20241003	TO-15	100-44-7	Benzyl Chloride	0.20 U		0.13	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	100-44-7	Benzyl Chloride	1.0 U		0.67	1.0	ug/m3	1.0 U	
LV-05-IA-G-48-20241003	TO-15	75-27-4	Bromodichloromethane	0.20 U		0.030	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	75-27-4	Bromodichloromethane	1.3 U		0.20	1.3	ug/m3	1.3 U	
LV-05-IA-G-48-20241003	TO-15	75-25-2	Bromoform	2.1 U		0.73	2.1	ug/m3	2.1 U	
LV-05-IA-G-48-20241003	TO-15	75-25-2	Bromoform	0.20 U		0.071	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	74-83-9	Bromomethane	0.20 U		0.069	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	74-83-9	Bromomethane	0.78 U		0.27	0.78	ug/m3	0.78 U	
LV-05-IA-G-48-20241003	TO-15	75-15-0	Carbon disulfide	0.14 J		0.045	0.20	ppbv	0.14 J	
LV-05-IA-G-48-20241003	TO-15	75-15-0	Carbon disulfide	0.44 J		0.14	0.62	ug/m3	0.44 J	
LV-05-IA-G-48-20241003	TO-15	56-23-5	Carbon tetrachloride	1.3 U		0.25	1.3	ug/m3	1.3 U	
LV-05-IA-G-48-20241003	TO-15	56-23-5	Carbon tetrachloride	0.20 U		0.040	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	108-90-7	Chlorobenzene	0.20 U		0.074	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	108-90-7	Chlorobenzene	0.92 U		0.34	0.92	ug/m3	0.92 U	
LV-05-IA-G-48-20241003	TO-15	75-00-3	Chloroethane	0.20 U		0.068	0.20	ppbv	0.20 U	
LV-05-IA-G-48-20241003	TO-15	75-00-3	Chloroethane	0.53 U		0.18	0.53	ug/m3	0.53 U	

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-05-IA-G-48-20241003	TO-15	67-66-3	Chloroform	1.5		0.18	0.98	ug/m3	1.5	
LV-05-IA-G-48-20241003	TO-15	67-66-3	Chloroform	0.30		0.037	0.20	ppbv	0.30	
LV-05-IA-G-48-20241003	TO-15	74-87-3	Chloromethane	0.69		0.090	0.20	ppbv	0.69	
LV-05-IA-G-48-20241003	TO-15	74-87-3	Chloromethane	1.4		0.19	0.41	ug/m3	1.4	
LV-05-IA-G-48-20241003	TO-15	156-59-2	cis-1,2-Dichloroethylene	0.79	U	0.12	0.79	ug/m3	0.79	U
LV-05-IA-G-48-20241003	TO-15	156-59-2	cis-1,2-Dichloroethylene	0.20	U	0.030	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	10061-01-5	cis-1,3-Dichloropropene	0.20	U	0.062	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	10061-01-5	cis-1,3-Dichloropropene	0.91	U	0.28	0.91	ug/m3	0.91	U
LV-05-IA-G-48-20241003	TO-15	110-82-7	Cyclohexane	0.69	U	0.15	0.69	ug/m3	0.69	U
LV-05-IA-G-48-20241003	TO-15	110-82-7	Cyclohexane	0.20	U	0.045	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	124-48-1	Dibromochloromethane	0.20	U	0.052	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	124-48-1	Dibromochloromethane	1.7	U	0.44	1.7	ug/m3	1.7	U
LV-05-IA-G-48-20241003	TO-15	75-71-8	Dichlorodifluoromethane	3.5		0.49	0.99	ug/m3	3.5	
LV-05-IA-G-48-20241003	TO-15	75-71-8	Dichlorodifluoromethane	0.70		0.10	0.20	ppbv	0.70	
LV-05-IA-G-48-20241003	TO-15	141-78-6	Ethyl Acetate	9.3		0.10	0.20	ppbv	9.3	
LV-05-IA-G-48-20241003	TO-15	141-78-6	Ethyl Acetate	33.0		0.36	0.72	ug/m3	33.0	
LV-05-IA-G-48-20241003	TO-15	100-41-4	Ethylbenzene	1.0		0.26	0.87	ug/m3	1.0	
LV-05-IA-G-48-20241003	TO-15	100-41-4	Ethylbenzene	0.24		0.061	0.20	ppbv	0.24	
LV-05-IA-G-48-20241003	TO-15	76-13-1	Freon 113	1.5	U	0.24	1.5	ug/m3	1.5	U
LV-05-IA-G-48-20241003	TO-15	76-13-1	Freon 113	0.20	U	0.031	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	76-14-2	Freon 114	1.4	U	0.35	1.4	ug/m3	1.4	U
LV-05-IA-G-48-20241003	TO-15	76-14-2	Freon 114	0.20	U	0.050	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	142-82-5	Heptane	1.4		0.091	0.20	ppbv	1.4	
LV-05-IA-G-48-20241003	TO-15	142-82-5	Heptane	5.7		0.37	0.82	ug/m3	5.7	
LV-05-IA-G-48-20241003	TO-15	87-68-3	Hexachlorobutadiene	0.20	U	0.062	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	87-68-3	Hexachlorobutadiene	2.1	U	0.66	2.1	ug/m3	2.1	U
LV-05-IA-G-48-20241003	TO-15	110-54-3	Hexane	1.9		0.18	0.70	ug/m3	1.9	
LV-05-IA-G-48-20241003	TO-15	110-54-3	Hexane	0.55		0.052	0.20	ppbv	0.55	
LV-05-IA-G-48-20241003	TO-15	67-63-0	Isopropyl Alcohol	887	E	2.2	3.2	ug/m3	887	E
LV-05-IA-G-48-20241003	TO-15	67-63-0	Isopropyl Alcohol	361	E	0.89	1.3	ppbv	361	E
LV-05-IA-G-48-20241003	TO-15	98-82-8	Isopropylbenzene	0.98	U	0.31	0.98	ug/m3	0.98	U
LV-05-IA-G-48-20241003	TO-15	98-82-8	Isopropylbenzene	0.20	U	0.064	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	541-73-1	m-Dichlorobenzene	0.20	U	0.13	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	541-73-1	m-Dichlorobenzene	1.2	U	0.78	1.2	ug/m3	1.2	U
LV-05-IA-G-48-20241003	TO-15	78-93-3	Methyl ethyl ketone	5.2		0.11	0.20	ppbv	5.2	
LV-05-IA-G-48-20241003	TO-15	78-93-3	Methyl ethyl ketone	15.0		0.32	0.59	ug/m3	15.0	

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-05-IA-G-48-20241003	TO-15	108-10-1	Methyl Isobutyl Ketone	0.46		0.073	0.20	ppbv	0.46	
LV-05-IA-G-48-20241003	TO-15	108-10-1	Methyl Isobutyl Ketone	1.9		0.30	0.82	ug/m3	1.9	
LV-05-IA-G-48-20241003	TO-15	1634-04-4	Methyl Tert Butyl Ether	0.20	U	0.080	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	1634-04-4	Methyl Tert Butyl Ether	0.72	U	0.29	0.72	ug/m3	0.72	U
LV-05-IA-G-48-20241003	TO-15	75-09-2	Methylene chloride	3.4		0.45	0.69	ug/m3	3.4	
LV-05-IA-G-48-20241003	TO-15	75-09-2	Methylene chloride	0.97		0.13	0.20	ppbv	0.97	
LV-05-IA-G-48-20241003	TO-15	91-20-3	Naphthalene	0.20	U	0.13	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	91-20-3	Naphthalene	1.0	U	0.68	1.0	ug/m3	1.0	U
LV-05-IA-G-48-20241003	TO-15	95-50-1	o-Dichlorobenzene	1.2	U	0.41	1.2	ug/m3	1.2	U
LV-05-IA-G-48-20241003	TO-15	95-50-1	o-Dichlorobenzene	0.20	U	0.069	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	106-46-7	p-Dichlorobenzene	0.20	U	0.079	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	106-46-7	p-Dichlorobenzene	1.2	U	0.47	1.2	ug/m3	1.2	U
LV-05-IA-G-48-20241003	TO-15	115-07-1	Propylene	0.50	U	0.14	0.50	ppbv	0.50	U
LV-05-IA-G-48-20241003	TO-15	115-07-1	Propylene	0.86	U	0.24	0.86	ug/m3	0.86	U
LV-05-IA-G-48-20241003	TO-15	100-42-5	Styrene	0.43		0.053	0.20	ppbv	0.43	
LV-05-IA-G-48-20241003	TO-15	100-42-5	Styrene	1.8		0.23	0.85	ug/m3	1.8	
LV-05-IA-G-48-20241003	TO-15	127-18-4	Tetrachloroethylene	0.093		0.014	0.040	ppbv	0.093	
LV-05-IA-G-48-20241003	TO-15	127-18-4	Tetrachloroethylene	0.63		0.095	0.27	ug/m3	0.63	
LV-05-IA-G-48-20241003	TO-15	109-99-9	Tetrahydrofuran	0.77		0.090	0.20	ppbv	0.77	
LV-05-IA-G-48-20241003	TO-15	109-99-9	Tetrahydrofuran	2.3		0.27	0.59	ug/m3	2.3	
LV-05-IA-G-48-20241003	TO-15	108-88-3	Toluene	2.8		0.057	0.20	ppbv	2.8	
LV-05-IA-G-48-20241003	TO-15	108-88-3	Toluene	11.0		0.21	0.75	ug/m3	11.0	
LV-05-IA-G-48-20241003	TO-15	156-60-5	trans-1,2-Dichloroethylene	0.20	U	0.028	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	156-60-5	trans-1,2-Dichloroethylene	0.79	U	0.11	0.79	ug/m3	0.79	U
LV-05-IA-G-48-20241003	TO-15	10061-02-6	trans-1,3-Dichloropropene	0.20	U	0.10	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	10061-02-6	trans-1,3-Dichloropropene	0.91	U	0.45	0.91	ug/m3	0.91	U
LV-05-IA-G-48-20241003	TO-15	79-01-6	Trichloroethylene	0.21	U	0.10	0.21	ug/m3	0.21	U
LV-05-IA-G-48-20241003	TO-15	79-01-6	Trichloroethylene	0.040	U	0.019	0.040	ppbv	0.040	U
LV-05-IA-G-48-20241003	TO-15	75-69-4	Trichlorofluoromethane	1.7		0.84	1.1	ug/m3	1.7	
LV-05-IA-G-48-20241003	TO-15	75-69-4	Trichlorofluoromethane	0.30		0.15	0.20	ppbv	0.30	
LV-05-IA-G-48-20241003	TO-15	108-05-4	Vinyl Acetate	1.9		0.39	0.70	ug/m3	1.9	
LV-05-IA-G-48-20241003	TO-15	108-05-4	Vinyl Acetate	0.55		0.11	0.20	ppbv	0.55	
LV-05-IA-G-48-20241003	TO-15	75-01-4	Vinyl chloride	0.20	U	0.069	0.20	ppbv	0.20	U
LV-05-IA-G-48-20241003	TO-15	75-01-4	Vinyl chloride	0.51	U	0.18	0.51	ug/m3	0.51	U
LV-05-IA-G-48-20241003	TO-15	1330-20-7	Xylenes (total)	1.4		0.077	0.20	ppbv	1.4	
LV-05-IA-G-48-20241003	TO-15	1330-20-7	Xylenes (total)	5.9		0.33	0.87	ug/m3	5.9	

LEWISTOWN VA CLINIC AIR ANALYTICAL RESULTS SUMMARY
SGS NORTH AMERICA INC. REPORT NO. JD97727

Field Sample ID	Method	CAS#	Analyte	Lab Result	Lab Qual	MDL	RL	Units	Val Result	Val Qual
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	71-55-6	1,1,1-Trichloroethane	0.022		0.00090	0.0020	ppbv	0.022	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	71-55-6	1,1,1-Trichloroethane	0.12		0.0049	0.011	ug/m3	0.12	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U	0.0010	0.0050	ppbv	0.0050	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	79-34-5	1,1,2,2-Tetrachloroethane	0.034	U	0.0069	0.034	ug/m3	0.034	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	79-00-5	1,1,2-Trichloroethane	0.0095		0.0014	0.0050	ppbv	0.0095	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	79-00-5	1,1,2-Trichloroethane	0.052		0.0076	0.027	ug/m3	0.052	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	75-35-4	1,1-Dichloroethylene	0.0020	U	0.0010	0.0020	ppbv	0.0020	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	75-35-4	1,1-Dichloroethylene	0.0079	U	0.0040	0.0079	ug/m3	0.0079	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	106-93-4	1,2-Dibromoethane	0.038	U	0.0085	0.038	ug/m3	0.038	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	106-93-4	1,2-Dibromoethane	0.0050	U	0.0011	0.0050	ppbv	0.0050	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	107-06-2	1,2-Dichloroethane	0.17		0.0057	0.020	ug/m3	0.17	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	107-06-2	1,2-Dichloroethane	0.042		0.0014	0.0050	ppbv	0.042	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	78-87-5	1,2-Dichloropropane	0.0050	U	0.0014	0.0050	ppbv	0.0050	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	78-87-5	1,2-Dichloropropane	0.023	U	0.0065	0.023	ug/m3	0.023	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	71-43-2	Benzene	0.42		0.012	0.032	ug/m3	0.42	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	71-43-2	Benzene	0.13		0.0037	0.010	ppbv	0.13	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	75-27-4	Bromodichloromethane	0.012		0.0010	0.0050	ppbv	0.012	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	75-27-4	Bromodichloromethane	0.080		0.0067	0.033	ug/m3	0.080	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	56-23-5	Carbon tetrachloride	0.63		0.010	0.031	ug/m3	0.63	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	56-23-5	Carbon tetrachloride	0.10		0.0016	0.0050	ppbv	0.10	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	67-66-3	Chloroform	0.26		0.00060	0.0050	ppbv	0.26	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	67-66-3	Chloroform	1.3		0.0029	0.024	ug/m3	1.3	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	10061-01-5	cis-1,3-Dichloropropene	0.0050	U	0.0017	0.0050	ppbv	0.0050	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	10061-01-5	cis-1,3-Dichloropropene	0.023	U	0.0077	0.023	ug/m3	0.023	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	124-48-1	Dibromochloromethane	0.043	U	0.0051	0.043	ug/m3	0.043	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	124-48-1	Dibromochloromethane	0.0050	U	0.00060	0.0050	ppbv	0.0050	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	106-46-7	p-Dichlorobenzene	0.046		0.0036	0.012	ug/m3	0.046	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	106-46-7	p-Dichlorobenzene	0.0077		0.00060	0.0020	ppbv	0.0077	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	127-18-4	Tetrachloroethylene	0.60		0.0081	0.034	ug/m3	0.60	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	127-18-4	Tetrachloroethylene	0.089		0.0012	0.0050	ppbv	0.089	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	10061-02-6	trans-1,3-Dichloropropene	0.023	U	0.0041	0.023	ug/m3	0.023	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	10061-02-6	trans-1,3-Dichloropropene	0.0050	U	0.00090	0.0050	ppbv	0.0050	U
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	79-01-6	Trichloroethylene	0.0043	J	0.00095	0.0050	ppbv	0.0043	J
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	79-01-6	Trichloroethylene	0.023	J	0.0051	0.027	ug/m3	0.023	J
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	75-01-4	Vinyl chloride	0.0077		0.0014	0.0051	ug/m3	0.0077	
LV-05-IA-G-48-20241003	TO-15 (BY SIM)	75-01-4	Vinyl chloride	0.0030		0.00056	0.0020	ppbv	0.0030	