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NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
 State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343, NJ PA101

Analytical Results Report For **Township of Moorestown**
 Project Church Street
 Workorder 3425705
 Report ID 442388 on 7/25/2025

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Jul 15, 2025.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Kelli Wolfgang (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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 ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):
 Wayne McEwen - Township of Moorestown

Kelli Wolfgang

Kelli Wolfgang
 Project Coordinator

(ALS Digital Signature)

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Sample Summary

<u>Lab ID</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Collector</u>	<u>Collection Company</u>
3425705001	Church Street Carbon Eff	Drinking Water	07/15/2025 10:00	07/15/2025 20:05	WM	Township of Moorestown
3425705002	Trip Blank	Drinking Water	07/15/2025 10:00	07/15/2025 20:05	WM	Township of Moorestown



Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136, including but not limited to the following EPA Method reference revisions:
EPA 300.1 Rev. 1.0-1997
EPA 300.0 Rev. 2.1-1993
EPA 353.2 Rev. 2.0-1993
EPA 410.4 Rev. 1.0-1993
EPA 420.4 Rev. 1.0-1993
EPA 365.1 Rev. 2.0-1993
EPA 200.7 Rev. 4.4-1994
EPA 200.8 Rev. 5.4-1994
EPA 245.1 Rev. 3.0-1994
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.



Project Notations

Sample Notations

Lab ID **Sample ID**

Result Notations

Notation Ref.



Detected Results Summary

Not applicable for this WO.



Results

Client Sample ID	Church Street Carbon Eff	Collected	07/15/2025 10:00
Lab Sample ID	3425705001	Lab Receipt	07/15/2025 20:05

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,2,3-Trichloropropane	ND	ND	ug/L	0.019	0.0095	EPA 504.1	1	07/23/2025 16:11	WDA	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	EPA 504.1	1	07/23/2025 16:11	WDA	A
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0095	EPA 504.1	1	07/23/2025 16:11	WDA	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1-Chloro-2-Fluorobenzene	348-51-6	105%	70 - 130	07/23/2025 16:11	



Results

Client Sample ID	Trip Blank	Collected	07/15/2025 10:00
Lab Sample ID	3425705002	Lab Receipt	07/15/2025 20:05

VOLATILE ORGANICS

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
1,2,3-Trichloropropane	ND	ND	ug/L	0.019	0.0094	EPA 504.1	1	07/23/2025 16:26	WDA	A
1,2-Dibromo-3-chloropropane	ND	ND	ug/L	0.019	0.0046	EPA 504.1	1	07/23/2025 16:26	WDA	A
1,2-Dibromoethane	ND	ND	ug/L	0.019	0.0094	EPA 504.1	1	07/23/2025 16:26	WDA	A

SURROGATES

Compound	CAS No	Recovery	Limits(%)	Analysis Date/Time	Qualifiers
1-Chloro-2-Fluorobenzene	348-51-6	103%	70 - 130	07/23/2025 16:26	



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3425705001	Church Street Carbon Eff	EPA 504.1	EPA 504.1	
3425705002	Trip Blank	EPA 504.1	EPA 504.1	



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3425705001	Church Street Carbon Eff	EPA 504.1	1455421	07/23/2025 10:10	SPS	EPA 504.1	1455486
3425705002	Trip Blank	EPA 504.1	1455421	07/23/2025 10:10	SPS	EPA 504.1	1455486



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F. 717-944-1430

**CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS**
ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.

3425705

Logged By: SLS
PM: KLM



Client Name: Township of moorestown		Container Type	P	P	Information (complete by Receiving Lab)	
Address: 120 Kings Highway		Container Size	40 ml	40 ml	W.O. Temp: Therm ID:	
Contact: Wayne McEwen		Preservative	gm Sulfat	5203Na25203	Courier/Tracking #: Purchase Order #:	
Phone#: 609-790-6995		Project Name#: church street				
Project Name#: church street		Project Comments:				
Bill To: same		ALS Field Services: <input type="checkbox"/> Pickup <input type="checkbox"/> Labor <input type="checkbox"/> Composite Sampling <input type="checkbox"/> Rental Equipment Other:				
TAT <input checked="" type="checkbox"/> Normal-Standard TAT is 10-12 business days. <input type="checkbox"/> Rush-Subject to ALS approval and surcharges.		Sample/COC Comments				
Date Required: ASAP Approved?		Enter Number of Containers Per Sample or Field Results Below.				
Email? <input checked="" type="checkbox"/> -Y wmcwen@moorestown.nj.us						
Fax? <input type="checkbox"/> -Y No:						
Sample Description/Location (as it will appear on the lab report)		Date Collected mm/dd/yy	Time hh:mm	*G or C	**Matrix	
1	Church Street Carbon Eff	7/15/2025	10:00	G	R	504.1
2						504.1 trip blank
3						
4						
5						
6						
7						
8						
9						
10						
SAMPLER COMMENTS: Non-Compliance Samples -						
SAMPLER BY (Please Print): WAYNE MCEWEN		Date	Time	Received By / Company Name	Date	Time
1 Wayne McEwen		7/15/25	10:00	REC/ALS	7/15/25	12:10
3 Wayne McEwen		7/15/25	10:00	REC/ALS	7/15/25	20:05
5 Wayne McEwen						
7 Wayne McEwen						
9 Wayne McEwen						
Data Deliverables		Reportable to PADEP?		Sample Disposal		State Samples Collected In
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> CLP-like <input type="checkbox"/> USACE/DOD		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Lab <input type="checkbox"/> Special <input type="checkbox"/>		<input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/> PA <input type="checkbox"/> NC <input type="checkbox"/> other
PWSID #		EDDS: Format Type				



Middletown Sample Condition Form

Client Twp of moorestown Workorder 3425706
 Temp °C 4 Therm ID 569 Ice? Y N N/A Initials & Date MP 7/15/25
 Fedex UPS Client ALS Other Tracking # _____

	Yes	No ¹	N/A	Comments
Cooler Custody Seals present & intact	✓			
Sample Custody Seals present & intact			✓	
Chain-of-Custody present	✓			
Sample collector name present <i>If not present, must contact PM/client to request name.</i>	✓			
COC/bottle labels complete & in agreement	↓			
•Sample location				
•Date and time of sample collection				
•Type(s) of preservation				
•Number of containers				
•Composite or grab				
•Matrix				
Proper containers, preservation, and volume per method	↓			
Received within hold time				
Containers intact	↓			
Trip blanks present (EPA 504, EPA 524)	↓			(over date for NJ trip blanks) ^{MP} 7/22/25
Field blanks present (Hg 1631, PFAS)			✓	
NJ ≤ 4 Days			↓	
CR6 Samples Filtered				
OP Samples Filtered				
WV Containers 0-6°C			↓	
SDWA compliance reporting				

¹ If No, provide comment

Rad Screen (uCi) _____

PM - PM to contact client
 N/A - Not Applicable
 UC - Updated coc with missing information

Review Comments:
