



AQUA ENVIRONMENTAL LAB

56 Church Hill Road • Newtown, CT 06470 • (203) 270-9973

Report of Analysis

Basic Potability Group

Name: Water System Solutions Design Inc
 PO Box 180
 Watertown, CT 06795-0180

Sample Date: 4/6/2021 9:45 AM
Receipt Date: 4/6/2021 2:25 PM
Report Date: 4/8/2021
Sample Site: Weston School - Municipal

Sample ID#: 263408
Sample Type: Drinking Water
Sample Source: Well 4
Sampler: MC

Parameter	Sample Result	Units	Limits	Method	MDL	Analysis Date
Biological						
Coliform Bacteria	absent	none	0	SM9223B-04	0	4/6/2021
e Coli Bacteria	absent	none	0	SM9223B-04	0	4/6/2021
Inorganic Compounds						
Chlorine, residual	ND	mg/L	4	M4500CLG-2	0.05	4/6/2021
Metals						
Copper	ND	mg/L	1.3	EPA 200.5	0.005	4/7/2021
Iron	0.23	mg/L	0.3	EPA 200.5	0.005	4/7/2021
Manganese	0.01	mg/L	0.05	EPA 200.5	0.005	4/7/2021
Minerals						
Chloride	202.6	mg/L	250	EPA 300.0	1	4/7/2021
Hardness	240	mg/L	No Limit Set	EPA 200.5	5	4/7/2021
Sodium	74.0	mg/L	100	EPA 200.5	1	4/7/2021
Sulfate	21.5	mg/L	250	EPA 300.0	2	4/7/2021
Nutrient						
Nitrate as N	1.5	mg/L	10	EPA 300.0	0.5	4/7/2021
Nitrite as N	<0.1	mg/L	1	EPA 300.0	0.1	4/7/2021
Physical						
Color	<5	CU	15	SM2120B-23	0	4/7/2021
Odor	0	TON	2	SM2150B-23	0	4/6/2021
PH	6.7	pH	6.4 - 8.5	M4500HB-2	0	4/6/2021
Turbidity	0.7	NTU	5	EPA 180.1	0.05	4/7/2021

Comments: Based on the bacteriological examination, according to the Federal Safe Drinking Water Act (SDWA), this water was safe for drinking purposes at the time the sample was collected.

ND = Not Detected
 * = Above Specified Limit

Report Approved by: *Thomas J. Braun* CT Lic PH-0787 NY Lic 11706
 Lab Director

Analytical results relate to the samples as received at the laboratory. Report shall not be reproduced except in its entirety without written approval from the laboratory.



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56 Church Hill Road • Newtown, CT 06470 • (203) 270-9973

Report of Analysis

Basic Potable Water Group

Name: Water System Solutions Design Inc
 PO Box 180
 Watertown, CT 06795-0180

Sample Date: 4/28/2021 2:45 PM
Receipt Date: 4/28/2021 4:15 PM
Report Date: 5/5/2021
Sample Site: Weston School - Municipal

Sample ID#: 264770
Sample Type: Drinking Water
Sample Source: Well 4
Sampler: KS

Parameter	Sample Result	Units	Limits	Method	MDL	Analysis Date
Metals						
Copper	ND	mg/L	1.3	EPA 200.5	0.005	1/29/2021 16:41
Iron	0.1	mg/L	0.3	EPA 200.5	0.005	1/29/2021 16:41
Manganese	0.16 *	mg/L	0.05	EPA 200.5	0.005	1/29/2021 16:41
Minerals						
Chloride	147.4	mg/L	250	EPA 300.0	1	1/30/2021 18:20
Hardness	207	mg/L	No Limit Set	EPA 200.5	5	1/29/2021 16:41
Sodium	41.3	mg/L	100	EPA 200.5	1	1/29/2021 16:41
Sulfate	23.0	mg/L	250	EPA 300.0	2	1/29/2021 15:44
Nutrient						
Nitrate as N	1.1	mg/L	10	EPA 300.0	0.5	1/29/2021 15:44
Nitrite as N	ND	mg/L	1	EPA 300.0	0.1	1/29/2021 15:44
Physical						
Color	<5	CU	15	SM2120B-23	0	1/29/2021 11:10
Odor	0	TON	2	SM2150B-23	0	1/29/2021 16:50
PH	6.9	pH	6.4 - 8.5	M4500HB-2	0	1/28/2021 16:41
Turbidity	0.8	NTU	5	EPA 180.1	0.05	1/29/2021 11:10

ND = Not Detected
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Report Approved by:

Thomas J. Braun

Lab Director

CT Lic PH-0787

NY Lic 11706

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Report of Analysis

Name: Water System Solutions Design Inc
 PO Box 180
 Watertown, CT 06795-0180
Sample ID#: 277312
Sample Type: Drinking Water
Sample Source: Well 4
Sampler: RB
Sample Date: 12/3/2021 11:40 AM
Receipt Date: 12/3/2021 12:05 PM
Report Date: 12/13/2021
Sample Site: Weston School - Municipal - CT1570132

Parameter	Sample Result	Units	Limits	Method	RL	Analysis Date/Time
Biological						
Coliform Bacteria		none	0	SM9223B-04	0	12/3/2021 15:55
e Coli Bacteria		none	0	SM9223B-04	0	12/3/2021 15:55
Inorganic Compounds						
Chlorine, residual	ND	mg/L	4	M4500CLG-201	0.05	12/3/2021 12:05
Metals						
Copper	ND	mg/L	1.3	EPA 200.5	0.005	12/6/2021 10:46
Iron	0.05	mg/L	0.3	EPA 200.5	0.005	12/6/2021 10:46
Manganese (Elevated)	0.26 *	mg/L	0.05	EPA 200.5	0.005	12/6/2021 10:46
Minerals						
Alkalinity	96	mg/L	No Limit Set	SM 2320B (-97)	5	12/12/2021 13:59
Chloride	143.0	mg/L	250	EPA 300.0	1	12/4/2021 19:04
Hardness	223	mg/L	No Limit Set	EPA 200.5	5	12/6/2021 10:46
Sodium	38.1	mg/L	100	EPA 200.5	1	12/6/2021 10:46
Sulfate	23.1	mg/L	250	EPA 300.0	2	12/3/2021 23:54
Nutrient						
Nitrate as N	1.0	mg/L	10	EPA 300.0	0.5	12/3/2021 23:54
Nitrite as N	ND	mg/L	1	EPA 300.0	0.1	12/3/2021 23:54
Physical						
Color, apparent	25 *	CU	15	SM 2120B-01	0	12/3/2021 17:15
Odor	0	TON	2	SM2150B-2011	0	12/3/2021 17:00
PH	6.9	pH	6.4 - 8.5	SM4500HB-2011	0	12/3/2021 16:26
Turbidity	0.2	NTU	5	EPA 180.1	0.05	12/3/2021 15:30

Retested - OK ✓

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Lab Director

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56 Church Hill Road • Newtown, CT 06470 • (203) 270-9973

Report of Analysis

P. 1 of 2

Name: Water System Solutions Design Inc
 PO Box 180
 Watertown, CT 06795-0180

Sample Date: 12/3/2021 11:40 AM

Receipt Date: 12/3/2021 12:05 PM

Report Date: 12/9/2021

Sample Site: Weston School - Municipal - CT1570132

Sample ID#: 277313

Sample Type: Drinking Water

Sample Source: Well 4

Sampler: RB

VOCs

Parameter	Sample Result	Units	Limits	Method	RL	Analysis Date
Volatile Organic Compounds						
01) Benzene	ND	ug/L	5	EPA 524.2	0.5	12/4/2021 02:37
02) Bromobenzene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
04) Bromodichloromethane (T)	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
05) Bromoform (THM)	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
06) Bromomethane	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
07) n-Butylbenzene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
10) Carbon Tetrachloride	ND	ug/L	5	EPA 524.2	0.5	12/4/2021 02:37
11) Chlorobenzene	ND	ug/L	100	EPA 524.2	0.5	12/4/2021 02:37
12) Dibromochloromethane (T)	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
13) Chloroethane	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
14) Chloroform (THM)	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
15) Chloromethane	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
16) 2-Chlorotoluene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
17) 4-Chlorotoluene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
18) Dibromomethane	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
19) 1,2-Dichlorobenzene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
20) 1,3-Dichlorobenzene	ND	ug/L	600	EPA 524.2	0.5	12/4/2021 02:37
21) 1,4-Dichlorobenzene	ND	ug/L	75	EPA 524.2	0.5	12/4/2021 02:37
22) 1,1-Dichloroethane	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
23) 1,2-Dichloroethane	ND	ug/L	5	EPA 524.2	0.5	12/4/2021 02:37
24) 1,1-Dichloroethene	ND	ug/L	7	EPA 524.2	0.5	12/4/2021 02:37
25) cis-1,2,-Dichloroethene	ND	ug/L	70	EPA 524.2	0.5	12/4/2021 02:37
26) trans-1,2-Dichloroethene	ND	ug/L	100	EPA 524.2	0.5	12/4/2021 02:37
28) Methylene chloride	ND	ug/L	5	EPA 524.2	0.5	12/4/2021 02:37
29) 1,2-Dichloropropane	ND	ug/L	5	EPA 524.2	0.5	12/4/2021 02:37
30) 1,3-Dichloropropane	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
31) 2,2-Dichloropropane	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37

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Report of Analysis

g. 2 of 2

Name: Water System Solutions Design Inc
 PO Box 180
 Watertown, CT 06795-0180

Sample Date: 12/3/2021 11:40 AM

Receipt Date: 12/3/2021 12:05 PM

Report Date: 12/9/2021

Sample Site: Weston School - Municipal - CT1570132

Sample ID#: 277313

Sample Type: Drinking Water

Sample Source: Well 4

Sampler: RB

Parameter	Sample Result	Units	Limits	Method	RL	Analysis Date
Volatile Organic Compounds						
32) 1,1-Dichloropropene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
33) 1,3-Dichloropropene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
34) Ethylbenzene	ND	ug/L	700	EPA 524.2	0.5	12/4/2021 02:37
39) MTBE	ND	ug/L	20	EPA 524.2	0.5	12/4/2021 02:37
40) Naphthalene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
41) n-Propylbenzene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
42) Styrene	ND	ug/L	100	EPA 524.2	0.5	12/4/2021 02:37
43) 1,1,1,2-Tetrachloroethane	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
44) 1,1,2,2-Tetrachloroethane	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
45) Tetrachloroethene	ND	ug/L	5	EPA 524.2	0.5	12/4/2021 02:37
46) Toluene	ND	ug/L	1000	EPA 524.2	0.5	12/4/2021 02:37
48) 1,2,4-Trichlorobenzene	ND	ug/L	70	EPA 524.2	0.5	12/4/2021 02:37
49) 1,1,1-Trichloroethane	ND	ug/L	200	EPA 524.2	0.5	12/4/2021 02:37
50) 1,1,2-Trichloroethane	ND	ug/L	5	EPA 524.2	0.5	12/4/2021 02:37
51) Trichloroethene	ND	ug/L	5	EPA 524.2	0.5	12/4/2021 02:37
52) 1,2,3-Trichloropropane	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
54) 1,2,4-Trimethylbenzene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
55) 1,3,5-Trimethylbenzene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
56) Vinyl chloride	ND	ug/L	2	EPA 524.2	0.5	12/4/2021 02:37
57) m-Xylene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
58) o-Xylene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37
59) p-Xylene	ND	ug/L	No Limit Set	EPA 524.2	0.5	12/4/2021 02:37

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Report Approved by:  CT Lic PH-0787 NY Lic 11706
 Lab Director

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AQUA ENVIRONMENTAL LAB

56 Church Hill Road • Newtown, CT 06470 • (203) 270-9973

Report of Analysis

Organic Compounds

Name: Water System Solutions Design Inc
 PO Box 180
 Watertown, CT 06795-0180

Sample Date: 12/3/2021 11:40 AM
Receipt Date: 12/3/2021 12:05 PM
Report Date: 1/13/2022
Sample Site: Weston School - Municipal - CT1570132

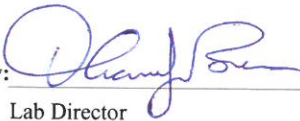
Sample ID#: 277314
Sample Type: Drinking Water
Sample Source: Well 4
Sampler: RB

IOCs (Metals)

Parameter	Sample Result	Units	Limits	Method	RL	Analysis Date/Time
Metals						
Antimony	ND	mg/L	0.006	EPA 200.5	0.001	12/6/2021 10:49
Arsenic	0.005	mg/L	0.01	EPA 200.5	0.002	12/6/2021 10:49
Barium	0.02	mg/L	2	EPA 200.5	0.001	12/6/2021 10:49
Beryllium	ND	mg/L	0.004	EPA 200.5	0.001	12/6/2021 10:49
Cadmium	ND	mg/L	0.005	EPA 200.5	0.001	12/6/2021 10:49
Chromium(T)	ND	mg/L	0.1	EPA 200.5	0.001	12/6/2021 10:49
Cyanide	ND *	mg/L	0.2	EPA 335.4	0.05	1/11/2022 13:47
Mercury	ND *	mg/L	0.002	EPA 245.2	0.0002	1/6/2022 19:52
Nickel	ND	mg/L	0.1	EPA 200.5	0.001	12/6/2021 10:49
Selenium	0.006	mg/L	0.05	EPA 200.5	0.002	12/6/2021 10:49
Silver	ND	mg/L	0.1	EPA 200.5	0.002	12/6/2021 10:49
Thallium	ND	mg/L	0.002	EPA 200.8	0.001	12/9/2021 20:17
Minerals						
Chloride	144.4	mg/L	250	EPA 300.0	1	12/4/2021 19:22
Fluoride	ND	mg/L	4	EPA 300.0	0.1	12/4/2021 00:12
Sodium	39.5	mg/L	100	EPA 200.5	1	12/6/2021 10:49
Sulfate	23.4	mg/L	250	EPA 300.0	2	12/4/2021 00:12

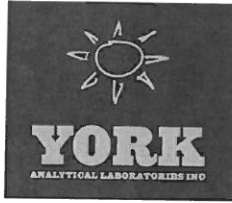
Comments: * York - Phoenix Labs

ND = Not Detected * = Above Specified Limit

Report Approved by: 
 Lab Director

CT Lic PH-0787 NY Lic 11706

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Technical Report

prepared for:

Aqua Environmental Lab
56 Church Hill Road
Newtown CT, 06470
Attention: T. Braun

Report Date: 01/11/2022
Client Project ID: 277314
York Project (SDG) No.: 22A0195

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



132-02 89th AVENUE
FAX (203) 357-0166

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 01/11/2022
Client Project ID: 277314
York Project (SDG) No.: 22A0195

Aqua Environmental Lab
56 Church Hill Road
Newtown CT, 06470
Attention: T. Braun

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 06, 2022 and listed below. The project was identified as your project: **277314**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
22A0195-01	277314	Drinking Water	12/03/2021	01/06/2022

General Notes for York Project (SDG) No.: 22A0195

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

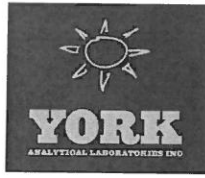
Approved By:



Cassie L. Mosher
Laboratory Manager

Date: 01/11/2022





Sample Information

Client Sample ID: 277314

York Sample ID: 22A0195-01

York Project (SDG) No.
22A0195

Client Project ID
277314

Matrix
Drinking Water

Collection Date/Time
December 3, 2021 10:00 am

Date Received
01/06/2022

Mercury by EPA 245.1

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 245.1 Mercury

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 245.1 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/06/2022 19:52	01/06/2022 19:52	AD/AA

Analyzed by: Phoenix Environmental Laboratories, Inc. S

Cyanide, Total (SUB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.005	1	E335.4 Certifications:	01/11/2022 13:47	01/11/2022 13:47	PHO



Sample and Data Qualifiers Relating to This Work Order

Definitions and Other Explanations

- * Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
- ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
- RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
- LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
- LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
- MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
- Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
- NR Not reported
- RPD Relative Percent Difference
- Wet The data has been reported on an as-received (wet weight) basis
- Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
- Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
 120 Research Drive
 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com



Field Chain-of-Custody Record

YORK Project No.
 22A0195

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

Page ____ of ____

YOUR Information		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Address:	Company:	Address:	Company:	Address:	YOUR Project Number		RUSH - Next Day	Standard (5-7 Day)
Phone:	Contact:	Company:	Address:	Company:	Address:	YOUR Project Number		RUSH - Two Day	
E-mail:	Contact:	Company:	Address:	Company:	Address:	YOUR Project Number		RUSH - Three Day	
E-mail:		Company:	Address:	Company:	Address:	YOUR Project Number		RUSH - Four Day	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.									
Samples Collected by: (print your name above and sign below)									
Sample Identification		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
207314		S - soil / solid GW - groundwater DW - drinking water WW - wastewater O - Oil ; Other		New York New Jersey Connecticut Pennsylvania Other		Summary Report QA Report NY ASP A Package NY ASP B Package		Compared to the following Regulation(s): (please fill in)	
Date/Time Sampled		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
12/3/21 10:00am		DW		12/3/21 10:00am		Cyanide - Mercury			
Comments:									
Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___									
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Special Instruction	
Dusik		11/16/22 9:20a		Marty		11/16/22 9:20a		Field Filtered Lab to Filter	
Samples Received by / Company		Date/Time		Samples Received by / Company		Date/Time		Temp. Received at Lab	
								3.80	
Samples Relinquished by / Company		Date/Time		Samples Received by / Company		Date/Time		Temp. Received at Lab	
								3.80	

Degrees C



AQUA ENVIRONMENTAL LAB

56 Church Hill Road • Newtown, CT 06470 • (203) 270-9973

P. 1 of 2

Report of Analysis

Synthetic Organic Compounds

Name: Water System Solutions Design Inc
 PO Box 180
 Watertown, CT 06795-0180

Sample Date: 12/3/2021 11:40 AM

Receipt Date: 12/3/2021 12:05 PM

Report Date: 1/19/2022

Sample Site: Weston School - Municipal - CT1570132

Sample ID#: 277315

Sample Type: Drinking Water

Sample Source: Well 4

Sampler: RB

SOGs

Parameter	Sample Result	Units	Limits	Method	RL	Analysis Date
Organic Compounds						
PCB	ND	mg/L	0.5	EPA 508.1	0.0002	1/6/2022 12:00
Synthetic Organic Chemicals P						
Butachlor	ND	mg/L	0	EPA 508.1	0.001	1/6/2022 12:00
Metribuzin	ND	mg/L	0	EPA 508.1	0.0005	1/6/2022 12:00
Propachlor	ND	mg/L	0	EPA 508.1	0.001	1/6/2022 12:00
Synthetic Organic Chemicals P						
Dalapon	ND	mg/L	200	EPA 552.2	0.002	12/29/2021 12:00
Synthetic Organic Compounds						
2,4,5-TP	ND	mg/L	50	EPA 555	0.0004	12/13/2021 12:00
2,4-D	ND	mg/L	70	EPA 555	0.0002	12/13/2021 12:00
3-Hydroxycarbofuran	ND	mg/L	No Limit Set	EPA 531.1	0.002	12/14/2021 12:00
Alachlor	ND	mg/L	2	EPA 508.1	0.0004	1/6/2022 12:00
Aldicarb	ND	mg/L	No Limit Set	EPA 531.1	0.001	12/14/2021 12:00
Aldicarb Sulfoxide	ND	mg/L	No Limit Set	EPA 531.1	0.001	12/14/2021 12:00
Aldicarb Sulfoxone	ND	mg/L	No Limit Set	EPA 531.1	0.0017	12/14/2021 12:00
Aldrin	ND	mg/L	0	EPA 508.1	0.0005	1/6/2022 12:00
Atrazine	ND	ug/L	3	EPA 508.1	0.0002	1/6/2022 12:00
Benzo (A) Pyrene	ND	mg/L	0.2	EPA 525.2	0	1/7/2022 12:00
Carbaryl	ND	mg/L	No Limit Set	EPA 531.1	0.004	12/14/2021 12:00
Carbofuran	ND	mg/L	40	EPA 531.1	0.0019	12/14/2021 12:00
Chlordane	ND	mg/L	2	EPA 508.1	0.0004	1/6/2022 12:00
Di (2-ethylhexyl) adipate	ND	mg/L	400	EPA 525.2	0.001	1/7/2022 12:00
Di (2-ethylhexyl) phthalates	ND	mg/L	6	EPA 525.2	0.001	1/7/2022 12:00
Dibromochloropropane(DBCP)	ND	mg/L	0.2	EPA 504.1	0	12/8/2021 12:00
Dicamba	ND	mg/L	No Limit Set	EPA 555	0.0008	12/13/2021 12:00
Dieldrin	ND	mg/L	No Limit Set	EPA 508.1	0	1/6/2022 12:00
Dinoseb	ND	mg/L	7	EPA 555	0.0004	12/13/2021 12:00

ND = Not Detected
 * = Above Specified Limit

Thomas J. Bram

CT Lic PH-0787 NY Lic 11706

Analytical results relate to the samples as received at the laboratory. Report shall not be reproduced except in its entirety without written approval from the laboratory.



AQUA ENVIRONMENTAL LAB

56 Church Hill Road • Newtown, CT 06470 • (203) 270-9973

P. 2 of 2

Report of Analysis

Name: Water System Solutions Design Inc
 PO Box 180
 Watertown, CT 06795-0180

Sample ID#: 277315
Sample Type: Drinking Water
Sample Source: Well 4
Sampler: RB

Sample Date: 12/3/2021 11:40 AM
Receipt Date: 12/3/2021 12:05 PM
Report Date: 1/19/2022
Sample Site: Weston School - Municipal - CT1570132

Parameter	Sample Result	Units	Limits	Method	RL	Analysis Date
Synthetic Organic Compounds						
Diquat	ND	mg/L	0	EPA 549.2	0.0008	12/7/2021 12:00
Endrin	ND	mg/L	2	EPA 508.1	0	1/6/2022 12:00
Ethylene Dibromide(EDB)	ND	mg/L	0.05	EPA 504.1	0	12/8/2021 12:00
Glyphosphate	ND	mg/L	700	EPA 547	0.01	12/3/2021 12:00
Heptachlor	ND	mg/L	0.4	EPA 508.1	0.0001	1/6/2022 12:00
Heptachlor Epoxide	ND	mg/L	No Limit Set	EPA 508.1	0.0002	1/6/2022 12:00
Hexachlorobenzene	ND	mg/L	1	EPA 508.1	0.0002	1/6/2022 12:00
Hexachlorocyclopentadiene	ND	mg/L	50	EPA 508.1	0.0002	1/6/2022 12:00
Lindane	ND	mg/L	0.2	EPA 508.1	0.0002	1/6/2022 12:00
Methomyl	ND	mg/L	0	EPA 531.1	0.004	12/14/2021 12:00
Methoxychlor	ND	mg/L	40	EPA 508.1	0.001	1/6/2022 12:00
Metolachlor	ND	mg/L	No Limit Set	EPA 508.1	0.001	1/6/2022 12:00
Oxamyl (Vydate)	ND	mg/L	200	EPA 531.1	0.004	12/14/2021 12:00
Pentachlorophenol	ND	mg/L	1	EPA 555	0.0001	12/13/2021 12:00
Picloram	ND	mg/L	500	EPA 555	0.0002	12/13/2021 12:00
Simazine	ND	mg/L	4	EPA 508.1	0.0001	1/6/2022 12:00
Toxaphene	ND	mg/L	3	EPA 508.1	0.002	1/6/2022 12:00

ND = Not Detected
 * = Above Specified Limit

Report Approved by:  _____ CT Lic PH-0787 NY Lic 11706
 Lab Director

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56 Church Hill Road • Newtown, CT 06470 • (203) 270-9973

Radiochemicals

Report of Analysis

Name: Water System Solutions Design Inc
 PO Box 180
 Watertown, CT 06795-0180

Sample Date: 12/3/2021 11:40 AM

Receipt Date: 12/3/2021 12:05 PM

Report Date: 1/21/2022

Sample Site: Weston School - Municipal - CT1570132

Sample ID#: 277316

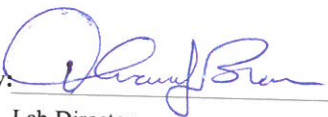
Sample Type: Drinking Water

Sample Source: Well 4

Sampler: RB

Parameter	Sample Result	Units	Limits	Method	RL	Analysis Date/Time
Radiochemicals						
Radium 226	0.489+/-0.415	pCi/L	5	EPA 903.0	1	1/19/2022 13:12
Radium 228	0.974+/-0.392	pCi/L	5	EPA 904.0	1	1/15/2022 13:42
Total Gross Alpha	0.928+/-1.35	pCi/L	No Limit Set	EPA 900.0	3	1/10/2022 08:40
Uranium	4.7	ug/L	30	EPA 200.8	1	12/9/2021 20:17

ND = Not Detected
 * = Above Specified Limit

Report Approved by: 
 Lab Director

CT Lic PH-0787 NY Lic 11706

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 277316 & 277309
Pace Project No.: 30456543

Sample: 277316 Lab ID: 30456543001 Collected: 12/03/21 11:40 Received: 12/06/21 09:50 Matrix: Drinking Water
PWS: Site ID: Sample Type:
Comments: • The sampler's name and signature were not listed on the COC.

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg						
Gross Alpha	EPA 900.0	0.928 ± 1.35 (2.91) C:NA T:NA	pCi/L	01/10/22 08:40	12587-46-1	
Pace Analytical Services - Greensburg						
Radium-226	EPA 903.1	0.489 ± 0.415 (0.568) C:NA T:96%	pCi/L	01/19/22 13:12	13982-63-3	
Pace Analytical Services - Greensburg						
Radium-228	EPA 904.0	0.974 ± 0.392 (0.702) C:76% T:88%	pCi/L	01/15/22 13:42	15262-20-1	

Sample: 277309 Lab ID: 30456543002 Collected: 12/03/21 11:20 Received: 12/06/21 09:50 Matrix: Drinking Water
PWS: Site ID: Sample Type:
Comments: • The sampler's name and signature were not listed on the COC.

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg						
Gross Alpha	EPA 900.0	4.07 ± 1.91 (2.91) C:NA T:NA	pCi/L	01/10/22 08:40	12587-46-1	
Pace Analytical Services - Greensburg						
Radium-226	EPA 903.1	0.309 ± 0.363 (0.573) C:NA T:96%	pCi/L	01/19/22 13:12	13982-63-3	
Pace Analytical Services - Greensburg						
Radium-228	EPA 904.0	-0.0877 ± 0.259 (0.629) C:77% T:92%	pCi/L	01/15/22 13:42	15262-20-1	

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 277316 & 277309
Pace Project No.: 30456543

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30456543001	277316	EPA 900.0	ERT	1	PASI-PA
		EPA 903.1	SLC	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA
30456543002	277309	EPA 900.0	ERT	1	PASI-PA
		EPA 903.1	SLC	1	PASI-PA
		EPA 904.0	VAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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