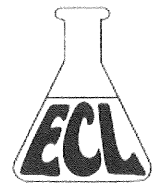


ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-472-1112

FINAL REPORT OF ANALYSIS

Ken Thompson
3517 Stansbury Mill Rd
Phoenix, MD 21131

Report Date: 02/28/2022
Report Number: 220228135247

LAB#- E069764-01 SAMPLE ID- 3519 Stansbury Mill Rd WELL # Hand Dug Well
LOCATION- Kitchen SAMPLER- S Shelley #2018 SS
DATE SAMPLED- 02/18/2022 TIME SAMPLED- 13:10 Residual Chlorine- <0.05 mg/L
DATE RECEIVED- 02/18/2022 TIME RECEIVED- 14:00
DELIVERED BY- Stephen Shelley RECEIVED BY- Ginny Shelley
COMMENTS-

COMMENTS-

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DATA FLAG
Microbiology by Enviro-Chem					
Total Coliform	SM 9223B	02/18/22 15:05	VPS	Absent	PASS
E. Coli	SM 9223B	02/18/22 15:05	VPS	Absent	PASS

Based on coliform bacteriological standards, at the time of sampling this water was **SAFE** for drinking water purposes.

Wet Chemistry by Enviro-Chem

Nitrate (as N)	EPA 300.0	02/18/22 16:58	FRD	9.63	mg/L	PASS
pH	SM4500-H+B	02/18/22 15:00	RAS	5.4	SU	
Turbidity	EPA 180.1	02/18/22 15:00	RAS	0.3	NTU	

Stephen Shelley
Laboratory Director

Certifications

State of Maryland Laboratory

#192

OFFICES:
6630 BALTIMORE NATIONAL PIKE
ROUTE 40 WEST
BALTIMORE, MD 21228
410-747-8770
800-932-9047
FAX 410-788-8723

PHASE SEPARATION SCIENCE, INC.



February 28, 2022

Steve Shelley
Enviro-Chem Laboratories, Inc.
47 Loveton Circle, Suite K
Sparks, MD 21152

Reference: PSS Work Order(s) No: **22022118**
Project Name: E069764
Project Location: 3519 Stansbury Mill Road
Project ID.: E069764

Dear Steve Shelley :

This report includes the analytical results from the analyses performed on the samples received under the project name referenced above and identified with the Phase Separation Science (PSS) Work Order(s) numbered **22022118**.

This report does not provide quality control data qualifying information and other mandatory NELAP elements and as such is not compliant with NELAP requirements and shall not be used for any application where NELAC accreditation is required.

This report has been provided solely for client use as a results summary. Please reference the NELAP compliant version of this report for quality control data and complete NELAP required elements.

PSS reserves the right to return any unused samples, extracts or related solutions. Otherwise, the samples are scheduled for disposal, without any further notice, on March 28, 2022. This includes any samples that were received with a request to be held but lacked a specific hold period. It is your responsibility to provide a written request defining a specific disposal date if additional storage is required. Upon receipt, the request will be acknowledged by PSS, thus extending the storage period. PSS is limited in liability to the actual cost of the sample analysis done.

This report shall not be reproduced except in full, without the written approval of an authorized PSS representative. A copy of this report will be retained by PSS for at least 5 years, after which time it will be disposed of without further notice, unless prior arrangements have been made.

We thank you for selecting Phase Separation Science, Inc. to serve your analytical needs. If you have any questions concerning this report, do not hesitate to contact us at 410-747-8770 or info@phaseonline.com.

Sincerely,

Dan Prucnal

Laboratory Manager

Certificate of Analysis

Project Name: E069764
PSS Project No.: 22022118

Sample ID: E069764-02

Date/Time Sampled: 02/21/2022 13:00 PSS Sample ID: 22022118-001

Matrix: WATER

Date/Time Received: 02/21/2022 14:15

VOC In Drinking Water

Analytical Method: EPA 524.2

Preparation Method: E524.2

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Benzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Bromobenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Bromochloromethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Bromodichloromethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Bromoform	ND	ug/L	1.0		1	02/22/22	02/22/22 12:13	1011
Bromomethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
tert-Butylbenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
sec-Butylbenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
n-Butylbenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Carbon tetrachloride	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Chlorobenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Chloroethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Chloroform	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Chloromethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
2-Chlorotoluene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
4-Chlorotoluene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0		1	02/22/22	02/22/22 12:13	1011
Chlorodibromomethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,2-Dibromoethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Dibromomethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,2-Dichlorobenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,3-Dichlorobenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,4-Dichlorobenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Dichlorodifluoromethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,1-Dichloroethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,2-Dichloroethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
cis-1,2-Dichloroethene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
trans-1,2-Dichloroethene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,1-Dichloroethene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,2-Dichloropropane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,3-Dichloropropane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
2,2-Dichloropropane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,1-Dichloropropene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
cis-1,3-Dichloropropene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
trans-1,3-Dichloropropene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011

Certificate of Analysis

Project Name: E069764
PSS Project No.: 22022118

Sample ID: E069764-02

Date/Time Sampled: 02/21/2022 13:00 PSS Sample ID: 22022118-001

Matrix: WATER

Date/Time Received: 02/21/2022 14:15

VOC In Drinking Water

Analytical Method: EPA 524.2

Preparation Method: E524.2

	Result	Units	RL	Flag	Dil	Prepared	Analyzed	Analyst
Ethylbenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Hexachlorobutadiene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Isopropylbenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
4-Isopropyltoluene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Methylene chloride	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Methyl-t-butyl ether	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Naphthalene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
n-Propylbenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Styrene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Tetrachloroethene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Toluene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,2,3-Trichlorobenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,2,4-Trichlorobenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,1,1-Trichloroethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,1,2-Trichloroethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Trichloroethene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Trichlorofluoromethane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,2,3-Trichloropropane	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,2,4-Trimethylbenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
1,3,5-Trimethylbenzene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
Vinyl Chloride	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
o-Xylene	ND	ug/L	0.50		1	02/22/22	02/22/22 12:13	1011
m&p-Xylene	ND	ug/L	1.0		1	02/22/22	02/22/22 12:13	1011

Surrogate(s)	Recovery	Limits					
4-Bromofluorobenzene	96 %	83-126	1	02/22/22	02/22/22 12:13	1011	
Dibromofluoromethane	96 %	92-118	1	02/22/22	02/22/22 12:13	1011	
Toluene-D8	97 %	92-117	1	02/22/22	02/22/22 12:13	1011	

SUBCONTRACT ORDER

Enviro-Chem

E069764

2202218

SENDING LABORATORY:

Enviro-Chem
47 Loveton Cir Suite K
Sparks, MD 21152
Phone: 410-472-1112
Fax: 410-472-1116
Project Manager: Stephen Shelley

RECEIVING LABORATORY:

PHASE
6630 Baltimore Nat. Pike
Baltimore, MD 21228-
Phone :410-747-8770
Fax: -

WO# Due 25-Feb-22 17:00

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: E069764-02	Water	Sampled: 18-Feb-22 13:00		
524.2 (Drinking Water)	25-Feb-22 17:00	04-Mar-22 13:00		
<i>Containers Supplied:</i>				
VOA, 40ml, HCL (A)	VOA, 40ml, HCL (B)	VOA, 40ml, HCL (C)		

3519 Stansbury Mill Rd
Pressure Tank
by S Shelley #201855
Homeowner's Reimb

of Coolers: 1
Custody Seal: ABS
Ice Present: Pres Temp: 3.7-3.6°C
Cooler Type: YTE

Released By: Stephen Shelley Date: 2/21/22 @ 11:06
 Received By: Van Carter Date: 02/21/22, 11:06

Released By: Van Carter Date: 02/21/22
 Received By: [Signature] Date: 1415

Sample Receipt Checklist

Project Name: E069764
 PSS Project No.: 22022118

Client Name Enviro-Chem Laboratories, Inc.
Disposal Date 03/28/2022

Received By Marissa Vertucci
Date Received 02/21/2022 02:15:00 PM
Delivered By Trans Time Express
Tracking No Not Applicable
Logged In By Marissa Vertucci

Shipping Container(s)

No. of Coolers 1

Custody Seal(s) Intact? N/A
 Seal(s) Signed / Dated? N/A

Ice Present
 Temp (deg C) 3.6
 Temp Blank Present No

Documentation

COC agrees with sample labels? Yes
 Chain of Custody Yes

Sampler Name Steve Shelley
 MD DW Cert. No. 2018SS

Sample Container

Appropriate for Specified Analysis? Yes
 Intact? Yes
 Labeled and Labels Legible? Yes

Custody Seal(s) Intact? Not Applicable
 Seal(s) Signed / Dated Not Applicable

Holding Time

All Samples Received Within Holding Time(s)? Yes

Total No. of Samples Received 1
 Total No. of Containers Received 3

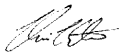
Preservation

Total Metals (pH<2) N/A
 Dissolved Metals, filtered within 15 minutes of collection (pH<2) N/A
 Orthophosphorus, filtered within 15 minutes of collection N/A
 Cyanides (pH>12) N/A
 Sulfide (pH>9) N/A
 TOC, DOC (field filtered), COD, Phenols (pH<2) N/A
 TOX, TKN, NH3, Total Phos (pH<2) N/A
 VOC, BTEX (VOA Vials Rcvd Preserved) (pH<2) Yes
 Do VOA vials have zero headspace? Yes
 624 VOC (Rcvd at least one unpreserved VOA vial) N/A
 524 VOC (Rcvd with trip blanks) (pH<2) No

Comments: (Any "No" response must be detailed in the comments section below.)

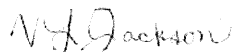
For any improper preservation conditions, list sample ID, preservative added (reagent ID number) below as well as documentation of any client notification as well as client instructions. Samples for pH, chlorine and dissolved oxygen should be analyzed as soon as possible, preferably in the field at the time of sampling. Samples which require thermal preservation shall be considered acceptable when received at a temperature above freezing to 6°C. Samples that are hand delivered on the day that they are collected may not meet these criteria but shall be considered acceptable if there is evidence that the chilling process has begun such as arrival on ice.

Received samples for 524.2 analysis; no trip blanks received.

Samples Inspected/Checklist Completed By: 

 Marissa Vertucci

Date: 02/21/2022

PM Review and Approval: 

 Lynn Jackson
 Page 5 of 5

Date: 02/21/2022
