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CERTIFICATE OF ANALYSIS

Work Order

HN2516911

Client

Egis Engineering

Project

549 Washington

Project Date

November 07, 2025

Reporting Contact

Craig Willey



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November 14, 2025

Craig Willey
Egis Engineering
48797 Alpha DR
STE 130
Wixom, MI 48393

Re: **549 Washington**

Date Received: **11/07/2025**

Work Order: **HN2516911**

Dear Craig,

Enclosed are the results of the sample(s) submitted to our laboratory.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Brian Grzan

/S/ **BRIAN GRZAN**

Project Manager



Client: Egis Engineering
Project: 549 Washington

Work Order: HN2516911
Date Received: 07-Nov-2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt

1 groundwater sample was received for analysis at ALS Environmental on 07-Nov-2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

SAMPLE DETECTION SUMMARY

This form includes only detections above the limits as presented.

For a full listing of sample results, continue to the Sample Results section of this Report.



CLIENT ID: 549 Washington - W - 20251106

Lab ID: HN2516911-001

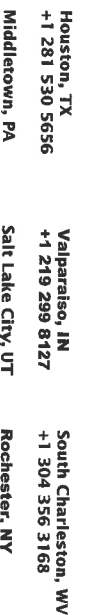
Analyte	Results	Flag	MDL	MRL	Units	Method
Actinolite (Fibers)	0				Fibers	EPA 100.2 Mod
Actinolite (MFL)	<AS				MFL	EPA 100.2 Mod
Amosite (Fibers)	0				Fibers	EPA 100.2 Mod
Amosite (MFL)	<AS				MFL	EPA 100.2 Mod
Anthophyllite (Fibers)	0				Fibers	EPA 100.2 Mod
Anthophyllite (MFL)	<AS				MFL	EPA 100.2 Mod
AS (MFL)	2.69				MFL	EPA 100.2 Mod
Avg. Opening Area (mm2)	0.0100				mm ²	EPA 100.2 Mod
Chrysotile (Fibers)	27				Fibers	EPA 100.2 Mod
Chrysotile (MFL)	72.56				MFL	EPA 100.2 Mod
Collection	11/6/25 15:06				-	EPA 100.2 Mod
Crocidolite (Fibers)	0				Fibers	EPA 100.2 Mod
Crocidolite (MFL)	<AS				MFL	EPA 100.2 Mod
Elapsed	4days21hrs14min s				-	EPA 100.2 Mod
Filtration	11/11/25 12:20				-	EPA 100.2 Mod
No. Openings Analyzed	4				-	EPA 100.2 Mod
Total Asbestos (Fibers)	27				Fibers	EPA 100.2 Mod
Total Asbestos (MFL)	72.56				MFL	EPA 100.2 Mod
Tremolite (Fibers)	0				Fibers	EPA 100.2 Mod
Tremolite (MFL)	<AS				MFL	EPA 100.2 Mod
Volume (L)	0.010				L	EPA 100.2 Mod

SAMPLE SUMMARY



Client: Egis Engineering
Project: 549 Washington
Workorder: HN2516911

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2516911-001	549 Washington - W - 20251106	GROUNDWATER	11/06/25 15:06	11/07/25 13:30



COCID: 077444

**Hold**

ALS-COC-2022-R00



ALS Holland
3352 128th Ave., Holland MI 49424

ALS Holland Sample Receiving Checklist

Received by:

Brittany H
11/7/25 1330

Date/Time:

Carrier Name:

Courier

Shipping container/cooler in good condition?

☒ Yes / No / Not Present

Custody seals intact on shipping container/cooler?

Yes / No / ☒ Not Present

Custody seals intact on sample bottles?

Yes / No / ☒ Not Present

Chain of Custody present?

☒ Yes / No

COC signed when relinquished and received?

☒ Yes / No

COC 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

Container/Temp Blank temperature in compliance?

☒ Yes / No

Temperature(s) (°C):

2.6/2.6c

Thermometer(s):

IR7

Sample(s) received on ice?

☒ Yes / No

Matrix/Matrices:

Water

Cooler(s)/Kit(s):

1

Date/Time sample(s) sent to storage:

11/10/25 10:28

Water – VOA vials have zero headspace?

Yes / No / ☒ No Vials

Water – pH acceptable upon receipt?

Yes / No / ☒ N/A

pH strip lot #: _____ < 2 _____ > 12 _____ Other _____

pH adjusted (note adjustments below)?

Yes / No / ☒ N/A

pH adjusted by:

Login Notes:

REPORT QUALIFIERS AND DEFINITIONS

*	Value exceeds Regulatory Limit (if MCL displayed)
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
NC	Not Calculated
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
V	The Continuing Calibration Verification was outside of control criteria
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Holland Laboratory Certifications¹

Agency	Type	ID	Issued	Expires
Alabama	Drinking Water (Secondary)	42500	12/17/2024	12/31/2025
Colorado	UST		07/01/2025	06/30/2026
Connecticut	Drinking Water (Secondary)	PH-0155	12/10/2024	12/31/2026
Florida	NELAP (Primary)	E871106	07/01/2025	06/30/2026
Illinois	NELAP (Secondary)	200076	11/14/2024	12/31/2025
Indiana	Drinking Water (Secondary)	C-MI-08	12/31/2024	09/04/2026
Iowa	State Specific	403	09/18/2023	09/01/2025
Kansas	NELAP (Secondary)	E-10411	07/09/2024	07/31/2025
Kentucky	Waste Water	KY98004	12/20/2024	12/31/2025
Kentucky	UST	120474	06/24/2024	06/30/2025
Michigan	Drinking Water (Primary)	0022	12/19/2023	09/04/2026
Minnesota	NELAP (Secondary)	026-999-449	12/17/2024	12/31/2025
Missouri	Drinking Water (Secondary)	01262	11/14/2024	12/30/2027
New Jersey	NELAP (Secondary)	MI015	07/01/2024	6/30/2025
New York	NELAP (Secondary)	12128	04/01/2025	04/01/2026
North Dakota	State Specific	R-192	11/18/2024	06/30/2025
Ohio	Drinking Water (Secondary)	87783	06/26/2025	6/30/2026
Pennsylvania	NELAP (Secondary)	68-03827	06/14/2024	07/31/2025
Texas	NELAP (Secondary)	T104704494	02/12/2025	01/31/2026
USDA	Domestic CA	Soil-MI-007	02/06/2025	08/07/2026
USDA	Soil Import	525-23-62-77572	03/03/2023	03/03/2026
West Virginia	State Specific	355	06/07/2025	08/31/2026
Wisconsin	State Specific	399084510	08/15/2024	08/31/2025

¹ - Scope available upon request

ANALYST SUMMARY



Client: Egis Engineering
Project: 549 Washington

Work Order: HN2516911

Sample Name: 549 Washington - W - 20251106
Laboratory Code: HN2516911-001
Sample Matrix: GROUNDWATER

Date Collected: 11/06/25
Date Received: 11/07/25

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 100.2 Mod		001-AA			3678346	Pamela Hizar

Analytical Report



Client: Egis Engineering
Project: 549 Washington
Matrix: GROUNDWATER

Work Order: HN2516911
Date Collected: 11/06/25 15:06
Date Received: 11/07/25 13:30

CLIENT ID: 549 Washington - W - 20251106

Lab ID: HN2516911-001

Analyte	Method	Results	Qual	Units	MDL	MRL	Dilution Factor	Date Analyzed	Date Extracted
Asbestos by TEM									
Actinolite (Fibers)	EPA 100.2 Mod	0		Fibers			1	11/12/25 09:12	NA
Actinolite (MFL)	EPA 100.2 Mod	<AS		MFL			1	11/12/25 09:12	NA
Amosite (Fibers)	EPA 100.2 Mod	0		Fibers			1	11/12/25 09:12	NA
Amosite (MFL)	EPA 100.2 Mod	<AS		MFL			1	11/12/25 09:12	NA
Anthophyllite (Fibers)	EPA 100.2 Mod	0		Fibers			1	11/12/25 09:12	NA
Anthophyllite (MFL)	EPA 100.2 Mod	<AS		MFL			1	11/12/25 09:12	NA
AS (MFL)	EPA 100.2 Mod	2.69		MFL			1	11/12/25 09:12	NA
Avg. Opening Area (mm2)	EPA 100.2 Mod	0.0100		mm ²			1	11/12/25 09:12	NA
Chrysotile (Fibers)	EPA 100.2 Mod	27		Fibers			1	11/12/25 09:12	NA
Chrysotile (MFL)	EPA 100.2 Mod	72.56		MFL			1	11/12/25 09:12	NA
Collection	EPA 100.2 Mod	11/6/25 15:06		-			1	11/12/25 09:12	NA
Crocidolite (Fibers)	EPA 100.2 Mod	0		Fibers			1	11/12/25 09:12	NA
Crocidolite (MFL)	EPA 100.2 Mod	<AS		MFL			1	11/12/25 09:12	NA
Elapsed	EPA 100.2 Mod	4days21hrs14mins		-			1	11/12/25 09:12	NA
Filtration	EPA 100.2 Mod	11/11/25 12:20		-			1	11/12/25 09:12	NA
No. Openings Analyzed	EPA 100.2 Mod	4		-			1	11/12/25 09:12	NA
Total Asbestos (Fibers)	EPA 100.2 Mod	27		Fibers			1	11/12/25 09:12	NA
Total Asbestos (MFL)	EPA 100.2 Mod	72.56		MFL			1	11/12/25 09:12	NA
Tremolite (Fibers)	EPA 100.2 Mod	0		Fibers			1	11/12/25 09:12	NA
Tremolite (MFL)	EPA 100.2 Mod	<AS		MFL			1	11/12/25 09:12	NA
Volume (L)	EPA 100.2 Mod	0.010		L			1	11/12/25 09:12	NA