

From: [Eric Carlson](#)
To: [Patel, Ragesh](#); [Brown, C David](#)
Cc: [Brunt, Larry](#); [Costello, Andrea](#); [Sabetta, Matthew](#); [McCarthy, Christine](#); [Mcclennen, Bonnie](#); [Anthony J. Reitano](#)
Subject: RE: [External] RE: DEP meeting with Alliance 51st Street
Date: Thursday, August 8, 2024 5:36:54 PM
Attachments: [image001.png](#)
[IMG_1670.pdf](#)
[IMG_1659.pdf](#)
[IMG_1660.pdf](#)
[IMG_1671.pdf](#)
[Table 1_2024-08-06_Confirmation_Soil_Sample_Results_S-3_S-8_and_S-10.pdf](#)
[L2444177.pdf](#)

Ragesh and David:

As indicated in the e-mails to Matt earlier this week, Arcadis collected samples on Tuesday after completion of the cleanup efforts last week at locations S-3, S-8 and S-10. We previously sent you the photos of those areas after the cleanup. We received the laboratory results based upon expedited lab turnaround and are pleased to report all the hexavalent chromium results are non-detects. The sample results are summarized on the attached table and the laboratory report is also attached.

We also want you to know we have been monitoring the drainage swale modifications made with regard to the stormwater leaving the site and the condition of the trail next to the site, particularly after the heavy rains this week. Attached are a few photos from the trail from this morning. The modifications have been very effective in preventing any colored water from leaving the site.

Any questions, please let us know.

Thanks,
Eric

Eric B. Carlson
Alliance HP
40 Morris Ave. Suite 230
Bryn Mawr, PA 19010
(757) 560-0853 / ecarlson@alliancehp.com

From: Patel, Ragesh <rapatel@pa.gov>
Sent: Friday, August 2, 2024 10:26 AM
To: Anthony J. Reitano <areitano@heroldlaw.com>; Eric Carlson <ecarlson@alliancehp.com>; Sabetta, Matthew <msabetta@pa.gov>
Cc: Brunt, Larry <Larry.Brunt@arcadis.com>; Costello, Andrea <acostello@pa.gov>; McCarthy, Christine <chmccarthy@pa.gov>; Mcclennen, Bonnie <bmccclennen@pa.gov>
Subject: RE: [External] RE: DEP meeting with Alliance 51st Street

Good Morning Mr. Reitano,

As of now, we have no plans to sample the cleaned up area. If you would like to collect samples and demonstrate under Act 2 that cleanup has been completed and it has met the standards. This would help for the future approvals.

Also, public may ask the question and if we have the results, it would be helpful.

Any further characterization and or cleanup performed, it would be wise to have post remediation sample taken for the proof that remediation has been completed properly.

Ragesh

Ragesh R Patel (he/him/his) | Environmental Program Manager
Department of Environmental Protection | Southeast Regional Office
2 E. Main Street | Norristown, PA 19401
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From: Anthony J. Reitano <areitano@heroldlaw.com>

Sent: Friday, August 2, 2024 10:18 AM

To: 'Eric Carlson' <ecarlson@alliancehp.com>; Patel, Ragesh <rapatel@pa.gov>; Sabetta, Matthew <msabetta@pa.gov>

Cc: Brunt, Larry <Larry.Brunt@arcadis.com>; Costello, Andrea <acostello@pa.gov>; McCarthy, Christine <chmccarthy@pa.gov>; McClennen, Bonnie <bmccclennen@pa.gov>

Subject: RE: [External] RE: DEP meeting with Alliance 51st Street

Ragesh and Matt:

We understand David is on vacation until week after next. Just following up to Eric's e-mail below. Is there any plans to resample in the three areas. If so, we would like to have Arcadis there to take split samples (true splits as was discussed during the Tuesday discussion). Appreciate your response on this.

Regards, Anthony



ANTHONY J. REITANO, ESQ.

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From: Eric Carlson <ecarlson@alliancehp.com>

Sent: Thursday, August 1, 2024 4:12 PM

To: Brown, C David <cdbrown@pa.gov>

Cc: Anthony J. Reitano <areitano@heroldlaw.com>; Brunt, Larry <Larry.Brunt@arcadis.com>; Patel, Ragesh <rapatel@pa.gov>; Sabetta, Matthew <msabetta@pa.gov>; Costello, Andrea <acostello@pa.gov>; McCarthy, Christine <chmccarthy@pa.gov>; McClennen, Bonnie <bmccclennen@pa.gov>

Subject: RE: [External] RE: DEP meeting with Alliance 51st Street

Dave – The cleanup effort at S-3, S-8, and S-10 was completed today.

Please see attached images of each location after the cleanup occurred.

Eric

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From: Eric Carlson

Sent: Wednesday, July 31, 2024 1:34 PM

To: Brown, C David <cdbrown@pa.gov>

Cc: Anthony J. Reitano <areitano@heroldlaw.com>; Brunt, Larry <Larry.Brunt@arcadis.com>; Patel, Ragesh <rapatel@pa.gov>; Sabetta, Matthew <msabetta@pa.gov>; Costello, Andrea <acostello@pa.gov>; McCarthy, Christine <chmccarthy@pa.gov>; McClennen, Bonnie <bmccclennen@pa.gov>

Subject: RE: [External] RE: DEP meeting with Alliance 51st Street

Dave – I'm following up to confirm that the additional cleanup around the areas of S-3, S-8, and S-10 will occur before the end of the week.

Thanks,
Eric

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From: Eric Carlson

Sent: Tuesday, July 30, 2024 11:21 AM

To: Brown, C David <cdbrown@pa.gov>

Cc: Anthony J. Reitano <areitano@heroldlaw.com>; Brunt, Larry <Larry.Brunt@arcadis.com>; Patel, Ragesh <rapatel@pa.gov>; Sabetta, Matthew <msabetta@pa.gov>; Costello, Andrea <acostello@pa.gov>; McCarthy, Christine <chmccarthy@pa.gov>; Mcclennen, Bonnie <bmclennen@pa.gov>

Subject: RE: [External] RE: DEP meeting with Alliance 51st Street

Mr. Patel – Please find the two images that you requested.

Eric

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From: Eric Carlson

Sent: Monday, July 29, 2024 4:21 PM

To: Brown, C David <cdbrown@pa.gov>

Cc: Anthony J. Reitano <areitano@heroldlaw.com>; Brunt, Larry <Larry.Brunt@arcadis.com>; Patel, Ragesh <rapatel@pa.gov>; Sabetta, Matthew <msabetta@pa.gov>; Costello, Andrea <acostello@pa.gov>; McCarthy, Christine <chmccarthy@pa.gov>; Mcclennen, Bonnie <bmclennen@pa.gov>

Subject: RE: [External] RE: DEP meeting with Alliance 51st Street

Dave – In anticipation of our call tomorrow, please find within this email the following items. Could you also please forward the DEP’s testing results prior to our call?

1. Draft NIR. We’d like to review our draft NIR on the call tomorrow before formally submitting.
2. Soil/water testing results. We note that the hex chrom data from our samples is well below the soil standard.
3. Scope status and inspection reports. Please see below updates as to our scope of work as well as addressing inspection reports. The referenced images can be found here.

<https://www.dropbox.com/t/hD5kLu7o8PPwkexy>

Status of Scope provided by Anthony Reitano to Dave Brown via email on 7/19/2024.

1. Scope item 1 - Schuylkill River Trail – Clean up sediment/debris within the trail from location of the stormwater swale on the Alliance site to under and southeast of the railroad bridge and Install compost filter sock in front of the “drainage ports” in the walls in the vicinity of the railroad bridge.
 1. Status – Complete.

2. Reference Images – Image 1, Image 2, Image 3, Image 4, Image 10
2. Scope item 2-Scrap sediments in drainage swale downstream of existing berms.
 1. Status – Complete.
 2. Reference Images – Image 5
3. Scope item 3-Four (4) Existing Berms in Swale – Repair degraded berm(s) and add stone to upstream side of berms to reinforce.
 1. Status – Completed 7/22/2024.
 2. Reference Images – Image 6
4. Scope item 4 - Super Silt Fence – Two (2) rows of super silt fence to be placed inside fence line, but at the end of the swale on the Alliance property.
 1. Status – Completed 7/22/2024.
 2. Reference Images – Image 1
5. Scope item 5 - Two (2) Rock Filters- Install 2 rock berms, upstream of the Super Silt Fence
 1. Status – Completed.
 2. Reference Images – Image 7, Image 8
6. Scope item 6 - On-site Silt Sock. - Correct compost filter sock installation at NW area where there is a gap under the sock.
 1. Status – Complete.
 2. Reference Image – Image 9.

Chapter 102 Inspection Report from Carol Canigiani provided 7/24/2024 (inspection from 7/18/2024).

Emailed response from Sean Gallagher on 7/24/2024 – Please see pdf named “51st Street E&S Corrective Measures.pdf”

PWD Inspection 7/25/2025 by Andre Carpenter PWD.

1. Comment 1-Inlets on 51st Street (9 in total) must be protect with inlet bags and/or compost filter socks.
 1. Complete. See representative images – Image 11, image 12
2. Comment 2 - 2 of 3 outlets on Bartram’s Mile Trail under the railroad tracks are protected with compost filter sock. The third outlet must be protected with compost filter sock.
 1. Reference Image – Image 13
3. Comment 3 - Continue to address the E&S concerns from 7/18/2024 visit.
 1. Acknowledged.

PWD Inspection 7/18/2024 by Bao Nguyen PWD.

1. Comment 1 – Joint visit with PADEP in response to sediment runoff complaint.
2. Comment 2 – Install additional filtration and protection at SE of site where stormwater exits into Bartram’s Mile Trail.
 1. Reference image – Image 1, image 7, and image 8.
3. Comment 3 - Correct compost filter sock installation at NW area where there is a gap under the sock.
 1. Reference Image – Image 9.
4. Comment 4 – Remove sediment runoff from Bartram’s Mile Trail under railroad tracks.
 1. Reference Images – Image 1, Image 2, Image 3, Image 4, Image 10

5. Comment 5 – Fully cover stormwater discharge pipes at Bartram’s mile Trail under railroad tracks using compost filter socks.

1. See Image 4, Image 10, Image 13

Thanks,
Eric

Eric B. Carlson
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(757) 560-0853 / ecarlson@alliancehp.com

From: Brown, C David <cdbrown@pa.gov>
Sent: Friday, July 26, 2024 1:29 PM
To: Eric Carlson <ecarlson@alliancehp.com>
Cc: Anthony J. Reitano <areitano@heroldlaw.com>; Brunt, Larry <Larry.Brunt@arcadis.com>; Patel, Ragesh <rapatel@pa.gov>; Sabetta, Matthew <msabetta@pa.gov>; Costello, Andrea <acostello@pa.gov>; McCarthy, Christine <chmccarthy@pa.gov>; McClennen, Bonnie <bmccclennen@pa.gov>
Subject: RE: [External] RE: DEP meeting with Alliance 51st Street

Thanks Eric. We’re scheduled for Tuesday.

As I mentioned, the cleanup of the trail area must be prompt to allow Bartram’s Garden to reopen it to the public. We ask that, as soon as practicable, you remove all soil that was identified in the 7/22/2024 samples with chromium-VI exceeding the Act 2 Statewide health standard residential MSC (37 mg/kg). Our results indicate exceedances at locations S3, S7, S8, and S10. Please inform us when that work is complete. We anticipate returning to collect confirmation samples.

-David

From: Eric Carlson <ecarlson@alliancehp.com>
Sent: Friday, July 26, 2024 12:44 PM
To: Brown, C David <cdbrown@pa.gov>
Cc: Anthony J. Reitano <areitano@heroldlaw.com>; Brunt, Larry <Larry.Brunt@arcadis.com>; Patel, Ragesh <rapatel@pa.gov>; Sabetta, Matthew <msabetta@pa.gov>; Costello, Andrea <acostello@pa.gov>
Subject: [External] RE: DEP meeting with Alliance 51st Street

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Dave – Thanks for taking my call. To confirm from our conversation.

~Tuesday at 10:30 AM works best for us.

~We are getting our results in, reviewing, and will provide them to you on Monday.

~We will prepare an email response with images of the efforts we've made this week on Monday.

~Please include Anthony Reitano, Alliance's environmental counsel on the invitation.

Eric

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From: Brown, C David <cdbrown@pa.gov>

Sent: Friday, July 26, 2024 10:15 AM

To: Eric Carlson <ecarlson@alliancehp.com>

Cc: Anthony J. Reitano <areitano@heroldlaw.com>; Brunt, Larry <Larry.Brunt@arcadis.com>; Patel, Ragesh <rapatel@pa.gov>; Sabetta, Matthew <msabetta@pa.gov>; Costello, Andrea <acostello@pa.gov>

Subject: DEP meeting with Alliance 51st Street

Eric,

Please let us know if you team is available for a virtual meeting next week to discuss sample results and remedial actions for the Bartram's Trail at one of these two times:

Monday at 2:00

Tuesday at 10:30.

I anticipate we'll need up to an hour. We suggest that this be a technical meeting without counsel.

Please provide your results from the trail and river samples collected on July 22nd when they're available (data table and lab reports). We've received our sample results and we should be able to share them early next week.

-David

C. David Brown P.G. | Professional Geologist Manager

Environmental Cleanup & Brownfields Program

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Table 1
Summary of Soil Sampling Results- August 6, 2024
Alliance 51st Street LLC
1646 South 51st Street
Philadelphia, Pennsylvania

SAMPLE ID:	Pennsylvania Residential Direct Contact Soil MSCs Criteria (mg/kg)	DEP51-S3				DEP51-S8				DEP51-S10			
LAB ID:		L2444177-01				L2444177-02				L2444177-03			
COLLECTION DATE:		8/6/2024				8/6/2024				8/6/2024			
SAMPLE MATRIX:		SOIL				SOIL				SOIL			
ANALYTE	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
GENERAL CHEMISTRY													
Chromium, Trivalent*	190000	266				163				1000			
Chromium, Hexavalent	37	0.198	U	0.992	0.198	0.246	U	1.23	0.246	0.238	U	1.19	0.238
Solids, Total	NS	80.6		0.1	NA	64.9		0.1	NA	67.1		0.1	NA
TOTAL METALS													
Chromium, Total	NS	266		0.947	0.091	163		1.19	0.114	1000		1.17	0.112

NOTES:

MSC - Medium Specific Concentration

PADEP - Pennsylvania Department of Environmental Protection

Q - Qualifier

Conc - Concentration

RL - Reporting Limit

MDL - Minimum Detection Limit

GW - Groundwater

* calculated based on the difference between detected total chromium and hexavalent chromium concentrations

U - Compound was undetected at the listed laboratory method detection limit.

Concentrations reported in milligrams per kilogram (mg/kg)



ANALYTICAL REPORT

Lab Number:	L2444177
Client:	Arcadis U.S., Inc 1 Harvard Way Suite 5 Hillsborough, NJ 08844
ATTN:	Larry Brunt
Phone:	(908) 526-1000
Project Name:	ALLISURE 51ST
Project Number:	30108678
Report Date:	08/07/24

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: ALLISURE 51ST
Project Number: 30108678

Lab Number: L2444177
Report Date: 08/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2444177-01	DEP51-S3	SOIL	PHILA, PA	08/06/24 10:55	08/06/24
L2444177-02	DEP51-S8	SOIL	PHILA, PA	08/06/24 11:00	08/06/24
L2444177-03	DEP51-S10	SOIL	PHILA, PA	08/06/24 11:05	08/06/24

Project Name: ALLISURE 51ST
Project Number: 30108678

Lab Number: L2444177
Report Date: 08/07/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: ALLISURE 51ST
Project Number: 30108678

Lab Number: L2444177
Report Date: 08/07/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2444177-01 through -03: The sample has an elevated detection limit for chromium due to the dilution required by the sample matrix.

The WG1956229-3 MS recovery for chromium (343%), performed on L2444177-01, does not apply because the sample concentration is greater than four times the spike amount added.

The WG1956229-4 Laboratory Duplicate RPD for chromium (29%), performed on L2444177-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Tiffani Morrissey

Title: Technical Director/Representative

Date: 08/07/24

METALS

Project Name: ALLISURE 51ST

Lab Number: L2444177

Project Number: 30108678

Report Date: 08/07/24

SAMPLE RESULTS

Lab ID: L2444177-01

Date Collected: 08/06/24 10:55

Client ID: DEP51-S3

Date Received: 08/06/24

Sample Location: PHILA, PA

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	266		mg/kg	0.947	0.091	2	08/07/24 08:15	08/07/24 11:53	EPA 3050B	1,6010D	JMF



Project Name: ALLISURE 51ST

Lab Number: L2444177

Project Number: 30108678

Report Date: 08/07/24

SAMPLE RESULTS

Lab ID: L2444177-02

Date Collected: 08/06/24 11:00

Client ID: DEP51-S8

Date Received: 08/06/24

Sample Location: PHILA, PA

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	163		mg/kg	1.19	0.114	2	08/07/24 08:15	08/07/24 11:41	EPA 3050B	1,6010D	JMF



Project Name: ALLISURE 51ST
Project Number: 30108678

Lab Number: L2444177
Report Date: 08/07/24

SAMPLE RESULTS

Lab ID: L2444177-03
 Client ID: DEP51-S10
 Sample Location: PHILA, PA

Date Collected: 08/06/24 11:05
 Date Received: 08/06/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 67%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Chromium, Total	1000		mg/kg	1.17	0.112	2	08/07/24 08:15	08/07/24 11:45	EPA 3050B	1,6010D	JMF



Project Name: ALLISURE 51ST

Lab Number: L2444177

Project Number: 30108678

Report Date: 08/07/24

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1956229-1									
Chromium, Total	ND	mg/kg	0.400	0.038	1	08/07/24 08:15	08/07/24 11:33	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALLISURE 51ST

Lab Number: L2444177

Project Number: 30108678

Report Date: 08/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1956229-2								
Chromium, Total	98		-		80-120	-		

Matrix Spike Analysis Batch Quality Control

Project Name: ALLISURE 51ST
Project Number: 30108678

Lab Number: L2444177
Report Date: 08/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1956229-3 QC Sample: L2444177-01 Client ID: DEP51-S3												
Chromium, Total	266	18.6	330	343	Q	-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALLISURE 51ST

Project Number: 30108678

Lab Number: L2444177

Report Date: 08/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1956229-4 QC Sample: L2444177-01 Client ID: DEP51-S3						
Chromium, Total	266	357	mg/kg	29	Q	20

INORGANICS & MISCELLANEOUS

Project Name: ALLISURE 51ST

Lab Number: L2444177

Project Number: 30108678

Report Date: 08/07/24

SAMPLE RESULTS

Lab ID: L2444177-01

Date Collected: 08/06/24 10:55

Client ID: DEP51-S3

Date Received: 08/06/24

Sample Location: PHILA, PA

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.6		%	0.100	NA	1	-	08/07/24 01:39	121,2540G	WJM
Chromium, Hexavalent	ND		mg/kg	0.992	0.198	1	08/07/24 04:51	08/07/24 09:14	1,7196A	LOF



Project Name: ALLISURE 51ST

Project Number: 30108678

Lab Number: L2444177

Report Date: 08/07/24

SAMPLE RESULTS

Lab ID: L2444177-02

Client ID: DEP51-S8

Sample Location: PHILA, PA

Date Collected: 08/06/24 11:00

Date Received: 08/06/24

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	64.9		%	0.100	NA	1	-	08/07/24 01:39	121,2540G	WJM
Chromium, Hexavalent	ND		mg/kg	1.23	0.246	1	08/07/24 04:51	08/07/24 09:14	1,7196A	LOF



Project Name: ALLISURE 51ST
Project Number: 30108678

Lab Number: L2444177
Report Date: 08/07/24

SAMPLE RESULTS

Lab ID: L2444177-03
Client ID: DEP51-S10
Sample Location: PHILA, PA

Date Collected: 08/06/24 11:05
Date Received: 08/06/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	67.1		%	0.100	NA	1	-	08/07/24 01:39	121,2540G	WJM
Chromium, Hexavalent	ND		mg/kg	1.19	0.238	1	08/07/24 04:51	08/07/24 09:14	1,7196A	LOF



Project Name: ALLISURE 51ST
Project Number: 30108678

Lab Number: L2444177
Report Date: 08/07/24

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1956213-1									
Chromium, Hexavalent	ND	mg/kg	0.800	0.160	1	08/07/24 04:51	08/07/24 09:14	1,7196A	LOF

Lab Control Sample Analysis

Batch Quality Control

Project Name: ALLISURE 51ST

Lab Number: L2444177

Project Number: 30108678

Report Date: 08/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1956213-2								
Chromium, Hexavalent	95		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ALLISURE 51ST

Lab Number: L2444177

Project Number: 30108678

Report Date: 08/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1956213-4 QC Sample: L2444177-01 Client ID: DEP51-S3												
Chromium, Hexavalent	ND	1290	1240	96		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ALLISURE 51ST

Project Number: 30108678

Lab Number: L2444177

Report Date: 08/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1956179-1 QC Sample: L2444064-01 Client ID: DUP Sample						
Solids, Total	89.5	89.4	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1956213-6 QC Sample: L2444177-01 Client ID: DEP51-S3						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: ALLISURE 51ST**Lab Number:** L2444177**Project Number:** 30108678**Report Date:** 08/07/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2444177-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		CR-TI(180)
L2444177-01B	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		TS(7),HEXCR-7196(30)
L2444177-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		CR-TI(180)
L2444177-02B	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		TS(7),HEXCR-7196(30)
L2444177-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Absent		CR-TI(180)
L2444177-03B	Glass 120ml/4oz unpreserved	A	NA		2.8	Y	Absent		TS(7),HEXCR-7196(30)

Project Name: ALLISURE 51ST
Project Number: 30108678

Lab Number: L2444177
Report Date: 08/07/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: ALLISURE 51ST
Project Number: 30108678

Lab Number: L2444177
Report Date: 08/07/24

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: ALLISURE 51ST
Project Number: 30108678

Lab Number: L2444177
Report Date: 08/07/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: ALLISURE 51ST
Project Number: 30108678

Lab Number: L2444177
Report Date: 08/07/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



NEW JERSEY CHAIN OF CUSTODY

Service Centers
 Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
 Albany, NY 12205: 14 Walker Way
 Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page
1 of 1

Date Rec'd in Lab
8/7/24

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-8220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3286

Project Information

Project Name: *Allstate 51st*
 Project Location: *Rt 6, N*
 Project # *30108676*
 (Use Project name as Project #)

Deliverables

NJ Full / Reduced
 EQUS (1 File) EQUS (4 File)
 Other

Same as Client Info
 PO #

Client Information

Client: *Arredit*
 Address: *1 Hancock by Site # Hillsboro NJ*
 Phone: *908-526-1000*
 Fax:
 Email: *Larry.Breit@Arredit.com*

Project Manager: *Larry Breit*
 ALPHAQuote #:

Regulatory Requirement

SRS Residential/Non Residential
 SRS Impact to Groundwater
 NJ Ground Water Quality Standards
 NJ IGW SPLP Leachate Criteria
 Other

Turn-Around Time

Standard Due Date:
 Rush (only if pre approved) # of Days: *24 hours*

Site Information

Is this site impacted by Petroleum? Yes
 Petroleum Product:

These samples have been previously analyzed by Alpha

For EPH, selection is REQUIRED:
 Category 1
 Category 2

For VOC, selection is REQUIRED:
 1,4-Dioxane
 8011

Other project specific requirements/comments:
 Please specify Metals or TAL.

ANALYSIS

<i>(C)</i>	<i>(C)</i>																		
------------	------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Sample Filtration

Done
 Lab to do
 Preservation
 Lab to do
 (Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS										Sample Specific Comments	Total Bottles			
		Date	Time																	
<i>44177-01</i>	<i>Veg 51-53</i>	<i>8/6/24</i>	<i>10:05</i>	<i>(C)</i>	<i>(C)</i>	<i>X</i>	<i>X</i>													
<i>02</i>	<i>DRP 51-58</i>	<i>↓</i>	<i>11:00</i>	<i>↓</i>	<i>↓</i>	<i>X</i>	<i>X</i>													
<i>03</i>	<i>DRP 51-510</i>	<i>↓</i>	<i>11:05</i>	<i>↓</i>	<i>↓</i>	<i>X</i>	<i>X</i>													

Preservative Code:
 A = None
 B = HCl
 C = HNO₃
 D = H₂SO₄
 E = NaOH
 F = MeOH
 G = NaHSO₄
 H = Na₂S₂O₇
 K/E = Zn Ac/NaOH
 O = Other

Container Code:
 P = Plastic
 A = Amber Glass
 V = Vial
 G = Glass
 B = Bacteria Cup
 C = Cube
 O = Other
 E = Encore
 D = BOD Bottle

Westboro: Certification No: MA935
 Mansfield Certification No: MA015

Container Type: *A A*
 Preservative: *A A*

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time
<i>MHA Th. Giff</i>	<i>8/6/24 12:00</i>	<i>Guadalupe Pina</i>	<i>8/6/24 12:00</i>
<i>Guadalupe Pina</i>	<i>8/10/24 15:00</i>	<i>M. Pina</i>	<i>8/6/24 15:00</i>
<i>M. Pina</i>	<i>8/6/24 15:00</i>	<i>M. Pina</i>	<i>8/19/24 05:00</i>
<i>M. Pina</i>	<i>8/6/24 15:00</i>	<i>M. Pina</i>	<i>8/6/24 22:00</i>

1/8/24 050 Tyler D. ... 7/8/24 0230