



## *Certificate of Analysis*

To: WhiteWater, Inc.  
253 B Worcester Rd  
Charlton, MA 01507

Date Reported: May 12, 2016

Date Received: May 5, 2016

PWS: Heritage School 2054047

Case No.        **C0505-W11**

Submitted samples from:

DEP Sample Type	DEP Location Code	DEP Sample Location
RS	001	Kitchen Tap
PT	01G	Post-Treatment
RW	01G	Well #1/Storage Tank/Tap in Pumphouse

SUBJECT:        Total Coliform Bacteria

METHOD:     *Standard Methods for the Examination of Water and Wastewater*, 20<sup>th</sup> Edition, 1998, APHA, AWWA-WPCF.  
Total Coliform: SM 9223B

Submitted samples from:

DEP Sample Type	DEP Location Code	DEP Sample Location
FS	01G	Finished Water Well #1

SUBJECT:        Volatile Organic Compounds

METHOD:     *Methods for the Determination of Organic Compounds in Finished Drinking Water and Raw Source Water*, USEPA/EMSL.  
Volatile Organic Compounds: Method 524.2

New England Testing Laboratory is certified in the Commonwealth of Massachusetts (Lab ID M-RI010) for all tests performed on the premises.

This report shall not be reproduced, except in full, without written approval of the laboratory.

New England Testing certifies that the test results contained within this report meet all method and certification requirements except as detailed in the Case Narrative section of this report.

NEW ENGLAND TESTING LABORATORY, INC.

59 Greenhill St., West Warwick, RI 02893

(401) 353-3420



# BACTERIOLOGICAL REPORT

**I. PWS INFORMATION:** Refer to your DEP Coliform Sampling Plan to help complete the PWS Information and DEP Approved Sample Site Information sections below.

PWS ID #: **2054047** PWS Name: **HERITAGE SCHOOL** City/Town: **CHARLTON** Class: COM  NTNC  TNC

**II. ANALYTICAL INFORMATION:** Refer to your MassDEP state lab certificate for proper Lab MA Cert.# and certified methods.

Primary Lab MA Cert.#: **M-RI010** Primary Lab Name: **New England Testing Laboratory** Subcontracted? (Y/N): **N**

Analysis Lab MA Cert.#:  Analysis Lab:

Original Report  Resubmitted Report  Confirmation Report (1) Reason for Resubmission:  Resample  Reanalysis  Report Correction (2) Collection Date of Original Sample:

TC Method	E.Coli Method	Fecal Coliform	HPC Method	Lab Sample Notes:
SM 9223				

DEP APPROVED SAMPLE SITE INFORMATION <sup>1</sup>			TOTAL COLIFORM RESULT <sup>4,5</sup>	E.COLI or FECAL RESULT <sup>4,5</sup>	CHLORINE RESULT <sup>2</sup> mg/L	HPC RESULT <sup>2</sup> # cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
DEP Sample Type <sup>1,3</sup>	DEP Location Code # <sup>1</sup>	DEP Approved SAMPLE LOCATION <sup>1</sup>					DATE	TIME	DATE	TIME		
RS	001	Kitchen Tap	A				5/5/2016	10:35	5/5/2016	17:45	Tim Rustan	C0505-W11A
PT	01G	Post-Treatment	A				5/5/2016	10:50	5/5/2016	17:45	Tim Rustan	C0505-W11B
RW	01G	Well #1/Storage Tank/Tap in Pump.	A				5/5/2016	11:00	5/5/2016	17:45	Tim Rustan	C0505-W11C

<sup>1</sup> DEP Sample Type, Location Code#, and DEP Approved Sample Site Location must correspond to the sample information on your DEP Total Coliform Sampling Plan  
<sup>2</sup> SWTR systems: HPC samples shall be taken at the same distribution sites and at the same time as total coliform, whenever chlorine residual is not detected at the sample site.  
<sup>3</sup> Sample Type: RS-Routine Distribution Sample, RO-Original Site Repeat, UR-Upstream Repeat, DR-Downstream Repeat, AR-Additional Repeat, RW-Raw Water, PT-Plant Tap, SS-Special Sample  
<sup>4</sup> Report as #/100 mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present).  
<sup>5</sup> Collect appropriate number of repeat samples within 24 hours of laboratory notification for coliform-positive or invalid samples. Notify DEP of any routine or repeat E.Coli or fecal positive results by the end of the business day.

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

Laboratory Authorized Signature and Date: 5/12/2016

DEP Review Status:  Accepted  Disapproved Review Comments:



## Volatile Organic Contaminant Report

## I. PWS INFORMATION: Please refer to your DEP Water Quality Sampling Schedule (WQSS) to help complete this form

PWS ID #: **2054047** City / Town: **CHARLTON**  
 PWS Name: **Heritage School** PWS Class: COM  NTNC  TNC

DEP LOCATION (LOC) ID#	DEP Location Name	Sample Information	Sample Acidified?	Date Collected	Collected By	
01G	Finished Water Well #1	<input type="checkbox"/> (M)ultiple <input checked="" type="checkbox"/> (S)ingle	<input type="checkbox"/> (R)aw <input checked="" type="checkbox"/> (F)inished	Yes <input checked="" type="checkbox"/>	5/5/2016	Tim Rustan
Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:				
<input type="checkbox"/> RS <input checked="" type="checkbox"/> SS	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation	(1) Reason for Resubmission	(2) Collection Date of Original Sample			
	<input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction					
SAMPLE NOTES – Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection.						

## II. ANALYTICAL LABORATORY INFORMATION:

Primary Lab MA Cert. #: **M-RI010** Primary Lab Name: **New England Testing Lab** Subcontracted? (Y/N) **N**  
 Analysis Lab MA Cert. #:  Analysis Lab Name:

Lab Method	Date Extracted (551.1 only)	Date Analyzed	Lab Sample ID#	LAB SAMPLE NOTES - Include information as to whether sample was diluted or additional contaminants detected.
524.2		5/9/2016	C0505-W11D	
Was this Sample composited by the Lab?	COMPOSITE SAMPLE NOTES - Please list the composited sources by DEP Source Code (XXXXXXX-XXX), up to five individual sources.			
Yes: <input type="checkbox"/> No: <input type="checkbox"/>				

CAS#	REGULATED VOC CONTAMINANT	Results µg/L	MCL µg/L	MDL µg/L
71-43-2	BENZENE	N.D.	5	0.5
56-23-5	CARBON TETRACHLORIDE	N.D.	5	0.5
75-35-4	1,1-DICHLOROETHYLENE	N.D.	7	0.5
107-06-02	1,2-DICHLOROETHANE	N.D.	5	0.5
106-46-7	PARA-DICHLOROBENZENE	N.D.	5	0.5
79-01-6	TRICHLOROETHYLENE (TCE)	N.D.	5	0.5
71-55-6	1,1,1-TRICHLOROETHANE	N.D.	200	0.5
75-01-4	VINYL CHLORIDE	N.D.	2	0.5
108-90-7	MONOCHLOROBENZENE	N.D.	100	0.5
95-50-1	O-DICHLOROBENZENE	N.D.	600	0.5
156-60-5	TRANS-1,2-DICHLOROETHYLENE	N.D.	100	0.5
156-59-2	CIS-1,2-DICHLOROETHYLENE	N.D.	70	0.5
78-87-5	1,2-DICHLOROPROPANE	N.D.	5	0.5
100-41-4	ETHYLBENZENE	N.D.	700	0.5
100-42-5	STYRENE	N.D.	100	0.5
127-18-4	TETRACHLOROETHYLENE (PCE)	N.D.	5	0.5
108-88-3	TOLUENE	N.D.	1000	0.5
1330-20-7	XYLENES (TOTAL)	N.D.	10000	0.5
75-09-2	DICHLOROMETHANE	N.D.	5	0.5
120-82-1	1,2,4-TRICHLOROBENZENE	N.D.	70	0.5
79-00-5	1,1,2-TRICHLOROETHANE	N.D.	5	0.5



Volatile Organic Contaminant Report

PWS ID#: 2054047

Lab Sample ID#: C0505-W11D

Table with 4 columns: CAS#, UNREGULATED VOC CONTAMINANTS, Results µg/L, MDL µg/L. Lists various VOCs such as CHLOROFORM, BROMODICHLOROMETHANE, etc., with results mostly N.D.

Table with 4 columns: CAS#, ADDITIONAL UNREGULATED and/or NON-TARGET VOC CONTAMINANTS, Results µg/L, MDL µg/L. Lists additional VOCs such as TETRAHYDROFURAN, TERT-BUTYL ALCOHOL, etc.

Check this box if attaching lab report to show additional VOC results/contaminants tested.

\* Required
\* DEP ORSG limit established.

Table with 2 columns: Surrogate Name, % Recovery (70 - 130%). Rows include 1,2-Dichlorobenzene-d4 (99%) and 4-Bromofluorobenzene (98%).

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

Primary Lab Director Signature: [Signature]

Date: 5/12/2016

If not submitting these results electronically, mail TWO copies of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report or no later than 10 days after the end of the reporting period, whichever is sooner.

DEP REVIEW STATUS (Initial & Date)
Review Comments
WQTS Data Entered

# WhiteWater

WATER & WASTEWATER SOLUTIONS

253B Worcester Road, Charlton MA 01507 Phone: 888-377-7678 / Fax 508-248-2895

PWS ID #: 2054047    PWS CLASS: NTNC    JOB/PO#: 136  
 PWS NAME: Heritage School  
 ADDRESS: 68 Dudley Oxford Rd, Charlton, MA 01507    PHONE: (508) 248-4884  
 DATE COLLECTED: 5-5-16  
 Is the source treated?  YES    NO    Sample after treatment?  YES    NO

ROUTINE SAMPLE     SPECIAL SAMPLE  
 REPEAT SAMPLE     OF 5 FOLLOW-UP

60505-w11  
 SPECIAL SAMPLE

SPECIAL NOTES:  
 VOC - special sample - Billable

METER READINGS - Cu ft or (Gal)  
 Meter: 138270

LOCATION CODE	SAMPLE LOCATION	CHLORINE RESIDUAL	SAMPLE TYPE	TIME	TC	VOC	OTHER if bottles, how many?
001 •	Kitchen Tap	-	RS	10:25	X		1
01G •	Post-Treatment	-	PT	10:50	X		1
01G •	Well #1/Storage Tank/Tap in Pumphouse	-	RW	11:00	X		1
01G •	Finished Water Well #1	-	FS	10:45		X	2

CUSTODY TRANSFER	NAME	DATE	TIME
Sampler:	T. Murphy Ruston	5-5-16	10:35
Relinquished by:	Just Ruston	5-5-16	14:40
Received by:	[Signature]	5-5-16	15:15
Relinquished by:	[Signature]	5-5-16	16:25
Received by:	[Signature]	5/5/16	17:25

DO NOT MAIL HARD COPY! Please Email this report with results AND invoice to: [vjain@rhwhite.com](mailto:vjain@rhwhite.com)