

WATER SAMPLING AND REPORTING SERVICES

COLUMBIA PUBLIC SCHOOLS JEFFERSON MIDDLE SCHOOL 713 ROGERS STREET COLUMBIA, MISSOURI

> Prepared for: COLUMBIA PUBLIC SCHOOLS

COLUMBIA, MISSOURI

Prepared by: GEOTECHNOLOGY, LLC, DBA UES ST. LOUIS, MISSOURI

Date: December 21, 2024

Project No.: **J044517.01**

SAFETY TEAMWORK RESPONSIVENESS INTEGRITY VALUE EXCELLENCE





Environmental Geotechnical Engineering Materials Testing Field Inspections & Code Compliance Geophysical Technology

December 21, 2024

Mr. David Seamon District Project Manager Columbia Public Schools 1818 West Worley Street Columbia, Missouri 65203

Re: Water Sampling and Reporting Services Columbia Public Schools Jefferson Middle School 713 Rogers Street Columbia, Missouri Project No. J044517.01

Dear Mr. Seamon:

In accordance with Columbia Public Schools' (CPS) Request for Proposal No. C-24043, dated October 10, 2023, Geotechnology, LLC, dba UES, is pleased to provide this drinking water sampling report for the referenced project. Our scope of services included flushing and sampling of drinking water from potable water outlets, laboratory analysis of water samples, and a letter report.

SITE AND PROJECT DESCRIPTION

The subject property consists of the existing Columbia Public Schools Jefferson Middle School, located northwest of the intersection of North 8th Street and Rogers Street in Columbia, Missouri. The purpose of the drinking water sampling was to identify potable water outlets that may require remediation in accordance with the State of Missouri's *Get the Lead out of School Drinking Water Act* (RSMo 160.077).

DRINKING WATER SAMPLING

RSMo 160.077 sets standards for lead concentrations in school drinking water, stating that each Missouri school shall provide drinking water with a lead concentration level below five (5) parts per billion (ppb). This Act requires schools to conduct the inventory, sampling, remediation, and monitoring at all potable drinking water outlets used or potentially used for drinking, food preparation, and cooking or cleaning utensils.

In general conformance with the RSMo 160.077 requirements, and the Environmental Protection Agency's (EPA) *3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities* manual, initial water flushing and sampling activities were conducted on January 10 and 11 and March 5, 2024, by Mr. Brad Lohrum, a Missouri-licensed lead risk assessor. Mr. Lohrum was assisted by Mr. Robert Haefner, a Missouri-licensed lead risk assessor, and Mr.



Seth Lamble, a Missouri-licensed lead inspector. Copies of training certificates and lead licenses for Messrs. Lohrum, Haefner, and Lamble are included in Appendix A.

An inventory of potable drinking water outlets was provided to UES by CPS. UES personnel sampled the identified outlets utilizing the EPA's "first-draw" methods. The identified outlets were flushed, then allowed to sit undisturbed for a period of 8-18 hours. Following this stagnation period, the first 250 milliliters (ml) of water expelled from the outlets were collected in laboratory-provided containers. A copy of the drinking water sampling forms, which include a list of sample locations, and the times and dates of flushing and sampling activities, is included in Appendix B. Floor plans depicting approximate sample locations are included as Figures 1-3.

Using standard chain-of-custody procedures, the drinking water samples were submitted to Teklab, Inc. of Collinsville, Illinois, an independent, certified Missouri Department of Natural Resources (MDNR) Drinking Water and National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory, for analysis of lead content via EPA Method 200.8: *Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma-Mass Spectrometry*.

RESULTS

Laboratory analyses detected the presence of lead at or above 5 ppb in the following samples.

| Sample Number / Location and Fixture Type | Results |
|--|----------|
| JMS-11 / Room 43 Orange Sink | 5.6 ppb |
| JMS-28 / Kitchen Dish Wash – Right-hand Sink | 20.9 ppb |
| JMS-39 / Room 137 Sink | 61 ppb |
| JMS-41 / Room 139 Orange Sink | 17.4 ppb |
| JMS-42 / Room 139 Yellow Sink | 10.6 ppb |
| JMS-45 / Room 139 Purple Sink | 13.5 ppb |
| JMS-59 / Room 145 Left-hand Sink | 6.4 ppb |
| JMS-68 / Room 309 Sink | 19.1 ppb |

TABLE 1DRINKING WATER OUTLETS AT OR ABOVE 5 PARTS PER BILLION

UES personnel returned to the site on June 26, 2024, to resample the sink located within Room 43 (JMS-11-2). Laboratory analysis of the submitted sample did not detect the presence of lead at or above 5 ppb.

UES will not be able to represent that the site contains no lead-bearing water outlets beyond those detected or observed by UES during flushing and sampling activities. Copies of the drinking water analytical results are included in Appendix C.



RECOMMENDATIONS

Our recommendations are summarized below:

It is our understanding that the remaining outlets identified in Table 1 that have not been
resampled have either been removed, marked as non-potable, or have otherwise been
taken out of service. Should these fixtures be put back into service following remediation
activities, or if replacement fixtures are to be put into service, further sampling and
testing should be conducted.

* * * * * *

The following attachments are included in and complete this report:

| Figure 1 | - | Drinking Water Sample Locations – Ground Floor |
|------------|---|---|
| Figure 2 | - | Drinking Water Sample Locations – First Floor |
| Figure 3 | - | Drinking Water Sample Locations – Second and Third Floors |
| Appendix A | - | Certificates and Licenses of Environmental Professionals |
| Appendix B | - | Drinking Water Sampling Forms |
| Appendix C | - | Drinking Water Laboratory Data Sheets |
| Appendix D | - | Limitations of Report |

* * * * * *

We appreciate the opportunity to provide our professional environmental consulting services to Columbia Public Schools on this project. If you have any questions or comments, please contact me at (314) 997-7440.

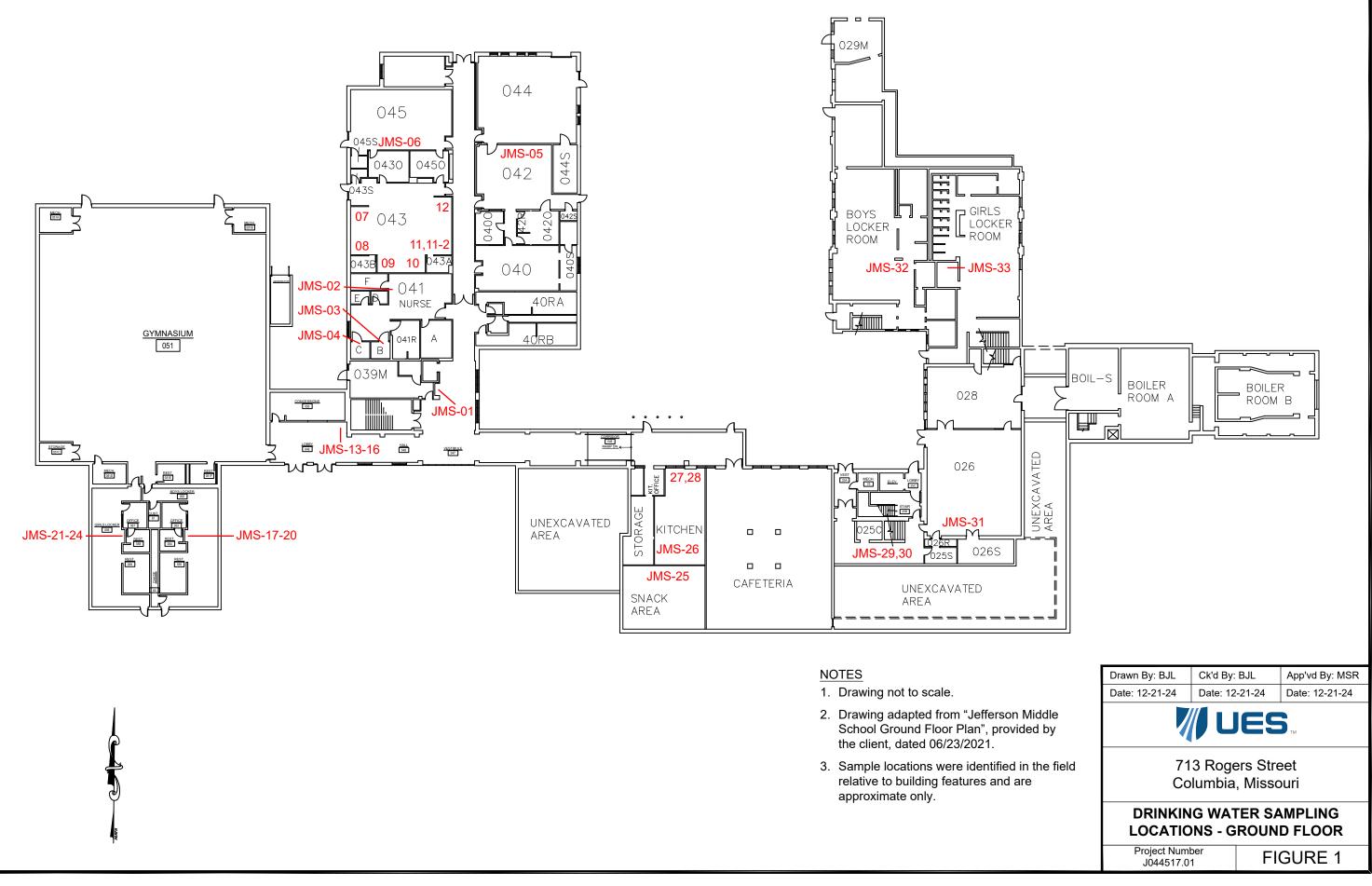
Very truly yours,

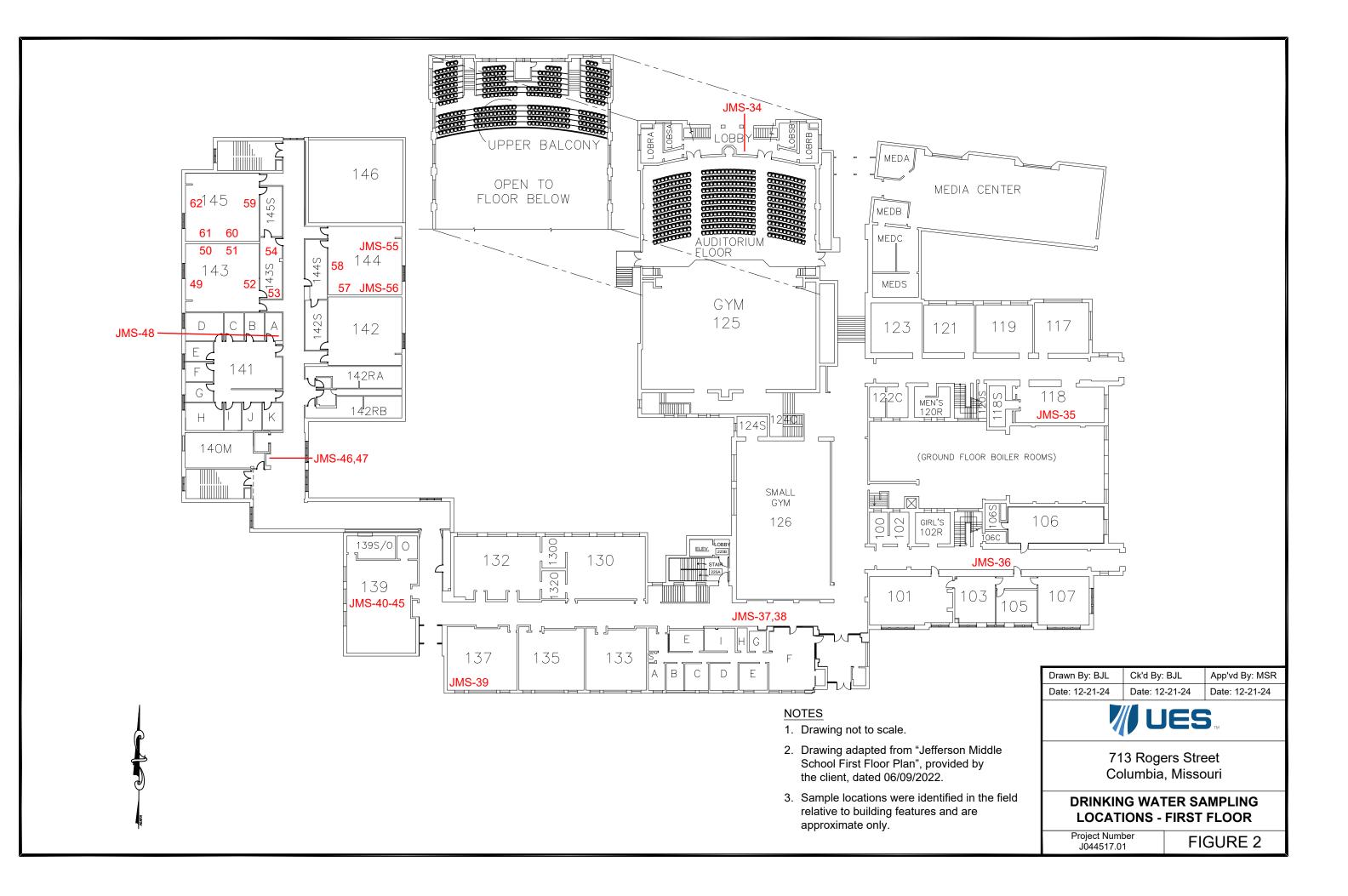
UES

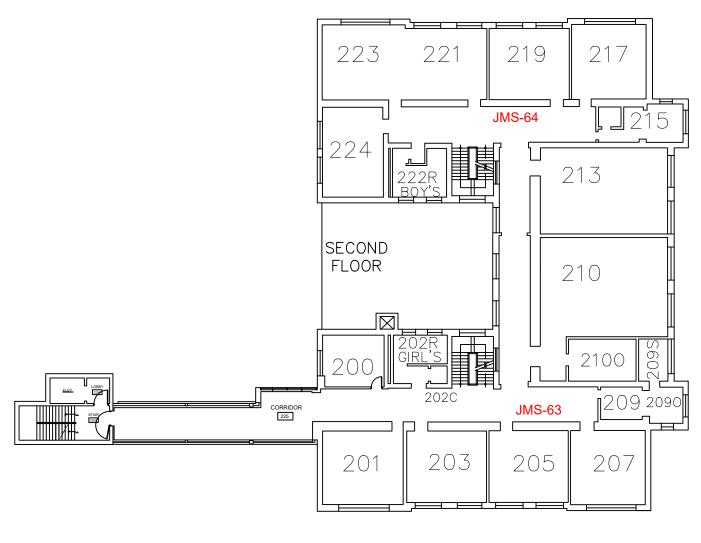
k 12 don

Bradley J. Lohrum Project Manager

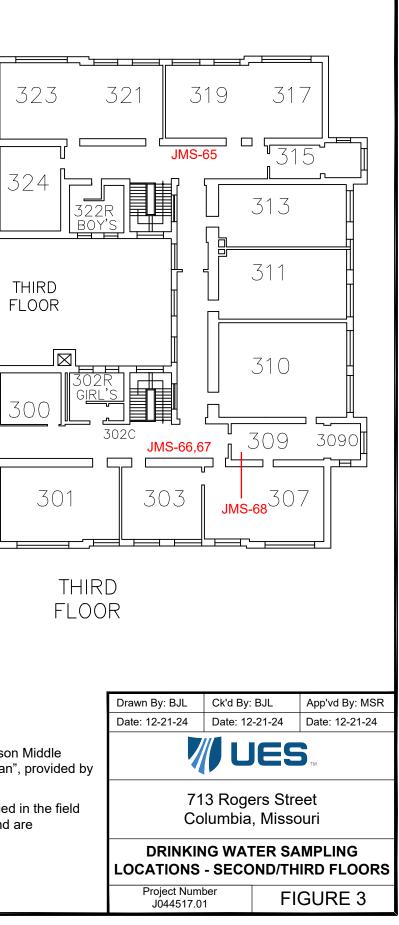
BJL/MSR:bjl/jsj

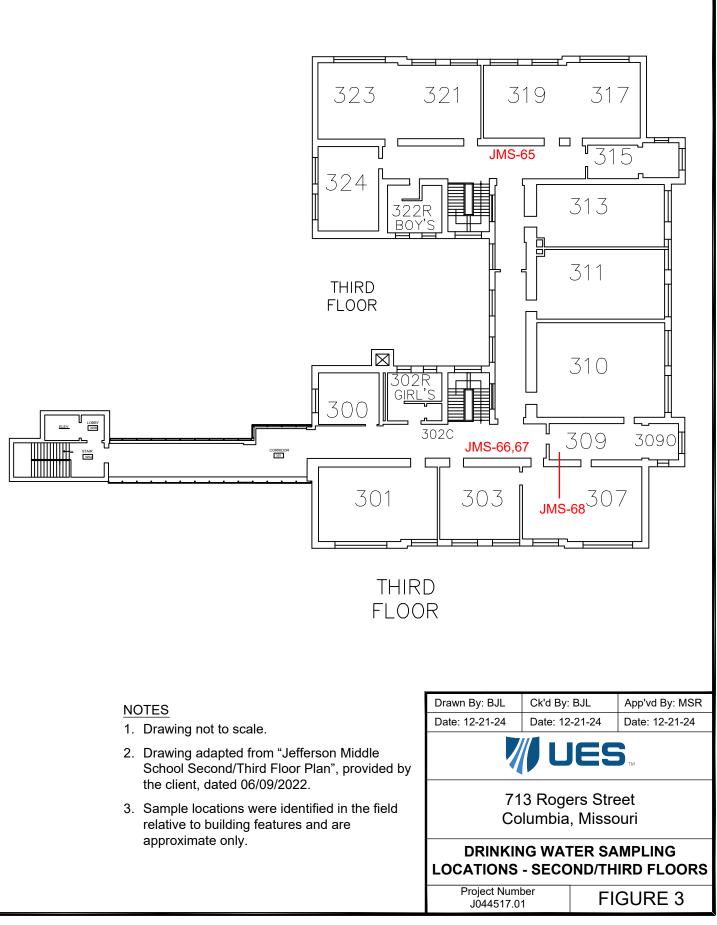














APPENDIX A

CERTIFICATES AND LICENSES OF ENVIRONMENTAL PROFESSIONALS

PUBLIC HEALTH & SOCIAL JUSTICE

SAINT LOUIS UNIVERSITY

CENTER FOR ENVIRONMENTAL EDUCATION AND TRAINING

verifies that

Bradley Lohrum

817 S Sappington Road, Crestwood, MO 63126

has attended

8 contact hours of training and successfully passed an examination

Lead Risk Assessor Refresher

St. Louis, MO

Certificate # CEET 325 - 12/12/2022 - 189152 Examination Date: 12/12/2022 CEUs: 0.8 Christopher C. King PhD

Director, Center for Environmental Education and Training

Certificate expiration is 3 years from examination date for Illinois Dept. of Public Health

Center for Environmental Education and Training, 3545 Lafayette, St. Louis, MO 63104 (314) 977-8256 shuedu/x39753.xml

This training course has been accredited by the Illinois Department of Public Health, and by the Missouri Department of Health & Senior Services.

LEAD OCCUPATION LICENSE REGISTRATION

Issued to:

Bradley J. Lohrum

The person, firm or corporation whose name appears on this certificate has fulfilled the requirements for licensure as set forth in the Missouri Revised Statutes 701.300-701.338, as long as not suspended or revoked, and is hereby authorized to engage in the activity listed below.

> Lead Risk Assessor Category of License

Issuance Date: Expiration Date: License Number: 1/20/2023 1/20/2025 230120-300006460

Daven I. Nichel

Paula F. Nickelson Acting Director Department of Health and Senior Services

Lead Licensing Program, PO Box 570, Jefferson City, MO 65102



SAINT LOUIS UNIVERSITY

CENTER FOR ENVIRONMENTAL EDUCATION AND TRAINING

verifies that

Robert Haefner

3951 Dover PI, St. Louis, MO 63116

has attended <u>8</u> contact hours of training and successfully passed examination for

Lead Risk Assessor Refresher

St. Louis, MO

118035

Certificate # CEET 325 3/6/2023 Bramination Date: 3/6/2023 CEUs: 0.8

Rene Dulle, MBA, Director Center for Environmental Education & Training Center for Environmental Education and Training | 3545 Lafayette Ave., St. Louis, MO 63104 (314) 977-8256 |slu.edu/public-health-social-justice/centers-institutes/ceet.php

> The training course has been accredited by the Missouri Dept, of Health and Senior. Services, and by the Illinois Dept. of Public Health. Certificate expiration is 3 years from examination date for Illinois Dept. of Public Health.

LEAD OCCUPATION LICENSE REGISTRATION

Issued to:

Robert J. Haefner

The person, firm or corporation whose name appears on this certificate has fulfilled the requirements for licensure as set forth in the Missouri Revised Statutes 701.300-701.338, as long as not suspended or revoked, and is hereby authorized to engage in the activity listed below.

> Lead Risk Assessor Category of License

Issuance Date: 3/28 Expiration Date: 3/30 License Number: 150

3/28/2023 3/30/2025 150330-300004672

1. r Javes

Paula F. Nickelson Acting Director Department of Health and Senior Services

Lead Licensing Program, PO Box 570, Jefferson City, MO 65102

PUBLIC HEALTH & SOCIAL JUSTICE

SAINT LOUIS UNIVERSITY

CENTER FOR ENVIRONMENTAL EDUCATION AND TRAINING

verifies that

Seth Lamble

12040 Chaparral Drive, Bridgeton, Missouri 63044

has attended

8 contact hours of training and successfully passed an examination

Lead Inspector Refresher

St. Louis, MO

Certificate # CEET 315 - 1/4/2022 - 118633 Examination Date: 1/4/2022 CEUs: 0.8

Kine Christopher C. King PhD

Director, Center for Environmental Education and Training

Certificate expiration is 3 years from examination date for Illinois Dept. of Public Health

Center for Environmental Education and Training, 3545 Lafayette, St. Louis, MO 63104 (314) 977-8256 slu.edu/x39753.xml

This training course has been accredited by the Illinois Department of Public Health, and by the Missouri Department of Health & Senior Services.

LEAD OCCUPATION LICENSE REGISTRATION

Issued to:

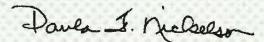
Seth P. Lamble

The person, firm or corporation whose name appears on this certificate has fulfilled the requirements for licensure as set forth in the Missouri Revised Statutes 701.300-701.338, as long as not suspended or revoked, and is hereby authorized to engage in the activity listed below.

> Lead Inspector Category of License

Issuance Date: Expiration Date: License Number:

4/25/2022 4/25/2024 160425-300004897



Paula F. Nickelson Acting Director Department of Health and Senior Services

Lead Licensing Program, PO Box 570, Jefferson City, MO 65102

Lead Abatement Contractor License

The person, firm or corporation whose name appears on this certificate is licensed as a Lead Abatement Contractor as set forth in the Missouri Revised Statutes 701.300-701.338 and 19 CSR 30-70.180, as long as not suspended or revoked, and is hereby authorized to engage in lead-bearing substance activities.

Issued to:

Geotechnology, LLC 11816 Lackland Road, Suite 150

St. Louis, MO 63146

Issuance Date: Expiration Date: License Number: 2/8/2022 2/8/2024 060208-0095



Donal A. Rauna

Donald G. Kauerauf Director Department of Health and Senior Services

Lead Licensing Program, PO Box 570, Jefferson City, MO 65102

Lead Abatement Contractor License

The person, firm or corporation whose name appears on this certificate is licensed as a Lead Abatement Contractor as set forth in the Missouri Revised Statutes 701.300-701.338 and 19 CSR 30-70.180, as long as not suspended or revoked, and is hereby authorized to engage in lead-bearing substance activities.

Issued to:

Geotechnology LLC (UES) 11816 Lackland Rd Suite 150

St. Louis, MO 63146

Issuance Date:2Expiration Date:2License Number:2

2/28/2024 2/28/2026 240229-4652

Daven I. Nichels

Paula F. Nickelson Director Department of Health and Senior Services

Lead Licensing Program, PO Box 570, Jefferson City, MO 65102



APPENDIX B

DRINKING WATER SAMPLING FORMS



Project Name: Columbia Public Schools Water Sampling and Reporting Services Building Name: Jefferson Middle School Project Number: J044517.01

Address: 713 Rogers Street Columbia, Missouri

| Sample ID | Fixture Type | Location | Flushed By - Date - Time | Sampled By - Date - Time |
|-----------|--------------|--------------------------------|--------------------------|--------------------------|
| JMS-01 | BF | Hallway at Room 39M | SPL - 1/10/24 - 21:21 | SPL - 1/11/24 - 6:35 |
| JMS-02 | S | Room 41 | SPL - 1/10/24 - 21:25 | RJH - 1/11/24 - 6:36 |
| JMS-03 | S | Room 41B | RJH - 1/10/24 - 21:25 | SPL - 1/11/24 - 6:37 |
| JMS-04 | S | Room 41C | RJH - 1/10/24 - 21:25 | RJH - 1/11/24 - 6:37 |
| JMS-05 | S | Room 42 | BJL - 3/5/24 - 20:12 | BJL - 3/6/24 - 4:12 |
| JMS-06 | S | Room 45 | SPL - 1/10/24 - 21:31 | SPL - 1/11/24 - 6:39 |
| JMS-07 | S | Room 43 - Purple | SPL - 1/10/24 - 21:33 | RJH - 1/11/24 - 6:40 |
| JMS-08 | S | Room 43 - Blue | SPL - 1/10/24 - 21:33 | RJH - 1/11/24 - 6:40 |
| JMS-09 | S | Room 43 - Green | SPL - 1/10/24 - 21:33 | RJH - 1/11/24 - 6:40 |
| JMS-10 | S | Room 43 - Yellow | SPL - 1/10/24 - 21:33 | SPL - 1/11/24 - 6:40 |
| JMS-11 | S | Room 43 - Orange | SPL - 1/10/24 - 21:33 | SPL - 1/11/24 - 6:40 |
| JMS-12 | S | Room 43 - Red | SPL - 1/10/24 - 21:33 | SPL - 1/11/24 - 6:40 |
| JMS-13 | BF | Hallway at Concessions - Left | RJH - 1/10/24 - 21:37 | RJH - 1/11/24 - 6:43 |
| JMS-14 | WF | Hallway at Concessions - Left | RJH - 1/10/24 - 21:37 | RJH - 1/11/24 - 6:43 |
| JMS-15 | BF | Hallway at Concessions - Right | SPL - 1/10/24 - 21:37 | SPL - 1/11/24 - 6:43 |
| JMS-16 | WF | Hallway at Concessions - Right | SPL - 1/10/24 - 21:37 | SPL - 1/11/24 - 6:43 |
| JMS-17 | BF | Boys Locker Room - Left | RJH - 1/10/24 - 21:42 | RJH - 1/11/24 - 6:45 |
| JMS-18 | WF | Boys Locker Room - Left | RJH - 1/10/24 - 21:42 | RJH - 1/11/24 - 6:45 |
| JMS-19 | BF | Boys Locker Room - Right | SPL - 1/10/24 - 21:42 | SPL - 1/11/24 - 6:45 |
| JMS-20 | WF | Boys Locker Room - Right | SPL - 1/10/24 - 21:42 | SPL - 1/11/24 - 6:45 |
| JMS-21 | BF | Girls Locker Room - Left | RJH - 1/10/24 - 21:43 | RJH - 1/11/24 - 6:46 |
| JMS-22 | WF | Girls Locker Room - Left | RJH - 1/10/24 - 21:43 | RJH - 1/11/24 - 6:46 |
| JMS-23 | BF | Girls Locker Room - Right | SPL - 1/10/24 - 21:43 | SPL - 1/11/24 - 6:46 |
| JMS-24 | WF | Girls Locker Room - Right | SPL - 1/10/24 - 21:43 | SPL - 1/11/24 - 6:46 |
| JMS-25 | ICE | Snack Area | RJH - 1/10/24 - 21:50 | BJL - 1/11/24 - 6:50 |

BF=Bottle Filling B=Bubbler

FW=Filtered Water ICE=Ice Machine S=Classroom/Other Sink WF=Water Fountain



Project Name: Columbia Public Schools Water Sampling and Reporting Services Building Name: Jefferson Middle School Project Number: J044517.01

Address: 713 Rogers Street Columbia, Missouri

| Sample ID | Fixture Type | Location | Flushed By - Date - Time | Sampled By - Date - Time |
|-----------|--------------|------------------------------|--------------------------|--------------------------|
| JMS-26 | S | Kitchen Food Prep | SPL - 1/10/24 - 21:53 | RJH - 1/11/24 - 6:50 |
| JMS-27 | S | Kitchen Dish Wash - Left | SPL - 1/10/24 - 21:53 | SPL - 1/11/24 - 6:50 |
| JMS-28 | S | Kitchen Dish Wash - Right | SPL - 1/10/24 - 21:53 | SPL - 1/11/24 - 6:50 |
| JMS-29 | BF | Hallway at Room 25C | RJH - 1/10/24 - 21:57 | RJH - 1/11/24 - 6:55 |
| JMS-30 | WF | Hallway at Room 25C | RJH - 1/10/24 - 21:57 | RJH - 1/11/24 - 6:55 |
| JMS-31 | WF | Room 26 - Right | SPL - 1/10/24 - 21:58 | SPL - 1/11/24 - 6:57 |
| JMS-32 | WF | Boys East Locker Room | SPL - 1/10/24 - 22:03 | SPL - 1/11/24 - 7:00 |
| JMS-33 | WF | Girls East Locker Room | SPL - 1/10/24 - 22:07 | RJH - 1/11/24 - 7:00 |
| JMS-34 | WF | Auditorium Lobby | RJH - 1/10/24 - 22:13 | RJH - 1/11/24 - 7:03 |
| JMS-35 | S | Room 118 | SPL - 1/10/24 - 22:18 | RJH - 1/11/24 - 7:06 |
| JMS-36 | WF | Hallway at Room 105 | RJH - 1/10/24 - 22:21 | RJH - 1/11/24 - 7:07 |
| JMS-37 | BF | Hallway at Main Office | RJH - 1/10/24 - 22:23 | RJH - 1/11/24 - 7:08 |
| JMS-38 | WF | Hallway at Main Office | RJH - 1/10/24 - 22:23 | RJH - 1/11/24 - 7:08 |
| JMS-39 | S | Room 137 | RJH - 1/10/24 - 22:28 | RJH - 1/11/24 - 7:10 |
| JMS-40 | S | Room 139 - Red | RJH - 1/10/24 - 22:32 | RJH - 1/11/24 - 7:12 |
| JMS-41 | S | Room 139 - Orange | RJH - 1/10/24 - 22:32 | RJH - 1/11/24 - 7:12 |
| JMS-42 | S | Room 139 - Yellow | RJH - 1/10/24 - 22:32 | RJH - 1/11/24 - 7:12 |
| JMS-43 | S | Room 139 - Green | SPL - 1/10/24 - 22:32 | SPL - 1/11/24 - 7:12 |
| JMS-44 | S | Room 139 - Blue | BJL - 3/5/24 - 20:16 | BJL - 3/6/24 - 4:16 |
| JMS-45 | S | Room 139 - Purple | SPL - 1/10/24 - 22:32 | SPL - 1/11/24 - 7:12 |
| JMS-46 | WF | Hallway at Room 140M - Left | SPL - 1/10/24 - 22:35 | RJH - 1/11/24 - 7:14 |
| JMS-47 | WF | Hallway at Room 140M - Right | SPL - 1/10/24 - 22:35 | SPL - 1/11/24 - 7:14 |
| JMS-48 | S | Room 141A | BJL - 3/5/24 - 20:18 | BJL - 3/6/24 - 4:18 |
| JMS-49 | S | Room 143 - Left | BJL - 3/5/24 - 20:20 | BJL - 3/6/24 - 4:20 |
| JMS-50 | S | Room 143 - Left Center | SPL - 1/10/24 - 22:41 | RJH - 1/11/24 - 7:16 |

BF=Bottle Filling B=Bubbler

FW=Filtered Water ICE=Ice Machine S=Classroom/Other Sink WF=Water Fountain



Project Name: Columbia Public Schools Water Sampling and Reporting Services Building Name: Jefferson Middle School Project Number: J044517.01

Address: 713 Rogers Street Columbia, Missouri

| Sample ID | Fixture Type | Location | Flushed By - Date - Time | Sampled By - Date - Time |
|-----------|--------------|-------------------------|--------------------------|--------------------------|
| JMS-51 | S | Room 143 - Right Center | SPL - 1/10/24 - 22:41 | SPL - 1/11/24 - 7:16 |
| JMS-52 | S | Room 143 - Right | SPL - 1/10/24 - 22:41 | SPL - 1/11/24 - 7:16 |
| JMS-53 | S | Room 144S - Left | SPL - 1/10/24 - 22:45 | RJH - 1/11/24 - 7:18 |
| JMS-54 | S | Room 144S - Right | SPL - 1/10/24 - 22:45 | SPL - 1/11/24 - 7:18 |
| JMS-55 | S | Room 144 - Left | SPL - 1/10/24 - 22:47 | RJH - 1/11/24 - 7:19 |
| JMS-56 | S | Room 144 - Left Center | SPL - 1/10/24 - 22:47 | RJH - 1/11/24 - 7:19 |
| JMS-57 | S | Room 144 - Right Center | SPL - 1/10/24 - 22:47 | SPL - 1/11/24 - 7:19 |
| JMS-58 | S | Room 144 - Right | SPL - 1/10/24 - 22:47 | SPL - 1/11/24 - 7:19 |
| JMS-59 | S | Room 145 - Left | SPL - 1/10/24 - 22:49 | RJH - 1/11/24 - 7:20 |
| JMS-60 | S | Room 145 - Left Center | SPL - 1/10/24 - 22:49 | RJH - 1/11/24 - 7:20 |
| JMS-61 | S | Room 145 - Right Center | SPL - 1/10/24 - 22:49 | SPL - 1/11/24 - 7:20 |
| JMS-62 | S | Room 145 - Right | SPL - 1/10/24 - 22:49 | SPL - 1/11/24 - 7:20 |
| JMS-63 | WF | Hallway at Room 205 | RJH - 1/10/24 - 22:54 | RJH - 1/11/24 - 7:23 |
| JMS-64 | WF | Hallway at Room 219 | SPL - 1/10/24 - 22:55 | SPL - 1/11/24 - 7:24 |
| JMS-65 | WF | Hallway at Room 319 | RJH - 1/10/24 - 23:00 | SPL - 1/11/24 - 7:25 |
| JMS-66 | BF | Hallway at Room 303 | SPL - 1/10/24 - 23:00 | RJH - 1/11/24 - 7:25 |
| JMS-67 | WF | Hallway at Room 303 | SPL - 1/10/24 - 23:00 | RJH - 1/11/24 - 7:25 |
| JMS-68 | S | Room 309 | SPL - 1/10/24 - 23:01 | BJL - 1/11/24 - 7:26 |
| JMS-11-2 | S | Room 43 - Orange | BJL - 6/25/24 - 23:07 | BJL - 6/26/24 - 7:07 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

BF=Bottle Filling B=Bubbler

FW=Filtered Water ICE=Ice Machine S=Classroom/Other Sink WF=Water Fountain



APPENDIX C

DRINKING WATER LABORATORY DATA SHEETS



http://www.teklabinc.com/

February 14, 2024

Brad Lohrum Geotechnology, Inc. 11816 Lackland Road St. Louis, MO 63146 TEL: (314) 997-7440 FAX: (314) 997-2067

RE: J044517.01



WorkOrder: 24011313

Dear Brad Lohrum:

TEKLAB, INC received 59 samples on 1/19/2024 10:12:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Shelly A Hennessy

Shelly A. Hennessy Project Manager (618)344-1004 ex 36 SHennessy@teklabinc.com



Report Contents

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24011313 Report Date: 14-Feb-24

This reporting package includes the following:

| Cover Letter | 1 |
|----------------------|----------|
| Report Contents | 2 |
| Definitions | 3 |
| Case Narrative | 5 |
| Accreditations | 6 |
| Laboratory Results | 7 |
| Receiving Check List | 9 |
| Chain of Custody | Appended |



Definitions

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24011313

Report Date: 14-Feb-24

Abbr Definition

- * Analytes on report marked with an asterisk are not NELAP accredited
- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
 - DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
- DNI Did not ignite
- DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- NC Data is not acceptable for compliance purposes
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
 - PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
 - RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
 - RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
 - SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
 - Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
 - TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
- TNTC Too numerous to count (> 200 CFU)



Definitions

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24011313

Report Date: 14-Feb-24

Qualifiers

- # Unknown hydrocarbon
- C RL shown is a Client Requested Quantitation Limit
- H Holding times exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
 - S Spike Recovery outside recovery limits
 - X Value exceeds Maximum Contaminant Level

- B Analyte detected in associated Method Blank
- E Value above quantitation range
- I Associated internal standard was outside method criteria
- M Manual Integration used to determine area response
- R RPD outside accepted recovery limits
- T TIC(Tentatively identified compound)



Case Narrative

http://www.teklabinc.com/

Work Order: 24011313 Report Date: 14-Feb-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Cooler Receipt Temp: N/A °C

| | | | Locations | | | | |
|--------------|-----------------------------|---------|----------------------------|-------------|-----------------------|--|--|
| Collinsville | | | Springfield | Kansas City | | | |
| Address | 5445 Horseshoe Lake Road | Address | 3920 Pintail Dr | Address | 8421 Nieman Road | | |
| | Collinsville, IL 62234-7425 | | Springfield, IL 62711-9415 | | Lenexa, KS 66214 | | |
| Phone | (618) 344-1004 | Phone | (217) 698-1004 | Phone | (913) 541-1998 | | |
| Fax | (618) 344-1005 | Fax | (217) 698-1005 | Fax | (913) 541-1998 | | |
| Email | jhriley@teklabinc.com | Email | KKlostermann@teklabinc.com | Email | jhriley@teklabinc.com | | |
| | Collinsville Air | | Chicago | | | | |
| Address | 5445 Horseshoe Lake Road | Address | 1319 Butterfield Rd. | | | | |
| | Collinsville, IL 62234-7425 | | Downers Grove, IL 60515 | | | | |
| Phone | (618) 344-1004 | Phone | (630) 324-6855 | | | | |
| Fax | (618) 344-1005 | Fax | | | | | |
| Email | EHurley@teklabinc.com | Email | arenner@teklabinc.com | | | | |



Accreditations

http://www.teklabinc.com/

Work Order: 24011313 Report Date: 14-Feb-24

Client: Geotechnology, Inc.

Client Project: J044517.01

| State | Dept | Cert # | NELAP | Exp Date | Lab |
|-----------|------|---------|-------|------------|--------------|
| Illinois | IEPA | 100226 | NELAP | 1/31/2025 | Collinsville |
| Kansas | KDHE | E-10374 | NELAP | 4/30/2024 | Collinsville |
| Louisiana | LDEQ | 05002 | NELAP | 6/30/2024 | Collinsville |
| Louisiana | LDEQ | 05003 | NELAP | 6/30/2024 | Collinsville |
| Oklahoma | ODEQ | 9978 | NELAP | 8/31/2024 | Collinsville |
| Arkansas | ADEQ | 88-0966 | | 3/14/2024 | Collinsville |
| Illinois | IDPH | 17584 | | 5/31/2025 | Collinsville |
| Iowa | IDNR | 430 | | 6/1/2024 | Collinsville |
| Kentucky | UST | 0073 | | 1/31/2025 | Collinsville |
| Missouri | MDNR | 00930 | | 10/31/2026 | Collinsville |
| Missouri | MDNR | 930 | | 1/31/2025 | Collinsville |
| | | | | | |



Laboratory Results

http://www.teklabinc.com/

Work Order: 24011313

Report Date: 14-Feb-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Matrix: DRINKING WATER

| Sample ID | Client Sample ID | Certification Qual | RL | Result | Units | DF | Date Analyzed | Date Collected |
|------------------------------|---------------------|---------------------|-----|---------------|-------|----|------------------|-----------------|
| EPA 600 4.1. Lead | 4, 200.8 R5.4, META | LS BY ICPMS (TOTAL) | | | | | | |
| 24011313-001 | A SMS-61 | NELAP | 1.0 | 26.0 | µg/L | 5 | 02/09/2024 9:48 | 01/11/2024 5:41 |
| 24011313-002 | A SMS-62 | NELAP | 1.0 | 40.8 | µg/L | 5 | 02/09/2024 9:53 | 01/11/2024 5:41 |
| 24011313-003 | A SMS-63 | NELAP | 1.0 | 19.6 | µg/L | 1 | 02/09/2024 10:01 | 01/11/2024 5:42 |
| 24011313-004 | A SMS-64 | NELAP | 1.0 | 26.3 | µg/L | 1 | 02/09/2024 12:21 | 01/11/2024 5:42 |
| 24011313-005 | A SMS-65 | NELAP | 1.0 | 27.2 | µg/L | 1 | 02/09/2024 12:26 | 01/11/2024 5:43 |
| 24011313-006 | A SMS-66 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 0:42 | 01/11/2024 5:46 |
| 24011313-007 | A SMS-67 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 0:46 | 01/11/2024 5:46 |
| 24011313-008 | A SMS-68 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 0:49 | 01/11/2024 5:47 |
| 24011313-009 | A SMS-69 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 0:53 | 01/11/2024 5:47 |
| 24011313-010 | A SMS-70 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 0:57 | 01/11/2024 5:49 |
| 24011313-011 | A SMS-71 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 1:00 | 01/11/2024 5:50 |
| 24011313-012 | A SMS-72 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 1:04 | 01/11/2024 5:50 |
| 24011313-013 | A SMS-73 | NELAP | 1.0 | 2.2 | µg/L | 1 | 02/06/2024 1:15 | 01/11/2024 5:52 |
| 24011313-014 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/09/2024 12:30 | 01/11/2024 5:53 |
| 24011313-015 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/09/2024 12:13 | 01/11/2024 5:53 |
| 24011313-016 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 19:22 | 01/11/2024 5:54 |
| 24011313-017 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 19:27 | 01/11/2024 5:54 |
| 24011313-018 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/09/2024 12:34 | 01/11/2024 5:54 |
| 24011313-019 | | NELAP | 1.0 | 6.8 | µg/L | 1 | 02/06/2024 19:31 | 01/11/2024 5:54 |
| 24011313-020 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 19:35 | 01/11/2024 5:55 |
| 24011313-021 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 19:40 | 01/11/2024 5:55 |
| 24011313-022 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 14:47 | 01/11/2024 5:55 |
| 24011313-023 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 19:44 | 01/11/2024 5:55 |
| 24011313-024 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 19:48 | 01/11/2024 6:00 |
| 24011313-025 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 18:45 | 01/11/2024 6:00 |
| 24011313-026 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 18:48 | 01/11/2024 6:00 |
| 24011313-027 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 18:52 | 01/11/2024 6:00 |
| 24011313-028 | | NELAP | 1.0 | 21.2 | µg/L | 1 | 02/02/2024 18:56 | 01/11/2024 6:01 |
| 24011313-029 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 18:59 | 01/11/2024 6:01 |
| 24011313-030 | | NELAP | 1.0 | 25.8 | µg/L | 1 | 02/06/2024 19:53 | 01/11/2024 6:02 |
| 24011313-030 24011313-031 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 19:14 | 01/11/2024 6:02 |
| 24011313-031 24011313-032 | | NELAP | 1.0 | 36.3 | | 1 | 02/02/2024 19:14 | 01/11/2024 6:03 |
| 24011313-032 24011313-033 | | NELAP | 1.0 | | µg/L | 1 | 02/02/2024 19:32 | 01/11/2024 6:03 |
| 24011313-033 24011313-034 | | NELAP | 1.0 | < 1.0 16.4 | µg/L | 1 | 02/06/2024 20:19 | 01/11/2024 6:04 |
| 24011313-034 24011313-035 | | NELAP | 1.0 | 38.5 | µg/L | 1 | 02/02/2024 19:40 | 01/11/2024 6:04 |
| 24011313-030 24011313-036 | | | | | µg/L | | 02/02/2024 19:43 | 01/11/2024 6:05 |
| 24011313-030 24011313-037 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/06/2024 20:23 | |
| | | NELAP | 1.0 | 31.4 | µg/L | 1 | | 01/11/2024 6:05 |
| 24011313-038 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 19:58 | 01/11/2024 6:06 |
| 24011313-039 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 20:02 | 01/11/2024 6:08 |
| 24011313-040 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/12/2024 8:09 | 01/11/2024 6:08 |
| 24011313-041 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 20:20 | 01/11/2024 6:08 |
| 24011313-042 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 14:43 | 01/11/2024 6:08 |
| 24011313-043 | | NELAP | 1.0 | 20.0 | µg/L | 1 | 02/02/2024 15:20 | 01/11/2024 6:09 |
| 24011313-044 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 15:16 | 01/11/2024 6:09 |
| 24011313-045 | | NELAP | 1.0 | 22.2 | µg/L | 1 | 02/02/2024 15:12 | 01/11/2024 6:10 |
| 24011313-046 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 14:06 | 01/11/2024 6:10 |
| 24011313-047 | | NELAP | 1.0 | < 1.0 | µg/L | 5 | 02/13/2024 13:57 | 01/11/2024 6:11 |
| 24011313-048 | A SMS-108 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 14:02 | 01/11/2024 6:11 |





Laboratory Results

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Matrix: DRINKING WATER

| Sample ID | Client Sample ID | Certification Qual | RL | Result | Result Units DF Date Analyzed | | Date Collected | | | | | | | | |
|-----------------------|------------------|--------------------|-----|--------|-------------------------------|---|------------------|-----------------|--|--|--|--|--|--|--|
| EPA 600 4.1.4 Lead | | | | | | | | | | | | | | | |
| 24011313-049 | A SMS-109 | NELAP | 1.0 | 4.8 | µg/L | 5 | 02/13/2024 13:27 | 01/11/2024 6:12 | | | | | | | |
| 24011313-050/ | A SMS-110 | NELAP | 1.0 | 171 | µg/L | 5 | 02/13/2024 13:44 | 01/11/2024 6:12 | | | | | | | |
| 24011313-051/ | A SMS-111 | NELAP | 1.0 | 20.5 | µg/L | 1 | 02/02/2024 13:58 | 01/11/2024 6:13 | | | | | | | |
| 24011313-052/ | A SMS-112 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 13:53 | 01/11/2024 6:13 | | | | | | | |
| 24011313-053/ | A SMS-113 | NELAP | 1.0 | 33.4 | µg/L | 5 | 02/13/2024 13:49 | 01/11/2024 6:14 | | | | | | | |
| 24011313-054/ | A SMS-114 | NELAP | 1.0 | 3.9 | µg/L | 5 | 02/13/2024 13:53 | 01/11/2024 6:14 | | | | | | | |
| 24011313-0554 | A SMS-115 | NELAP | 1.0 | 33.7 | µg/L | 1 | 02/02/2024 14:26 | 01/11/2024 6:14 | | | | | | | |
| 24011313-0564 | A JMS-01 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 14:22 | 01/11/2024 6:35 | | | | | | | |
| 24011313-057 | A JMS-02 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/12/2024 8:39 | 01/11/2024 6:36 | | | | | | | |
| 24011313-058 | A JMS-03 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 13:16 | 01/11/2024 6:37 | | | | | | | |
| 24011313-059/ | A JMS-04 | NELAP | 1.0 | 1.0 | µg/L | 1 | 02/02/2024 13:12 | 01/11/2024 6:37 | | | | | | | |

Work Order: 24011313

Report Date: 14-Feb-24



Receiving Check List

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24011313 Report Date: 14-Feb-24

| Carrier: Employee Completed by: On: 19-Jan-24 Amber Dilallo | 19-Jan-24 | Elled Hopke Ellie Hopkins | нS |
|---|--|---------------------------------------|------------------------|
| Pages to follow: Chain of custody 6 Shipping container/cooler in good condition? Type of thermal preservation? Chain of custody present? Chain of custody signed when relinquished and received? Chain of custody agrees with sample labels? Samples in proper container/bottle? Sample containers intact? Sufficient sample volume for indicated test? All samples received within holding time? | Extra pages included 0 Yes No None Ice Yes No Yes No | Not Present Blue Ice | Temp °C N/A Dry Ice |
| Reported field parameters measured: Container/Temp Blank temperature in compliance? When thermal preservation is required, samples are complian 0.1°C - 6.0°C, or when samples are received on ice the same | Field Lab Yes No t with a temperature between day as collected. | | |
| Water – at least one vial per sample has zero headspace? Water - TOX containers have zero headspace? | Yes No No No | No VOA vials ✔ No TOX containers ✔ | |
| Water - pH acceptable upon receipt? | Yes ✓ No □ | NA 🗌 | |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes 🗌 No 🗌 | NA 🗹 | |
| Any No responses m | ust be detailed below or on the | e COC. | |

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 1/19/2024 10:57:21 AM

Did not receive JMS-05 MEK 1/19/24

CHAIN OF CUSTODY pg. 7 of 74 Work order # 24011313

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: Address: | Address: 11816 Lackland Road City / State / Zip St. Louis, MO 63146 | | | | | | ······ | Рге | serv | ed i | ` | ICE 🕅 BLUE I LAB 📓 FIELD | CE X NO | • | /NA ° LAB USE | | ¥# |
|---------------------------------------|--|-----------------------------------|---------------------------------|---------------|--------|--------|----------|---|------|---------------|-------------|-----------------------------|---------|-------|------------------|----------|------|
| Contact: E-Mail: | Brad Lohrum blohrum@teamues.com | Ph | _ Phone: (314) 997-7440 Fax: | | | | | Lab Notes ' Did not receive JMS-05 MEK 1/19/24 Client Comments: | | | | | | | | | |
| Are these sample Are there any req | s known to be involved in lit s known to be hazardous? uired reporting limits to be r tent section. | Yes XNo met on the requested a | | | Yes | | No | Unc. | | | | | | | | | |
| Project | Name/Number | Sample | Collecto | r's Na | ame | | Т | | MAT | RIX | | | NDICATE | ANALY | SIS REQU | IESTED | |
| 104 | 4517.01 | Bred | Lohn | \mathcal{M} | Λ. | | V V | ≩₫ | | s | 6 | DW - | | | | | |
| Result | s Requested 1-2 Day (100% Surcharge) 3 Day (50% Surcharge) | Billing Instruction | ns ^{# an} | d Type | of Col | | rs Oj | Drinking Water | Soil | Special Waste | Groundwater | Lead | | | | | |
| Cother | | Date/Time Samp | UNPRES ed | NaOH | | NaHSO4 | OTHER | Vater | | aste | ater | E200.8 | | | | | |
| 2412,2001 | CUS -61 | 1/11/24 5:1 | 111 | | | | Ţ | / | | | | | | | | | |
| 404013 | CMG - 62 | 1 + | - | | | | Ś | 2 | | | | X | | | | | |
| 02 | 1 63 | 5:2 | (Z. | | | | X | | | | | | | | | | |
| mu | 64 | 4 | - | | | | k | 7 | | | | \mathbf{X} | | | | | |
| 005 | 65 | 57 | 13 | | | | Ń | | | | | χ | | | | | |
| 100 | 6,6 | 57 | 46 | | | | X | 2 | | | | X | | | | | |
| (60) | 61 | + | - | | | | | X | | | | X | | | | | |
| n î no | 68 | 5. | 41 | | | | <u> </u> | 2 | | | | X | | | | | |
| 009 | 69 | + | | | | | Ś | | | | | <u>Z</u> | | | | | |
| 00 | 1 -70 | 1 5 | 911 | | | | × | $\overline{\langle}$ | | | | <u> </u> | | | | | |
| | Relinquished By | - 1 | | te/Tim | e | | | <u>`</u> | n | ^ | Re | ceived By | | | 18/2 | ate/Time | · |
| | | - 111 | | | | | | | 11- | 11 | 114 | | | | 1195120 | 1 | |
| Find | MAN | | 5/24 | , | 10:0 | 2 | | | 100 | 1 | 7 | 14. Ke | 0 | 1 | 19/24 | · · · · |) 12 |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechnology, L | LC | | | | | | Ï | Sa | amp | les | on: | | ICE | BLUE ICE 💹 NO | ICE | | °C | LTG# | | |
|-------------------|---|------------------|--------------|----------------|---------|--------|--------|-----------------------------|----------------|--------|--|---------------|-------------|--------------------|---------------|-------------|-------|---------|----------|-------------------------|----------|
| Address: | | | | | | | | Preserved in: 🖾 LAB 🕅 FIELD | | | | - | LAB USI | - | | | | | | | |
| City / State | | | | | | | — | Lab Notes | | | | | | | ALCONTA | | | | | | |
| Contact: | Brad Lohrum | | Phone | . (| 314) 9 | 97-744 | 40 | | | | 0.0 | 5 | | | | | | | | | a waa |
| E-Mail: | blohrum@teamues.com | | Fax: | | | | | | <u>A</u> IL | ent (| ~ | | | | <u> </u> | 2 2 | | | | | j |
| Are these sample | s known to be involved in li | tigation? If yes | | will ann | by [| Yes | X | No | UIR | ent | COL | r a r a a | ene | 5. | | | | | | | |
| Are these sample | s known to be hazardous? | 🗌 Yes 🕺 | No | | | | | 110 | | | | | | | | | | | | | |
| Are there any req | uired reporting límits to be i nent section. 🏾 Yes 🄰 | met on the requ | ested analys | is?. If ye | s, plea | ase pr | ovide | | | | | | | | | | | | | | |
| | Name/Number | | ample Col | laatar | la Ma | | | l | | 3.4 A | | v | | | | * ALIAL 1/2 | | IFOTE | | | |
| - | * | | i | | | me | | , | 7 | MA | | X T | 1 | | | : ANAL 18 | | | <u> </u> | | |
| | 14517.01 | Br | | 1/1/ | | | | | | | | gs | ရှ | DW | | | | | | | |
| Standard | S Requested] 1-2 Day (100% Surcharge) | Billing Ins | tructions | | Туре | of Co | ntaine | rs | 212 | - S | n _{IS} | ecia | oun | - Lead | | | | | | | |
| Cother | 3 Day (50% Surcharge) | | | HNO3 UNPRES | NaOH | HCL | Me | OTHER | | Soil | Sludge | Special Waste | Groundwater | ad E | | | | | | | |
| Lab Use Only | Sample Identification | Date/Tim | e Sampled | RES | 욱 Ş | 5 P | NaHSO4 | ΞĘ ő | Drinking Water | | | aste | ater | E200.8 | | | | | | | |
| 2001/33 | CUC 71 | | - | | | | | | 7 | | - | | | œ | | | | | | | |
| | 3M5-11 | 1/11/24 | 5:50 | | | | | -X | <u></u> | | | | | | | | | | | | |
| <u> </u> | SMS-72 | | 4 | | | | | - Ķ | <u></u> | | | | | X | | | | | | | _ |
| 013 | 73 | | 5:52 | | | | | X | | _ | | | | X | | | | | | | |
| 014 | 74 | | 5:53 | | | | | X | | | And the second s | | | X | | | | | | | |
| 015 | 75 | | + | | | | | X | | | | | | \times | | | | | | | |
| 016 | 76 | | 5:54 | | | | | X | | | | | | X | | | | | | | |
| 60 | 71 | | | | | | | X | | | | | | X | | | | | | Nobel and a sector rate | |
| NE | -78 | | | | | | | X | | | munnead | | | X | | | | | | | |
| 019 | 79 | | | | | | | - X | | | | ***** | | X | | | | | | - | - |
| (NU) | - 80 | | 5-55 | | | | | - (| 7 | | | | | $\hat{\mathbf{X}}$ | | | | | | | |
| 1 | Relinquished By | | | Date | /Time | 2 | | | | | | | Re | ceive | d Bv | 1 | D | ate/Tim | e | | <u> </u> |
| Break | WARACC | \sim | 1/15/ | 74 | | | | | | T | 2 | 0 / | ila | 1_ | | | 118/2 | | | A | |
| RA | (An) | | 1/19/ | 24 | | DĿ | sl) | | | | 0 | | 70 | l | Keel | | 5/2 | 116 | 17.4 | ļ. | |
| 1 | y- | | | <u> </u> | | - 10 | | | | | | | | w | - nen | | 110 | 1/7/ | | | |
| | | | | | | | | + | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

pg. 8 of 74 Work order # 24011313



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: Geotechnology Address: 11816 Lackland City / State / Zip St. Louis, MO Contact: Brad Lohrum E-Mail: blohrum@teamues.com Are these samples known to be involved in Are there any required reporting limits to b Imits in the comment section. Yes | I Road S3146 Phone: Fax: Ittigation? If yes, a surcharge will ? Yes No e met on the requested analysis? | , | Samples on: ICE BLUE ICE NO ICE OC LTG# Preserved in: IAB FIELD FOR LAB USE ONLY Lab Notes Client Comments: | | | | | |
|---|--|------------|---|------------------|-------------------------------|--|--|--|
| Project Name/Number | Sample Collec | . F | MATRIX | | | | | |
| JOY4517.01 Results Requested Standard □ 1-2 Day (100% Surcharge) □ Other □ 3 Day (50% Surcharge) | Billing Instructions | | Groundwater Special Waste Sludge Soil Drinking Water | DW - Lead E200.8 | | | | |
| Lab Use Only Sample Identificatio | n Date/Time Sampled | | ter er |)0.8 | | | | |
| 24013871 SMS - 81 022 SMS - 82 023 83 024 94 025 85 626 96 029 89 029 89 020 80 020 80 000 80 00000000 | $\frac{1}{1/24} 5:55$ $\frac{1}{1/24} $ | | Roll | ceived By | $\frac{Date/Time}{1/(4/2.4)}$ | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

pg. 9 of 74 Work order # 24011313



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Project Name/Number Sample Collector's Name MATRIX INDICATE ANALYSIS REQUESTED J044517.01 T2 yrad OW/WM T <th>Contact: E-Mail: Are these samples Are these samples Are there any requiring in the comm</th> <th>s known to be hazardous? uired reporting limits to be r ent section. Yes</th> <th>Idead Idea Idea Idea Idea Idea Idea Idea</th> <th>will apply 🗌 Yes 📈 No</th> <th colspan="6">Samples on: ICE BLUE ICE NO ICE °C LTG# Preserved in: LAB FIELD FOR LAB USE ONLY Lab Notes Client Comments:</th> | Contact: E-Mail: Are these samples Are these samples Are there any requiring in the comm | s known to be hazardous? uired reporting limits to be r ent section. Yes | Idead Idea Idea Idea Idea Idea Idea Idea | will apply 🗌 Yes 📈 No | Samples on: ICE BLUE ICE NO ICE °C LTG# Preserved in: LAB FIELD FOR LAB USE ONLY Lab Notes Client Comments: | | | | | |
|--|--|--|--|--------------------------|--|------|-------------------|--|--|--|
| Results Requested (Standard 1-2.2.by (100% Surcharge) Billing instructions # and Type of Containers (Standard 1-2.2.by (100% Surcharge)) Billing instructions # and Type of Containers (Standard 1-2.2.by (100% Surcharge)) Difference of the surcharge of the surch | I . | . [| 1 | / ί | | | VALYSIS REQUESTED | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | Results | s Requested 1-2 Day (100% Surcharge) | ······ | # and Type of Containers | - Lead round <u>ecial V</u> Slud Slud nking | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | Lab Use Only | Sample Identification | Date/Time Sampled | | iter | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 24011313 | 5145-91 | 1/11/24 6:02 | | \times | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 632 | SMS-92 | 6:03 | | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 93 | T | | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 1 | 94 | 6:04 | | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 035 | 95 | The the test of test o | | X X | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | 96 | 6:05 | | X X | | | | | |
| O39 99 6:08 O39 99 6:08 Relinquished By Date/Time Received By Date/Time Received By Date/Time Provint 1/18/24 Provint 1/18/24 | | | F | | | | | | | |
| Relinquished By Date/Time Received By Date/Time Rescue By 1/18/24 Received By 1/18/24 | | | | | | | | | | |
| Relinquished By Date/Time Received By Date/Time Terson International State 1/18/24 Terson International State 1/18/24 | | 100 | 6.08 | | | | | | | |
| Percent 1/18/24 Rappa 1/18/24 | 040 1 | Relinguished By | | Date/Time | Received | d By | Date/Time | | | |
| 12-11/24 1000 Will Red 1/19/24 1012 | Persola | Am | - 1/18/ | | Rila | | 1/18/24 | | | |
| | 121 | Will | 1113 | 124 1000 | mich 1 | Reed | 1/19/24 1012 | | | |
| | 0 | K | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

pg. [0 of 74 Work order # 24011313



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Contact: | Geotechnology, L 11816 Lackland F Zip St. Louis, MO 63 Brad Lohrum | Road | e: (314) 997-7440 | Samples on: 📓 ICE Preserved in: 📓 LAI Lab Notes | E 📓 BLUE ICE 📓 NO IC B 📓 FIELD | E °C LTG# FOR LAB USE ONLY |
|---|---|-----------------------------|--|---|---------------------------------------|-------------------------------|
| Are these samples Are these samples Are there any requi | known to be hazardous? | net on the requested analys | | Client Comments: | | |
| 1 | lame/Number | - i r | llector's Name | MATRIX | · · · · · · · · · · · · · · · · · · · | NALYSIS REQUESTED |
| J0445 | | Brad L | ahrum | | | |
| | Requested 1-2 Day (100% Surcharge) | Billing Instructions | | - Lead round ecial \ Slud Soi Soi nking | | |
| Cother | 3 Day (50% Surcharge) | Date/Time Sampled | OTHER NaHSO4 MeOH HCL H2SO4 H2SO4 HN03 UNPRES | E200.8 Waste Vaste Je Water Water | | |
| 2401813 | | Hulad L. G. | | | | |
| - OYI | SMS [0] | 1/11/24 6.00 | | \bigcirc | | |
| | <u>SMS-102</u> 103 | 1 - 10 | | | | |
| 046 | 102 | 1 0.01 F | | | | |
| 045 | | 1.510 | | | | |
| | 103 | 0.0 | | | | |
| 046 | 101 | b.il | | $\tilde{\chi}$ | | |
| - 042 | | <u> </u> | | $\frac{1}{2}$ | | |
| DYO | 109 | 1.17 | | | | |
| 044 | | | | | | |
| | Relipquished By | | Date/Time | Receiv | ed By | Date/Time |
| Buch Our | din | 1/18/2 | ж | RNK | | 1/18/24 |
| 74 | 0 16g | 1/12/- | 24 10:00 | | hich Aced | 1/12/24 1012 |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

pg. [] of 74 Work order # 2401313



CHAIN OF CUSTODY pg. |2 of 74 Work order # <math>2401313

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| | Geotechnology, I | 10 | | Samples on: III IC | E 📓 BLUE ICE 📓 NO IC | E [°] C LTG# | | | | | |
|---------------------------------------|---|--------------------------------|---|---|----------------------|--|--|--|--|--|--|
| Client: Address: | 11816 Lackland I | | | Preserved in: AB FIELD FOR LAB USE ONLY | | | | | | | |
| Address: | / Zip St. Louis, MO 63 | | | | | | | | | | |
| Contact: | Brad Lohrum | Phone | (314) 997-7440 | Lab Notes | | | | | | | |
| E-Mail: | blohrum@teamues.com | Filon | | | | | | | | | |
| | | | | Client Comments: | | | | | | | |
| | s known to be involved in I s known to be hazardous? | itigation? If yes, a surcharge | will apply 🗌 Yes 🔀 No | | | | | | | | |
| Are there any requ | uired reporting limits to be | met on the requested analys | is?. If yes, please provide | | | | | | | | |
| limits in the comm | ent section. Yes | K No | | | | | | | | | |
| Project | Name/Number | Sample Co | llector's Name | MATRIX | INDICATE A | NALYSIS REQUESTED | | | | | |
| 1044 | 517.01 | Bradle | throw | | | | | | | | |
| Result | s Requested | Billing Instructions | | | | | | | | | |
| r | 1-2 Day (100% Surcharge) | - | | oundwa ecial Wa Sludge Soil Soil Nking W | | | | | | | |
| Other | 3 Day (50% Surcharge) | | OTHER NaHSO4 MeOH HCL H2SO4 HNO3 UNPRES | Vast Wat | | | | | | | |
| Lab Use Only | Sample Identification | Date/Time Sampled | | | | | | | | | |
| 24011383 | 5145-111 | 1/11/24 6:13 | | X | | | | | | | |
| 052 | SM5-112 | 1 4 | | X | | | | | | | |
| 653 | 1 113 | 6:14 | | X X | | | | | | | |
| 054 | 14 | | | X | | | | | | | |
| 035 | + 115 | | | XXXX | | | | | | | |
| CST0 | JMS - 01 | 6:35 | | XXXXX | | | | | | | |
| (757) | 1M5-02 | 6:36 | | XIIII | X I I I I | | | | | | |
| ODF | 03 | 6:37 | | X | | | | | | | |
| 059 | 04 | | | \mathbf{X} | | | | | | | |
| 0(00 | 1 05 | 1 6:38 | | | | | | | | | |
| | Relinguished By | | Date/Time | Rece | ived By | Date/Time | | | | | |
| - Frank UN | An- | 1/18/2 | 24 | Rall | | 1/10/24 | | | | | |
| A A A A A A A A A A A A A A A A A A A | 2-All- | | 124 10:00 | N | ich Reed | 1/19/24 1012 | | | | | |
| | | | | <u>_</u> | | terre in the internet of the terre in the internet of the terre in terre in the terre in terre in the terre in t | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | <u>.</u> . | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481





http://www.teklabinc.com/

February 12, 2024

Brad Lohrum Geotechnology, Inc. 11816 Lackland Road St. Louis, MO 63146 TEL: (314) 997-7440 FAX: (314) 997-2067

RE: J044517.01



WorkOrder: 24011311

Dear Brad Lohrum:

TEKLAB, INC received 61 samples on 1/19/2024 10:00:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Patrick Riley Project Manager (618)344-1004 ex 44 patrickriley@teklabinc.com



Report Contents

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24011311 Report Date: 12-Feb-24

This reporting package includes the following:

| 1 |
|----------|
| 2 |
| 3 |
| 5 |
| 6 |
| 7 |
| 9 |
| Appended |
| |



Definitions

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24011311

Report Date: 12-Feb-24

Abbr Definition

- * Analytes on report marked with an asterisk are not NELAP accredited
- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
- DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
- DNI Did not ignite
- DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- NC Data is not acceptable for compliance purposes
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
 - PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
 - RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
 - RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
 - SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
 - Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
 - TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
- TNTC Too numerous to count (> 200 CFU)



Definitions

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24011311 Report Date: 12-Feb-24

Qualifiers

- # Unknown hydrocarbon
- C RL shown is a Client Requested Quantitation Limit
- H Holding times exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
 - S Spike Recovery outside recovery limits
 - X Value exceeds Maximum Contaminant Level

- B Analyte detected in associated Method Blank
- E Value above quantitation range
- I Associated internal standard was outside method criteria
- M Manual Integration used to determine area response
- R RPD outside accepted recovery limits
- T TIC(Tentatively identified compound)



Case Narrative

http://www.teklabinc.com/

Work Order: 24011311 Report Date: 12-Feb-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Cooler Receipt Temp: NA °C

| | | | Locations | | |
|---------|-----------------------------|---------|----------------------------|---------|-----------------------|
| | Collinsville | | Springfield | | Kansas City |
| Address | 5445 Horseshoe Lake Road | Address | 3920 Pintail Dr | Address | 8421 Nieman Road |
| | Collinsville, IL 62234-7425 | | Springfield, IL 62711-9415 | | Lenexa, KS 66214 |
| Phone | (618) 344-1004 | Phone | (217) 698-1004 | Phone | (913) 541-1998 |
| Fax | (618) 344-1005 | Fax | (217) 698-1005 | Fax | (913) 541-1998 |
| Email | jhriley@teklabinc.com | Email | KKlostermann@teklabinc.com | Email | jhriley@teklabinc.com |
| | Collinsville Air | | Chicago | | |
| Address | 5445 Horseshoe Lake Road | Address | 1319 Butterfield Rd. | | |
| | Collinsville, IL 62234-7425 | | Downers Grove, IL 60515 | | |
| Phone | (618) 344-1004 | Phone | (630) 324-6855 | | |
| Fax | (618) 344-1005 | Fax | | | |
| Email | EHurley@teklabinc.com | Email | arenner@teklabinc.com | | |



Accreditations

Client: Geotechnology, Inc.

Client Project: J044517.01

http://www.teklabinc.com/

Work Order: 24011311 Report Date: 12-Feb-24

| State | Dept | Cert # | NELAP | Exp Date | Lab |
|-----------|------|---------|-------|------------|--------------|
| Illinois | IEPA | 100226 | NELAP | 1/31/2025 | Collinsville |
| Kansas | KDHE | E-10374 | NELAP | 4/30/2024 | Collinsville |
| Louisiana | LDEQ | 05002 | NELAP | 6/30/2024 | Collinsville |
| Louisiana | LDEQ | 05003 | NELAP | 6/30/2024 | Collinsville |
| Oklahoma | ODEQ | 9978 | NELAP | 8/31/2024 | Collinsville |
| Arkansas | ADEQ | 88-0966 | | 3/14/2024 | Collinsville |
| Illinois | IDPH | 17584 | | 5/31/2025 | Collinsville |
| Iowa | IDNR | 430 | | 6/1/2024 | Collinsville |
| Kentucky | UST | 0073 | | 1/31/2025 | Collinsville |
| Missouri | MDNR | 00930 | | 10/31/2026 | Collinsville |
| Missouri | MDNR | 930 | | 1/31/2025 | Collinsville |
| | | | | | |



Laboratory Results

http://www.teklabinc.com/

Work Order: 24011311

Report Date: 12-Feb-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Matrix: DRINKING WATER

| Sample ID | Client Sample ID | Certification Qual | RL | Result | Units | DF | Date Analyzed | Date Collected |
|---------------|--------------------|---------------------|-----|--------|-------|----|------------------|-----------------|
| EPA 600 4.1.4 | , 200.8 R5.4, META | LS BY ICPMS (TOTAL) | | | | | | |
| Lead | | · · · · | | | | | | |
| 24011311-001 | A JMS-06 | NELAP | 1.0 | 1.6 | µg/L | 1 | 02/08/2024 14:11 | 01/11/2024 6:39 |
| 24011311-002 | A JMS-07 | NELAP | 1.0 | < 1.0 | μg/L | 1 | 02/08/2024 14:15 | 01/11/2024 6:40 |
| 24011311-003 | A JMS-08 | NELAP | 1.0 | 2.7 | μg/L | 1 | 02/08/2024 14:20 | 01/11/2024 6:40 |
| 24011311-004 | A JMS-09 | NELAP | 1.0 | 4.3 | μg/L | 1 | 02/08/2024 14:24 | 01/11/2024 6:40 |
| 24011311-005 | A JMS-10 | NELAP | 1.0 | 3.3 | μg/L | 5 | 02/06/2024 13:58 | 01/11/2024 6:40 |
| 24011311-006 | A JMS-11 | NELAP | 1.0 | 5.6 | μg/L | 5 | 02/06/2024 14:03 | 01/11/2024 6:40 |
| 24011311-007 | A JMS-12 | NELAP | 1.0 | 1.8 | μg/L | 1 | 02/08/2024 14:28 | 01/11/2024 6:40 |
| 24011311-008 | A JMS-13 | NELAP | 1.0 | < 1.0 | μg/L | 1 | 02/08/2024 14:33 | 01/11/2024 6:43 |
| 24011311-009 | A JMS-14 | NELAP | 1.0 | < 1.0 | μg/L | 1 | 02/08/2024 14:37 | 01/11/2024 6:43 |
| 24011311-010 | A JMS-15 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/08/2024 14:41 | 01/11/2024 6:43 |
| 24011311-011 | A JMS-16 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/08/2024 14:45 | 01/11/2024 6:43 |
| 24011311-012 | A JMS-17 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/09/2024 12:17 | 01/11/2024 6:45 |
| 24011311-013 | A JMS-18 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/12/2024 9:35 | 01/11/2024 6:45 |
| 24011311-014 | A JMS-19 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/12/2024 11:13 | 01/11/2024 6:45 |
| 24011311-015 | A JMS-20 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/12/2024 11:17 | 01/11/2024 6:45 |
| 24011311-016 | A JMS-21 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/12/2024 8:22 | 01/11/2024 6:46 |
| 24011311-017 | A JMS-22 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/12/2024 8:26 | 01/11/2024 6:46 |
| 24011311-018 | A JMS-23 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/12/2024 10:47 | 01/11/2024 6:46 |
| 24011311-019 | A JMS-24 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/12/2024 8:31 | 01/11/2024 6:46 |
| 24011311-020 | A JMS-25 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/12/2024 8:35 | 01/11/2024 6:50 |
| 24011311-021 | A JMS-26 | NELAP | 1.0 | 3.3 | µg/L | 1 | 02/02/2024 11:38 | 01/11/2024 6:50 |
| 24011311-022 | A JMS-27 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 11:42 | 01/11/2024 6:50 |
| 24011311-023 | A JMS-28 | NELAP | 1.0 | 20.9 | µg/L | 5 | 02/06/2024 14:33 | 01/11/2024 6:50 |
| 24011311-024 | A JMS-29 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 11:46 | 01/11/2024 6:55 |
| 24011311-025 | A JMS-30 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 12:03 | 01/11/2024 6:55 |
| 24011311-026 | A JMS-31 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 12:07 | 01/11/2024 6:57 |
| 24011311-027 | A JMS-32 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 12:11 | 01/11/2024 7:00 |
| 24011311-028 | A JMS-33 | NELAP | 1.0 | 3.8 | µg/L | 1 | 02/02/2024 12:15 | 01/11/2024 7:00 |
| 24011311-029 | A JMS-34 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 12:31 | 01/11/2024 7:03 |
| 24011311-030 | A JMS-35 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 12:19 | 01/11/2024 7:06 |
| 24011311-031 | A JMS-36 | NELAP | 1.0 | 3.2 | µg/L | 1 | 02/02/2024 12:23 | 01/11/2024 7:07 |
| 24011311-032 | A JMS-37 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 12:27 | 01/11/2024 7:08 |
| 24011311-033 | A JMS-38 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 13:25 | 01/11/2024 7:08 |
| 24011311-034 | A JMS-39 | NELAP | 1.0 | 61.0 | µg/L | 1 | 02/02/2024 12:56 | 01/11/2024 7:10 |
| 24011311-035 | A JMS-40 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 13:00 | 01/11/2024 7:12 |
| 24011311-036 | A JMS-41 | NELAP | 1.0 | 17.4 | µg/L | 5 | 02/06/2024 14:37 | 01/11/2024 7:12 |
| 24011311-037 | A JMS-42 | NELAP | 1.0 | 10.6 | µg/L | 5 | 02/06/2024 14:42 | 01/11/2024 7:12 |
| 24011311-038 | A JMS-43 | NELAP | 1.0 | 3.5 | µg/L | 1 | 02/02/2024 13:04 | 01/11/2024 7:12 |
| 24011311-040 | A JMS-45 | NELAP | 1.0 | 13.5 | µg/L | 5 | 02/06/2024 14:46 | 01/11/2024 7:12 |
| 24011311-041 | A JMS-46 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/12/2024 9:10 | 01/11/2024 7:14 |
| 24011311-042 | A JMS-47 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 13:08 | 01/11/2024 7:14 |
| 24011311-045 | A JMS-50 | NELAP | 1.0 | 1.4 | µg/L | 1 | 02/12/2024 9:05 | 01/11/2024 7:16 |
| 24011311-046 | A JMS-51 | NELAP | 1.0 | 1.6 | µg/L | 1 | 02/07/2024 21:55 | 01/11/2024 7:16 |
| 24011311-047 | A JMS-52 | NELAP | 1.0 | 1.1 | µg/L | 1 | 02/07/2024 21:59 | 01/11/2024 7:16 |
| 24011311-048 | A JMS-53 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/07/2024 22:25 | 01/11/2024 7:18 |
| 24011311-049 | A JMS-54 | NELAP | 1.0 | 1.2 | µg/L | 1 | 02/07/2024 22:03 | 01/11/2024 7:18 |
| 24011311-050 | A JMS-55 | NELAP | 1.0 | 1.1 | µg/L | 1 | 02/07/2024 22:08 | 01/11/2024 7:19 |
| 24011311-051 | A JMS-56 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/07/2024 22:12 | 01/11/2024 7:19 |
| | | | | | | | | Dame 7 of 9 |



Laboratory Results

http://www.teklabinc.com/

Work Order: 24011311

Report Date: 12-Feb-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Matrix: DRINKING WATER

| Sample ID | Client Sample ID | Certification | Qual RL | Result | Units | DF | Date Analyzed | Date Collected |
|--------------|-------------------------|----------------|---------|--------|-------|----|------------------|-----------------|
| EPA 600 4.1. | 4, 200.8 R5.4, META | LS BY ICPMS (T | OTAL) | | | | | |
| Lead | | | | | | | | |
| 24011311-052 | 2A JMS-57 | NELAP | 1.0 | 1.1 | µg/L | 1 | 02/07/2024 22:16 | 01/11/2024 7:19 |
| 24011311-053 | BA JMS-58 | NELAP | 1.0 | 1.7 | µg/L | 1 | 02/07/2024 22:21 | 01/11/2024 7:19 |
| 24011311-054 | IA JMS-59 | NELAP | 1.0 | 6.4 | µg/L | 5 | 02/06/2024 14:50 | 01/11/2024 7:19 |
| 24011311-055 | 5A JMS-60 | NELAP | 1.0 | 2.5 | µg/L | 1 | 02/12/2024 9:14 | 01/11/2024 7:20 |
| 24011311-056 | SA JMS-61 | NELAP | 1.0 | 2.2 | µg/L | 1 | 02/12/2024 9:18 | 01/11/2024 7:20 |
| 24011311-057 | 7A JMS-62 | NELAP | 1.0 | 1.8 | µg/L | 1 | 02/12/2024 9:23 | 01/11/2024 7:20 |
| 24011311-058 | BA JMS-63 | NELAP | 1.0 | 1.6 | µg/L | 1 | 02/12/2024 9:27 | 01/11/2024 7:23 |
| 24011311-059 | 9A JMS-64 | NELAP | 1.0 | 1.9 | µg/L | 1 | 02/12/2024 10:20 | 01/11/2024 7:24 |
| 24011311-060 | DA JMS-65 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/12/2024 9:31 | 01/11/2024 7:25 |



Receiving Check List

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24011311 Report Date: 12-Feb-24

| Carrier: Employee Completed by: Mary E. Kemp 19-Jan-24 Mary E Kemp | | Received By: MEI Reviewed by: On: 19-Jan-24 | K Elled Hop Ellie Hopkins | bend |
|---|-----------------|--|---------------------------------|------------|
| Pages to follow: Chain of custody 6 | Extra pages inc | cluded 0 | | |
| Shipping container/cooler in good condition? | Yes 🗸 | No | Not Present | Temp °C NA |
| Type of thermal preservation? | None 🗹 | | Blue Ice | Dry Ice |
| Chain of custody present? | Yes 🗹 | No 🗌 | | |
| Chain of custody signed when relinquished and received? | Yes 🗹 | No 🗌 | | |
| Chain of custody agrees with sample labels? | Yes 🗌 | No 🗹 | | |
| Samples in proper container/bottle? | Yes 🖌 | No 🗌 | | |
| Sample containers intact? | Yes 🖌 | No 🗌 | | |
| Sufficient sample volume for indicated test? | Yes 🗸 | No 🗌 | | |
| All samples received within holding time? | Yes 🗸 | No 🗌 | | |
| Reported field parameters measured: | Field | Lab | NA 🔽 | |
| Container/Temp Blank temperature in compliance? | Yes 🗸 | No 🗌 | | |
| When thermal preservation is required, samples are compliar 0.1° C - 6.0° C, or when samples are received on ice the same | , | | | |
| Water – at least one vial per sample has zero headspace? | Yes 🗌 | No | No VOA vials 🔽 | |
| Water - TOX containers have zero headspace? | Yes 🗌 | No | No TOX containers | |
| Water - pH acceptable upon receipt? | Yes 🗹 | No | NA | |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes | No 🗌 | NA 🔽 | |
| Any No responses n | nust be detaile | d below or on the | COC. | |

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - MaryKemp - 1/19/2024 10:40:03 AM

Did not receive JMS-44 and JMS-48. Received two JMS-49. Unable to identify. Both bottles went into storage.

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | ress: 11816 Lackland Road / State / Zip St. Louis, MO 63146 tact: Brad Lohrum Phone: (314) 997-744 ail: blohrum@teamues.com Fax: (314) 997-744 se samples known to be involved in litigation? If yes, a surcharge will apply Yes se samples known to be involved in litigation? If yes, a surcharge will apply Yes se samples known to be hazardous? Yes No e any required reporting limits to be met on the requested analysis?. If yes, please protothe comment section. Yes Project Name/Number Sample Collector's Name bd44517.01 Billing Instructions # and Type of Cor Results Requested Billing Instructions # and Type of Cor gdard 1-2 Day (100% Surcharge) Billing Instructions # and Type of Cor se Only Sample Identification Date/Time Sampled Prog | | | | | | | | | | | | | | Sa | m | oles | on | - | | E | | BLUE | ICE | X | NO I | CE | / | $\overline{\mathcal{A}}$ | Į. | °C | LT | G# | | |
|--|--|----------------------|----------|---------|----------|--------|------|-------|-------|------|------|-------|-------|---|------------|-----|----------|-------|------|------|-------------------------|----------------|-------|-----|-----|------------|-----|----------|--------------------------|----------|----------|----------|---------|----------|--|
| Address: | | 11816 Lackland F | Road | | | | | | | | | | | - | | | | | | | | | FIELD | | | | | ORI | LAB | 4 | | | | | |
| | err. 11816 Lackland Road y / State / Zip St. Louis, MO 63146 ntact: Brad Lohrum Phone: (314) 997- Mail: blohrum@teamues.com Fax: | | | | | | | | | | | | | - | | | lote | | | 7 | | | | | | | | | | | | | | | An A |
| Contact: | Interess: 11816 Lackland Road y / State / Zip St. Louis, MO 63146 Intact: Brad Lohrum Phone: (314) 997-7 Iail: blohrum@teamues.com Fax: | | | | | | | | | | | 40 | | - | | | | | 1~ | 10 | 1111 | | | | 10 | | | | 1 | 1 | | Vanc | 110 | <u>م</u> | - - |
| E-Mail: | blohrur | n@teamues.com | | ******* | | | ¥, | _ | | | | | | | | | | _ | | | 44 | , 4 | Jm | 2 | 18 | <u>،</u> ۲ | ecc | we | <u>a</u> 1 | tω | <u>,</u> |)ms | ,- 49 | 11 | 19124 |
| | | | | | | | | | | | | ~ | 6 | _ | Clie | ent | Co | mm | en | its: | | | | | | | | | | | | | | - 4 | |
| | | | | | | charge | will | app | ly | لسا | Yes | - A | 3-10 | • | | | | | | | | | | | | | | | | | | | | | |
| Are there any requ | uired rer | porting limits to be | met on t | | | analys | is?. | lf ye | es, p | leas | e pr | ovide | • | | | | | | | | | | | | | | | | | | | | | | |
| Imits in the comment section. Yes X No Project Name/Number Sample Collector's Name MATRIX INDICATE ANALYSIS REQUESTED 044517.01 By ad Ldww Eg. g g g g g g g | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project | 1044517.01 Brad Lahrun | | | | | | | | | | | | | L | | MA | ATR | RIX | | | | | | IND | ICA | TE | ANA | LYS | IS R | EQI | JES | TED | | | |
| 644 | b44517.01 Brad dvvv Results Requested Billing Instructions # and Type of Cont | | | | | | | | | | | | | | ? <u>0</u> | , | | S | | | Ş | | | | | | | | | T | Ι | T | T | | |
| _/ Result | b44517.01 Brad b4rum Results Requested Billing Instructions # and Type of Con | | | | | | | | | | | ntaiı | ners | | Ī | | | pec | | | - | 4. | | | | | | | | | | | | | |
| | • | | | | | | | 1 | 1 | | | | | | Du | N | Sludge | ial l | | Leau | 2 | • | | | | | | | | | | | | | |
| Other | 🗌 3 Da | ay (50% Surcharge) | | | | | NPR. | 1 | láo | 250 | 틾 | leo 1 | OTHER | 5 | Wat | | Pe | Vas | Vate | | 3 | | | | | | | | | | | | | | |
| Lab Use Only | Sam | ple Identification | Da | ate/Tim | ie Sam | pled | ŝ | Ĩ | - | 4 | | + 3 | ×[~ | | ter | | | æ | 14 | | 0 | | | | | | | | | | | | | | |
| 249131 | JM | 5-0b | 1/1 | 1/24 | 6 | ;39 | | | | | | | | X | | | | Τ | Γ | Ţ | \langle | | | | | | | | | | | | | Τ | |
| 002 | JW | 15-07 | Ι, | 1 | 6. | :40 | Π | | | | | | | X | X | | | | | X | \langle | | | | | | | | | | T | | 1 | | T |
| 003 | í | 08 | | , | 1 | | Π | | | | | | | X | | | T | | ┢ | X | ~ | | | | | | | | | 1 | 1 | | 1 | 1 | |
| 004 | | 09 | | | | | Π | | | Π | | | | X | 1 | Τ | T | | | X | | | | | | | | | T | 1 | 1 | | T | T | |
| 005 | | 10 | | | \neg | | Π | | | | | | Τ | X | 1 | T | T | T | T | X | Ì | | | | | | | | | | 1 | | T | | |
| 000 | | [(| | | \neg | | Π | | | | | | Τ | D | d | Τ | | Τ | Γ | | $\overline{\mathbf{A}}$ | | | | | | | 1 | 1 | 1 | | | 1 | | |
| 607 | | 12 | | | | | Π | | | | | | Τ | λ | ([| Τ | | | Γ | 7> | $\langle $ | | | | | | | | | Τ | | | Τ | | T |
| 008 | | 13 | | | 6: | 43 | Π | | | | | | | X | Ì | T | Ι | | T | X | T | | | | | | | | Ī | | T | | | 1 | T |
| 009 | | 4 | | 1 | ĺ | | Π | | | | | | T | k | | 1 | | Τ | Γ | X | | | | | | | | 1 | | 1 | 1 | 1 | 1 | 1 | |
| 1 | | . 15 | د. | 5 | | - | T | | | | | | | X | Ì | 1 | ╈ | Τ | T | TX | Ì | | | | | | | | 1 | 1 | 1 | 1 | T | | T |
| | Relin | quished By | | | | | Ē | Date | /Ti | me | . I | - | | Ĺ | 1 | | | • | R | ece | ved | By | | | | | T | <u>.</u> | | D | ate/ | Гime | <u></u> | | |
| Branch | $\langle \rangle$ | ~~~ | | | $\Box v$ | 1181 | 12 | Ŷ | | | | | | Ι | | | 1. | 2 |) | Uks | Z | - | | | | | | 1/ | 19 | >/: | 24 | 2 | | | |
| | 1/1 D | Nul- | | | \Box_i | 115 | 2/2 | 14 | 2 | 1 | 0:0 | 90 |) | | _ | -N | 10 | 0 | | 11 | 4. | 20 | | | | | | 110 | 2121 | <u>น</u> | 1000 | <u>ი</u> | | | |
| / | I | | | | 1 | | / | | | - | | | | T | | | <u> </u> | 0 |) | | ~~~ | ۲ | | | | | 1 | | | <u>4</u> | | | | | |
| | | | | | 1 | | | | | | | | | ╋ | | | | | | | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | | Geotechnology, Ll | LC | | | | | | | | | Т | Sai | mp | les | on | 滚 | | | BLU | E ICE | | NOI | CE | | | (| °c | LTG | | |
|--------------------|---|--------------------------------|----------------------|---------------|------|-------|-------|------|-------|------|----|----|----------------|------|------------|----------------------|-------------|------------|------|------------|-------|------|-----------|----------|------|------|-----|-------|-----|---------|---------------------|
| Address: | | 11816 Lackland R | toad | | | | | | | | | | | - | | | | | | FIE | | | | | | LAB | USI | | | | |
| | / 7 in | St. Louis, MO 631 | 146 | ***** | | | | | | | | • | Lat | | | | | _ | _ | | | | | _ | | | | | | | 11 A 12 A 14 |
| Contact: | Brad Lo | hrum | | Phone | e: | (3 | 314) | 997 | 744 | 0 | | | | ~ 14 | | | | | | | | | | | | | | | | | 1013 (1013) 1013 |
| E-Mail: | blohrun | @teamues.com | | Fax: | | _ | | | | | | | Clie | nt(| Cor | mm | ent | s: | | | | | | | | | ~ | : | | | |
| Are these sample | s known | to be involved in lit | igation? If yes | , a surcharge | will | appl | у | Ξ. | Yes | M | No | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | _ | | | | | | | | | | | | | | | | | | | | | | | |
| limits in the comm | uired rep nent secti | orting limits to be ri ion. | net on the req No | uested analys | is?. | lf ye | s, pl | ease | e pro | vide | | | | | | | | | | | | | | | | | | | | | |
| Project | Project Name/Number Sample Collector's Name | | | | | | | | | | | | | MA | TR | IX | | T | | | IN | DICA | TE | | LYS | IS R | EQI | JEST | ED | | 35 |
| JOU | JOY4517.01 Errad Lahrum Results Requested Rilling Instructions # and Type of Contain | | | | | | | | | | | | 7 | Ť | Γ | 1 | | R | | T | | | | Ι | Ι | T | T | T | T | | |
| Result | Results Requested Billing Instructions # and Type of Conta | | | | | | | | | | | | li, | | S | spec | Gro | ≥ - | | | | | | | | | | | | | |
| Standard | Results Requested Billing Instructions # and Type of Conta | | | | | | | | | | | I | ing | Soil | Sludge | ial \ | nd L | Lead | | | | | | | | | | | | | |
| Other | sin the comment section. Yes Yes No Project Name/Number Sample Collector's Name JOUU517.0 FMad MVUM Results Requested Billing Instructions # and Type of Contain Standard 1-2 Day (100% Surcharge) Billing Instructions # and Type of Contain Other 3 Day (50% Surcharge) Billing Instructions # and Type of Contain bb Use Only Sample Identification Date/Time Sampled H K S A 013 JMS - 10 //(/24 6:45 1 013 JMS - 17 6:45 1 1 | | | | | | | | | | | Ĕ, | Drinking Water | Γ | ge | Special Waste | Groundwater | E200 | | | | | | | | | | | | | |
| Lab Use Only | Sam | ole Identification | Date/Tim | e Sampled | S | Ű | - | 4 | - | 4 | ~ | | ter | | | æ | ¥, | 0.8 | | | | | | | | | | | | | |
| 24011311 -011 | JM | 5 - 1b | 1/11/24 | 6:43 | | | | | | | | X | | | | | | X | Ί | | | | | | | Τ | | Τ | | | |
| loia | Contact: Brad Lohrum Phone: (314) 997-7440 E-Mail: blohrum@teamues.com Fax: | | | | | | | | | | | Х | | | | | | X | | | | | | | | | | | | | |
| 013 | (| 18 | | T | | | | | | | | Ķ | | | Ι | | | Х | | | | | | | | | | T | | | |
| 014 | | 19 | | | | | | | | | | K | | | | | | X | 1 | | | | | | | | | | | | |
| 015 | | 20 | | | | | | | Τ | | | X | Γ | Γ | | | | X | | | | | | | I | | | | | | |
| 016 | | 21 | | 6:46 | Π | | | | | Τ | | X | Τ | | | | | Х | | | | | | | | | Ī | | | | |
| 017 | | 22 | | [| | | T | | | | | X | Γ | | | | | X | | | | | | Ι | 1 | 1 | | | | | |
| 018 | | 23 | | | Π | | | | Τ | | | X | | | | Ī | | X | 1 | | | | | | | | | | | | |
| 019 | | 24 | | \rightarrow | | | | | | | | X | | | | | | X | | | | | | [| 1 | 1 | 1 | | | | |
| V 020 | | 25 | | 6:50 | | | | T | | | | X | | | | | | ĪX | | | | | | | | | | 1 | | | |
| <u> </u> | Relin | uished By | | | |)ate | Tin | ne | | | | | | | | | Re | ceiv | ed B | y | | | · · · · · | | | | D | ate/T | ime | | |
| Fronting | 100/ley 2000 1/18/24 | | | | | | | | | | | | | | <u>[</u> 2 | | 2 | U | 2 | | | | | | - 1 | 119 | 5/2 | 24 | | | |
| 1/2 | KJM 1/19/24 10:00 | | | | | | | | | | | | ~ | N | la | <u>~</u> | _ | <u>-18</u> | | <u></u> | | | | | 1110 | 9/21 | ч | 100 | 0 | | |
| | | | | | | | | | | | | | | | | | δ | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| | Idress: 11816 Lackland Road try / State / Zip St. Louis, MO 63146 Intact: Brad Lohrum Phone: (314) 997-744 Mail: blohrum@teamues.com Fax: (314) 997-744 Mail: blohrum@teamues.com Fax: (314) 997-744 Mail: blohrum@teamues.com Fax: (314) 997-744 Integer Project Name/Number Fax: (314) 997-744 Project Name/Number Yes Avo Project Name/Number Sample Collector's Name (044517-0) Results Requested Billing Instructions # and Type of Cor andard 1-2 Day (100% Surcharge) Billing Instructions # and Type of Cor Use Only Sample Identification Date/Time Sampled US US U28 Only Sample Identification Date/Time Sampled US US U29 0 1/11/124 6:550 1 1 U29 0 2/11/124 6:557 1 1 U29 0 3/1 0/15/124 1 1 U29 1 2/1 2/1 1 1 1 <th></th> <th></th> <th>T</th> <th>D</th> <th></th> <th></th> <th></th> <th>205</th> <th>ICE</th> <th>🕅 B</th> <th></th> <th> NOIO</th> <th>F</th> <th></th> <th>-</th> <th>°c</th> <th>······</th> <th></th> <th></th> | | | | | | | T | D | | | | 205 | ICE | 🕅 B | | NOIO | F | | - | °c | ······ | | | | |
|--|--|------------------|---------------------------------------|---------|------------|------------------|-------|-------|----------|-------------------------|-----------------|--------|------------|---------------|-------------|-------------------------|----------|-----|------|-----------|-------------|-------------|----------|----------|---------------|--------------|
| Client: | | | ···· | | | | | | | | | • | | | | | | | NUIC | | | | - | | ₩ | |
| | | | | ••• | | | | | | • | | | | | | LAB | 📓 FI | ELD | | <u>F0</u> | <u>R LA</u> | BUS | SE ON | LY | | No. |
| | / Zip St. Louis, WO 63 | 140 | · · · · · · · · · · · · · · · · · · · | | | | | | | L | Lab | No | tes | | | | | | | | | | | | | vo tero et v |
| Contact: | | | |): | (314 | i) 997 | -/44 | 0 | | | | | | | | | | | | | | | | | | an na shirt |
| E-Mail: | bionrum@teamues.com | | _ Fax: | | | | | | | С | lier | nt C | om | me | ents | s: | | | | ~ , … | | | | | | 24 |
| Are these sample | s known to be involved in li | tigation? If yes | , a surcharge | will ap | ply | | Yes | V | No | 1 | | | | | | | | | | | | | | | | |
| Are these sample: | s known to be hazardous? | 🗌 Yes 🗡 | -No | | | | | | | | | | | | | | | | | | | | | | | |
| Are there any requirements in the comm | uired reporting limits to be r | pet on the requ | uested analys | s?. If | yes, | pleas | e pro | ovide | | | | | | | | | | | | | | | | | | |
| | Project Name/Number Sample Collector's Name | | | | | | | | | | | | | _ | | | | | | | | | | | | |
| | | | | | | | | | | | | TAN | RIX | (| | | | IN | | NAL | | REC | UEST | ED | | |
| 1049 | Results Requested Billing Instructions # and Type of Cont | | | | | | | | | | | | | ខ | ្ន | R | | | | | | | | | | İ |
| Result | J044517.01 Filling Instructions Results Requested andard 1-2 Day (100% Surcharge) her 3 Day (50% Surcharge) | | | | | | | | | | | | S | Special Waste | Groundwater | 1 1 | | | | | | | | | | l |
| | Project Name/Number Yes No Project Name/Number Sample Collect JO44517.01 FAVad A Results Requested Billing Instructions # itandard 1-2 Day (100% Surcharge) Billing Instructions # other 3 Day (50% Surcharge) Date/Time Sampled Image: Collect Co | | | | | | | | o, | | ng l | Soil | Sludae | | Ndv | Lead | | | | | | | | | | |
| | 3 Day (50% Surcharge) | | | IPRE | <u>s</u> | So | 힘 | | OTHER | 8 | Dr,inking Water | | ē | Vast | /ate | E200.8 | | | | | | | | | | |
| Lab Use Only | Sample Identification | Date/Tim | e Sampled | S | | 4 | - | 44 | 2 | | er | | ł | ē | Ξ, | 0.8 | | | | | | | | | | |
| 24011231 | JM5-26 | 1/11/24 | 6:50 | 1 | | | | | Т | \mathbf{N} | | | | | | X | | | | | | | | | | 6651 |
| | JMS-27 | ľ (| [| | | | | | 1 | X | | | | | | X | | | | | 1 | \top | | | | |
| | 1 28 | | | | | | 1 | | | À | | | | | | X | | | | | + | + | 1 | 1 | | |
| 024 | 29 | 1 1 | 6:55 | | 1 | | | | 1 | Ż | | _ | | ╡ | | X | | | | | | + | | | | |
| | | | + | | ╈ | | | | T | Ź | | \neg | \top | | | $\overline{\mathbf{X}}$ | | | | | | + | 1 | | | |
| | 3 | | 6:51 | | T | | | | 1 | ÌX | | 1 | | | | X | | | | | \square | - | - | <u> </u> | \rightarrow | |
| | | | | | 1 | | T | | T | $\overline{\mathbf{X}}$ | | | 1 | 1 | | $\overline{\mathbf{x}}$ | | | | | + | + | 1 | †† | + | |
| | | | F | | 1 | | | | T | \mathbf{x}^{\dagger} | | | | 1 | | X | | | | | | | - | | | |
| | | | 1.03 | + | ╋ | ┢╌┾ | | | ╉ | <u>S</u> | | | | ╉ | | $\overline{\mathbf{v}}$ | | | | | | | | + | | •••••• |
| | | | | - | | $\left \right $ | ╉ | ++ | ť | 쓋 | | + | + | + | | 쉿 | | + | | | _ | ╋ | | ╋──┤ | | |
| | | | | Ďa | l te/Ti | me | | | ╉ | | | | 1 | 1 | Rer | cive | d By | | | | | <u></u> | Date/Ti | ime | | |
| Therewiller | And | | 1/18/2 | | | | | | ╈ | | 1 | 2 | . / | | i/i | 1 | <u></u> | | | 1/ | 19 | 3 [] > | | inc. | | |
| | 1/12/24 10.60 | | | | | | | | | | 1 | 1 | ų_ | | Ľ J | 1 | | | | | liqi | | | | | |
| | 112/24 1000 | | | | | | | | | | 11 | 10 | لمبلي ا | ð | | <u>u</u> | M) | | | ······ | 14 | <u>त्रम</u> | <u> </u> | 00 | | |
| | | | | | | | | | + | | | | | ~ | | | | | | <u></u> | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.



pg. 16 of 74 Work order # 24011311

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechnology, L | LC | | | | | - | San | nple | son | : 🛙 | | BLUE ICE | | : | °c | LTG# | |
|--------------------|--|--|-----------------|----------|-----------|------|-------|----------------|----------|---------------|-------------|--------------|----------|------|--------|----------|----------|--------------|
| Address: | 11816 Lackland F | Road | | | | | - I I | Pre | serv | ed i | n: 📓 | | FIELD | | FOR LA | B USE ON | ILY | |
| City / State | / Zip St. Louis, MO 63 | 146 | | | | | · , | Lab | Not | tes | | | | | | | | |
| Contact: | Brad Lohrum | Phon | e: <u>(</u> 31- | 4) 997- | 7440 | | | | | | | | | | | | | 2 vi stadieć |
| E-Mail: | blohrum@teamues.com | Fax: | | | | | - C | lier | nt Co | omn | nen | s: | | ». s | | | | |
| | s known to be involved in li s known to be hazardous? | tigation? If yes, a surcharge □ Yes Ⅹ No | will apply | | Yes 🌶 | K.No | | | | | | | | | | | | |
| Are there any requ | | net on the requested analys | is?. If yes, | please | e provide | 2 | | | | | | | | | | | | |
| Project | Name/Number | e | | Ľ | Ň | IAT | RIX | | | INDIC | ATE AN | IALYSIS | REQUES | red | | | | |
| b44 | 517.0 | | | E | Dri | | Sp | <u>ଜ</u> | DW | | | | | | | | | |
| Standard | s Requested 1-2 Day (100% Surcharge) | Contair | ners | | nkin | s | | - No | - Lead | | | | | | | | | |
| | 3 Day (50% Surcharge) | | HNO3 UNPRES | H2SO | HC HC HC | OTHE | SHOOL | Drinking Water | Soil | Special Waste | Groundwater | ad E200,8 | | | | | | |
| Lab Use Only | Sample Identification | Date/Time Sampled | :: ³ | | 1 | [₹ | | ier | | ଜ | "Ić | 0.8 | | | | | | |
| avon311 -031 | JM5-36 | 1/11/24 7:07 | | | | | X | | | | | X | | | | | | |
| 032 | JMS- 37 | 1 7:00 | | | | | K | | | | | X | | | | | | |
| 033 | - 38 | 1 + | | | | | X | | | | | \mathbf{X} | | | | | | |
| 034 | | 7:10 | | | | | X | | | | | X | | | | | | |
| 035 | 40 | 7:12 | | | | | X | | | | | X | | | | | | |
| 036 | 4 | | | | | | X | | | | | X | | | | | | |
| 037 | 42 | | | | | | X | | | | | X | | | | | | |
| 038 | 43 | | | | | | X | | | | | Х | | | | | | |
| 039 | 44 | | | | | | X | | | | | X | | | | | | |
| - 040 | + 45 | | | | | | X | | | | | X | | | | | | |
| | Relinquished By | . U181 | Date/T | ime | | | | | | | Re | ceive | d By | | | Date/T | ime | |
| Produly | flon - | | | <u> </u> | | 12 | Ĺ | l | 4 | | | 1/12 | | | | | | |
| V | 10 Rg/hf 1/19/24 10:00 | | | | | | | | | | <u>/</u> | <u>V1</u> | lunp | | 11197 | 24 100 | <u> </u> | |
| | | | | | | | | | <u> </u> | | (| 3 | \ | | | | | |
| | | İ | | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.



pg. 17 of 74 Work order # 24011311

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Contact: E-Mail: | Geotechnology, L 11816 Lackland F / Zip St. Louis, MO 63 Brad Lohrum blohrum@teamues.com s known to be involved in li | Road 1146 | _ Phone _ Fax: | | | | 97-74 | | 1 | - | | ser | ve ote: | d in s | : | LAB | | BLU FIEL | | NO I | | ORL | .AB | | C ONL | | # | |
|---|---|--------------------------------|---------------------|--------|--------|--------|--------|--------------------|-------|------------------|----------------|------|------------|---------------|-------------|--------|-------|---------------|------|------|-----------|------|-------|-----|----------|----|---|------|
| Are these sample Are there any requiring the community of | s known to be hazardous? uired reporting limits to be a nent section. Yes 2 | Yes X met on the requ No | No uested analys | is?. I | lf yes | , plei | ase pr | _ | - | | | | | | | | | | | | | | | | | | | |
| - | Project Name/NumberSample Collector's NameJ044517.01Brad Lohrum | | | | | | | | | | | MAT | FRI | X | | | 1 | | | TE A | NA | LYS | IS RE | EQU | EST | | | |
| | Results Requested Billing Instructions # and Type of Con | | | | | | | | | | | | | gs | ត្ | DW - | | | | | | | | | | | | |
| Result | Results Requested Billing Instructions # and Type of Co | | | | | | | | | | | S | Slu | ecia | oun | - Lead | | | | | | | | | | | | |
| | Results Requested Billing Instructions # and Type of Co Standard 1-2 Day (100% Surcharge) U H Other 3 Day (50% Surcharge) H H | | | | | | | | | | Drinking Water | Soil | Sludge | Special Waste | Groundwater | ă E | | | | | | | | | | | | |
| Lab Use Only | Sample Identification | Date/Tim | e Sampled | RES | 8 | ž S | 2 | MeOH | OTHER | 19986 | ater | | | ste | ter | E200.8 | | | | | | | | | | | | |
| 24011311 | JM5 46 | 1/1/24 | 7:14 | ١ | | | | | | X | 1 | | | | | ス | | | | | | | | | | | | |
| 042 | JMS- 47 | | | | | | | $\mathbf{\hat{X}}$ | 1 | | | | | X | | | | | | | | | | | \neg | | | |
| 043 | 1 48 | | 1 | | | | | | | X | | | | | | X | | | | | | | | | | | | |
| 044 | 49 | | 7:16 | | | | | Τ | Τ | Ŕ | | | | | | X | | | | | | | | | | | | |
| 045 | 50 | | Ŧ | | | | | | | X | | | | | | X | | | | | | | | | | | | |
| 046 | 51 | | 7:16 | | | Τ | | | Τ | X | | | | | | X | | | | | | | | | | | | |
| 047 | 52 | | +- | | | | | | Τ | R | | | | | | X | | | | | | | | | | | | |
| 048 | 53 | | 7:18 | Π | | | T | | Γ | K | | | | | | R | | | | | | | | | | | - | |
| 049 | 54 | | + | | | Τ | | | | X | | | | | | X | | | | | | | | | | | | |
| 4 050 | 1 55 | | 7:19 | | | | | | | X | | | | | | X | | | | | | | | | | | | |
| | Relinquished By | | | D | ate/1 | lime | ; | | | | | | | | Re | ceive | ed By | 1 | | | | | | Da | te/Tir | ne | | |
| Fredle | Excollen Any 1/18/24 | | | | | | | | | | | _/ | 2 | | 2 | ļļ | | | | | | 11 | 9/ | 24 | 7_ | | | |
| | 1 29 bot 1/15/24 10:0 | | | | | | | | | | /ر. او | M | a | لب ا | <u> </u> | -12 | مد | ρ | | | <u> </u> | 1/19 | lau | 4 | LDC | 20 | | |
| | | | | | | | | | | | | | | | 2 | | | ` | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.



CHAIN OF CUSTODY pg. 8 of 74 Work order # 2401131

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechnolog | /, LLC | | | | | | | | | Sar | mpl | es | on: | |] ICE | | BLUE | ICE | 🕅 N | O ICE | | | | Ċ | LTG | ¥ | 200 200 |
|--|--|---------------------------------|------------|-------|-------|-------|-------|------|------|--------------------|----------------|----------|-------------|---------------|-------------|--------------|-------|-------|------|-----|-------|-------------|-------|------------|--------|----------|---|--------------------|
| Address: | 11816 Lacklar | | | | | | | | | | Pre | ser | ve | d in | : | LAB | | FIELD | | | Ī | FOR | LAB | USE | | <u> </u> | | and for fair share |
| City / State | / Zip St. Louis, MO | 63146 | | | | | | | | | Lat | o No | otes | 5 | | | | | | | | | | | | | | and the second |
| Contact: | Brad Lohrum | | Phone | e: | (31 | 4) 99 | 7-744 | 10 | | | | | | | | | | | | | | | | | | | | Alfaha pana a |
| E-Mail: | blohrum@teamues.co | n | Fax: | | | | | | | - | Clie | nt C | Con | nme | ent | s: | | | | | | • :• | | | : | | | - A - |
| Are these sample Are there any requ | s known to be involved s known to be hazardou uired reporting limits to lent section. | s? 🗌 Yes 🗶 be met on the req | LNo | | | | | X | No | | | | | | | | | | | | | | | | | | | |
| Project | Project Name/Number Sample Collector's Name | | | | | | | | | | | MA | r RI | X | | | | | INDI | CAT | E AN/ | ALYS | SIS R | EQU | EST | ED | in the second second second second second second second second second second second second second second second | |
| Joyc | J044517.01 Brad Lahrum | | | | | | | | | | | | | S | പ | DW | | | | | | | | | | | | |
| Result | Project Name/Number Sample Collector's N J044517.01 Billing Instructions Results Requested Billing Instructions Standard 1-2 Day (100% Surcharge) Other 3 Day (50% Surcharge) Lab Use Only Sample Identification Date/Time Sampled | | | | | | | | | | Drinkir | | S | pecia | rout | 1 | | | | | | Ì | | | | | | |
| · · · · · · | | 1 | | UNPRE | HNOS | H2SO | HCL | MeOt | OTHE | | Drinking Water | Soil | Sludge | Special Waste | Groundwater | Lead E200. | | | | | | | | | | | | |
| Lab Use Only | Sample Identificati | on Date/Tin | ne Sampled | ŝ | | - | | ž – | ~ | | ē, | | | ë | Ť | 0.8 | | | | | | | | | | | | |
| 24011311 | JMS- 56 | 1/11/24 | 1:19 | | | | | | | Х | <u></u> | | | | | \mathbf{X} | | | | | | | | | | | | |
| 052 | JMS- 57 | | 1 | | | | | | | Х | .] | | | | | X | | | | | | | | | | | | |
| 053 | 58 | | | | | | | | | X | | | | | | K | | | | | | | | | | | | |
| 054 | 59 | | 1:20 | | | | | | | X | | | | | | Ň | | | | | | | | | ļ | | | L |
| 055 | 60 | | 1 | | | | | | L | X | | | | | | X | | | | | | | | | | | | |
| 056 | <u> </u> | | | | | | | | | Ń | 1 | | | | | X | | | | | | | | | | | | |
| 057 | 62 | | <u></u> | | | | | | | $\mathbf{\lambda}$ | | | | | | Х | | | | | | | | | | | | |
| 058 | 63 | | 1:23 | | | | | | | λ | | | | | | K | | | | | | | | | | | | |
| 059 | 64 | | 7:24 | | | | | | | X | | | | | | X, | | | | | | | | | | | | |
| 1 060 | -+ 65 | | 7:25 | | | | | | | X | | | | | | X | | | | | | | | | | | | |
| | Relinguished By | | | , | ate/T | ime | | | | | | | | | Re | ceive | ęd By | | | | | | | Da | ite/Ti | me | | In |
| Treally | Breakly any VIE/24 | | | | | | | | | | | | 12 | | ſ | 14 | | • | | | | 1/1 | Ð | / <u>z</u> | 9 | | | |
| · · · · | 1/12/24 10:00 | | | | | | | | | | _1 | <u>M</u> | u | ь О | | <u>lu</u> | MΩ | | | | | 1119 | 124 | <u> </u> | 000 | 2 | | |
| | · · · · · | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.





http://www.teklabinc.com/

February 14, 2024

Brad Lohrum Geotechnology, Inc. 11816 Lackland Road St. Louis, MO 63146 TEL: (314) 997-7440 FAX: (314) 997-2067

RE: J044517.01



WorkOrder: 24011314

Dear Brad Lohrum:

TEKLAB, INC received 60 samples on 1/19/2024 10:12:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Shelly A Hennessy

Shelly A. Hennessy Project Manager (618)344-1004 ex 36 SHennessy@teklabinc.com



Report Contents

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24011314 Report Date: 14-Feb-24

This reporting package includes the following:

| Cover Letter | 1 |
|----------------------|----------|
| Report Contents | 2 |
| Definitions | 3 |
| Case Narrative | 5 |
| Accreditations | 6 |
| Laboratory Results | 7 |
| Receiving Check List | 9 |
| Chain of Custody | Appended |



Definitions

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24011314

Report Date: 14-Feb-24

Abbr Definition

- * Analytes on report marked with an asterisk are not NELAP accredited
- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
- DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
- DNI Did not ignite
- DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- NC Data is not acceptable for compliance purposes
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
 - PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
 - RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
 - RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
 - SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
 - Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
 - TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
- TNTC Too numerous to count (> 200 CFU)



Definitions

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24011314

Report Date: 14-Feb-24

Qualifiers

- # Unknown hydrocarbon
- C RL shown is a Client Requested Quantitation Limit
- H Holding times exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
 - S Spike Recovery outside recovery limits
 - X Value exceeds Maximum Contaminant Level

- B Analyte detected in associated Method Blank
- E Value above quantitation range
- I Associated internal standard was outside method criteria
- M Manual Integration used to determine area response
- R RPD outside accepted recovery limits
- T TIC(Tentatively identified compound)



Case Narrative

http://www.teklabinc.com/

Work Order: 24011314 Report Date: 14-Feb-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Cooler Receipt Temp: N/A °C

| | Kansas City |
|---------|-----------------------|
| Address | 8421 Nieman Road |
| | Lenexa, KS 66214 |
| Phone | (913) 541-1998 |
| Fax | (913) 541-1998 |
| Email | jhriley@teklabinc.com |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



Accreditations

http://www.teklabinc.com/

Work Order: 24011314 Report Date: 14-Feb-24

Client: Geotechnology, Inc.

Client Project: J044517.01

| State | Dept | Cert # | NELAP | Exp Date | Lab |
|-----------|------|---------|-------|------------|--------------|
| Illinois | IEPA | 100226 | NELAP | 1/31/2025 | Collinsville |
| Kansas | KDHE | E-10374 | NELAP | 4/30/2024 | Collinsville |
| Louisiana | LDEQ | 05002 | NELAP | 6/30/2024 | Collinsville |
| Louisiana | LDEQ | 05003 | NELAP | 6/30/2024 | Collinsville |
| Oklahoma | ODEQ | 9978 | NELAP | 8/31/2024 | Collinsville |
| Arkansas | ADEQ | 88-0966 | | 3/14/2024 | Collinsville |
| Illinois | IDPH | 17584 | | 5/31/2025 | Collinsville |
| Iowa | IDNR | 430 | | 6/1/2024 | Collinsville |
| Kentucky | UST | 0073 | | 1/31/2025 | Collinsville |
| Missouri | MDNR | 00930 | | 10/31/2026 | Collinsville |
| Missouri | MDNR | 930 | | 1/31/2025 | Collinsville |
| | | | | | |



Laboratory Results

http://www.teklabinc.com/

Work Order: 24011314

Report Date: 14-Feb-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Matrix: DRINKING WATER

| Sample ID | Client Sample ID | Certification Qual | RL | Result | Units | DF | Date Analyzed | Date Collected |
|------------------------------|---------------------|---------------------|-----|-------------------|--------------|----|------------------|-----------------|
| EPA 600 4.1.4 | I, 200.8 R5.4, META | LS BY ICPMS (TOTAL) | | | | | | |
| Lead | | | | | | | | |
| 24011314-001 | A JMS-66 | NELAP | 1.0 | 1.1 | µg/L | 1 | 02/02/2024 22:24 | 01/11/2024 7:25 |
| 24011314-002 | A JMS-67 | NELAP | 1.0 | 1.1 | µg/L | 1 | 02/02/2024 22:53 | 01/11/2024 7:25 |
| 24011314-003 | A JMS-68 | NELAP | 1.0 | <mark>19.1</mark> | µg/L | 1 | 02/02/2024 22:57 | 01/11/2024 7:26 |
| 24011314-004 | A AAB-14-2 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 23:01 | 01/11/2024 7:40 |
| 24011314-005 | A OMS-01 | NELAP | 1.0 | 2.7 | µg/L | 1 | 02/02/2024 23:22 | 01/12/2024 3:44 |
| 24011314-006 | A OMS-02 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 23:06 | 01/12/2024 3:44 |
| 24011314-007 | A OMS-03 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 23:10 | 01/12/2024 3:44 |
| 24011314-008 | A OMS-04 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 23:14 | 01/12/2024 3:44 |
| 24011314-009 | A OMS-05 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 23:18 | 01/12/2024 3:44 |
| 24011314-010 | A OMS-06 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 23:47 | 01/12/2024 3:44 |
| 24011314-011 | A OMS-07 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/02/2024 23:51 | 01/12/2024 3:44 |
| 24011314-012 | A OMS-08 | NELAP | 1.0 | 6.6 | µg/L | 1 | 02/02/2024 23:55 | 01/12/2024 3:47 |
| 24011314-013 | A OMS-09 | NELAP | 1.0 | 1.8 | µg/L | 1 | 02/02/2024 23:59 | 01/12/2024 3:47 |
| 24011314-014 | A OMS-10 | NELAP | 1.0 | 5.5 | µg/L | 1 | 02/03/2024 0:03 | 01/12/2024 3:47 |
| 24011314-015 | A OMS-11 | NELAP | 1.0 | 1.3 | µg/L | 1 | 02/03/2024 0:16 | 01/12/2024 3:47 |
| 24011314-016 | A OMS-12 | NELAP | 1.0 | 5.6 | µg/L | 1 | 02/03/2024 0:53 | 01/12/2024 3:49 |
| 24011314-017 | A OMS-13 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 0:57 | 01/12/2024 3:51 |
| 24011314-018 | A OMS-14 | NELAP | 1.0 | 1.9 | µg/L | 5 | 02/14/2024 7:18 | 01/12/2024 3:54 |
| 24011314-019 | A OMS-15 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 1:01 | 01/12/2024 3:54 |
| 24011314-020 | A OMS-16 | NELAP | 1.0 | 3.6 | µg/L | 5 | 02/14/2024 7:22 | 01/12/2024 3:54 |
| 24011314-021 | | NELAP | 1.0 | 42.2 | µg/L | 5 | 02/14/2024 7:48 | 01/12/2024 3:54 |
| 24011314-022 | | NELAP | 1.0 | 2.5 | µg/L | 1 | 02/03/2024 1:05 | 01/12/2024 3:54 |
| 24011314-023 | | NELAP | 1.0 | 2.2 | µg/L | 5 | 02/14/2024 7:27 | 01/12/2024 3:54 |
| 24011314-024 | | NELAP | 1.0 | 7.1 | µg/L | 1 | 02/03/2024 1:10 | 01/12/2024 3:56 |
| 24011314-025 | | NELAP | 1.0 | 26.2 | µg/L | 1 | 02/03/2024 1:34 | 01/12/2024 3:57 |
| 24011314-026 | | NELAP | 1.0 | 3.0 | µg/L | 1 | 02/03/2024 1:39 | 01/12/2024 3:58 |
| 24011314-027 | | NELAP | 1.0 | 8.0 | µg/L | 5 | 02/14/2024 7:31 | 01/12/2024 4:00 |
| 24011314-028 | | NELAP | 1.0 | 6.7 | µg/L | 5 | 02/14/2024 7:35 | 01/12/2024 4:00 |
| 24011314-029 | | NELAP | 1.0 | 6.9 | µg/L | 5 | 02/14/2024 7:40 | 01/12/2024 4:00 |
| 24011314-030 | | NELAP | 1.0 | 4.8 | µg/L | 5 | 02/14/2024 7:44 | 01/12/2024 4:00 |
| 24011314-030 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 1:43 | 01/12/2024 4:02 |
| 24011314-032 | | NELAP | 1.0 | 2.5 | | 1 | 02/03/2024 1:43 | 01/12/2024 4:03 |
| 24011314-032 | | NELAP | 1.0 | 5.3 | µg/L µg/L | 1 | 02/03/2024 2:03 | 01/12/2024 4:03 |
| 24011314-033 24011314-034 | | NELAP | 1.0 | 4.4 | µg/L | 1 | 02/03/2024 1:51 | 01/12/2024 4:04 |
| 24011314-034 24011314-035 | | NELAP | 1.0 | 1.9 | | 1 | 02/03/2024 1:51 | 01/12/2024 4:04 |
| 24011314-035 24011314-036 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 1:59 | 01/12/2024 4:04 |
| | | | | | µg/L | | | |
| 24011314-037 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 2:28 | 01/12/2024 4:07 |
| 24011314-038 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 2:32 | 01/12/2024 4:07 |
| 24011314-039 24011214 040 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 2:37 | 01/12/2024 4:09 |
| 24011314-040 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 2:57 | 01/12/2024 4:09 |
| 24011314-041 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 2:41 | 01/12/2024 4:10 |
| 24011314-042 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 2:45 | 01/12/2024 4:10 |
| 24011314-043 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 2:49 | 01/12/2024 4:27 |
| 24011314-044 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 2:53 | 01/12/2024 4:28 |
| 24011314-045 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 3:30 | 01/12/2024 4:28 |
| 24011314-046 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 3:35 | 01/12/2024 4:28 |
| 24011314-047 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 3:39 | 01/12/2024 4:28 |
| 24011314-048 | A LMS-06 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 3:43 | 01/12/2024 4:28 |





Laboratory Results

http://www.teklabinc.com/

Work Order: 24011314

Report Date: 14-Feb-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Matrix: DRINKING WATER

| Sample ID | Client Sample ID | Certification Qual | RL | Result | Units | DF | Date Analyzed | Date Collected |
|----------------------|---------------------|---------------------|-----|--------|-------|----|-----------------|-----------------|
| EPA 600 4.1. Lead | 4, 200.8 R5.4, META | LS BY ICPMS (TOTAL) | | | | | | |
| 24011314-049 | A LMS-07 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 3:47 | 01/12/2024 4:28 |
| 24011314-050 | A LMS-08 | NELAP | 1.0 | 6.9 | µg/L | 1 | 02/03/2024 3:59 | 01/12/2024 4:31 |
| 24011314-051 | A LMS-09 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 3:51 | 01/12/2024 4:31 |
| 24011314-052 | A LMS-10 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 3:55 | 01/12/2024 4:32 |
| 24011314-053 | A LMS-11 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 4:24 | 01/12/2024 4:32 |
| 24011314-054 | A LMS-12 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 4:28 | 01/12/2024 4:33 |
| 24011314-055 | A LMS-13 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 4:33 | 01/12/2024 4:33 |
| 24011314-056 | A LMS-14 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 4:37 | 01/12/2024 4:34 |
| 24011314-057 | A LMS-15 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 4:41 | 01/12/2024 4:34 |
| 24011314-058 | A LMS-16 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 4:45 | 01/12/2024 4:35 |
| 24011314-059 | A LMS-17 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 4:49 | 01/12/2024 4:35 |
| 24011314-060 | A LMS-18 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 02/03/2024 4:53 | 01/12/2024 4:37 |



Receiving Check List

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24011314 Report Date: 14-Feb-24

| Completed by: On: 19-Jan-24 Discrete Service Strain Control of Con | Received By: N Reviewed by: On: 19-Jan-24 | | |
|---|--|-----------------------------|-----|
| Pages to follow: Chain of custody 6 | Extra pages included 0 | 7 | |
| Shipping container/cooler in good condition? | Yes 🗸 No | ☐ Not Present □ Temp °C | N/A |
| Type of thermal preservation? | None 🗹 Ice | Blue Ice Dry Ice | |
| Chain of custody present? | Yes V No | | |
| Chain of custody signed when relinquished and received? | Yes 🗹 No 🗌 | | |
| Chain of custody agrees with sample labels? | Yes 🗹 No 🗌 | | |
| Samples in proper container/bottle? | Yes 🗹 No 🗌 | | |
| Sample containers intact? | Yes 🗹 No 🗌 | | |
| Sufficient sample volume for indicated test? | Yes 🗹 No 🗌 | | |
| All samples received within holding time? | Yes 🗹 No 🗌 | | |
| Reported field parameters measured: | Field Lab | NA 🗹 | |
| Container/Temp Blank temperature in compliance? | Yes 🗹 No 🗌 | | |
| When thermal preservation is required, samples are complia 0.1°C - 6.0°C, or when samples are received on ice the sam | , | | |
| Water - at least one vial per sample has zero headspace? | Yes No | No VOA vials 🖌 | |
| Water - TOX containers have zero headspace? | Yes 🗌 No 🗌 | No TOX containers | |
| Water - pH acceptable upon receipt? | Yes 🗹 No 🗌 | | |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes 🗌 No 🗌 | NA 🗹 | |
| Any No responses | must be detailed below or on | the COC. | |

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - amberdilallo - 1/19/2024 11:05:42 AM

pg. 19 of 74 Work order #24011314

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechnology, L | LC | | | | | | | | Т | Sar | npl | es | ón: | | ICE | 颷 | BLUE | ICE | X | NOI | CE | [| ∇f | F | °C | LT | G# | | |
|--|---|-----------------|-----------|---------|---------|--------|-------|--------------|-------|----------------|-------------------------|--------|---------------|-------------|-------------------|------------------|------|-------|--------|------|------|--------------|-----|------------|-----|-------|--|--------------|-----|--|
| Address: | 11816 Lackland R | load | | | | | | | | • | | | | | × 4 | | | FIELD | , / | / \ | | F | | LAB | US | E ON | | | | an and the second second second second second second second second second second second second second second s |
| City / State | / Zip St. Louis, MO 63 | 146 | | | | | | | | • | Lat | | | | $\langle \rangle$ | | | | | | | | | | | | | | | |
| Contact: | Brad Lohrum | | _ Phone | : | (314 | l) 997 | -744 | 0 | | | | | | - | | | | | | | | | | | | | | | | |
| E-Mail: | blohrum@teamues.com | | Fax: | | <u></u> | | | | | | Clie | nf (| :on | m | >nt | 27 | | | | | 2 | 3 • . | | | | | Jaramanan (** | la se e se e | | |
| | s known to be involved in lit s known to be hazardous? | | | will ap | ply | Π | Yes | X | No | - | | | | | | | | | | | | | | | | | | | | |
| Are there any requ | uired reporting limits to be n nent section. 🏾 Yes | net on the requ | | s?. If | yes, | pleas | e pro | ovîde | | | | | | | | | | | | | | | | | | | | | | |
| Project | Name/Number | S | ample Col | lecto | r's | Nam | ne | | | Ľ | ļ | MA' | rri | X | | | | | IND | ICA | TE / | ANA | LYS | SIS R | EQI | JES | TED | | | . · 🔅 |
| Joyi | Jo44517.01 Brad Lohnum | | | | | | | | | | | | | S | പ | DW | | | | | | | | 1 | Τ | Τ | | | T | |
| Results Requested Billing Instructions # and Type of Contain Standard 1-2 Day (100% Surcharge) | | | | | | | | | | Ag | inki | | s | peci | Pon | 1 | Ì | | | | : | | | | | | | | | |
| | 3 Day (100% Surcharge) | | UNPRES | NaOH | H2SO4 | Ð | MeOH | ers OTHER | ueous | Drinking Water | Soil | Sludge | Special Waste | Groundwater | Lead E2 | | | | | | | | | | | | | | | |
| Lab Use Only | Sample Identification | Date/Time | e Sampled | εs S | Ĩ | ¥ | | Ĭ | R | İ | Iter | | | ste | er | E200.8 | | | | | | | | | | | | | | |
| 24011314 | JM5-68 | 1/11/24 | 7:25 | | T | | | | | | X | | | | | X | | | | | | | | 1 | Ī | T | 1 | T | 1 | |
| 600 | JMS-67 | 1 | + | | Τ | | | | | | X | | | | | X | | | | | | | | 1 | T | 1 | 1 | 1 | 1 | 1 |
| ന3 | JMS-68 | | 1;20 | | | | | | | | \mathbf{X} | | | | | \boldsymbol{X} | | | | | | | | 1 | 1 | 1 | + | \uparrow | 1 | 1 |
| (m) | AAB-14-2 | 4 | 7:40 | | | ÷ | | | | | X | | | | | X | | | | | | | | | | | | | | |
| 05 | MS - 01 | 1/12/24 | 3:44 | | | | | | | | $\hat{\mathbf{x}}$ | | | | | X | | | | | | | | | | | | | | |
| | MG- 02 | | 1 | | | | | | | | $\overline{\lambda}$ | | | | | X | | | | | | | | | | | | | 1 | |
| 600 | 1 03 | | | | | | | | | | Ŷ | | | | | X | | | | | | | | | | | 1424 (227,000,000,000,000,000,000,000,000,000, | | *** | |
| 300 | 04 | | | | | | | | | | Ŕ | | | | _ | \mathbf{x} | | | | | | | | | | | | | | |
| 009 | 05 | | | | | | | | | | \mathbf{x} | | | | _ | Ń | | | | | | | | | | | | | | ***** |
| 010 | - 00 | | | | | | | | | | $\overline{\mathbf{X}}$ | | | | | X | | | | **** | | | | | | | | | | |
| | Relinguished By | | 1 | Dat | te/Ti | me | F | | | | | | | - | Re | ceive | d By | | 1 | 1 | | | 1 | | D | ate/1 | lime | 4 | | |
| Englin | Ann | | 1/15/ | 14 | | | | | | | | | Ĩe | 2 | ĺ | Ø | | | | | | | 1/. | 18 | ./z | 4 | | | | |
| | 20 Ml | | 119 | 120 | 4 | it | 20 | Ð | | | 1 | n | ī | 1 | - | N | d | | ****** | | | | 1/1 | 91 | 24 | | 101 | 'Z | | |
| | · · · · · | | | | | | - | | | | | | | | | | - | | | | | | | | | | ····· | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | ****** | | * | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.



pg. 20 of 74 Work order #24011314

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | | Geotechnology, | LLC | | | | | | | | s | am | ple | s o | n: | | CE | 💹 BLI | JE ICE | 1 | NOIC | E | | | °C | i | .TG# | | |
|---|------------------------|--|--------------------|-------------------|----------|--------|--------|----------------------------------|-----------|---------|----------|-------------------------|------|--------------------|-------|----------|-------------|-------|--------|----------|------|-----|--------------|---|------|-------|-------------|----------|---------------|
| Address: | | 11816 Lackland | Road | | | | | | | ******* | | | | | | | | 📖 FIE | | | | | RLA | 4B U | SE O | | | | |
| | / Zip | St. Louis, MO 63 | 3146 | _ | | | | | | | | abi | | | | | | | | | | | | | | | | | |
| Contact: | Brad Lo | bhrum | | Phon | e: | (314 |) 997 | -7440 | 1 | | | | | | | | | | | | | | | | | | | | e e secondade |
| E-Mail: | blohrun | n@teamues.com | | _ Fax: | | | | | | _ | CI | ien | t Ca | omr | ne | nts | | | | | | | | | | | · · · · · · | | <u> </u> |
| Are these sample | s known | to be involved in I | itigation? If yes, | a surcharge | will an | vla | Π | Yes | R | No | - | | | 01111 | | | • | | | | | | | | | | | | |
| Are these sample | s known | to be hazardous? | 🛛 Yes 🛛 🖉 | No | - | | | | • | - | | | | | | | | | | | | | | | | | | | |
| Are there any req limits in the comm | uired rep nent sect | orting limits to be ion. 🗌 _{Yes} 🕽 | met on the requ | ested analys | sis?. If | yes, į | please | e prov | ride | | | | | | | | | | | | | | | | | | | | |
| * | | Number | · | ample Co | llecto | or's | Nam | ne – | | | _ | M | AT | RIX | | Т | | | IND | | ΤΕΑ | NAL | YSIS | RE | QUES | STE |) | | |
| JOYU | | | B | 1. | di | | | | | | | - | | | T | | DX V | | | | | | T | T | T | | T | Т | rişe. |
| Result | s Requ | lested | Billing Ins | | 1 | | pe of | í Cont | taine | rs | A | Drinking Water | | Slindue Slindue | | 7 I | 1 | | | | | | | | | | | | |
| <u> </u> | | (100% Surcharge) | j | | | | I | ~ | z | 0 | lue | | Soil | | | <u>p</u> | Lead | | | | | | | | | | | | |
| Other | 📙 3 Da | y (50% Surcharge) | | | UNPRES | HND3 | 1250 | HCL HCL | HSC | THE | SNC | 5 | - 6 | Nas | | Nate | E200 | | | | | | | | | | | | |
| Lab Use Only | Sam | ple Identification | Date/Time | e Sampled | ŝ | ~ - | | 1 | 4 | ~ | | Ŷ | | 6 | 5 · | 4 | 8 | | | | | | | | | | | | |
| 24DIBIY | GW4 | 5-07 | 1/12/24 | 3:44 | | | | | | | | X | | | | | $\langle $ | | | | | | | | | | | | |
| On | MO | 5-08 | | 3:47 | | | | | | | | X | | | | | K | | | | | | | | | | | | |
| 03 | i | 09 | | | | | | | | | 7 | $\langle $ | | | | ٦, | 2 | | | | | | | | | | | | |
| OM | | 10 | | Will field Amount | | | | | | | | Z | | | | | 2 | | | | | | | | | | | | |
| 015 | | 1(| | | | | | | | | | $\overline{\mathbf{x}}$ | | | | | K | | | | | | | | | | | | |
| all | | 17 | | 3:49 | | | | | | | | R | | | | | K | | | | | | | | | | | | |
| ÕN | | 13 | | 3:51 | | | | | | | | $\overline{\mathbf{x}}$ | | | | T, | Ň | | | | | | | | | | | | |
| OLF | | 1Ú | | 3:54 | | | | | \square | | > | à | | | | 6. | X | | | | | | | 100000000000000000000000000000000000000 | | | | | |
| 019 | | 15 | | | | | | | | |) | <u>Z</u> | | | | | Ń | | | | | | | | | | | | |
| 020 | 1 | 16 | | + | | | | | | | > | <u>Z</u> | | | | | <u>Z</u> | | | | | | | | | | | | |
| 80 | Relin | quished By | | | Da | te/Ti | me | <u> </u> | <u></u> | エ | | | | | F | Rec | eive | d By | | | _ | | | | Date | /Time |) | | |
| Brolley | (// | dr | | 1/18/- | 24 | | | | | | | | 2 | / | 2 | <u>I</u> | 2 | | | | | e | <u>i []</u> | 19 | 12 | 9 | | | |
| · · · · · · | R | VIII, | ~ | [11] | 2 | 7 | l | $\mathcal{D}_{i}^{L}\mathcal{C}$ | 90 | | | | | | 1 | h | te | (1 | Zel | in l | | | 1/1 | 9/2 | 24 | | 012 | <u> </u> | |
| | | · · · / | | | | | | | | | | | | | | | | - | | \ | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | i – | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.



pg.21 of 74 Work order #24011314

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: Geotechnology, 1 Address: 11816 Lackland City / State / Zip St. Louis, MO 63 Contact: Brad Lohrum E-Mail: blohrum@teamues.com Are these samples known to be involved in I Are these samples known to be hazardous? Are there any required reporting limits to be limits in the comment section. | Road 3146 Phone Fax: Itigation? If yes, a surcharge w Y Yes X No met on the requested analysis | rill apply Yes XNo | Samples on: ICE IBLUE ICE Preserved in: LAB FIELD Lab Notes Client Comments: | NO ICE °C LTG# |
|---|--|---|---|----------------------------------|
| Project Name/Number | | ector's Name | | |
| JGUU517.01 Results Requested Standard 1-2 Day (100% Surcharge) Other 3 Day (50% Surcharge) | | # and Type of Containers # and Type of Containers HCL H2SO4 HNO3 UNPRES | DW - Lead E200.8 Groundwater Special Waste Sludge Soil Drinking Water Aqueous | |
| Lab Use Only Sample Identification | Date/Time Sampled | | E200.8 Water Waste ge I I Vater | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | 1/12/24 3:54 3:56 3:56 3:57 3:58 24:00 4:00 | Date/Time | Received By Received By Received By Received By Received By | $\frac{Date/Time}{1/19/24} 1012$ |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| | Geotechnology, L | | | 0 | | | ſ | | 🕅 BLU | | | | · | °c | | | | | | | |
|-------------------|--|--------------------|------------|------------|--------|-----------------|--------------|---------------------------|-------|--------|-------------|--------|----------|-------|---------|--|--------|--------|---|----------------|--|
| Client: | 11816 Lackland F | | | | | | | | | | | | | | | - | | - | | ¥ | |
| Address: | | | | | | | | 1 | | | in: | | 3 📓 FIEL | D | | FOR | LABU | ISE ON | LY | | |
| City / State | | | | | | | | Lal | o No | otes | | | | | | | | | | | |
| Contact: | Brad Lohrum | | Phone: | (31 | 4) 997 | -7440 | | | | | | | | | | | | | | | |
| E-Mail: | blohrum@teamues.com | | Fax: | | | | | Clie | nt C | Comi | mer | ts: | | | | · · · | | | Ali ini ang ang ang ang ang ang ang ang ang ang | | and the second second second second second second second second second second second second second second second |
| | es known to be involved in li es known to be hazardous? | | | ill apply | | Yes 🎽 | No | | | | | | | | | | | | | | |
| Are there any req | uired reporting limits to be nent section. Yes | met on the request | | ?. If yes, | pleas | e provide | | | | | | | | | | | | | | | |
| | Name/Number | | nple Colle | ector's | Nam | ie | | | MA | IRIX | | | | INDIC | | NALYS | SIS RE | QUEST | ED | den terreseren | MA |
| لامل _ | 4517.01 | Brad | Loh | IVUV | n | | | p | | Ľ | 0 0 | n N | | | | | | | | | |
| Standard | s Requested 1-2 Day (100% Surcharge) | Billing Instru | ictions | # and T | ype of | Contain | ers | Aqu | S | Slu | | - Lead | | | | | | | | | |
| Other | 3 Day (50% Surcharge) | | | HNO3 | H2SO4 | MeOH HCL | ers OTHER | Drinking Water Aqueous | Soil | Sludge | Groundwater | ad E2 | | | | | | | | | |
| Lab Use Only | Sample Identification | Date/Time S | ampled | r 🛛 ¬ | 4 | ' 1 2 | R | ler | | ä | 3 a | E200,8 | | | | | | | | | |
| 24019121- | OMS - 27 | 1/12/24 | 1.02 | | | | | X | | | | X | | | | | | | | | |
| 032 | 0M5-28 | | 4.03 | | | | | | | | | X | | | | | | | | | |
| 033 | 29 | | F | | | | | <u> </u> | | | | X | | | | | | | | | |
| 031 | 30 | L | F.04 | | | | | X | | | | X | | | | | | | | | |
| 035 | 31 | | | | | | | X | | | | _ЦД | | | | | | | | | |
| 036 | 32 | 4 | :07 | | | | | <u> </u> | | | | X | | | | | | | | | |
| 037 | 33 | | | | | | | <u> </u> | | | | X | | | | | | | | | |
| 028 | 34 | | - | | | | | | | | | X | | | | | | | | | |
| 039 | 35 | 1 | 1:09 | | | | | X | | | | X | | | | | | | | | |
| 040 | 30 | | +- | | | | | X | | | | X | | | | | | | | | |
| | Relinguished By | | | 'Date/T | ime | | | 17.3 | | | R | eçejv | ed By | | | | | Date/T | me | | |
| Birly | Ann, | | (/(B/Z | 4 | | | | | R | -1 | | 61) | | | | 1/ | 18 | 124 | / | | |
| | Ralf | | 1/191 | 24 | 12 | 0:00 | | | | | | 1 | hill | Ro | ed l | 1/ | 119/2 | 1.1 | 10, | 17 | |
| | -0.1- | | | - 1 | | ***** | | | | | | | <u> </u> | | <u></u> | ······································ | | -/ | | <u> </u> | |
| | | | | | | | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

pg. 2.7 of 74 Work order # 24011314



pg. 23 of 74 Work order # 24011314

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechnology, I | LLC | | Samples on: 📓 ICE | BLUE ICE 📓 NO ICI | E °C LTG# |
|--|---|--------------------------------|--|---|-------------------|-------------------|
| Address: | 11816 Lackland | Road | | Preserved in: M LAB | | FOR LAB USE ONLY |
| City / State | / Zip St. Louis, MO 63 | 3146 | | Lab Notes | | |
| Contact: | Brad Lohrum | Phon | e. (314) 997-7440 | Lab notes | | |
| E-Mail: | blohrum@teamues.com | Fax: | ··· | | | |
| | | | | Client Comments: | | |
| | is known to be involved in I is known to be hazardous? | itigation? If yes, a surcharge | will apply 🗌 Yes 🕱 No | | | |
| Are there any req | uired reporting limits to be | met on the requested analys | sis?. If yes, please provide | | | |
| | nent section. 🗍 Yes 🖇 | | | | | |
| 1 | Name/Number | | llector's Name | MATRIX | | NALYSIS REQUESTED |
| 1406 | 4517.01 | Brod La | NUM | Dri Sp ତ DV | | |
| Standard | s Requested | Billing Instructions | # and Type of Containers NaHSO4 HCL NaOH HNO3 | DW - Lead E200.8 Groundwater Special Waste Sludge Soil Drinking Water Aqueous | | |
| Other | 3 Day (50% Surcharge) | | | - Lead E2 oundwa ecial Wa Sludge Sludge Soil Soil Nking W Aqueous | | |
| | | | OTHER NaHSO4 MeOH HCL H2SO4 H2SO4 HN03 UNPRES | E200.8 water Waste ge ge l Vater Water Dus | | |
| Lab Use Only | Sample Identification | Date/Time Sampled | | | | |
| 2401,314 | OMS-37 | 1/12/24 4:10 | | | | |
| nn | 0M5-38 | | | | | |
| 043 | LMS-01 | 4:27 | | | | |
| CYY | LMS-02 | 4.25 | | | | |
| 045 | 1 03 | | | | | |
| 046 | 04 | | | | | |
| nun | | | | | | |
| n an an an an an an an an an an an an an | (/3 | | | | | |
| DUR | 06 | | | | | |
| 049 | 0-1 | 11-7 | | | | |
| 060 | Relinguished By | 4.9 | Date/Time | Receive | d By | Date/Time |
| P. DAA | A | . 1/18/2 | 1 | | d by | |
| praying | A A // | | | - je yo | rich Keld | 1/10/24 |
| | <u> </u> | 7 1119 | 12× 10:00 | | ver Kell | 1/19/24 10/2 |
| | <i>v</i> | <u> </u> | | · · · · · · · · · · · · · · · · · · · | | <u></u> |
| | | 1 | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | lient Geotechnology, LLC | | | | | | | | | | | | | : 🔯 |] ICE | | BLUE | ICE | 🏽 N | DICE | | | | °c | LTC | <i>;</i> # | ŝ |
|-------------------|---|---------------------|---------------|----------|-------------|-------|----------|-------|---------|----------|-------------------------|------|---|-------------|----------------------|-------|------|------------|-----|------|---|-------|-------|----------|------------------|------------|------------|
| Address: | 11816 Lackland F | load | | | | | | | | | | | | | | | | | | | | LAB | US | | ILY | | ******* |
| City / State | / Zin St. Louis, MO 63 | 146 | | | | | | | | | abl | | | | | | | | | | | | | | | | 1 |
| Contact: | Brad Lohrum | | Phone | : | (314 |) 997 | -7440 |) | | [| | | | | | | | | | | | | | | | | a sana ang |
| E-Mail: | blohrum@teamues.com | | Fax: | • | _ | | | | | | ion | Cr | mm | onf | c. | | | | | . Xe | A + | | | - | | | |
| Are these sample | s known to be involved in li | tigation? If yes | a surcharne s | uill ar | nhv | П | Yes | X | No | Ĩ | 1011 | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | CIA | | | | | | | | | | | | | |
| | s known to be hazardous? | | | nun cış | shià | لسا | 103 | | | | | | | | | | | | | | | | | | | | |
| Are there any req | uired reporting limits to be r nent section. 🏾 Yes 🌶 | net on the reque | sted analysi | s?. If | yes, | pleas | e prov | vide | | | | | | | | | | | | | | | | | | | |
| | | | | 4 . | | NF | | | | | LA | A 77 | | | T | | | | 047 | - 41 | AL V | SIS R | | 150 | ren | | |
| - | Name/Number | | mple Col | | | | ıe | | ŀ | <u> </u> | | ATF | | T | <u> </u> | | | יועאו | | | ALT | 313 8 | EQ. | | | | [|
| | 1517.01 | Bra | d Loh | | | | | | | | S | | Sb | ရှ | DW | | | | | | | | | | | | |
| Standard | s Requested 1-2 Day (100% Surcharge) | Billing Inst | ructions | | ł | | f Con | taine | rs | Agu | 돍 | Sind | ecia | Groundwater | Lead | | | | | | | | | | | | |
| Other | 3 Day (50% Surcharge) | | | SZ : | I Z | HN | _ ≋ | Nat | 잌 | | ina M | | N N | N. | а П | | | | ľ | | | | | | | | |
| | | | | PRES | <u>5</u>]2 | H2SO4 | HCL MeOH | ISO4 | 5 OTHER | 5 S | Drinking Water | | Special Waste | ater | E200. | | | | | | | | | | | | |
| Lab Use Only | Sample Identification | Date/Time | Sampled | | | | | | | - 1 | ≒ | | 1. | | ά | | 1 | <u> </u> | | | | | I | 1 | | | |
| 24011385 | LMS - 09 | 1/12/24 | 4:31 | | | | | | | | <u>X</u> | | | | X | | | | | | | | | | | | |
| 052 | LMG-10 | l d | 4:32 | | | | | | | | \leq | | | | X | | | | | | | | | | | | |
| 053 | | | + | | | | | | | | $\langle $ | | | | X | | | | | | | | | | 00-860000-000-00 | | |
| 654 | 12 | | 4:33 | | | | | | | | X | | | | X | | | | | | | | | | | | |
| 055 | 13 | | 4 | | | | | | |) | | | | | X | | | | | | | | | | | | |
| JEO | 14 | | 4.24 | | | | | - | | | $\overline{\mathbf{X}}$ | | | | X | | | | | | | | | | | | |
| 057 | 15 | | 1 | | | | | | | | $\overline{\chi}$ | | | | \overrightarrow{V} | | | | | | | | | | | | |
| 150 | 16 | | 1:35 | | | | | | | | \mathbf{T} | | | | | | | | | | | | | | | | - |
| | 10 | | 1.50 | | | | | | | | 3- | | | - | \Rightarrow | | | | | | | | | | | | |
| 059 | | | 7 | | | | | | _ | | X- | | - | | \ominus | | | | | | | | | | | | |
| OLW | Relinguished By | | 1.51 | <u></u> | te/T | imo | | | _ | | X. | | | De | | ed By | | | | _ | | | |)ate/1 | Time | | |
| Z.VOul | | | VICIA | <u>ਮ</u> | | IIIC | | | | | Ø | ~ | | T. | <u>/</u>) | u by | | | | | | 118 | | , | / | | |
| - men ver | RADO | | 1010 | 10 | 11 | 11 | DI B | 2 | | | <u></u> | Y | - 1 | H | n | il | | The second | 20. | r+ | 4 | 10 | 1 | <u>.</u> | | りて | |
| | | | u 17 | ΓD | 4 | 10 | متشر | | + | | | | | | m | in | | U | w | | k | 117 | (/ * | -7_ | | 10 | |
| | ` | | | | | | | | + | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | \top | | | | | | | | | | | - | • | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

pg. 24 of 74 Work order # 24011314





http://www.teklabinc.com/

March 28, 2024

Brad Lohrum Geotechnology, Inc. 11816 Lackland Road St. Louis, MO 63146 TEL: (314) 997-7440 FAX: (314) 997-2067

RE: J044517.01



WorkOrder: 24030694

Dear Brad Lohrum:

TEKLAB, INC received 60 samples on 3/8/2024 4:11:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Shelly A Hennessy

Shelly A. Hennessy Project Manager (618)344-1004 ex 36 SHennessy@teklabinc.com



Report Contents

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24030694 Report Date: 28-Mar-24

This reporting package includes the following:

| Course Lotter | 4 |
|----------------------|----------|
| Cover Letter | 1 |
| Report Contents | 2 |
| Definitions | 3 |
| Case Narrative | 5 |
| Accreditations | 6 |
| Laboratory Results | 7 |
| Receiving Check List | 9 |
| Chain of Custody | Appended |



Definitions

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24030694

Report Date: 28-Mar-24

Abbr Definition

- * Analytes on report marked with an asterisk are not NELAP accredited
- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
- DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
- DNI Did not ignite
- DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- NC Data is not acceptable for compliance purposes
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
 - PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
 - RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
 - RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
 - SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
 - Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
 - TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
- TNTC Too numerous to count (> 200 CFU)



Definitions

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24030694

Report Date: 28-Mar-24

Qualifiers

- # Unknown hydrocarbon
- C RL shown is a Client Requested Quantitation Limit
- H Holding times exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
 - S Spike Recovery outside recovery limits
 - X Value exceeds Maximum Contaminant Level

- B Analyte detected in associated Method Blank
- E Value above quantitation range
- I Associated internal standard was outside method criteria
- M Manual Integration used to determine area response
- R RPD outside accepted recovery limits
- T TIC(Tentatively identified compound)



Case Narrative

http://www.teklabinc.com/

Work Order: 24030694 Report Date: 28-Mar-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Cooler Receipt Temp: N/A °C

| | | | Locations | | | |
|--------------|-----------------------------|---------|----------------------------|---------|-----------------------|--|
| Collinsville | | | Springfield | | Kansas City | |
| Address | 5445 Horseshoe Lake Road | Address | 3920 Pintail Dr | Address | 8421 Nieman Road | |
| | Collinsville, IL 62234-7425 | | Springfield, IL 62711-9415 | | Lenexa, KS 66214 | |
| Phone | (618) 344-1004 | Phone | (217) 698-1004 | Phone | (913) 541-1998 | |
| Fax | (618) 344-1005 | Fax | (217) 698-1005 | Fax | (913) 541-1998 | |
| Email | jhriley@teklabinc.com | Email | KKlostermann@teklabinc.com | Email | jhriley@teklabinc.com | |
| | Collinsville Air | | Chicago | | | |
| Address | 5445 Horseshoe Lake Road | Address | 1319 Butterfield Rd. | | | |
| | Collinsville, IL 62234-7425 | | Downers Grove, IL 60515 | | | |
| Phone | (618) 344-1004 | Phone | (630) 324-6855 | | | |
| Fax | (618) 344-1005 | Fax | | | | |
| Email | EHurley@teklabinc.com | Email | arenner@teklabinc.com | | | |



Accreditations

http://www.teklabinc.com/

Work Order: 24030694 Report Date: 28-Mar-24

Client: Geotechnology, Inc.

Client Project: J044517.01

| State | Dept | Cert # | NELAP | Exp Date | Lab |
|-----------|------|--------------|-------------------------|-----------|--------------|
| Illinois | IEPA | 100226 | NELAP | 1/31/2025 | Collinsville |
| Illinois | IEPA | 1004652024-2 | NELAP | 4/30/2025 | Collinsville |
| Kansas | KDHE | E-10374 | NELAP | 4/30/2024 | Collinsville |
| Louisiana | LDEQ | 05002 | NELAP | 6/30/2024 | Collinsville |
| Louisiana | LDEQ | 05003 | NELAP | 6/30/2024 | Collinsville |
| Oklahoma | ODEQ | 9978 | NELAP | 8/31/2024 | Collinsville |
| Arkansas | ADEQ | 88-0966 | | 3/14/2024 | Collinsville |
| Illinois | IDPH | 17584 | | 5/31/2025 | Collinsville |
| Iowa | IDNR | 430 | | 6/1/2024 | Collinsville |
| Kentucky | UST | 0073 | | 1/31/2025 | Collinsville |
| Missouri | MDNR | 00930 | 10/31/2026 Collinsville | | Collinsville |
| Missouri | MDNR | 930 | 1/31/2025 Collinsville | | Collinsville |
| | | | | | |



Laboratory Results

http://www.teklabinc.com/

Work Order: 24030694

Report Date: 28-Mar-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Matrix: DRINKING WATER

| EPA 600 4.1.4, Lead 24030694-001A 24030694-002A 24030694-003A 24030694-005A 24030694-006A 24030694-007A 24030694-008A 24030694-008A | SMS-05 | NELAP NELAP NELAP NELAP NELAP NELAP | 1.0 1.0 1.0 1.0 | < 1.0 1.9 | μg/L μg/L | 1 | 03/27/2024 11:59 | 03/06/2024 3:32 |
|--|---|--|--------------------------|--------------|--------------|---|------------------|-----------------|
| 24030694-001A 24030694-002A 24030694-003A 24030694-005A 24030694-005A 24030694-006A 24030694-007A 24030694-008A | CACC-16 JMS-05 JMS-44 JMS-48 JMS-49 BHS-01 | NELAP NELAP NELAP NELAP | 1.0 1.0 | 1.9 | | | 03/27/2024 11:59 | 03/06/2024 3:32 |
| 24030694-002A 24030694-003A 24030694-004A 24030694-005A 24030694-006A 24030694-007A 24030694-008A | CACC-16 JMS-05 JMS-44 JMS-48 JMS-49 BHS-01 | NELAP NELAP NELAP NELAP | 1.0 1.0 | 1.9 | | | 03/27/2024 11:59 | 03/06/2024 3:32 |
| 24030694-003A 24030694-004A 24030694-005A 24030694-006A 24030694-007A 24030694-008A | JMS-05 JMS-44 JMS-48 JMS-49 BHS-01 | NELAP NELAP NELAP | 1.0 | | | | | |
| 24030694-004A 24030694-005A 24030694-006A 24030694-007A 24030694-008A | JMS-44 JMS-48 JMS-49 BHS-01 | NELAP NELAP | | · • | | 1 | 03/27/2024 12:03 | 03/06/2024 3:52 |
| 24030694-005A 24030694-006A 24030694-007A 24030694-008A | JMS-48 JMS-49 BHS-01 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 03/27/2024 12:06 | 03/06/2024 4:12 |
| 24030694-006A 24030694-007A 24030694-008A | JMS-49 BHS-01 | | , | < 1.0 | µg/L | 1 | 03/19/2024 9:52 | 03/06/2024 4:16 |
| 24030694-007A 24030694-008A | BHS-01 | | 1.0 | 1.7 | µg/L | 1 | 03/19/2024 9:56 | 03/06/2024 4:18 |
| 24030694-008A | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 03/19/2024 9:59 | 03/06/2024 4:20 |
| | BHS-02 | NELAP | 1.0 | 3.8 | µg/L | 1 | 03/19/2024 10:03 | 03/06/2024 4:46 |
| 24030694-009A | 0110 02 | NELAP | 1.0 | 1.2 | µg/L | 1 | 03/19/2024 10:07 | 03/06/2024 4:48 |
| | BHS-03 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 03/19/2024 10:18 | 03/06/2024 4:51 |
| 24030694-010A | BHS-04 | NELAP | 1.0 | 1.2 | µg/L | 1 | 03/21/2024 14:06 | 03/06/2024 4:55 |
| 24030694-011A | | NELAP | 1.0 | 1.2 | µg/L | 1 | 03/19/2024 10:28 | 03/06/2024 5:00 |
| 24030694-012A | BHS-06 | NELAP | 1.0 | 1.4 | µg/L | 1 | 03/19/2024 10:59 | 03/06/2024 5:00 |
| 24030694-013A | BHS-07 | NELAP | 1.0 | 11.4 | µg/L | 1 | 03/19/2024 11:03 | 03/06/2024 5:06 |
| 24030694-014A | BHS-08 | NELAP | 1.0 | 5.0 | µg/L | 1 | 03/19/2024 11:08 | 03/06/2024 5:10 |
| 24030694-015A | BHS-09 | NELAP | 1.0 | 3.8 | µg/L | 1 | 03/19/2024 11:11 | 03/06/2024 5:12 |
| 24030694-016A | BHS-10 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 03/19/2024 11:16 | 03/06/2024 5:15 |
| 24030694-017A | BHS-11 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 03/19/2024 11:19 | 03/06/2024 5:15 |
| 24030694-018A | BHS-12 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 03/19/2024 11:23 | 03/06/2024 5:15 |
| 24030694-019A | BHS-13 | NELAP | 1.0 | 5.0 | µg/L | 1 | 03/19/2024 11:34 | 03/06/2024 5:17 |
| 24030694-020A | BHS-14 | NELAP | 1.0 | 13.1 | µg/L | 1 | 03/19/2024 11:49 | 03/06/2024 5:17 |
| 24030694-021A | BHS-15 | NELAP | 1.0 | 9.9 | µg/L | 1 | 03/19/2024 11:52 | 03/06/2024 5:17 |
| 24030694-022A | BHS-16 | NELAP | 1.0 | 14.4 | µg/L | 1 | 03/19/2024 11:56 | 03/06/2024 5:17 |
| 24030694-023A | BHS-17 | NELAP | 1.0 | 25.9 | µg/L | 1 | 03/19/2024 12:00 | 03/06/2024 5:17 |
| 24030694-024A | BHS-18 | NELAP | 1.0 | 5.2 | µg/L | 1 | 03/19/2024 12:03 | 03/06/2024 5:20 |
| 24030694-025A | BHS-19 | NELAP | 1.0 | 9.4 | µg/L | 1 | 03/21/2024 14:10 | 03/06/2024 5:20 |
| 24030694-026A | BHS-20 | NELAP | 1.0 | 17.1 | µg/L | 1 | 03/19/2024 12:11 | 03/06/2024 5:20 |
| 24030694-027A | BHS-21 | NELAP | 1.0 | 16.4 | µg/L | 1 | 03/19/2024 12:14 | 03/06/2024 5:20 |
| 24030694-028A | BHS-22 | NELAP | 1.0 | 14.6 | µg/L | 1 | 03/21/2024 14:13 | 03/06/2024 5:20 |
| 24030694-029A | BHS-23 | NELAP | 1.0 | 26.8 | µg/L | 1 | 03/19/2024 12:40 | 03/06/2024 5:20 |
| 24030694-030A | BHS-24 | NELAP | 1.0 | 8.1 | µg/L | 1 | 03/19/2024 12:44 | 03/06/2024 5:20 |
| 24030694-031A | BHS-25 | NELAP | 1.0 | 3.5 | µg/L | 1 | 03/19/2024 12:47 | 03/06/2024 5:25 |
| 24030694-032A | BHS-26 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 03/19/2024 12:51 | 03/06/2024 5:25 |
| 24030694-033A | | NELAP | 1.0 | 6.5 | µg/L | 1 | 03/19/2024 12:55 | 03/06/2024 5:27 |
| 24030694-034A | BHS-28 | NELAP | 1.0 | 9.3 | µg/L | 1 | 03/19/2024 12:58 | 03/06/2024 5:27 |
| 24030694-035A | | NELAP | 1.0 | 7.3 | µg/L | 1 | 03/19/2024 13:02 | 03/06/2024 5:27 |
| 24030694-036A | | NELAP | 1.0 | 8.1 | µg/L | 1 | 03/19/2024 13:06 | 03/06/2024 5:27 |
| 24030694-037A | | NELAP | 1.0 | 9.3 | µg/L | 1 | 03/19/2024 13:09 | 03/06/2024 5:27 |
| 24030694-038A | | NELAP | 1.0 | 5.7 | µg/L | 1 | 03/19/2024 13:24 | 03/06/2024 5:27 |
| 24030694-039A | | NELAP | 1.0 | 12.5 | µg/L | 1 | 03/19/2024 13:35 | 03/06/2024 5:27 |
| 24030694-040A | | NELAP | 1.0 | 24.1 | µg/L | 1 | 03/19/2024 13:39 | 03/06/2024 5:27 |
| 24030694-041A | | NELAP | 1.0 | 1.2 | µg/L | 1 | 03/19/2024 13:42 | 03/06/2024 5:33 |
| 24030694-042A | | NELAP | 1.0 | 1.0 | µg/L | 1 | 03/19/2024 13:46 | 03/06/2024 5:33 |
| 24030694-043A | | NELAP | 1.0 | 6.6 | µg/L | 1 | 03/19/2024 13:50 | 03/06/2024 5:35 |
| 24030694-044A | | NELAP | 1.0 | 5.1 | µg/L | 1 | 03/23/2024 3:48 | 03/06/2024 5:35 |
| 24030694-045A | | NELAP | 1.0 | 5.8 | µg/L | 1 | 03/19/2024 17:48 | 03/06/2024 5:35 |
| 24030694-046A | | NELAP | 1.0 | 6.0 | µg/L | 1 | 03/19/2024 17:51 | 03/06/2024 5:35 |
| 24030694-047A | | NELAP | 1.0 | 4.5 | µg/L | 1 | 03/19/2024 17:55 | 03/06/2024 5:35 |
| 24030694-047A | | NELAP | 1.0 | 4.5 5.9 | µg/L | 1 | 03/19/2024 18:10 | 03/06/2024 5:35 |





Laboratory Results

http://www.teklabinc.com/

Work Order: 24030694

Report Date: 28-Mar-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Matrix: DRINKING WATER

| Sample ID | Client Sample ID | Certification Qual | RL | Result | Units | DF | Date Analyzed | Date Collected |
|-----------------------|---------------------|---------------------|-----|--------|-------|----|------------------|-----------------|
| EPA 600 4.1.4 Lead | 4, 200.8 R5.4, META | LS BY ICPMS (TOTAL) | I | | | | | |
| 24030694-049 | A BHS-43 | NELAP | 1.0 | 4.6 | µg/L | 1 | 03/19/2024 18:21 | 03/06/2024 5:35 |
| 24030694-050 | A BHS-44 | NELAP | 1.0 | 5.7 | µg/L | 1 | 03/19/2024 18:24 | 03/06/2024 5:35 |
| 24030694-051 | A BHS-45 | NELAP | 1.0 | 5.3 | µg/L | 1 | 03/19/2024 18:28 | 03/06/2024 5:42 |
| 24030694-052 | A BHS-46 | NELAP | 1.0 | 9.2 | µg/L | 1 | 03/19/2024 18:32 | 03/06/2024 5:43 |
| 24030694-053 | A BHS-47 | NELAP | 1.0 | 8.3 | µg/L | 1 | 03/19/2024 18:35 | 03/06/2024 5:43 |
| 24030694-054 | A BHS-48 | NELAP | 1.0 | 5.7 | µg/L | 1 | 03/19/2024 18:39 | 03/06/2024 5:43 |
| 24030694-055 | A BHS-49 | NELAP | 1.0 | 9.6 | µg/L | 1 | 03/19/2024 18:43 | 03/06/2024 5:43 |
| 24030694-056 | A BHS-50 | NELAP | 1.0 | 7.3 | µg/L | 1 | 03/19/2024 18:57 | 03/06/2024 5:43 |
| 24030694-057 | A BHS-51 | NELAP | 1.0 | 4.7 | µg/L | 1 | 03/19/2024 19:01 | 03/06/2024 5:43 |
| 24030694-058 | A BHS-52 | NELAP | 1.0 | 10.6 | µg/L | 1 | 03/21/2024 14:35 | 03/06/2024 5:43 |
| 24030694-059 | A BHS-53 | NELAP | 1.0 | 9.2 | µg/L | 1 | 03/21/2024 14:46 | 03/06/2024 5:43 |
| 24030694-060 | A BHS-54 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 03/19/2024 19:19 | 03/06/2024 5:48 |



Receiving Check List

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24030694 Report Date: 28-Mar-24

| Carrier: John Duarte Completed by: On: 08-Mar-24 Nick Reed |] | eceived By: WAG Reviewed by: On: 1-Mar-24 I | D FILLO Hopk Ellie Hopkins | uno |
|--|----------------------------|---|----------------------------------|-------------|
| Pages to follow: Chain of custody 6 Shipping container/cooler in good condition? | Extra pages inclu Yes 🔽 | No 🗌 | Not Present | Temp °C N∕A |
| Type of thermal preservation? Chain of custody present? | None 🗌 Yes 🗹 | Ice ⊻ No □ | Blue Ice | Dry Ice |
| Chain of custody signed when relinquished and received? | Yes 🔽 | No 🗌 | | |
| Chain of custody agrees with sample labels? | Yes 🗸 | No 🗌 | | |
| Samples in proper container/bottle? | Yes 🔽 | No 🗌 | | |
| Sample containers intact? | Yes 🖌 | No 🗌 | | |
| Sufficient sample volume for indicated test? | Yes 🗹 | No 🗌 | | |
| All samples received within holding time? | Yes 🗹 | No 🗌 | | |
| Reported field parameters measured: | Field | Lab | NA 🔽 | |
| Container/Temp Blank temperature in compliance? | Yes 🗹 | No 🗌 | | |
| When thermal preservation is required, samples are complian 0.1°C - 6.0°C, or when samples are received on ice the same | | | | |
| Water – at least one vial per sample has zero headspace? | Yes | No | No VOA vials 🖌 | |
| Water - TOX containers have zero headspace? | Yes | No | No TOX containers | |
| Water - pH acceptable upon receipt? | Yes 🗹 | No 🗌 | NA 🗌 | |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes | No 🗌 | NA 🗹 | |
| Any No responses n | nust be detailed | below or on the | coc. | |

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - ehopkins - 3/11/2024 9:56:33 AM

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Are these sample Are there any rec | Brad Lo blohrun es known es known quired rep | Geotechnology, L 11816 Lackland F St. Louis, MO 63 ohrum @teamues.com to be involved in I to be hazardous? orting limits to be ion. Yes | Road 146 tigation? If yes, Yes X met on the requ | No | will a | apply | | Yes | | No | P | amp rese ab N ient | erve lote | d in s | | LAB | I BLU | | ¥ ^ب | | <u>FOR</u> | | | - | | | | * |
|---------------------------------------|--|---|--|-----------|--------|--------|-------|-----|--------|-------|---------|-----------------------------|--------------|---------------|--------------|-------------|-------|-----|----------------|------|------------|-------|----------|--------|----------------|---------------------|---|---------|
| Project | Name/ | Number | S | ample Co | llect | tor's | Nam | ie | | | đ | M | ١TR | IX | | | | IND | | E AN | IALY | SIS R | EQU | EST | ED | | | |
| JO | 44517 | .01 | - | Brad L | ohr | um | | | | | 1 | | | Sp | ଦ୍ର | DW - | | | | | | | | | | | | |
| Resul | ts Req | lested | Billing Ins | tructions | # : | and Ty | /peo | | | s | Aqu | inkin v | , slu |)ecia | roun | - Lea | | | | | | | | | | | | |
| Standard [| | (100% Surcharge) y (50% Surcharge) | | | UNPRES | HNO3 | H2SO4 | HCL | NaHSO4 | OTHER | Aqueous | ing Wa | Sludge | Special Waste | Groundwater | Lead E200.8 | | | | | | | | | | | | |
| Lab Use Only | Sam | ple Identification | Date/Time | e Sampled | Ĩ | ŭΙ | ¥ | Ē | 2 | ER | | ter | | te | er | 00.8 | | | | | | | | | | | | |
| 1030694-00 | Sr | 15-05 | 3/6/24 | 3:32 | 1 | | | | | | | X | | | | Х | | | | | | _ | | | | | _ | |
| -067 | CA | 2C-16 | and the second s | 3:52 | 1 | | | | | | | X | | | | Х | | | | | | | | | | | | |
| -00 3 | 1L I | 15-05 | | 4:12 | 1 | | | | | | | X | | | L | Х | | | | | _ | | <u> </u> | | | | _ | _ |
| -064 | | - 44 | | 4:16 | 1 | | | | | | | X | | | <u> </u> | Х | | | | | | _ | | | | | | |
| - 005 | - | 48 | | 4:18 | 1 | | | | | | | <u>X</u> | | <u> </u> | | Х | | | | | | | <u> </u> | | | | | _ |
| - 006 | | - 49 | | 4:20 | 1 | | | | | | | X | 1 | <u> </u> | | Х | | | | | | | ļ | | | | + | _ |
| ~007 | BH | 5 01 | | 4:46 | 1 | | | | | | | X | | | | Х | | | | | | | | | | 1911-1911-1911-1911 | | - |
| -008 | 8 | 02 | | 4:48 | 1 | | | | _ | | | X | | _ | | Х | | | | | | | | | | _ | | 1,0,000 |
| -000 | | 03 | | 4:51 | 1 | | _ | | | | | X | | | | X | | | | | | | | | | | | |
| -014 | 1-+ | - 04 | | 4:55 | 1 | | | | | | | X | | 1 | De | X | ed By | | | | | | | ate/11 | me | | | - |
| 17 | Reli | quished By | | 3/8/ | 24 |)ate/T | | 50 |) | | V | Ŵ | ı 1 | AL. | Re | | ец Бу | | | | 2/\$ | 2/20 | 1 | 1.0 | $\overline{)}$ | | | - |
| Jaw J | 1 And | 7 | | 3/8/ | 24 | Ϊ. | 6 V | | | | | 1 | h | <u>N</u> | <u>/// 2</u> | -j(| لسعل | L | | | 3 | 181 | 2 | } | 1Lo | 11 | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

pg. 1 of 23 Work order # 24630.94



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Contact: E-Mail: Are these samples Are these samples Are there any requiring the comm | ent section. | oad 46 Phon Fax: igation? If yes, a surcharge ☐ Yes X No net on the requested analys No | e will apply 🗌 Yes 🛛 No sis?. If yes, please provide | Preserved in: 🕅 L Lab Notes Client Comments: | | CE °C LTG# FOR LAB USE ONLY |
|---|---|--|--|--|---------------------------------------|--|
| - | Name/Number 4517.01 | - | ollector's Name | | | |
| X Standard | s Requested 1-2 Day (100% Surcharge) | Billing Instructions | # and Type of Containers Want H2SO4 UNPRES # and Type of Containers OTHER NaHSO4 H2SO4 | Slud Solution | / - Lead E200.8 | |
| Lab Use Only | Sample Identification | Date/Time Sampled | | ter | 0.8 | |
| 4030694-001 -012 -013 -014 -015 -016 -017 | 06 07 08 09 10 11 | 3/6/24 5:00 5:06 5:10 5:17 5:15 | 1 | | X | Image: state |
| -018 -019 To20 Randle Jorth D | (2 13 14 Relinguished By | 5:17 5:17 3/8 3/8/ | 1 1 Date/Time 124 1350 24 1611 | X | × × × × × × × × × × × × × × × × × × × | Date/Time 318/24 1350 318/24 16/1 |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

pg. Z of 23 Work order # 2403004



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechnology, Ll | | | | | | | | | | | | | | ICE | | E 🕅 NG | | | | _ °C | | LTG# _ | | |
|--------------------|--|---|--|--------|------------|------------|------|--------|---------------|----------------|------|------|-------|-------------|-----------|-------|---------|---|------|-------------|-------|----------|--------|---|--|
| Address: | 11816 Lackland R | | | | | | | | | | | | | æ | LAB | Field | | ī | | <u>AB</u> L | JSE (| JNL | _ | | |
| City / State | / Zip St. Louis, MO 63 Brad Lohrum | 40 | | | (31/ |) 997- | 7440 | | | Lai | b No | otes | 5 | | | | | | | | | | | | |
| Contact: | blohrum@teamues.com | | Phone | | (514 |) 551- | | | | | | | | | | | | | | | | | | | |
| E-Mail: | Diolatin@leandes.com | | Fax: | | | | | | - (| Clie | nt C | om | me | ents | | | | | | | | | | | |
| Are these samples | s known to be involved in lit s known to be hazardous? iired reporting limits to be n | Yes 🛛 N | No | | | lease | | X I | No | | | | | | | | | | | | | | | | |
| limits in the comm | ent section. Yes | No | mple Col | | | | | | | 1 | MAT | PI | | | | | DICATI | | | IS RE | | STE | n | | |
| - | 4517.01 | Ja | Brad Lo | | | 16110 | 5 | | ┝ | Т | | | 1 | | Q | | | | | | | | | T | |
| | s Requested | Billing Inst | | | | pe of | Cont | ainer | s Þ | Drinking Water | Soil | 5 | Spec | Groundwater | DW - Lead | | | | | | | | | | |
| X Standard | 1-2 Day (100% Surcharge) | pining insu | | | | 1 | | | Aqueous | ling | Soi | lud | ial \ | und | .ead | | | | | | | | | | |
| Other | 3 Day (50% Surcharge) | | | UNPRES | NaO | l ssi | | NaHSO4 | eous OTHER | Wa | | ge | Was | wate | E200.8 | | | | | | | | | | |
| Lab Use Only | Sample Identification | Date/Time | Sampled | ES 6 | " | 4 | T | ¥ | 7 | ter | | | ਰਿੰ | e, |)0.8 | | | | | | | | | | |
| 4030694-001 | BHS 15 | 3/6/24 | 5:17 | 1 | | | | | | X | | | | | Χ. | | | | | | | | | | |
| -022 | to a construction of the second s | | The second secon | 1 | | | | | | X | | | | | X | | | | | | | | | | |
| -023 | 17 | | And the second s | 1 | | | | | | X | | | | | Х | | | | | | | | | | |
| -024 | 18 | 10-2010 | 6:20 | 1 | | | | | | X | | | | | X | | | | | | | | | | |
| ~025 | 19 | | 6 de constante da const | 1 | | | | | | X | | | | | X | | | | | | | | | | |
| -mi | 20 | | | 1 | | | | | | X | | | | | X | | | | | | | | | | |
| -027 | 21 | | Concernence of the second | 1 | | | | | | X | | | | | X | | | | | | | | | | |
| -025 | 22 | | | 1 | | | | | | X | | | | | Х | | | | | | | | | | |
| -029 | 23 | The second | | 1 | | | | | | X | | | | | X | | | | | | | | | | |
| -030 | - 24 | | - | 1 | | | | | | X | | | | | X | | | | | | | | | | |
| | Relinguished By | | | Da | te/Ti | me | | | | -4 | 7 | | Ą | Re | ceivy | ed By | | | | | | e/Tim | | | |
| Bychey | pro- | | 3/8/ | 24 | | 351 | 0 | | | (fø | li | | 20 | Ka A | Щ | / | | * | 3491 | 124 | l | 35 |) | | |
| 1/Alla/ R | SMALU | | 3/8/ | 24 | <u>(</u> } | <u>s (</u> | | | | L | L | م | L | 5 | Ê | Linn | <u></u> | | 3/2 | 3[Z | 25 | Ω | oll | | |
| <i>y y y -</i> | | | • | | | | | | | | | | | |] | | • | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

pg. 3 of 23 Work order # 24030094



pg. 4 of 23 Work order # 24030 94

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechn | ology, LLC | | | | | | T | San | nple | s on: | | ICE | 🐻 BLUE ICE 📓 NO IO | CE 0 | C LTG# |
|--------------------|-----------------------|--------------------------|----------------|----------------|---------|---------|--------|------------|----------------|-------|---------------|-------------|---------------|--------------------|--------------|--|
| Address: | 11816 Lac | kland Road | | | | | | | | | | | | FIELD | FOR LAB USE | ONLY |
| City / State | / Zip St. Louis, | MO 63146 | | | | | | | Lab | Not | es | | | | | |
| Contact: | Brad Lohrum | | Phone | e: (| 314) 99 | 97-744(|) | | | | | | | | | |
| E-Mail: | blohrum@teamues | s.com | Fax: | | | | | _ t | Clier | nt Co | omm | ent | s: | | | ······································ |
| Are these sample | s known to be invol | ved in litigation? If ye | s, a surcharge | will app | ly [| Yes | X I | ٧o | | | | | | | | |
| | | rdous? 🗌 Yes 🚦 | | and liftur | n nla | | údo | | | | | | | | | |
| limits in the comm | ient section. | es 🛛 No | juested analys | isr. ii ye | s, pies | ise hio | viue | | | | | | | | | |
| Project | Name/Number | | Sample Co | lector | 's Na | me | | | N | IAT | RIX | _ | | INDICATE A | NALYSIS REQU | ESTED |
| J04 | 4517.01 | | Brad L | ohrur | n | | | Г | ō | | S | 6 | DW - | | | |
| Result | s Requested | Billing In | structions | # and | і Туре | of Cor | tainer | s A | Drinking Water | | Special Waste | Groundwater | /-[6 | | | |
| |] 1-2 Day (100% Surch | large) | | ŞΞ | ZI | | Za | Aqueous | ng | Soil | | ndw | Lead | | | |
| Other | 3 Day (50% Surch | harge) | | HNO3 UNPRES | NaOH | HCL B | NaHSO4 | I I I I | Wat | ſ | Vast | /ate | I E200.8 | | | |
| Lab Use Only | Sample Identifi | cation Date/Ti | ne Sampled | S | | | 4 | 1 | 8 | | P | | .œ | | | |
| 4030644-03 | BHS 25 | 3/6/20 | 1 5:25 | 1 | | | | | X | | _ | | Х | | | |
| -032 | 1 28 | 7 | 4 | 1 | | | | | X | | | | X | | | |
| -073 | 21 | | 5:27 | 1 | | | | | X | | | | X | | | |
| -034 | 25 | 5 | | 1 | | | | | X | | | | X | | | |
| -035 | 24 | { | | 1 | | | | | X | | | | Х | | | |
| -036 | 30 | | | 1 | | | | | Х | | | | Х | | | |
| -037 | 31 | | | 1 | | | | | X | | | | X | | | |
| -038 | 32 | 2 | | 1 | | | | | X | | | | X | | | |
| -034 | 3 | | | 1 | | | | | X | | | | X | | | |
| -040 | | 7 | | 1 | | | | | X | | | | X | | | |
| ٥,٥ | Relinquished | | | Date | e/Time | 2 | | T | 1 | 1 | A | Ré | <i>č</i> eivo | ed By | Da | nte/Time |
| Bredley | Ant | | 3181 | 24 | 13 | 50 | | | | NI | Va | ωŰ | Ø. | | 3(8/24 | 1350 |
| 1/2/IN | CRAW | | 38 | 24 | 6 | J | | | J | N | J | ىن | 0 | un | 28/22 | 1611 |
| - Comment | ,, | | v | ····i | | | | | - | | | | [| | | |
| | | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechnology, Ll | LC | | | | | s | am | oles | on: | | ICE | 📓 BLUE ICE 📓 NO | | °C LTG# |
|--------------------|--|---|----------------|---------------|----------|-----------------|---------|----------------|-----------|---------------|----------|--------|-----------------|--------------|---------------|
| Address: | 11816 Lackland R | load | | | | | F | res | erve | d in | 8 | LAB | FIELD | FOR LAB US | <u>E ONLY</u> |
| City / State | / Zip St. Louis, MO 63 | 146 | | | | | L | ab I | lote | s | | | | | |
| Contact: | Brad Lohrum | Pho | ne: <u>(</u> 3 | 14) 99 | 7-7440 | | | | | | | | | | |
| E-Mail: | blohrum@teamues.com | Fax: | • | | | | - C | ient | Cor | nme | ents | 5: | | | |
| | s known to be involved in lit | | e will appl | y [| Yes | No No | | | | | | | | | |
| | s known to be hazardous? uired reporting limits to be n | | /sis? If ve | s nlea | se provi | te | | | | | | | | | |
| limits in the comm | sent section. Yes | No | | -, | | | | | | | | | | | |
| Project | Name/Number | Sample C | ollector | s Nai | me | | | M | ATR | X | | | INDICATE | ANALYSIS REQ | JESTED |
| J04 | 4517.01 | Brad | Lohrum | ı | | | | 및 | | S | ٩ | DW - | | | |
| Result | s Requested | Billing Instruction | s # and | Туре | of Conta | | ١Ă | n l | , Sr |)ecia | rour | - Lead | | | |
| | 1-2 Day (100% Surcharge) | | UN I | N H2 | TZ | Nat O | Aqueous | | Sludge | X | npı | ad E | | | |
| | | | HNO3 UNPRES | H2SO4 NaOH | HCL | OTHER NaHSO4 | 5 | Drinking Water | | Special Waste | ater | E200.8 | | | |
| Lab Use Only | Sample Identification | Date/Time Sampled | | | | | | - | | | | _ | | | |
| 24030694-04 | BAS-35 | 3/6/24 5:3 | 5 1 | | | | | X | | | | X | | | |
| -042 | 36 | + | 1 | | | | | X | | | | X | | | |
| -643 | 31 | 5:35 | - 1 | | | | | X | | | | Х | | | |
| -044 | 38 | No. of the second | 1 | | | | | X | | | | X | | | |
| -045 | 39 | | 1 | | | | | X | | | | Х | | | |
| -046 | 43 | | 1 | | | | | X | | | | Х | | | |
| -047 | 41 | | 1 | | | | | X | | | | Х | | | |
| -048 | 42 | | 1 | | | | | X | | | | Х | | | |
| -049 | 43 | | 1 | | | | | X | | | | Х | | | |
| -050 | - 44 | | - 1 | | | | | X | | | | Х | | | |
| | Relinquished By | | Date | /Time | | | | 1 | ĺ | Δ | Re | efiv | ed By | | Date/Time |
| Bisally | Ant | 3/8 | 124 | 13 | 50 | | | 1,00 | W. | <u> </u> | l b | d[/ | | 30124 | 1350 |
| Inter | M Amill | 218 | 24 | 16 | [\ | | | Ŭ | <u>~r</u> | | <u>ب</u> | 10 | Dun | 318/24 | 1611 |
| - Voor | 9-0-0 | | | | | | | | | | `` | 7 | | | |
| | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

24030. pg. 5 of 23 Work order #<u>240369</u> 94



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: Address: | Geotechnology, L | | | | | | | | | | | | | E BLUE ICE NO ICE ^O C LTG# B FIELD <u>FOR LAB USE ONLY</u> |
|--|---|--------------------------------------|-------------|---------------|---------------|---------|-----|---------|----------------|------------|--------------------------------|-------------|-----------|--|
| City / State | / Zip St. Louis, MO 63 | 146 | | | | | | | | No | | | | |
| Contact: | Brad Lohrum | F | Phone: | (31 | 4) 997 | -7440 | | _ | | | | | | |
| E-Mail: | blohrum@teamues.com | F | Fax: | | | | | - 0 | lier | nt C | omm | ent | s: | |
| Are these samples Are there any requirements in the commission of | s known to be involved in lit s known to be hazardous? tired reporting limits to be r ent section. Yes X | Yes No net on the requested No | l analysis? | lf yes, | pleas | | ide | lo | 74 - | | | | . | |
| Project I | Name/Number | Samp | ole Colle | ctor's | Nan | ne | | L | N T | | RIX | 1 | | |
| 1 | 4517.01 | Br | rad Loh | | | | | ┛ | Driir | | Spe | G | DW | |
| X Standard | s Requested 1-2 Day (100% Surcharge) | Billing Instruc | | and T HNO3 | | | | Aqueous | Drinking Water | Soil | <u>Special Waste</u> Sludge | Groundwater | Lead E2 | |
| Lab Üse Only | Sample Identification | Date/Time Sam | npled | | 2 2 | μļΫ | S04 | | ater | | ste | fer | E200.8 | |
| 40306 94-061 | BHS-45 | 316/24 5 | 547 1 | | | | | | X | | | | Х | |
| -07 | 46 | 5 | :43 1 | | | | | | X | | | | X | |
| -053 | 47 | | 1 | | | | | | X | | | | X | |
| -054 | 48 | | 1 | | | | | | X | | | | X | |
| -055 | 49 | | | | | | | | X | | | | X | |
| -056 | 50 | | 1 | | | | | | X | | | | X | |
| -057 | 51 | | 1 | | | | | | X | | | | X | |
| -054 | 52 | | 1 | | | | | | X | | | | Х | |
| -059 | 53 | | 1 | | | | | | X | | | | X | |
| -060 | - 54 | - 5: | | | | | | | X | | | | X | |
| | Relinquished By | | | Date/⊺ ∉t | | _ | | | -// | 4 | 1 | Re | | ived/By Date/Time |
| Bully | Joint | 3 | 5/8/2 | 4 | $\frac{1}{2}$ | 50 | | + | H | <u>J þ</u> | ₩./ | 74 | <u>AN</u> | WN 3/8/24 1350 NINA 318/24 16/1 |
| HOW W | WWWW | 3 | 1 DI'V | 1 | 16 | <u></u> | | | _ _ | N | G | | 7 | Jup 318/24 1611 |
| | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

pg. 6 of 23 Work order # 24030694





http://www.teklabinc.com/

July 11, 2024

Brad Lohrum Geotechnology, Inc. 11816 Lackland Road St. Louis, MO 63146 TEL: (314) 997-7440 FAX: (314) 997-2067

RE: J044517.01



WorkOrder: 24062353

Dear Brad Lohrum:

TEKLAB, INC received 57 samples on 6/28/2024 3:50:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Patrick Riley Project Manager (618)344-1004 ex 44 patrickriley@teklabinc.com



Report Contents

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24062353 Report Date: 11-Jul-24

This reporting package includes the following:

| Cover Letter | 1 |
|----------------------|----------|
| Report Contents | 2 |
| Definitions | 3 |
| Case Narrative | 5 |
| Accreditations | 6 |
| Laboratory Results | 7 |
| Receiving Check List | 9 |
| Chain of Custody | Appended |



Definitions

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24062353

Report Date: 11-Jul-24

Abbr Definition

- * Analytes on report marked with an asterisk are not NELAP accredited
- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
- DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
- DNI Did not ignite
- DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample is a sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- NC Data is not acceptable for compliance purposes
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
 - PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
 - RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
 - RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
 - SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
 - Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
 - TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
- TNTC Too numerous to count (> 200 CFU)



Client Project: J044517.01

Definitions

http://www.teklabinc.com/

Work Order: 24062353

Report Date: 11-Jul-24

Qualifiers

- Unknown hydrocarbon

Client: Geotechnology, Inc.

- C RL shown is a Client Requested Quantitation Limit
- H Holding times exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
 - S Spike Recovery outside recovery limits
 - X Value exceeds Maximum Contaminant Level

- B Analyte detected in associated Method Blank
- E Value above quantitation range
- I Associated internal standard was outside method criteria
- M Manual Integration used to determine area response
- R RPD outside accepted recovery limits
- T TIC(Tentatively identified compound)



Case Narrative

http://www.teklabinc.com/

Work Order: 24062353 Report Date: 11-Jul-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Cooler Receipt Temp: NA °C

| | | | Locations | | |
|---------|-----------------------------|---------|----------------------------|---------|-----------------------|
| | Collinsville | | Springfield | | Kansas City |
| Address | 5445 Horseshoe Lake Road | Address | 3920 Pintail Dr | Address | 8421 Nieman Road |
| | Collinsville, IL 62234-7425 | | Springfield, IL 62711-9415 | | Lenexa, KS 66214 |
| Phone | (618) 344-1004 | Phone | (217) 698-1004 | Phone | (913) 541-1998 |
| Fax | (618) 344-1005 | Fax | (217) 698-1005 | Fax | (913) 541-1998 |
| Email | jhriley@teklabinc.com | Email | KKlostermann@teklabinc.com | Email | jhriley@teklabinc.com |
| | Collinsville Air | | Chicago | | |
| Address | 5445 Horseshoe Lake Road | Address | 1319 Butterfield Rd. | | |
| | Collinsville, IL 62234-7425 | | Downers Grove, IL 60515 | | |
| Phone | (618) 344-1004 | Phone | (630) 324-6855 | | |
| Fax | (618) 344-1005 | Fax | | | |
| Email | EHurley@teklabinc.com | Email | arenner@teklabinc.com | | |
| | | | | | |



Accreditations

http://www.teklabinc.com/

Work Order: 24062353

Report Date: 11-Jul-24

Client: Geotechnology, Inc.

Client Project: J044517.01

| State | Dept | Cert # | NELAP | Exp Date | Lab |
|-------------|------|--------------|-------|------------|--------------|
| Illinois | IEPA | 100226 | NELAP | 1/31/2025 | Collinsville |
| Illinois | IEPA | 1004652024-2 | NELAP | 4/30/2025 | Collinsville |
| Kansas | KDHE | E-10374 | NELAP | 4/30/2025 | Collinsville |
| Louisiana | LDEQ | 05002 | NELAP | 6/30/2025 | Collinsville |
| Louisiana | LDEQ | 05003 | NELAP | 6/30/2025 | Collinsville |
| Oklahoma | ODEQ | 9978 | NELAP | 8/31/2024 | Collinsville |
| Arkansas | ADEQ | 88-0966 | | 3/14/2025 | Collinsville |
| Illinois | IDPH | 17584 | | 5/31/2025 | Collinsville |
| Iowa | IDNR | 430 | | 6/1/2026 | Collinsville |
| Kentucky | UST | 0073 | | 1/31/2025 | Collinsville |
| Mississippi | MSDH | | | 4/30/2025 | Collinsville |
| Missouri | MDNR | 930 | | 1/31/2025 | Collinsville |
| Missouri | MDNR | 00930 | | 10/31/2026 | Collinsville |



Laboratory Results

http://www.teklabinc.com/

Work Order: 24062353

Report Date: 11-Jul-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Matrix: DRINKING WATER

| Sample ID | Client Sample ID | Certification Qual | RL | Result | Units | DF | Date Analyzed | Date Collected |
|--------------------------------|--------------------|---------------------|-----|--------|-------|----|------------------|------------------|
| EPA 600 4.1.4 Lead | , 200.8 R5.4, META | LS BY ICPMS (TOTAL) | | | | | | |
| 24062353-001 | A SMS-01-2 | NELAP | 1.0 | 4.6 | µg/L | 1 | 07/03/2024 17:08 | 06/26/2024 15:07 |
| 24062353-002 | A SMS-02-2 | NELAP | 1.0 | 3.5 | µg/L | 1 | 07/03/2024 17:23 | 06/26/2024 15:08 |
| 24062353-003 | A SMS-58-2 | NELAP | 1.0 | 7.5 | µg/L | 1 | 07/03/2024 17:26 | 06/26/2024 15:11 |
| 24062353-004 | A SMS-59-2 | NELAP | 1.0 | 3.3 | µg/L | 1 | 07/03/2024 17:30 | 06/26/2024 15:12 |
| 24062353-005 | A SMS-60-2 | NELAP | 1.0 | 8.7 | µg/L | 1 | 07/03/2024 17:34 | 06/26/2024 15:13 |
| 24062353-006 | A SMS-61-2 | NELAP | 1.0 | 6.9 | µg/L | 1 | 07/03/2024 17:37 | 06/26/2024 15:14 |
| 24062353-007 | A SMS-62-2 | NELAP | 1.0 | 7.4 | µg/L | 1 | 07/08/2024 22:34 | 06/26/2024 15:15 |
| 24062353-008 | A SMS-74-2 | NELAP | 1.0 | 1.9 | µg/L | 1 | 07/03/2024 17:52 | 06/26/2024 15:18 |
| 24062353-009 | A PKE-66-2 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 17:56 | 06/26/2024 15:52 |
| 24062353-010 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 18:10 | 06/26/2024 15:52 |
| 24062353-011 | | NELAP | 1.0 | 2.2 | µg/L | 1 | 07/03/2024 18:14 | 06/26/2024 15:55 |
| 24062353-012 | | NELAP | 1.0 | 1.3 | µg/L | 1 | 07/03/2024 18:18 | 06/26/2024 16:06 |
| 24062353-013 | | NELAP | 1.0 | 1.6 | µg/L | 1 | 07/03/2024 18:21 | 06/26/2024 16:07 |
| 24062353-014 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 18:25 | 06/26/2024 16:16 |
| 24062353-015 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 18:29 | 06/26/2024 16:33 |
| 24062353-016 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 18:33 | 06/26/2024 16:36 |
| 24062353-017 | | NELAP | 1.0 | 1.3 | µg/L | 1 | 07/08/2024 22:45 | 06/26/2024 16:5 |
| 24062353-018/ | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 18:58 | 06/26/2024 16:54 |
| 24062353-019 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 19:02 | 06/26/2024 16:54 |
| 24062353-010/ 24062353-020/ | | NELAP | 1.0 | 12.4 | µg/L | 1 | 07/03/2024 19:02 | 06/26/2024 17:17 |
| 24062353-020 24062353-021 | | NELAP | 1.0 | 1.9 | µg/L | 1 | 07/03/2024 19:09 | 06/26/2024 17:2 |
| 24062353-0211 24062353-0221 | | NELAP | 1.0 | 3.6 | µg/L | 1 | 07/03/2024 19:13 | 06/26/2024 17:2 |
| 24062353-022/ 24062353-023/ | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 19:16 | 06/26/2024 17:22 |
| 24062353-023/ 24062353-024/ | | NELAP | 1.0 | < 1.0 | | 1 | 07/03/2024 19:10 | 06/26/2024 17:22 |
| 24062353-024 24062353-025 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 19:24 | 06/26/2024 17:44 |
| 24062353-025 24062353-026 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 19:28 | 06/26/2024 17:44 |
| 24062353-020 24062353-027 | | NELAP | 1.0 | | µg/L | 1 | 07/05/2024 19:28 | 06/26/2024 18:01 |
| 24062353-027 24062353-028 | | | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 12:13 | 06/26/2024 18:03 |
| | | NELAP | | < 1.0 | µg/L | | | 06/26/2024 18:20 |
| 24062353-029 | | NELAP | 1.0 | 13.2 | µg/L | 1 | 07/03/2024 19:57 | |
| 24062353-030 | | NELAP | 1.0 | 4.6 | µg/L | 1 | 07/03/2024 20:01 | 06/26/2024 18:35 |
| 24062353-031 | | NELAP | 1.0 | 2.1 | µg/L | 1 | 07/03/2024 20:04 | 06/26/2024 18:54 |
| 24062353-032 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 20:08 | 06/26/2024 19:07 |
| 24062353-033 | | NELAP | 1.0 | 6.4 | µg/L | 1 | 07/03/2024 20:12 | 06/26/2024 19:19 |
| 24062353-034 | | NELAP | 1.0 | 2.7 | µg/L | 1 | 07/03/2024 20:15 | 06/26/2024 19:32 |
| 24062353-035 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/05/2024 12:35 | 06/26/2024 19:55 |
| 24062353-036 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 20:41 | 06/26/2024 19:56 |
| 24062353-037 | | NELAP | 1.0 | 1.1 | µg/L | 1 | 07/03/2024 20:45 | 06/26/2024 19:57 |
| 24062353-038 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 20:48 | 06/26/2024 20:00 |
| 24062353-039 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 20:52 | 06/26/2024 20:07 |
| 24062353-040 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 20:56 | 06/26/2024 20:10 |
| 24062353-041 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 20:59 | 06/26/2024 20:10 |
| 24062353-042 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/05/2024 12:46 | 06/26/2024 20:1 |
| 24062353-043 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 21:25 | 06/26/2024 20:1 |
| 24062353-044 | | NELAP | 1.0 | 5.6 | µg/L | 1 | 07/03/2024 21:29 | 06/26/2024 20:13 |
| 24062353-045 | | NELAP | 1.0 | 17.7 | µg/L | 1 | 07/03/2024 21:32 | 06/26/2024 20:39 |
| 24062353-046 | | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 21:36 | 06/26/2024 20:43 |
| 24062353-047 | | NELAP | 1.0 | 17.6 | µg/L | 1 | 07/08/2024 23:07 | 06/26/2024 21:10 |
| 24062353-048 | A BHS-122-2 | NELAP | 1.0 | 4.3 | µg/L | 1 | 07/03/2024 21:51 | 06/26/2024 21:20 |



Laboratory Results

http://www.teklabinc.com/

Work Order: 24062353

Report Date: 11-Jul-24

Client: Geotechnology, Inc.

Client Project: J044517.01

Matrix: DRINKING WATER

| Mati | IX, DRINKING WA | ILK | | | | | | |
|-----------------------|---------------------|---------------------|-----|--------|-------|----|------------------|------------------|
| Sample ID | Client Sample ID | Certification Qual | RL | Result | Units | DF | Date Analyzed | Date Collected |
| EPA 600 4.1.4 Lead | 4, 200.8 R5.4, META | LS BY ICPMS (TOTAL) |) | | | | | |
| 24062353-049 | A BHS-125-2 | NELAP | 1.0 | 8.8 | µg/L | 1 | 07/03/2024 21:54 | 06/26/2024 21:20 |
| 24062353-050 | A BHS-126-2 | NELAP | 1.0 | 5.9 | µg/L | 1 | 07/03/2024 22:09 | 06/26/2024 21:20 |
| 24062353-051 | A BHS-130-2 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 22:13 | 06/26/2024 21:26 |
| 24062353-052 | A BHS-222 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 22:16 | 06/26/2024 21:30 |
| 24062353-053 | A BHS-223 | NELAP | 1.0 | 1.1 | µg/L | 1 | 07/03/2024 22:20 | 06/26/2024 21:30 |
| 24062353-054 | A BHS-224 | NELAP | 1.0 | < 1.0 | µg/L | 1 | 07/03/2024 22:24 | 06/26/2024 21:30 |
| 24062353-055 | A BHS-225 | NELAP | 1.0 | 1.3 | µg/L | 1 | 07/03/2024 22:27 | 06/26/2024 21:30 |
| 24062353-056 | A BHS-226 | NELAP | 1.0 | 3.0 | µg/L | 1 | 07/03/2024 22:31 | 06/26/2024 21:15 |
| 24062353-057 | A BHS-227 | NELAP | 1.0 | 2.8 | µg/L | 1 | 07/03/2024 22:35 | 06/26/2024 21:15 |



Receiving Check List

http://www.teklabinc.com/

Client: Geotechnology, Inc.

Client Project: J044517.01

Work Order: 24062353 Report Date: 11-Jul-24

| Carrier: Craig McKinney Completed by: On: 28-Jun-24 Paul Schultz | Re | eived By: NR viewed by: On: Jun-24 J | Elled Hopk Ellie Hopkins | iens |
|--|---------------------|--|-----------------------------|------------|
| Pages to follow: Chain of custody 6 | Extra pages include | ed 0 | | |
| Shipping container/cooler in good condition? | Yes 🗸 | No | Not Present | Temp °C NA |
| Type of thermal preservation? | None 🗸 | | | Dry Ice |
| Chain of custody present? | Yes 🗸 | | | |
| Chain of custody signed when relinquished and received? | Yes 🗸 | No 🗌 | | |
| Chain of custody agrees with sample labels? | Yes 🗸 | No 🗌 | | |
| Samples in proper container/bottle? | Yes 🔽 | No 🗌 | | |
| Sample containers intact? | Yes 🔽 | No 🗌 | | |
| Sufficient sample volume for indicated test? | Yes 🗹 | No 🗌 | | |
| All samples received within holding time? | Yes 🗹 | No 🗌 | | |
| Reported field parameters measured: | Field | Lab 🗌 | NA 🗹 | |
| Container/Temp Blank temperature in compliance? | Yes 🗸 | No 🗌 | | |
| When thermal preservation is required, samples are complian 0.1°C - 6.0°C, or when samples are received on ice the same | | e between | | |
| Water – at least one vial per sample has zero headspace? | Yes | No | No VOA vials 🖌 | |
| Water - TOX containers have zero headspace? | Yes | No | No TOX containers 🗹 | |
| Water - pH acceptable upon receipt? | Yes 🗹 | No 🗌 | NA 🗌 | |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes | No 🗌 | NA 🗹 | |
| Any No responses n | nust be detailed be | low or on the | COC. | |

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory. - pschultz - 6/28/2024 4:49:24 PM

Page 9 of 9

CHAIN OF CUSTODY pg. of 6 Work order # 24062353

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechnology, L | LC | | | | | Sa | mp | les d | on: | M | ICE | | ICE | NA | <u> </u> | °C | LTG/ | # | |
|--------------------|------------------------------|---|-------------|---------------|-----------|----------|---------------------------|-------|--------|---------------|-------------|--------|----------|----------------------|-------------|-------------|--------------|-----------|------------------|----|
| Address: | 11816 Lackland F | Road | | | | | | | | | | | FIELD | | RLAB | <u> USF</u> | <u>E ONI</u> | <u>_Y</u> | | |
| City / State | / Zip St. Louis, MO 63 | 146 | | | | | La | ЬN | otes | 5 | | | | | | | | | | |
| Contact: | Brad Lohrum | Phone | e: <u>(</u> | 314) 99 | 7-7440 | | | | | | | | | | | -1000 | | | | |
| E-Mail: | blohrum@teamues.com | Fax: | _ | | | | Clie | ent (| Con | ıme | ents | : | | EK | LA | B | | | | |
| Are these sample | s known to be involved in li | ligation? If yes, a surcharge | will app | у [| Yes | 🛛 No | 1 | | | | | | | , L'LL'S | ¢., | a. 1548 | | | | |
| • | s known to be hazardous? | Yes X No net on the requested analys | -0 16 | · | | - | ĺ | | | | | | | Co | artí | | | | | |
| limits in the comm | the section. \Box Yes | No | 187. li ye | s, piea | se provic | e | ĉ | | | | | | | | | | | | | |
| Project | Name/Number | Sample Co | lector | s Nai | ne | | T ¹ | MA | TRI | X | | | INDICATE | ANAL | YSIS I | REQI | JEST | ED | | |
| J04 | 4517.01 | Brad L | ohrun | ٦ | | | Q | | | S | പ | DW | | | | Τ | T | | | |
| Result | s Requested | Billing Instructions | # and | Туре | of Conta | iners | Drinking Water Aqueous | | SI | Special Waste | Groundwater | 1 | | | | | | | | |
| | 1-2 Day (100% Surcharge) | _ | ΞĘ | zE | - 3 | Na O | ng \ ueo | Soil | Sludge | al M | ndw | Lead E | | | | | | | | |
| | 3 Day (50% Surcharge) | | UNPRES | H2SO4 NaOH | HCL | HSO, HER | inking Wate Aqueous | | e | laste | ater | E200.8 | | | | | | | | |
| Lab Use Only | Sample Identification | Date/Time Sampled | | | | - | 1 | | | | | ά | | | | | | | | |
| 2406333-201 | SMS-01-2 | 6/26/24 307 | 1 | | | | | 4 | | | | X | | | | | | | | |
| -007 | 02-2 | 3:08 | 1 | | | | | - | | | | X | | | | | | | | |
| | 58-2 | 3:11 | 1 | | | | | 1 | | | | X | | | | | | | | |
| -034 | 59-2 | 3:12 | 1 | | | | X | | | | | X | | | | | | | | |
| -005 | 60-2 | 3:13 | 1 | | | | X | | | | | X | | 2000mmod grant and a | | | | | | |
| -004 | 61-2 | 8:14 | 1 | | | | X | | | | | X | | | | | | | | |
| ~~007 | 62-2 | 3:15 | 1 | | | | X | | | | | X | | | | | | | | |
| -00% | - 74-2 | 3:18 | 1 | | | | X | | | | | X | | | | | | | | |
| | PKE-66-2 | 3:52 | 1 | | | | X | | | | | X | | | | | | | | |
| ~010 | PKE-67-2 | - 3:52 | 1 | | | | | | | | | * | | | | | | | | |
| <u>A 77</u> | Relinquished By | | | /Time | | | L | | _ | \leq | Re | eive | d By | | | | bate/Ti | me | 7 | |
| Endle | nom | 6/27 | 124 | | 1:3 | Ö | | | | 2 | | | | (| <u>a/28</u> | <u>/</u> / | 1 | | \underline{LO} | :0 |
| < | 0 | C/25 | 44 | | 350 | 3 | | | v | J | L | | Keen | | .12 | <u>8/ Z</u> | <u>'4</u> | | 55 | 0 |
| | | | · / | | | | | | | | | | χ | | | | | <u></u> | | |
| | | | | | | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechnology, L | LC | | | | | | | s | an | nple | es o | n: | | ICE | E 🐻 BLUE ICE 📧 NO ICE ^o C LTG# |
|--------------------|--|------------------------------|-----------|--------|-------|--------|----------|----------|---------|----------------|------|--------|---------------|-------------|--------|---|
| Address: | 11816 Lackland R | load | | | | | | | Ρ | res | ser | /ed | in: | 1 | LAB | B FIELD FOR LAB USE ONLY |
| City / State | / Zip St. Louis, MO 63 | 146 | | | | | _ | | L | ab | No | tes | | | | <i>i</i> |
| Contact: | Brad Lohrum | Phone | e: _ | (314 | 997 (| -7440 | | | | | | | | | | |
| E-Mail: | blohrum@teamues.com | Fax: | - | | | | | | С | ien | nt C | om | me | nts | 5: | |
| | | igation? If yes, a surcharge | will ap | ply | | Yes | X | No | 1 | | | | | | | |
| Are there any requ | s known to be hazardous? uired reporting limits to be n | net on the requested analys | is?. If y | /es, p | leas | e prov | /ide | | | | | | | | | |
| limits in the comm | ent section. Yes | No | | | | - | _ | | | | | | | | | |
| Project | Name/Number | Sample Co | llecto | r's I | Nam | e | | | | N | IAT | RIX | (| | | INDICATE ANALYSIS REQUESTED |
| <u> </u> | 4517.01 | Brad L | _ | | _ | | _ | | | <u>ק</u> | | | 8 B | ଜୁ | DW - | |
| Result | s Requested | Billing Instructions | # an | id Ty | pe o | f Con | 1 | | Aqu | <u> 루</u> | s | S | ēcia | nuo. | - Lead | |
| | 3 Day (50% Surcharge) | | UNPRES | Nac | H2SO4 | H | NaHSO4 | OTH | Aqueous | Drinking Water | Soil | Sludge | Special Waste | Groundwater | ad E2 | |
| Lab Use Only | Sample Identification | Date/Time Sampled | Rs | Î | 2 | μ | 504 | Ę | | ater | | | ste | ter | E200.8 | |
| 24062353-01 | PKE-70-2 | 6/26/24 3:55 | 1 | | | | | | | X | | | | | Х | |
| -012 | RBE-08-2 | . 4:06 | 1 | | | | | | | X | | | | | X | |
| -013 | RBE-11-2 | 4:07 | 1 | | | | | | | X | | | | | Х | |
| 0M | FES-52-2 | 4:16 | 1 | | | | | | | X | | | | | Х | |
| -015 | BRH-82 | 4:33 | 1 | | | | | | | X | | | | | X | |
| -3/6 | BRH - 83 | 4:36 | 1 | | | | | | | X | | | | | Х | |
| -017 | MCE -09-2 | 4:51 | 1 | | | | | | | X | | | | | Х | |
| | MCE- 87 | 4:54 | 1 | | | | | | | X | | | | | X | |
| -019 | MCE- 88 | T T | 1 | | | | | | | X | | | | | X | |
| -020 | RBH-30-2 | - 5:17 | 1 | | | | | | | X | | | | | Х | |
| | Relinquished By | | Dat | te/Ti | | _ | | _ | | | 7 | / | ~ | Re | ceive | ved By Date/Time |
| Fredle | for- | 6/27 | 124 | | | 34 | ン | | | | | | | | | 6/28/21 /4/0 |
| | ×U - | | /2 | 4 | _/ | 3 | 50 | <u>}</u> | | 1 | 1 | ñ | L | · | | Read 6/28/24 1550 |
| | | | | | | | | - | | | | | | | | |
| | | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

pg. Z of 6 Work order # 24067573



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | | Geotechnology, Ll | LC | | | | | | | | | s | lam | ple | s or | : : [| <u>.</u> | CE | BLUE | ICE | | NO IO | CE | | | | °C | | LTG# | ł | | |
|--|-----------------------|---|-------------|-------------------|------|-------|----------|------------|------|-------|-------|---------|----------------|--------------------------|--|--------------|-------------|--------|---------|-----|----------|--|-----|-----|------------|------------|--------------|-------------|------------|---------------------------|----------|---|
| Address: | | 11816 Lackland R | load | | | | | | | | · | P | res | erv | ed i | n: [| 🗐 L | AB | 📓 FIELD |) | | | F | OR | LAE | <u>3 U</u> | <u> 3E (</u> | <u>DNL.</u> | <u>Y</u> | | | |
| City / State | e / Zip | St. Louis, MO 63 | 146 | | | | | | | | | L | .ab | Not | es | | | | | | | | | | | | | | | | | |
| Contact: | | ohrum | | Phone | 9: | (3 | 14) § | 997-7 | 7440 | | | | | | | | | | | | | | | | | | | | | | | |
| E-Mail: | blohru | m@teamues.com | | Fax: | | | | | | | | С | lien | t Co | omn | ner | nts: | | | | | and the second | | | | | | | 1.00 She c | | | |
| Are these samp | es know | n to be involved in lit | idation? If | ves, a surcharge | will | apply | 1 | □ Y | /es | X | No | 1 | | | | | | | | | | | | | | | | | | | | |
| Are these samp | es know | n to be hazardous? | 🗌 Yes | X No | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Are there any re limits in the corr | quired re ment sec | porting limits to be r tion. 🗌 Yes 🕅 | net on the | requested analysi | is?. | lf ye | s, ple | ease | prov | ide | | Í | | | | | | | | | | | | | | | | | | | | |
| | | /Number | | Sample Col | llec | tor' | s N | am | e | | | ╷┨┈━ | M | AT | RIX | _ | Т | | | IND | ICA | TE / | ANA | LYS | SIS | RE(| QUE | STE | D | | | |
| - | 44517 | | | Brad Lo | | | | | | | | | | | | | Ť | QV | | | | | | 1 | T | Т | Τ | | | | | |
| | | uested | Dilling | Instructions | | | | e of | Con | taine | ers | Ā | rink | | م bec | | 3 | . 1 | | | | | | | | | | | | | | |
| X Standard | 1-2 Day | y (100% Surcharge) | Billing | Instructions | | | | | | | | Aqueous | ing | Soil | eciai wa | | | Lead | | | | | | | | | | | | | | |
| Other | 🗌 3 D | ay (50% Surcharge) | | | NPR | HNO3 | NaOH | H2SO4 | HOH | aHSC | OTHER | snc | Drinking Water | - P | Shindne | | Groundwater | E200.8 | | | | | | | | | | | | | | |
| Lab Use Only | San | nple Identification | Date | /Time Sampled | S | З | <u>т</u> | 4 | T | 4 | Ρ | | ter | | 6 | - | Ť | 0.8 | | | | | | | | | _ | _ | | | | |
| 2401,2353-0 | RE | 54-103 | 6/21 | 124 5:21 | 1 | | | | | | | | Х | | | | | X | | | | | | | | | | | | | | |
| -03. | - 1 | 104 | | + | 1 | | | | | | | | X | | | | | X | | | | | | | | | | | | | | |
| -02 | 3 | 105 | | 6:22 | 1 | | | | | | | | Х | | and a subscreen subs | | | X | | | | | | | | | | | | | | |
| -621 | - | - 100 | | t | 1 | | | | | | | | X | | | | | Х | | | | | | | | | | | | | | |
| -07 | SNH | F-10-2 | | 5:44 | 1 | | | | | | | | X | | | | | X | | | | | | | | | | | | arooverstanded. | | |
| -03 -03 | N 1 | E-16-2 | | 5:46 | 1 | | | | | | | | X | | | | | X | | | | | | | | | | | | | | |
| -01 | 12 | F - 70 | | 6:01 | 1 | | | | | | | | X | | | | | X | | | | | | | | | | | | | | |
| ~02 | 100 | 2 = - 71 | | 6:03 | 1 | | | | | _ | | | X | | | | | X | | | | | | | | | | | | Ageneratory Datasette All | | |
| - 09 | | 10-08-2 | | 6:28 | 1 | | | | | | | | X | | | | | X | | | | | | | | | | | | | | |
| -07 -03 | C1 | 25-07-7 | | - 6:35 | 1 | | | | | | | | Х | | | | | X | | | | | | | | | | | | | | |
| | Reli | nquished By | | 0.50 | 1 | Date | /Tin | ne | 1 | | | | | | \swarrow | Ż | Rec | eive | ed By | | | | | | | <u> </u> | Dát | te/Tir | ne | | | |
| Bre Do | Ad. | \sim | | 6/27/2 | 24 | , | ſ | 7: | 30 | > | | | | $\overline{\mathcal{A}}$ | \geq | _ | | | | | 6 | | | 6 | - - | ¥, | <u>b 4</u> | / | 1 | 40 | <u>;</u> | |
| 10.000 | H | | | 1/23 | 16 | | | 1 | 5 | 57 | Í | | | | 6 | 2, | 1 | ì | h to | 200 | d | | | 6 | 12 | 81 | 24 | / | 18 | 550 | 5 | ~ |
| \vdash | | | | - <u> </u> | Ľ | | | <i>, -</i> | | | | | | | | | = | Tim | | | . | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | ······································ | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481



pg. \leq of ℓ Work order # <u>24062353</u>

pg. 4 of 6 Work order # <u>24062353</u>

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechnology, L | LC | | | | | | | s | am | ple | s on | : 🛙 | IC | CE 🕅 BLUE ICE 🔄 NO ICE ^O C LTG# |
|--|---|--------------------------------|------------------|--------|--------|-----------|---------------|----|---------|----------------|------|--------------------|-------------|------|--|
| Address: | 11816 Lackland F | Road | | | | | | | P | res | erv | ed i | n: 🛙 |) L | AB FIELD FOR LAB USE ONLY |
| City / State | / Zip St. Louis, MO 63 | 146 | | | | | | _ | L | .ab | Not | es | | | |
| Contact: | Brad Lohrum | Phone | : | (314 |) 997 | -744(|) | | | | | | | | <u>í</u> |
| E-Mail: | blohrum@teamues.com | Fax: | | | | | | | CI | lien | t Co | omn | nen | ts: | |
| Are these sample | s known to be involved in li | itigation? If yes, a surcharge | will ap | pły | | Yes | X | No | | | | | | | |
| Are these sample | s known to be hazardous? | 🗌 Yes 🛛 No | | | | | | | | | | | | | |
| Are there any requirements in the comm | uired reporting limits to be i nent section. 🛛 Yes 👂 | met on the requested analys | is?. If <u>y</u> | yes, j | pleas | e pro | vide | | | | | | | | |
| | Name/Number | Sample Co | lecto | r's | Nan | 1e | | | L | M | AT | RIX | | Т | INDICATE ANALYSIS REQUESTED |
| | 44517.01 | Brad L | ohru | m | | | | | | | | l v | | | |
| Result | s Requested | Billing Instructions | | | /pe of | f Cor | ntaine | rs | Ą | Drinking Water | | Special Waste | Groundwater | | |
| X Standard |] 1-2 Day (100% Surcharge) | Daming motifuctions | ſ⊆Ī. | | | | , z | 0 | Aqueous | na | Soil | ecial Wa Shidoe | | | Lead |
| Other | 3 Day (50% Surcharge) | | UNPRES | NaOH | H2SO4 | HCL | NaHSO4 | ĨΗ | snć | Wat | 1 | Vasi | Vale | | E200.8 |
| Lab Use Only | Sample Identification | Date/Time Sampled | es | | 4 | - | 4 | ~ | | er | | ie I | | | 0.8 |
| 24062398-03 | LSE-06-2 | 6/26/24 6:54 | 1 | | | | | | | X | | | | 2 | X |
| -632 | JMS-11-2 | 1'1' 7:07 | 1 | | | | | | | X | | | <u> </u> | Ľ | X |
| -033 | EF5-01-2 | 7:19 | 1 | | | | | | | X | | | |) | X |
| -034 | HHS-18-2 | 7:32 | 1 | | | | | | | X | | | | 2 | X |
| -035 | 0M5-08-2 | 1:55 | 1 | | | | | | | X | | | |) | X |
| -036 | OMS-10-2 | 2:56 | 1 | | | | | | | X | | | |) | X |
| -037 | 1 12-2 | 7:51 | 1 | | | | | | | X | | | |) | X |
| -038 | 17-2 | 8:00 | 1 | | | | | | | X | | | |) | X |
| -039 | 20-2 | 8:07 | 1 | | | | | | | Х | | | |) | X |
| -040 | - 39 | - 8:10 | 1 | | | | | | | X | | T | 上 | 7 | X |
| | Relinguished By | | Da | te/T | ime | | | | | | K | \geq | R | Rece | eived By Bate/Time |
| Broole | uffer - | 6/27 | 24 | e | 17 | <u>:3</u> | \mathcal{O} | | | | (| | | | 6/28/21 /400 |
| <hr/> | 110 | - 1/23 | 12 | 4 | 1 | 50 | 50 | | | | 6 | h | ù | h | Read 6/28/24 1550 |
| | | | / | | | | | | | | | | | | <u> </u> |
| | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481



TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechnology, LL | с | | | | | | | Sa | ımp | oles | on: | 蘂 | ICE | |
|--|--|-----------------------------|----------------|-------|-------|--------|-----------------|------|---------|------|-------|---------------|-------------|-------|---|
| | ddress: 11816 Lackland Road ity / State / Zip St. Louis, MO 63146 | | | | | | | | | | | | | | FOR LAB USE ONLY |
| | / Zip St. Louis, MO 631 | 46 | | | | | | | La | ıb N | lote | es | | | |
| Contact: | Brad Lohrum | Phone | : (| 314) | 997- | 7440 | | | | | | | | | - |
| | blohrum@teamues.com | Fax: | | | | | | | Cli | ent | Co | mm | ents | 5: | stantinin kan kan bara kan kan kan kan kan kan kan kan kan ka |
| Are these samples | s known to be involved in liti | gation? If yes, a surcharge | vill app | ly | | Yes | X | No | 1 | | | | | | |
| Are these samples | known to be hazardous? | 🗌 Yes 🛛 No | | | | | | | | | | | | | |
| Are there any requirements in the comm | ired reporting limits to be m ent section. Yes 🕅 | et on the requested analysi | s?. If y | es, p | lease | e prov | ride | | | | | | | | |
| | Name/Number | Sample Col | ecto | r's N | Vam | e | | | Į | M/ | ATF | RIX | | | INDICATE ANALYSIS REQUESTED |
| - | 4517.01 | Brad Lo | | | | | | | | , | | | | DX | |
| | s Requested | Billing Instructions | # an | | pe of | Con | taine | rs | Aqueous | | 0 | Special Waste | Groundwater | | |
| X Standard | 1-2 Day (100% Surcharge) | Dining instructions | | | | | z | _ | que | | Sinda | ial/ | Ind | Lead | |
| Other | 🔲 3 Day (50% Surcharge) | | HNO3 UNPRES | NaOI | H2SO4 | HCL | taine NaHSO4 | OTHE | Snc | | - 6 | Nas | vate | E200. | |
| Lab Use Only | Sample Identification | Date/Time Sampled | BS BS | - | 4 | | 4 | R | ā | | | Ŕ | 4 | 0,8 | |
| 24062353-04 | OMS-40 | 6/26/24 8:10 | 1 | | | | | | | X | | _ | | Х | |
| -042 | | 8:11 | 1 | | | | | | | X | | | | Х | |
| | OMS-24-2 | T | 1 | | | | | | | X | | | | Х | |
| -044 | | SIR | 1 | | | | | | | X | | | | Х | |
| -045 | FRE-25-3 | 8:39 | 1 | | | | | | | X | | | | X | |
| -046 | FRE-62 | 8:43 | 1 | | | | | | , | X | | | | Х | |
| -047 | RUC - 93-7 | 9:10 | 1 | | | | | | | X | | | | X | |
| -048 | BHS-122-2 | 9:20 | 1 | | | | | | | X | | | | X | |
| -049 | 125-2 | 1 | 1 | | | | | | | X | - | | | X | |
| ~050 | 126-2 | | 1 | | | | | | | X | | | | X | |
| ~ 0 20 | Relinguished By | | Dat | e/Ti | me | | | | | | | | Re | 2eiv | /ed By / Date/Time |
| Rull | udan | 6/27/ | | | | R | > | | | | ζ | L | | | 6/28/21 140- |
| / | 17 | | Jay | / | / | 15 | 50 | P | | | 6 | h | Ň | h | MORD 6/28/24 1550 |
| <u>C</u> | | | port | | | | <u> </u> | | | | | ~ ~ | | | |
| | | | | | | | | | | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481

pg. 5 of 6 Work order # 24062353



pg. 6 of Work order # 2406 2353

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

| Client: | Geotechnology, L | LC | | | | | | | Sa | mp | oles | on: | 1 | ICE | |
|--|------------------------------|--------------------------------|----------------|----------|-------|-----------|----------------|----------|---------------------------|------|--------|---------------|---------------|----------|-----------------------------|
| Address: | 11816 Lackland F | Road | | | | | | | Pro | ese | erve | d in | | LAB | B FIELD FOR LAB USE ONLY |
| City / State | / Zip St. Louis, MO 63 | 146 | _ | | | | | | La | b١ | lote | s | | | : |
| Contact: | Brad Lohrum | Phone | e: (| 314) | 997-7 | 7440 | | | | | | | | | |
| E-Mail: | blohrum@teamues.com | Fax: | | <u>-</u> | | | | | Clie | ent | Co | mm | ent | s: | |
| Are these sample | s known to be involved in li | itigation? If yes, a surcharge | will app | ly | [] Y | 'es | X | No | 1 | | | | | | |
| | s known to be hazardous? | | | | | - | | | | | | | | | |
| Are there any requiring the community of | nent section. Yes | met on the requested analys | is?. If ye | es, pi | lease | provi | de | | | | | | | | |
| Project | Name/Number | Sample Co | lector | 's N | lame | € | | | L | M/ | ATR | IX | | | INDICATE ANALYSIS REQUESTED |
| J04 | 4517.01 | Brad L | ohrun | n | | | | | | | | s | 6 | DW | |
| Result | s Requested | Billing Instructions | # and | | e of | Cont | aine | 5 | Drinking Water Aqueous | | S | Special Waste | Groundwater | / - Le | |
| | 1-2 Day (100% Surcharge) | | ςŢ | z | H. | | aine NaHSO4 | 0 | ng | Soli | Sludge | al M | ndw | Lead | |
| Other | 3 Day (50% Surcharge) | | HNO3 UNPRES | Ia OH | 2SO | MeOH | HSO | H H | us J | | ē | Vast | /ate | E200. | |
| Lab Use Only | Sample Identification | Date/Time Sampled | 5 | | - | | 4 4 | ٦ | er | | | ſ | | 0.8 8 | |
| 24062353-51 | BHS-130-2 | . 6126124 9:24 | 1 | | | | | | <u> </u> | | | | | Х | |
| -52- | BHS-222 | 1 9:30 | 1 | | | | | |) | | | | | X | |
| -53 | 1 2.23 | | 1 | | | | | | > | | | | | Х | |
| ~5Y | 7.24 | | 1 | | | | | | | | | | | Х | |
| -55 | 225 | | 1 | | | | | | X | | | | | Х | |
| -54 | 7.26 | 9:15 | 1 | | | | | | | | | | | Х | |
| | - 227 | 44 | 1 | | | | | | X | | | | | Х | |
| | | | | | | 1 | | | T | T | | | | | |
| | | | | | | 1 | \uparrow | | | 1 | | 1 | | | |
| | | | | | | 1 | | | 1 | T | 1 | | | | |
| | Relinguished By | | Date | e/Tit | ne | | | Ţ | | | - | 9 | Re | ceiv | ved By Dáte/Time |
| Bud | 200 dam | - 6/27 | 24 | (| 7: | <u>30</u> | > | | | | (| | STREET MARKET | | 6/28/21 1400 |
| | 0/ | - 2/2 | Y by | | 1 | 5 | 50 | | | | | h | n | h | Reed 6/28/24 1550 |
| | | | <i>, , ,</i> | | | | | | | | | | | | |
| | | | | | | | | | , | | | | | | |

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 80481



APPENDIX D

LIMITATIONS OF REPORT

ENVIRONMENTAL SAMPLING LIMITATIONS OF REPORT

- 1. The Report has been prepared on behalf of and for the exclusive use of the addressee, solely for use in documenting specific sample results. This report and the findings contained herein shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without the prior written consent of UES.
- 2. The sampling was performed in accordance with generally accepted practices of other consultants undertaking similar projects at the same time and in the same geographical area, and UES endeavored to observe that degree of care and skill ordinarily exercised by other consultants under similar circumstances and conditions. The findings and conclusions stated herein must be considered not as scientific certainties, but rather as professional opinions concerning the significance of the limited data gathered during the course of the project. UES does not and cannot represent that the site contains no hazardous waste or material, or other latent condition beyond that observed by UES.
- 3. In the event that information is developed relative to environmental or hazardous waste or material issues at the site and not contained in this report, such information shall be brought to UES' attention. UES will evaluate such information and, based on this evaluation, may modify the conclusions stated in this Report.
- 4. The conclusions and recommendations contained in this Report are based in part upon the data obtained from a limited number of water samples. The identified presence of contaminated water is limited to the extent that they could be identified by instrumentation and sampling and testing. There is a potential for contaminated water above the indicated concentrations to occur elsewhere on the site. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, and/or if changes are made in regulations, it will be necessary to reevaluate the conclusions and recommendations of this report.
- 5. If quantitative laboratory testing was performed as part of the assessment by an outside laboratory, UES has relied upon the data provided, and has not conducted an independent evaluation of the reliability to these data.
- 6. Chemical analyses have been performed for specific parameters during the course of this sampling as described in the text. Do not assume that a given analyte is not present at the site simply because it was not present at the test locations. The analyte may exist on the site where tests were not performed. In addition, it should be noted that additional chemical constituents not tested for during the sampling could be present in water at the site.