



Massachusetts Department of Environmental Protection - Drinking Water Program

B

BACTERIOLOGICAL REPORT

I. PWS INFORMATION: Refer to your MassDEP Coliform Sampling Plan to help complete the PWS Information and MassDEP Approved Sample Site Information sections below.PWS ID #: 3105000 PWS Name: Town of Georgetown, Water Department City/Town: Georgetown 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-MA123 Primary Lab Name: Northeast Environmental Laboratory, Inc. Subcontracted? (Y/N): N
Analysis Lab MA Cert.#: Analysis Lab Name:☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction

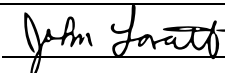
(2) Collection Date of Original Sample:

Total Coliform (TC) Method	E.coli (EC) Method	Enterococci (ET) Method	Fecal Coliform (FC) Method ^{2B}	HPC Method	Lab Sample Notes
9223B	9223B				

MassDEP Approved Sample Site Information ¹			TC ^{4,5} Result	EC ^{4,5} Result	ET ^{4,5} Result	FC ^{2B,4} Result	Chlorine Result ^{2A} mg/L	HPC Result ^{2A} #cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
Sample Type ^{1,3}	Location Code # ¹	Approved SAMPLE LOCATION ¹							DATE	TIME	DATE	TIME		
RS	001	Water Office	A	A					01/05/16	07:42	01/05/16	13:15	J. Gallagher	A12112
RS	002	Penn Brook School	A	A					01/05/16	09:45	01/05/16	13:15	J. Gallagher	A12113
RS	004	High School	A	A					01/05/16	09:25	01/05/16	13:15	J. Gallagher	A12114
RS	005	Baldpate Hospital	A	A					01/05/16	08:25	01/05/16	13:15	J. Gallagher	A12115
RS	007	Elderly Housing	A	A					01/05/16	09:05	01/05/16	13:15	J. Gallagher	A12116
RW	008	Marshall GP Well	A	A					01/05/16	10:25	01/05/16	13:15	J. Gallagher	A12117
RS	009	West Street Garage	A	A					01/05/16	08:00	01/05/16	13:15	J. Gallagher	A12118
RW	010	Commissioner's Well	A	A					01/05/16	10:45	01/05/16	13:15	J. Gallagher	A12119
RW	011	Duffy's GP Well	A	A					01/05/16	10:26	01/05/16	13:15	J. Gallagher	A12120
PT	013	Treatment Plant Finish	A	A					01/05/16	11:10	01/05/16	13:15	J. Gallagher	A12121
RS		269 Central Street	A	A					01/05/16	08:45	01/05/16	13:15	J. Gallagher	A12122
RS	003	Erie Fire Station	A	A					01/20/16	11:25	01/20/16	12:45	J. Gallagher	A12401
RS	006	Metal Tronics	A	A					01/20/16	10:20	01/20/16	12:45	J. Gallagher	A12402
RW	008	Marshall GP Well	A	A					01/20/16	09:10	01/20/16	12:45	J. Gallagher	A12403
RW	010	Commissioner's Well	A	A					01/20/16	09:35	01/20/16	12:45	J. Gallagher	A12404
RW	011	Duffy's GP Well	A	A					01/20/16	09:05	01/20/16	12:45	J. Gallagher	A12405
RS	012	Farm Lane Realty Trust	A	A					01/20/16	09:55	01/20/16	12:45	J. Gallagher	A12406
RS	014	Patriot Lane Booster Station	A	A					01/20/16	11:00	01/20/16	12:45	J. Gallagher	A12407
RS	015	Patriot Lane Building #9	A	A					01/20/16	10:40	01/20/16	12:45	J. Gallagher	A12408
PT	013	Treatment Plant Finish	A	A					01/20/16	08:50	01/20/16	12:45	J. Gallagher	A12409

¹ Sample Type, Location Code#, and Approved Sample Location must correspond to the sample information on your MassDEP Coliform Sampling Plan.^{2A} 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. ^{2B} Fecal reporting is for unfiltered SWTR sources only.³ 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 Sample⁴ Report as #/100mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present). Notify MassDEP of any E.coli or enterococci positive results by the end of the business day.⁵ Collect appropriate number of repeat samples within 24 hours of laboratory notification for total coliform-positive or invalid samples and E.coli or enterococci-positive raw water samples.In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

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:

01/22/16

MassDEP Review Status: ☐ Accepted ☐ Disapproved

Review Comments:



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

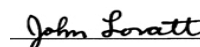
Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

01/06/16
Report# 42627

	Result	MDL	Method	Analyzed	By	Lab	Cert.*
NEL# A12112: 001 Water Office collected 01/05/16 at 07:42 by JG and received at NEL 01/05/16 at 12:05 by KC.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
NEL# A12113: 002 Penn Brook School collected 01/05/16 at 09:45 by JG and received at NEL 01/05/16 at 12:05 by KC.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
NEL# A12114: 004 High School collected 01/05/16 at 09:25 by JG and received at NEL 01/05/16 at 12:05 by KC.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
NEL# A12115: 005 Baldpate Hospital collected 01/05/16 at 08:25 by JG and received at NEL 01/05/16 at 12:05 by KC.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
NEL# A12116: 007 Elderly Housing collected 01/05/16 at 09:05 by JG and received at NEL 01/05/16 at 12:05 by KC.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
NEL# A12117: 008 Marshall GP Well collected 01/05/16 at 10:25 by JG and received at NEL 01/05/16 at 12:05 by KC.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
NEL# A12118: 009 West Street Garage collected 01/05/16 at 08:00 by JG and received at NEL 01/05/16 at 12:05 by KC.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N

Cert.* Lab performing analysis is certified for the parameter by MA-DEP in: P = potable water, N = non-potable water

310 CMR 22.0 specifies drinking water samples must be negative for the presence of Coliform and E. coli bacteria (0/100ml or absent/100ml). Heterotrophic Plate Count (HPC) should not exceed 500 per ml.


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

01/06/16
Report# 42627

Result	MDL	Method	Analyzed	By	Lab	Cert.*
--------	-----	--------	----------	----	-----	--------

NEL# A12119: 010 Commissioner's Well collected 01/05/16 at 10:45 by JG and received at NEL 01/05/16 at 12:05 by KC.

E. coli, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N

NEL# A12120: 011 Duffy's GP Well collected 01/05/16 at 10:26 by JG and received at NEL 01/05/16 at 12:05 by KC.

E. coli, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N

NEL# A12121: 013 Treatment Plant Finish collected 01/05/16 at 11:10 by JG and received at NEL 01/05/16 at 12:05 by KC.

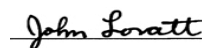
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N

NEL# A12122: 269 Central Street collected 01/05/16 at 08:45 by JG and received at NEL 01/05/16 at 12:05 by KC.

E. coli, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/05/16 13:15	AP	MA123	P, N

Cert.* Lab performing analysis is certified for the parameter by MA-DEP in: P = potable water, N = non-potable water

310 CMR 22.0 specifies drinking water samples must be negative for the presence of Coliform and E. coli bacteria (0/100ml or absent/100ml). Heterotrophic Plate Count (HPC) should not exceed 500 per ml.


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

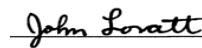
Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

01/21/16
Report# 42712

	Result	MDL	Method	Analyzed	By	Lab	Cert.*
NEL# A12401: 003 Erie Fire Station collected 01/20/16 at 11:25 by JG and received at NEL 01/20/16 at 12:05 by AP.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
NEL# A12402: 006 Metal Tronics collected 01/20/16 at 10:20 by JG and received at NEL 01/20/16 at 12:05 by AP.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
NEL# A12403: 008 Marshall GP Well collected 01/20/16 at 09:10 by JG and received at NEL 01/20/16 at 12:05 by AP.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
NEL# A12404: 010 Commissioner's Well collected 01/20/16 at 09:35 by JG and received at NEL 01/20/16 at 12:05 by AP.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
NEL# A12405: 011 Duffy's GP Well collected 01/20/16 at 09:05 by JG and received at NEL 01/20/16 at 12:05 by AP.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
NEL# A12406: 012 Farm Lane Realty Trust collected 01/20/16 at 09:55 by JG and received at NEL 01/20/16 at 12:05 by AP.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N

Cert.* Lab performing analysis is certified for the parameter by MA-DEP in: P = potable water, N = non-potable water

310 CMR 22.0 specifies drinking water samples must be negative for the presence of Coliform and E. coli bacteria (0/100ml or absent/100ml). Heterotrophic Plate Count (HPC) should not exceed 500 per ml.


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

01/21/16
Report# 42712

	Result	MDL	Method	Analyzed	By	Lab	Cert.*
NEL# A12407: 014 Patriot Lane Booster Station collected 01/20/16 at 11:00 by JG and received at NEL 01/20/16 at 12:05 by AP.							
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N

NEL# A12408: 015 Patriot Lane Building #9 collected 01/20/16 at 10:40 by JG and received at NEL 01/20/16 at 12:05 by AP.

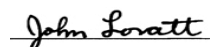
E. coli, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N

NEL# A12409: 013 Treatment Plant Finish collected 01/20/16 at 08:50 by JG and received at NEL 01/20/16 at 12:05 by AP.

E. coli, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	0	9223B	01/20/16 12:45	AP	MA123	P, N

Cert.* Lab performing analysis is certified for the parameter by MA-DEP in: P = potable water, N = non-potable water

310 CMR 22.0 specifies drinking water samples must be negative for the presence of Coliform and E. coli bacteria (0/100ml or absent/100ml). Heterotrophic Plate Count (HPC) should not exceed 500 per ml.


John Lovatt
Laboratory Director

42627

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

January 5, 2016

Phone: (978) 777-4442 / FAX:

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #		By (GW D)		Chlorine		Project Name		Turn Around Time		
Georgetown Water Department												DEP MONTHLY SAMPLES		NORMAL		
Contact Person		Address		E-mail								ANALYSIS REQUIRED				
Lou Mammolette		1 Moulton Street		lmammolette@georgetownma.gov												
City		State		ZIP		Phone:										
Georgetown		MA		01833-1943		(978) 352-5750										
Type	Bot. #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX	Sample Location / Source		Total	Free	No. of Containers	CONTAINER	Total Coliform	pH by GWD	Temperature
RS		A12112	1/5/2016	07:42	X	DW	001 - Water Office	.8	.6	1	110 PS	X			7.3	10.6
RS		A12113	1/5/2016	09:45	X	DW	002 - (new) Penn Brook School	.3	.1	1	110 PS	X			7.3	11.0
RS		A12114	1/5/2016	09:25	X	DW	004 - High School	.5	.5	1	110 PS	X			7.4	10.6
RS		A12115	1/5/2016	08:25	X	DW	005 - Baldpate Hospital	.3	.2	1	110 PS	X			7.5	10.7
RS		A12116	1/5/2016	09:05	X	DW	007 - Elderly Housing	.3	.2	1	110 PS	X			7.4	10.4
RW		A12117	1/5/2016	10:25	X	GW	008 - Marshall GP Well	R	R	1	110 PS	X			6.2	12.8
RS		A12118	1/5/2016	08:00	X	DW	009 - West Street Garage	.9	.7	1	110 PS	X			7.4	9.2
RW		A12119	1/5/2016	10:45	X	GW	010 - Commissioner's Well	R	R	1	110PS	X			6.2	13.1
RW		A12120	1/5/2016	10:26	X	GW	011 - Duffy's GP Well	R	R	1	110 PS	X			6.9	13.0
PT		A12121	1/5/2016	11:10	X	DW	013 - Treatment Plant Finish	1.8	1.5	1	110 PS	X			7.4	12.9
RS		A12122	1/5/2016	08:45	X	DW	269 Central Street	.5	.4	1	110 PS	X			7.5	9.0
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water																
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown																
RS	Routine	Special Remarks / Requests														
RW	Raw Water															
SS	Special															
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time										
<i>James Mammolette</i>		1/5/16 12:05		<i>[Signature]</i>		01/05/16 12:05										
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time										
—		—		—		—										
<p>Sampler's Signature: <i>[Signature]</i></p> <p>Sampler Type: <i>grab</i></p> <p>Turn-Around-Time (TAT) Surcharges</p> <p>Normal (7-10 Working Days) = 0%</p> <p>6 Working Days = 10% 3 Working Days = 75%</p> <p>5 Working Days = 25% 48 Hours = 100%</p> <p>4 Working Days = 50% 24 Hours = 150%</p> <p>*- TAT begins when sample is received at test facility</p> <p>*- TAT for samples received after 3p.m. will begin on the next business day</p> <p>- All TATs are subject to laboratory approval and customer consent</p>																

42712

January 20, 2016

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #	
Georgetown Water Department							
Contact Person		Address		E-mail			
James Gallagher		1 Moulton Street		jgallagher@georgetownma.gov			
City		State		ZIP		Phone:	
Georgetown		MA		01833-1943		(978) 352-5750	
Type	Bot. #	LAB I.D.	Date	Time	COMP	GRAB	SAMPLE LOCATION / SOURCE
RS		A12401	1/20/2016	11:25	X	DW	003- Erie Fire Station ✓
RS		A12402	1/20/2016	10:20	X	DW	006- Metal Tronics ✓
RW		A12403	1/20/2016	09:10	X	GW	008- Marshall GP Well ✓
RW		A12404	1/20/2016	09:35	X	GW	010- Commissioner's Well ✓
RW		A12405	1/20/2016	09:05	X	GW	011-Duffy's GP Well ✓
RS		A12406	1/20/2016	09:55	X	DW	012- Farm Lane Realty Trust ✓
RS		A12407	1/20/2016	11:00	X	DW	014- Patriot Lane Booster Station ✓
RS		A12408	1/20/2016	10:40	X	DW	015- Patriot Lane Building #9 ✓
PT		A12409	1/20/2016	08:50	X	DW	013- Treatment Plant Finish ✓
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water							
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown							
RS	Routine	Special Remarks / Requests					
RW	Raw Water						
SS	Special						
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
J Gallagher		1/20/16 12:05		Angela P...		1/20/16 12:05	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
Project Name DEP MONTHLY SAMPLES ANALYSIS REQUIRED Total Co li. pH pH by GtWD Temp. by GtWD Total Free No. of Co ntainer s By (GW D) Chlorine Turn Around Time NORMAL							
Turn-Around-Time (TAT) Surcharges Normal (7-10 Working Days)= 0% 6 Working Days = 10% 3 Working Days = 75% 5 Working Days = 25% 48 Hours = 100% 4 Working Days = 50% 24 Hours = 150% *- TAT begins when sample is received at test facility *- TAT for samples received after 3p.m. will begin on the next bussiness day - All TATs are subject to laboratory approval and customer consent							

Lab reserves the right to return unused samples to client



Massachusetts Department of Environmental Protection - Drinking Water Program

B

BACTERIOLOGICAL REPORT

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

PWS ID #: 3105000 PWS Name: Town of Georgetown, Water Department City/Town: Georgetown 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-MA123 Primary Lab Name: Northeast Environmental Laboratory, Inc.

Subcontracted? (Y/N): N

Analysis Lab MA Cert.#: Analysis Lab Name:

☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction

(2) Collection Date of Original Sample:

Total Coliform (TC) Method	E.coli (EC) Method	Enterococci (ET) Method	Fecal Coliform (FC) Method ^{2B}	HPC Method	Lab Sample Notes
9223B	9223B				

MassDEP Approved Sample Site Information ¹			TC ^{4,5} Result	EC ^{4,5} Result	ET ^{4,5} Result	FC ^{2B,4} Result	Chlorine Result ^{2A} mg/L	HPC Result ^{2A} #cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
Sample Type ^{1,3}	Location Code # ¹	Approved SAMPLE LOCATION ¹							DATE	TIME	DATE	TIME		
RS	001	Water Office	A	A					02/10/16	11:10	02/10/16	13:52	J. Gallagher	A12681
RS	002	Penn Brook School	A	A					02/10/16	09:50	02/10/16	13:52	J. Gallagher	A12682
RS	004	High School	A	A					02/10/16	09:30	02/10/16	13:52	J. Gallagher	A12683
RS	005	Baldpate Hospital	A	A					02/10/16	10:25	02/10/16	13:52	J. Gallagher	A12684
RS	007	Elderly Housing	A	A					02/10/16	09:10	02/10/16	13:52	J. Gallagher	A12685
RW	008	Marshall GP Well	A	A					02/10/16	08:00	02/10/16	13:52	J. Gallagher	A12686
RS	009	West Street Garage	A	A					02/10/16	08:25	02/10/16	13:52	J. Gallagher	A12687
RW	010	Commissioner's Well	A	A					02/10/16	08:45	02/10/16	13:52	J. Gallagher	A12688
RW	011	Duffy's GP Well	A	A					02/10/16	08:05	02/10/16	13:52	J. Gallagher	A12689
PT	013	Treatment Plant Finish	A	A					02/10/16	08:10	02/10/16	13:52	J. Gallagher	A12690
RS		269 Central Street	A	A					02/10/16	10:05	02/10/16	13:52	J. Gallagher	A12691
RS	003	Erie Fire Station	A	A					02/23/16	08:50	02/23/16	12:15	J. Gallagher	A12879
RS	006	Metal Tronics	A	A					02/23/16	09:30	02/23/16	12:15	J. Gallagher	A12880
RW	008	Marshall GP Well	A	A					02/23/16	07:40	02/23/16	12:15	J. Gallagher	A12881
RW	010	Commissioner's Well	A	A					02/23/16	08:20	02/23/16	12:15	J. Gallagher	A12882
RW	011	Duffy's GP Well	A	A					02/23/16	07:42	02/23/16	12:15	J. Gallagher	A12883
RS	012	Farm Lane Realty Trust	A	A					02/23/16	10:10	02/23/16	12:15	J. Gallagher	A12884
RS	014	Patriot Lane Booster Station	A	A					02/23/16	10:45	02/23/16	12:15	J. Gallagher	A12885
RS	015	Patriot Lane Building #9	A	A					02/23/16	10:30	02/23/16	12:15	J. Gallagher	A12886
PT	013	Treatment Plant Finish	A	A					02/23/16	07:55	02/23/16	12:15	J. Gallagher	A12887

¹ Sample Type, Location Code#, and Approved Sample Location must correspond to the sample information on your MassDEP Coliform Sampling Plan.

^{2A} 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. ^{2B} Fecal reporting is for unfiltered SWTR sources only.

³ 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

⁴ Report as #/100mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present). Notify MassDEP of any E.coli or enterococci positive results by the end of the business day.

⁵ Collect appropriate number of repeat samples within 24 hours of laboratory notification for total coliform-positive or invalid samples and E.coli or enterococci-positive raw water samples.

In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

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:

John Jorath

02/25/16

MassDEP Review Status: ☐ Accepted ☐ Disapproved

Review Comments:



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

02/13/16
Report# 42833

NEL# A12681: 001 Water Office collected 02/10/16 at 11:10 by JG and received at NEL 02/10/16 at 12:40 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N

NEL# A12682: 002 Penn Brook School collected 02/10/16 at 09:50 by JG and received at NEL 02/10/16 at 12:40 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N

NEL# A12683: 004 High School collected 02/10/16 at 09:30 by JG and received at NEL 02/10/16 at 12:40 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N

NEL# A12684: 005 Baldpate Hospital collected 02/10/16 at 10:25 by JG and received at NEL 02/10/16 at 12:40 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N

NEL# A12685: 007 Elderly Housing collected 02/10/16 at 09:10 by JG and received at NEL 02/10/16 at 12:40 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N

NEL# A12686: 008 Marshall GP Well collected 02/10/16 at 08:00 by JG and received at NEL 02/10/16 at 12:40 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N

NEL# A12687: 009 West Street Garage collected 02/10/16 at 08:25 by JG and received at NEL 02/10/16 at 12:40 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N

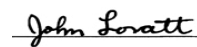
NEL# A12688: 010 Commissioner's Well collected 02/10/16 at 08:45 by JG and received at NEL 02/10/16 at 12:40 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

02/13/16
Report# 42833

NEL# A12689: 011 Duffy's GP Well collected 02/10/16 at 08:05 by JG and received at NEL 02/10/16 at 12:40 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N

NEL# A12690: 013 Treatment Plant Finish collected 02/10/16 at 08:10 by JG and received at NEL 02/10/16 at 12:40 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N

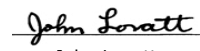
NEL# A12691: 269 Central Street collected 02/10/16 at 10:05 by JG and received at NEL 02/10/16 at 12:40 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/10/16 13:52	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

02/25/16
Report# 42900

NEL# A12879: 003 Erie Fire Station collected 02/23/16 at 08:50 by JG and received at NEL 02/23/16 at 11:38 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N

NEL# A12880: 006 Metal Tronics collected 02/23/16 at 09:30 by JG and received at NEL 02/23/16 at 11:38 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N

NEL# A12881: 008 Marshall GP Well collected 02/23/16 at 07:40 by JG and received at NEL 02/23/16 at 11:38 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N

NEL# A12882: 010 Commissioner's Well collected 02/23/16 at 08:20 by JG and received at NEL 02/23/16 at 11:38 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N

NEL# A12883: 011 Duffy's GP Well collected 02/23/16 at 07:42 by JG and received at NEL 02/23/16 at 11:38 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N

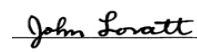
NEL# A12884: 012 Farm Lane Realty Trust collected 02/23/16 at 10:10 by JG and received at NEL 02/23/16 at 11:38 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

02/25/16
Report# 42900

NEL# A12885: 014 Patriot Lane Booster Station collected 02/23/16 at 10:45 by JG and received at NEL 02/23/16 at 11:38 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N

NEL# A12886: 015 Patriot Lane Building #9 collected 02/23/16 at 10:30 by JG and received at NEL 02/23/16 at 11:38 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N

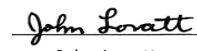
NEL# A12887: 013 Treatment Plant Finish collected 02/23/16 at 07:55 by JG and received at NEL 02/23/16 at 11:38 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	02/23/16 12:15	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

42833

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

February 10, 2016

Phone: (978) 777-4442 / FAX:

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #		By (GW D)		Chlorine		No. of Containers		Project Name				Turn Around Time	
Georgetown Water Department														DEP MONTHLY SAMPLES				NORMAL	
Contact Person		Address		E-mail										ANALYSIS REQUIRED					
Lou Mammolette		1 Moulton Street		lmammolette@georgetownma.gov															
City		State		ZIP		Phone:													
Georgetown		MA		01833-1943		(978) 352-5750													
Type	#	LAB I.D.	Date	Time	COMP	GRAB	MATRIX	Sample Location / Source		Total	Free	No. of Containers	CONTAINER	Total Coliform	pH by GtWD	Temperature			
RS		A12681	2/10/2016	11:10		X	DW	001 - Water Office		1.4	1.1	1	110 PS	X	7.4	10.1			
RS		A12682	2/10/2016	09:50		X	DW	002 -(new) Penn Brook School		0.7	0.6	1	110 PS	X	7.5	9.8			
RS		A12683	2/10/2016	09:30		X	DW	004 - High School		1.1	0.9	1	110 PS	X	7.4	10.0			
RS		A12684	2/10/2016	10:25		X	DW	005 - Baldpate Hospital		0.6	0.4	1	110 PS	X	7.5	10.2			
RS		A12685	2/10/2016	09:10		X	DW	007 - Elderly Housing		1.4	1.2	1	110 PS	X	7.3	9.8			
RW		A12686	2/10/2016	08:00		X	GW	008 - Marshall GP Well		R	R	1	110 PS	X	6.6	13.4			
RS		A12687	2/10/2016	08:25		X	DW	009 - West Street Garage		0.8	0.6	1	110 PS	X	7.6	9.4			
RW		A12688	2/10/2016	08:45		X	GW	010 - Commissioner's Well		R	R	1	110PS	X	6.3	11.3			
RW		A12689	2/10/2016	08:05		X	GW	011 - Duffy's GP Well		R	R	1	110 PS	X	6.8	13.2			
PT		A12690	2/10/2016	08:10		X	DW	013 - Treatment Plant Finish		1.9	1.7	1	110 PS	X	7.4	11.8			
RS		A12691	2/10/2016	10:05		X	DW	269 Central Street		0.4	0.3	1	110 PS	X	7.5	10.5			
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water																			
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown																			
RS	Routine	Special Remarks / Requests																	
RW	Raw Water																		
SS	Special																		
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time													
<i>[Signature]</i>		2/10/16 11:30		<i>[Signature]</i>		02/10/16 11:30 AM													
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time													
<i>[Signature]</i>		02/10/16 12:40 PM		<i>[Signature]</i>		02/10/16 12:40													
Turn-Around-Time (TAT) Surcharges Normal (7-10 Working Days)= 0% 6 Working Days = 10% 3 Working Days = 75% 5 Working Days = 25% 48 Hours = 100% 4 Working Days = 50% 24 Hours = 150% * TAT begins when sample is received at test facility * TAT for samples received after 3p.m. will begin on the next business day * All TATs are subject to laboratory approval and customer consent																			

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

February 23, 2016

978-777-4442

CHAIN OF CUSTODY

COLIFORM

Lab reserves the right to return unused samples to client



Massachusetts Department of Environmental Protection - Drinking Water Program

BACTERIOLOGICAL REPORT

B

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

PWS ID #: 3105000 **PWS Name:** Town of Georgetown, Water Department **City/Town:** Georgetown **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-MA123 **Primary Lab Name:** Northeast Environmental Laboratory, Inc. **Subcontracted? (Y/N):** N
Analysis Lab MA Cert.#: **Analysis Lab Name:**

☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction

(2) Collection Date of Original Sample:

Total Coliform (TC) Method	E.coli (EC) Method	Enterococci (ET) Method	Fecal Coliform (FC) Method ^{2B}	HPC Method	Lab Sample Notes
9223B	9223B				

MassDEP Approved Sample Site Information ¹			TC ^{4,5} Result	EC ^{4,5} Result	ET ^{4,5} Result	FC ^{2B,4} Result	Chlorine Result ^{2A} mg/L	HPC Result ^{2A} #cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
Sample Type ^{1,3}	Location Code # ¹	Approved SAMPLE LOCATION ¹							DATE	TIME	DATE	TIME		
RS	001	Water Office	A	A					03/08/16	09:15	03/08/16	12:13	J. Gallagher	A13175
RS	002	Penn Brook School	A	A					03/08/16	10:00	03/08/16	12:13	J. Gallagher	A13176
RS	004	High School	A	A					03/08/16	09:40	03/08/16	12:13	J. Gallagher	A13177
RS	005	Baldpate Hospital	A	A					03/08/16	10:45	03/08/16	12:13	J. Gallagher	A13178
RS	007	Elderly Housing	A	A					03/08/16	08:45	03/08/16	12:13	J. Gallagher	A13179
RW	008	Marshall GP Well	A	A					03/08/16	07:42	03/08/16	12:13	J. Gallagher	A13180
RS	009	West Street Garage	A	A					03/08/16	08:00	03/08/16	12:13	J. Gallagher	A13181
RW	010	Commissioner's Well	P	A					03/08/16	08:25	03/08/16	12:13	J. Gallagher	A13182
RW	011	Duffy's GP Well	A	A					03/08/16	07:40	03/08/16	12:13	J. Gallagher	A13183
PT	013	Treatment Plant Finish	A	A					03/08/16	07:50	03/08/16	12:13	J. Gallagher	A13184
RS		269 Central Street	A	A					03/08/16	10:30	03/08/16	12:13	J. Gallagher	A13185
RS	003	Erie Fire Station	A	A					03/22/16	08:15	03/22/16	12:30	J. Gallagher	A13449
RS	006	Metal Tronics	A	A					03/22/16	10:00	03/22/16	12:30	J. Gallagher	A13450
RW	010	Commissioner's Well	A	A					03/22/16	08:40	03/22/16	12:30	J. Gallagher	A13451
RW	011	Duffy's GP Well	A	A					03/22/16	09:00	03/22/16	12:30	J. Gallagher	A13452
RS	012	Farm Lane Realty Trust	A	A					03/22/16	10:30	03/22/16	12:30	J. Gallagher	A13453
RS	014	Patriot Lane Booster Station	A	A					03/22/16	09:25	03/22/16	12:30	J. Gallagher	A13454
RS	015	Patriot Lane Building #9	A	A					03/22/16	09:40	03/22/16	12:30	J. Gallagher	A13455
PT	013	Treatment Plant Finish	A	A					03/22/16	10:55	03/22/16	12:30	J. Gallagher	A13456

¹ Sample Type, Location Code#, and Approved Sample Location must correspond to the sample information on your MassDEP Coliform Sampling Plan.

^{2A} 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. ^{2B} Fecal reporting is for unfiltered SWTR sources only.

³ 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

⁴ Report as #/100mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present). Notify MassDEP of any *E. coli* or enterococci positive results by the end of the business day.

⁵ Collect appropriate number of repeat samples within 24 hours of laboratory notification for total coliform-positive or invalid samples and *E. coli* or enterococci-positive raw water samples.

In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

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:

John J. Jara

03/24/16

MassDEP Review Status: ☐ Accepted ☐ Disapproved

Review Comments:



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

03/10/16
Report# 43007

NEL# A13175: 001 Water Office collected 03/08/16 at 09:15 by JG and received at NEL 03/08/16 at 11:15 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N

NEL# A13176: 002 Penn Brook School collected 03/08/16 at 10:00 by JG and received at NEL 03/08/16 at 11:15 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N

NEL# A13177: 004 High School collected 03/08/16 at 09:40 by JG and received at NEL 03/08/16 at 11:15 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N

NEL# A13178: 005 Baldpate Hospital collected 03/08/16 at 10:45 by JG and received at NEL 03/08/16 at 11:15 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N

NEL# A13179: 007 Elderly Housing collected 03/08/16 at 08:45 by JG and received at NEL 03/08/16 at 11:15 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N

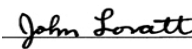
NEL# A13180: 008 Marshall GP Well collected 03/08/16 at 07:42 by JG and received at NEL 03/08/16 at 11:15 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

03/10/16
Report# 43007

NEL# A13181: 009 West Street Garage collected 03/08/16 at 08:00 by JG and received at NEL 03/08/16 at 11:15 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N

NEL# A13182: 010 Commissioner's Well collected 03/08/16 at 08:25 by JG and received at NEL 03/08/16 at 11:15 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N
Total Coliform, Colilert, P/A	present /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N

NEL# A13183: 011 Duffy's GP Well collected 03/08/16 at 07:40 by JG and received at NEL 03/08/16 at 11:15 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N

NEL# A13184: 013 Treatment Plant Finish collected 03/08/16 at 07:50 by JG and received at NEL 03/08/16 at 11:15 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N


NEL# A13185: 269 Central Street collected 03/08/16 at 10:30 by JG and received at NEL 03/08/16 at 11:15 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/08/16 12:13	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

03/24/16
Report# 43099

NEL# A13449: 003 Erie Fire Station collected 03/22/16 at 08:15 by JG and received at NEL 03/22/16 at 11:31 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N

NEL# A13450: 006 Metal Tronics collected 03/22/16 at 10:00 by JG and received at NEL 03/22/16 at 11:31 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N

NEL# A13451: 010 Commissioner's Well collected 03/22/16 at 08:40 by JG and received at NEL 03/22/16 at 11:31 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N

NEL# A13452: 011 Duffy's GP Well collected 03/22/16 at 09:00 by JG and received at NEL 03/22/16 at 11:31 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N

NEL# A13453: 012 Farm Lane Realty Trust collected 03/22/16 at 10:30 by JG and received at NEL 03/22/16 at 11:31 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N

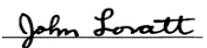
NEL# A13454: 014 Patriot Lane Booster Station collected 03/22/16 at 09:25 by JG and received at NEL 03/22/16 at 11:31 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

03/24/16
Report# 43099

NEL# A13455: 015 Patriot Lane Building #9 collected 03/22/16 at 09:40 by JG and received at NEL 03/22/16 at 11:31 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N

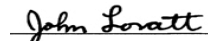
NEL# A13456: 013 Treatment Plant Finish collected 03/22/16 at 10:55 by JG and received at NEL 03/22/16 at 11:31 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	03/22/16 12:30	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

43007
Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

March 8, 2016

Phone: (978) 777-4442 / FAX:

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #	
Georgetown Water Department							
Contact Person		Address		E-mail			
Lou Mammolette		1 Moulton Street		lmammolette@georgetownma.gov			
City		State		ZIP		Phone:	
Georgetown		MA		01833-1943		(978) 352-5750	
Type	Bot. #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX
Sample Location / Source							
RS		A13175	3/8/2016	09:15		X	DW 001 - Water Office
RS		A13176	3/8/2016	10:00		X	DW 002 - (new) Penn Brook School
RS		A13177	3/8/2016	09:40		X	DW 004 - High School
RS		A13178	3/8/2016	10:45		X	DW 005 - Baldpate Hospital
RS		A13179	3/8/2016	08:45		X	DW 007 - Elderly Housing
RW		A13180	3/8/2016	07:42		X	GW 008 - Marshall GP Well
RS		A13181	3/8/2016	08:00		X	DW 009 - West Street Garage
RW		A13182	3/8/2016	08:25		X	GW 010 - Commissioner's Well
RW		A13183	3/8/2016	07:40		X	GW 011 - Duffy's GP Well
PT		A13184	3/8/2016	07:50		X	DW 013 - Treatment Plant Finish
RS		A13185	3/8/2016	10:30		X	DW 269 Central Street
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water							
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown							
RS	Routine	Special Remarks / Requests					
RW	Raw Water						
SS	Special						
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
J. Gallagher		3/8/16 11:15		Angela Pennino		3/8/16 11:15	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	

Project Name		Turn Around Time	
DEP MONTHLY SAMPLES		NORMAL	
ANALYSIS REQUIRED			
CONTAINER	Total Coliform	pH by GtWD	Temperature
110 PS	X	7.6	11.4
110 PS	X	7.6	11.3
110 PS	X	7.6	10.8
110 PS	X	7.7	9.9
110 PS	X	7.5	10.1
110 PS	X	6.7	12.9
110 PS	X	7.6	9.4
110PS	X	6.3	10.4
110 PS	X	6.9	12.5
110 PS	X	7.5	12.3
110 PS	X	7.6	9.8

Sampler's Signature: *[Signature]*
Sampler Type: *(Grab)*

Turn-Around-Time (TAT) Surcharges
Normal (7-10 Working Days)= 0%

6 Working Days = 10% 3 Working Days = 75%
5 Working Days = 25% 48 Hours = 100%
4 Working Days = 50% 24 Hours = 150%

*- TAT begins when sample is received at test facility
*- TAT for samples received after 3p.m. will begin on the next bussiness day
- All TATs are subject to laboratory approval and customer consent

43099

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

March 22, 2016

978-777-4442

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #	
Georgetown Water Department							
Contact Person		Address		E-mail			
James Gallagher		1 Moulton Street		jgallagher@georgetownma.gov			
City		State		ZIP		Phone:	
Georgetown		MA		01833-1943		(978) 352-5750	
Type	Bot. #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX
Sample Location / Source							
RS		A13449	3/22/2016	08:15	X	DW	003- Erie Fire Station
RS		A13450	3/22/2016	10:00	X	DW	006- Metal Tronics
RW		A13451	3/22/2016		X	GW	008- Marshall GP Well
RW		A13452	3/22/2016	08:40	X	GW	010- Commissioner's Well
RW		A13452	3/22/2016	09:00	X	GW	011-Duffy's GP Well
RS		A13453	3/22/2016	10:30	X	DW	012- Farm Lane Realty Trust
RS		A13454	3/22/2016	09:25	X	DW	014- Patriot Lane Booster Station
RS		A13455	3/22/2016	09:40	X	DW	015- Patriot Lane Building #9
PT		A13450	3/22/2016	10:55	X	DW	013- Treatment Plant Finish
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water							
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown							
RS	Routine	Special Remarks / Requests					
RW	Raw Water						
SS	Special						
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
<i>James Gallagher</i>		3/22/16 11:31		<i>Sarah Lovatt</i>		3/22/16 11:31	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
Project Name: DEP MONTHLY SAMPLES Turn Around Time: NORMAL ANALYSIS REQUIRED Total Coli. pH pH by GtWD Temp. by GtWD 7.6 10.7 7.5 10.4 6.3 11.5 6.9 12.1 7.5 10.7 7.6 10.0 7.7 11.2 7.3 12.5 Get Key #38 from Longveiw Office							
Sampler's Signature: <i>J Gallagher</i> Sampler Type: <i>Grab</i> Turn-Around-Time (TAT) Surcharges Normal (7-10 Working Days)= 0% 6 Working Days = 10% 3 Working Days = 75% 5 Working Days = 25% 48 Hours = 100% 4 Working Days = 50% 24 Hours = 150% "- TAT begins when sample is received at test facility "- TAT for samples received after 3p.m. will begin on the next bussiness day "- All TATs are subject to laboratory approval and customer consent							

Lab reserves the right to return unused samples to client



Massachusetts Department of Environmental Protection - Drinking Water Program

BACTERIOLOGICAL REPORT

B

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

PWS ID #: 3105000 **PWS Name:** Town of Georgetown, Water Department **City/Town:** Georgetown **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-MA123 **Primary Lab Name:** Northeast Environmental Laboratory, Inc. **Subcontracted? (Y/N):** N
Analysis Lab MA Cert. #: **Analysis Lab Name:**

☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction

(2) Collection Date of Original Sample:

Total Coliform (TC) Method	E.coli (EC) Method	Enterococci (ET) Method	Fecal Coliform (FC) Method ^{2B}	HPC Method	Lab Sample Notes
9223B	9223B				

MassDEP Approved Sample Site Information ¹			TC ^{4,5} Result	EC ^{4,5} Result	ET ^{4,5} Result	FC ^{2B,4} Result	Chlorine Result ^{2A} mg/L	HPC Result ^{2A} #cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
Sample Type ^{1,3}	Location Code # ¹	Approved SAMPLE LOCATION ¹							DATE	TIME	DATE	TIME		
RS	001	Water Office	A	A					04/06/16	09:15	04/06/16	11:52	J. Gallagher	A13721
RS	002	Penn Brook School	A	A					04/06/16	09:55	04/06/16	11:52	J. Gallagher	A13722
RS	004	High School	A	A					04/06/16	09:30	04/06/16	11:52	J. Gallagher	A13723
RS	005	Baldpate Hospital	A	A					04/06/16	10:40	04/06/16	11:52	J. Gallagher	A13724
RS	007	Elderly Housing	A	A					04/06/16	09:00	04/06/16	11:52	J. Gallagher	A13725
RW	008	Marshall GP Well	A	A					04/06/16	07:58	04/06/16	11:52	J. Gallagher	A13726
RS	009	West Street Garage	A	A					04/06/16	08:10	04/06/16	11:52	J. Gallagher	A13727
RW	010	Commissioner's Well	A	A					04/06/16	08:25	04/06/16	11:52	J. Gallagher	A13728
RW	011	Duffy's GP Well	A	A					04/06/16	07:55	04/06/16	11:52	J. Gallagher	A13729
PT	013	Treatment Plant Finish	A	A					04/06/16	07:45	04/06/16	11:52	J. Gallagher	A13730
RS		269 Central Street	A	A					04/06/16	10:15	04/06/16	11:52	J. Gallagher	A13731
RS	003	Erie Fire Station	A	A					04/19/16	09:00	04/19/16	11:45	J. Gallagher	A13928
RS	006	Metal Tronics	A	A					04/19/16	10:05	04/19/16	11:45	J. Gallagher	A13929
RW	008	Marshall GP Well	A	A					04/19/16	08:10	04/19/16	11:45	J. Gallagher	A13930
RW	010	Commissioner's Well	A	A					04/19/16	08:30	04/19/16	11:45	J. Gallagher	A13931
RW	011	Duffy's GP Well	P	A					04/19/16	08:15	04/19/16	11:45	J. Gallagher	A13932
RS	012	Farm Lane Realty Trust	A	A					04/19/16	09:40	04/19/16	11:45	J. Gallagher	A13933
RS	014	Patriot Lane Booster Station	A	A					04/19/16	10:20	04/19/16	11:45	J. Gallagher	A13934
RS	015	Patriot Lane Building #9	A	A					04/19/16	10:40	04/19/16	11:45	J. Gallagher	A13935
PT	013	Treatment Plant Finish	A	A					04/19/16	08:00	04/19/16	11:45	J. Gallagher	A13936

¹ Sample Type, Location Code#, and Approved Sample Location must correspond to the sample information on your MassDEP Coliform Sampling Plan.

^{2A} 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. ^{2B} Fecal reporting is for unfiltered SWTR sources only.

³ 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

⁴ Report as #/100mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present). Notify MassDEP of any *E. coli* or enterococci positive results by the end of the business day.

⁵ Collect appropriate number of repeat samples within 24 hours of laboratory notification for total coliform-positive or invalid samples and *E. coli* or enterococci-positive raw water samples.

In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

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:

John J. Jorath

04/20/16

MassDEP Review Status: ☐ Accepted ☐ Disapproved

Review Comments:

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

04/07/16
Report# 43203

NEL# A13721: 001 Water Office collected 04/06/16 at 09:15 by JG and received at NEL 04/06/16 at 11:20 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N

NEL# A13722: 002 Penn Brook School collected 04/06/16 at 09:55 by JG and received at NEL 04/06/16 at 11:20 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N

NEL# A13723: 004 High School collected 04/06/16 at 09:30 by JG and received at NEL 04/06/16 at 11:20 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N

NEL# A13724: 005 Baldpate Hospital collected 04/06/16 at 10:40 by JG and received at NEL 04/06/16 at 11:20 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N

NEL# A13725: 007 Elderly Housing collected 04/06/16 at 09:00 by JG and received at NEL 04/06/16 at 11:20 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N

NEL# A13726: 008 Marshall GP Well collected 04/06/16 at 07:58 by JG and received at NEL 04/06/16 at 11:20 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N

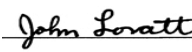
NEL# A13727: 009 West Street Garage collected 04/06/16 at 08:10 by JG and received at NEL 04/06/16 at 11:20 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

04/07/16
Report# 43203

NEL# A13728: 010 Commissioner's Well collected 04/06/16 at 08:25 by JG and received at NEL 04/06/16 at 11:20 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N

NEL# A13729: 011 Duffy's GP Well collected 04/06/16 at 07:55 by JG and received at NEL 04/06/16 at 11:20 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N

NEL# A13730: 013 Treatment Plant Finish collected 04/06/16 at 07:45 by JG and received at NEL 04/06/16 at 11:20 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N

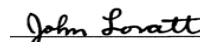
NEL# A13731: 269 Central Street collected 04/06/16 at 10:15 by JG and received at NEL 04/06/16 at 11:20 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/06/16 11:52	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

04/20/16
Report# 43275

NEL# A13928: 003 Erie Fire Station collected 04/19/16 at 09:00 by JG and received at NEL 04/19/16 at 11:22 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N

NEL# A13929: 006 Metal Tronics collected 04/19/16 at 10:05 by JG and received at NEL 04/19/16 at 11:22 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N

NEL# A13930: 008 Marshall GP Well collected 04/19/16 at 08:10 by JG and received at NEL 04/19/16 at 11:22 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N

NEL# A13931: 010 Commissioner's Well collected 04/19/16 at 08:30 by JG and received at NEL 04/19/16 at 11:22 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N

NEL# A13932: 011 Duffy's GP Well collected 04/19/16 at 08:15 by JG and received at NEL 04/19/16 at 11:22 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N
Total Coliform, Colilert, P/A	present /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N

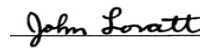
NEL# A13933: 012 Farm Lane Realty Trust collected 04/19/16 at 09:40 by JG and received at NEL 04/19/16 at 11:22 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

04/20/16
Report# 43275

NEL# A13934: 014 Patriot Lane Booster Station collected 04/19/16 at 10:20 by JG and received at NEL 04/19/16 at 11:22 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N

NEL# A13935: 015 Patriot Lane Building #9 collected 04/19/16 at 10:40 by JG and received at NEL 04/19/16 at 11:22 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N

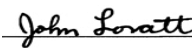
NEL# A13936: 013 Treatment Plant Finish collected 04/19/16 at 08:00 by JG and received at NEL 04/19/16 at 11:22 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	04/19/16 11:45	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

43203

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

April 6, 2016

Phone: (978) 777-4442 / FAX:

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #		By (GW D) Chlorine		No. of Containers		Project Name				Turn Around Time		
Georgetown Water Department												DEP MONTHLY SAMPLES				NORMAL		
Contact Person		Address		E-mail								ANALYSIS REQUIRED						
Lou Mammolette		1 Moulton Street		lmammolette@georgetownma.gov														
City		State		ZIP		Phone:												
Georgetown		MA		01833-1943		(978) 352-5750												
Type	Bot. #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX	Sample Location / Source		Total	Free		CONTAINER	Total Coliform		pH by GtWD	Temperature	
RS		A13721	4/6/2016	09:15		X	DW	001 - Water Office		.8	.6	1	110 PS	X		7.4	11.5	
RS		A13722	4/6/2016	09:55		X	DW	002 - (new) Penn Brook School		.3	.2	1	110 PS	X		7.5	12.7	
RS		A13723	4/6/2016	09:20		X	DW	004 - High School		.8	.6	1	110 PS	X		7.4	11.7	
RS		A13724	4/6/2016	10:40		X	DW	005 - Baldpate Hospital		.3	.2	1	110 PS	X		7.5	11.3	
RS		A13725	4/6/2016	09:00		X	DW	007 - Elderly Housing		.8	.7	1	110 PS	X		7.4	11.1	
RW		A13726	4/6/2016	07:58		X	GW	008 - Marshall GP Well		R	R	1	110 PS	X		5.5	12.1	
RS		A13727	4/6/2016	08:10		X	DW	009 - West Street Garage		.6	.4	1	110 PS	X		7.3	9.5	
RW		A13728	4/6/2016	08:25		X	GW	010 - Commissioner's Well		R	R	1	110PS	X		6.2	11.0	
RW		A13729	4/6/2016	07:55		X	GW	011 - Duffy's GP Well		R	R	1	110 PS	X		6.8	12.2	
PT		A13730	4/6/2016	07:45		X	DW	013 - Treatment Plant Finish		1.8	1.4	1	110 PS	X		7.4	12.8	
RS		A13731	4/6/2016	10:15		X	DW	269 Central Street		.4	.2	1	110 PS	X		7.5	11.8	
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water										Sampler's Signature: <i>[Signature]</i>								
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown										Sampler Type: <i>Grab</i>								
RS	Routine	Special Remarks / Requests																
RW	Raw Water																	
SS	Special																	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time												
<i>[Signature]</i>		4/6/16 11:20		<i>[Signature]</i>		04/06/16 11:20												
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time												
<p>Turn-Around-Time (TAT) Surcharges</p> <p>Normal (7-10 Working Days)= 0%</p> <p>6 Working Days = 10% 3 Working Days = 75%</p> <p>5 Working Days = 25% 48 Hours = 100%</p> <p>4 Working Days = 50% 24 Hours = 150%</p> <p>*- TAT begins when sample is received at test facility</p> <p>*- TAT for samples received after 3p.m. will begin on the next business day</p> <p>*- All TATs are subject to laboratory approval and customer consent</p>																		

43275

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

April 19, 2016

978-777-4442

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #	
Georgetown Water Department							
Contact Person		Address		E-mail			
James Gallagher		1 Moulton Street		jgallagher@georgetownma.gov			
City		State		ZIP		Phone:	
Georgetown		MA		01833-1943		(978) 352-5750	
Type	Bot. #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX
Sample Location / Source							
RS		A13928	4/19/2016	09:00		X	DW 003- Erie Fire Station
RS		A13929	4/19/2016	10:05		X	DW 006- Metal Tronics
RW		A13930	4/19/2016	08:10		X	GW 008- Marshall GP Well
RW		A13931	4/19/2016	08:30		X	GW 010- Commissioner's Well
RW		A13932	4/19/2016	08:15		X	GW 011-Duffy's GP Well
RS		A13933	4/19/2016	09:40		X	DW 012- Farm Lane Realty Trust
RS		A13934	4/19/2016	10:20		X	DW 014- Patriot Lane Booster Station
RS		A13935	4/19/2016	10:40		X	DW 015- Patriot Lane Building #9
PT		A13936	4/19/2016	08:00		X	DW 013- Treatment Plant Finish
Get Key #38 from Longveiw Office							
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water							
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown							
RS	Routine	Special Remarks / Requests					
RW	Raw Water						
SS	Special						
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
<i>James Gallagher</i>		4/19/16 11:22		<i>[Signature]</i>		04/19/16 11:22	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
Sampler's Signature: <i>James Gallagher</i> Sampler Type: <i>(Grab)</i> Turn-Around-Time (TAT) Surcharges Normal (7-10 Working Days)= 0% 6 Working Days = 10% 3 Working Days = 75% 5 Working Days = 25% 48 Hours = 100% 4 Working Days = 50% 24 Hours = 150% *- TAT begins when sample is received at test facility *- TAT for samples received after 3p.m. will begin on the next bussiness day - All TATs are subject to laboratory approval and customer consent							

Lab reserves the right to return unused samples to client



Massachusetts Department of Environmental Protection - Drinking Water Program

B

BACTERIOLOGICAL REPORT

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

PWS ID #: 3105000 **PWS Name:** Town of Georgetown, Water Department **City/Town:** Georgetown **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-MA123 **Primary Lab Name:** Northeast Environmental Laboratory, Inc. **Subcontracted? (Y/N):** N
Analysis Lab MA Cert.#: **Analysis Lab Name:**

☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction

(2) Collection Date of Original Sample:

Total Coliform (TC) Method	E.coli (EC) Method	Enterococci (ET) Method	Fecal Coliform (FC) Method ^{2B}	HPC Method	Lab Sample Notes
9223B	9223B				

MassDEP Approved Sample Site Information ¹			TC ^{4,5} Result	EC ^{4,5} Result	ET ^{4,5} Result	FC ^{2B,4} Result	Chlorine Result ^{2A} mg/L	HPC Result ^{2A} #cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
Sample Type ^{1,3}	Location Code # ¹	Approved SAMPLE LOCATION ¹							DATE	TIME	DATE	TIME		
RS	001	Water Office	A	A					05/09/16	09:00	05/09/16	13:10	J. Gallagher	A14353
RS	002	Penn Brook School	A	A					05/09/16	09:50	05/09/16	13:10	J. Gallagher	A14354
RS	004	High School	A	A					05/09/16	09:25	05/09/16	13:10	J. Gallagher	A14355
RS	005	Baldpate Hospital	A	A					05/09/16	10:20	05/09/16	13:10	J. Gallagher	A14356
RS	007	Elderly Housing	A	A					05/09/16	08:45	05/09/16	13:10	J. Gallagher	A14357
RW	008	Marshall GP Well	A	A					05/09/16	08:10	05/09/16	13:10	J. Gallagher	A14358
RS	009	West Street Garage	A	A					05/09/16	08:05	05/09/16	13:10	J. Gallagher	A14359
RW	010	Commissioner's Well	A	A					05/09/16	08:30	05/09/16	13:10	J. Gallagher	A14360
RW	011	Duffy's GP Well	A	A					05/09/16	08:12	05/09/16	13:10	J. Gallagher	A14361
PT	013	Treatment Plant Finish	A	A					05/09/16	07:50	05/09/16	13:10	J. Gallagher	A14362
RS		269 Central Street	A	A					05/09/16	10:00	05/09/16	13:10	J. Gallagher	A14363
RS	003	Erie Fire Station	A	A					05/24/16	09:10	05/24/16	13:55	J. Gallagher	A14833
RS	006	Metal Tronics	A	A					05/24/16	09:55	05/24/16	13:55	J. Gallagher	A14834
RW	008	Marshall GP Well	A	A					05/24/16	08:22	05/24/16	13:55	J. Gallagher	A14835
RW	010	Commissioner's Well	A	A					05/24/16	08:40	05/24/16	13:55	J. Gallagher	A14836
RW	011	Duffy's GP Well	P	A					05/24/16	08:20	05/24/16	13:55	J. Gallagher	A14837
RS	012	Farm Lane Realty Trust	A	A					05/24/16	09:25	05/24/16	13:55	J. Gallagher	A14838
RS	014	Patriot Lane Booster Station	A	A					05/24/16	10:45	05/24/16	13:55	J. Gallagher	A14839
RS	015	Patriot Lane Building #9	A	A					05/24/16	10:20	05/24/16	13:55	J. Gallagher	A14840
PT	013	Treatment Plant Finish	A	A					05/24/16	08:10	05/24/16	13:55	J. Gallagher	A14841

¹ Sample Type, Location Code#, and Approved Sample Location must correspond to the sample information on your MassDEP Coliform Sampling Plan.

^{2A} 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. ^{2B} Fecal reporting is for unfiltered SWTR sources only.

³ 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

⁴ Report as #/100mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present). Notify MassDEP of any *E. coli* or enterococci positive results by the end of the business day.

⁵ Collect appropriate number of repeat samples within 24 hours of laboratory notification for total coliform-positive or invalid samples and *E. coli* or enterococci-positive raw water samples.

In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

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:

John J. Jorath

05/26/16

MassDEP Review Status: ☐ Accepted ☐ Disapproved

Review Comments:

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

05/11/16
Report# 43418

NEL# A14353: 001 Water Office collected 05/09/16 at 09:00 by JG and received at NEL 05/09/16 at 11:05 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N

NEL# A14354: 002 Penn Brook School collected 05/09/16 at 09:50 by JG and received at NEL 05/09/16 at 11:05 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N

NEL# A14355: 004 High School collected 05/09/16 at 09:25 by JG and received at NEL 05/09/16 at 11:05 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N

NEL# A14356: 005 Baldpate Hospital collected 05/09/16 at 10:20 by JG and received at NEL 05/09/16 at 11:05 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N

NEL# A14357: 007 Elderly Housing collected 05/09/16 at 08:45 by JG and received at NEL 05/09/16 at 11:05 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N

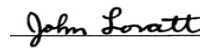
NEL# A14358: 008 Marshall GP Well collected 05/09/16 at 08:10 by JG and received at NEL 05/09/16 at 11:05 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

05/11/16
Report# 43418

NEL# A14359: 009 West Street Garage collected 05/09/16 at 08:05 by JG and received at NEL 05/09/16 at 11:05 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N

NEL# A14360: 010 Commissioner's Well collected 05/09/16 at 08:30 by JG and received at NEL 05/09/16 at 11:05 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N

NEL# A14361: 011 Duffy's GP Well collected 05/09/16 at 08:12 by JG and received at NEL 05/09/16 at 11:05 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N

NEL# A14362: 013 Treatment Plant Finish collected 05/09/16 at 07:50 by JG and received at NEL 05/09/16 at 11:05 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N

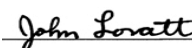
NEL# A14363: 269 Central Street collected 05/09/16 at 10:00 by JG and received at NEL 05/09/16 at 11:05 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/09/16 13:10	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

05/25/16
Report# 43531

NEL# A14833: 003 Erie Fire Station collected 05/24/16 at 09:10 by JG and received at NEL 05/24/16 at 12:35 by JL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N

NEL# A14834: 006 Metal Tronics collected 05/24/16 at 09:55 by JG and received at NEL 05/24/16 at 12:35 by JL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N

NEL# A14835: 008 Marshall GP Well collected 05/24/16 at 08:22 by JG and received at NEL 05/24/16 at 12:35 by JL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N

NEL# A14836: 010 Commissioner's Well collected 05/24/16 at 08:40 by JG and received at NEL 05/24/16 at 12:35 by JL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N

NEL# A14837: 011 Duffy's GP Well collected 05/24/16 at 08:20 by JG and received at NEL 05/24/16 at 12:35 by JL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N
Total Coliform, Colilert, P/A	present /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N

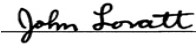
NEL# A14838: 012 Farm Lane Realty Trust collected 05/24/16 at 09:25 by JG and received at NEL 05/24/16 at 12:35 by JL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

05/25/16
Report# 43531

NEL# A14839: 014 Patriot Lane Booster Station collected 05/24/16 at 10:45 by JG and received at NEL 05/24/16 at 12:35 by JL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N

NEL# A14840: 015 Patriot Lane Building #9 collected 05/24/16 at 10:20 by JG and received at NEL 05/24/16 at 12:35 by JL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N

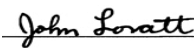
NEL# A14841: 013 Treatment Plant Finish collected 05/24/16 at 08:10 by JG and received at NEL 05/24/16 at 12:35 by JL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	05/24/16 13:55	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

43418
Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

May 9, 2016

Phone: (978) 777-4442 / FAX:

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #												
Georgetown Water Department																		
Contact Person		Address		E-mail														
Lou Mammolette		1 Moulton Street		lmammolette@georgetownma.gov														
City		State		ZIP		Phone:												
Georgetown		MA		01833-1943		(978) 352-5750												
Type	Bot #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX	Sample Location / Source		Total	Free	No. of Containers	CONTAINER	Total Coliform	pH by GtWD	Temperature	Turn Around Time	
RS		A14353	5/9/2016	09:00		X	DW	001 - Water Office	.5	.3	1	110 PS	X		7.6	12.7		
RS		A14354	5/9/2016	09:50		X	DW	002 - (new) Penn Brook School	.3	.3	1	110 PS	X		7.6	12.6		
RS		A14355	5/9/2016	09:25		X	DW	004 - High School	.5	.4	1	110 PS	X		7.6	12.8		
RS		A14356	5/9/2016	10:20		X	DW	005 - Baldpate Hospital	.5	.4	1	110 PS	X		7.6	12.4		
RS		A14357	5/9/2016	08:45		X	DW	007 - Elderly Housing	1.0	.9	1	110 PS	X		7.6	12.4		
RW		A14358	5/9/2016	08:10		X	GW	008 - Marshall GP Well	R	R	1	110 PS	X		6.6	11.9		
RS		A14359	5/9/2016	08:05		X	DW	009 - West Street Garage	.6	.4	1	110 PS	X		7.7	11.6		
RW		A14360	5/9/2016	08:30		X	GW	010 - Commissioner's Well	R	R	1	110PS	X		6.2	11.7		
RW		A14361	5/9/2016	08:12		X	GW	011 - Duffy's GP Well	R	R	1	110 PS	X		6.9	12.0		
PT		A14362	5/9/2016	07:50		X	DW	013 - Treatment Plant Finish	1.6	1.4	1	110 PS	X		7.6	12.8		
RS		A14363	5/9/2016	10:00		X	DW	269 Central Street	.5	.4	1	110 PS	X		7.6	12.7		
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water										Sampler's Signature: <i>[Signature]</i>								
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown										Sampler Type: <i>(Grab)</i>								
RS	Routine		Special Remarks / Requests															
RW	Raw Water																	
SS	Special																	
Relinquished by: (Signature)			Date / Time		Received by: (Signature)			Date / Time		Turn-Around-Time (TAT) Surcharges Normal (7-10 Working Days)= 0% 6 Working Days = 10% 3 Working Days = 75% 5 Working Days = 25% 48 Hours = 100% 4 Working Days = 50% 24 Hours = 150% "- TAT begins when sample is received at test facility "- TAT for samples received after 3p.m. will begin on the next business day - All TATs are subject to laboratory approval and customer consent								
Relinquished by: (Signature)			Date / Time		Received by: (Signature)			Date / Time										
<i>[Signature]</i>			5/9/16 11:05		<i>[Signature]</i>			5/9/16 11:05										

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

May 24, 2016

978-777-4442

CHAIN OF CUSTODY

COLIFORM

[illegible]

Lab reserves the right to return unused samples to client



Massachusetts Department of Environmental Protection - Drinking Water Program

B

BACTERIOLOGICAL REPORT

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

PWS ID #: 3105000 PWS Name: Town of Georgetown, Water Department City/Town: Georgetown 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-MA123 Primary Lab Name: Northeast Environmental Laboratory, Inc. Subcontracted? (Y/N): N
Analysis Lab MA Cert.#: Analysis Lab Name:☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction

(2) Collection Date of Original Sample:

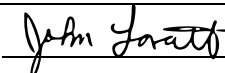
Total Coliform (TC) Method	E.coli (EC) Method	Enterococci (ET) Method	Fecal Coliform (FC) Method ^{2B}	HPC Method	Lab Sample Notes
9223B	9223B				

MassDEP Approved Sample Site Information ¹			TC ^{4,5} Result	EC ^{4,5} Result	ET ^{4,5} Result	FC ^{2B,4} Result	Chlorine Result ^{2A} mg/L	HPC Result ^{2A} #cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
Sample Type ^{1,3}	Location Code # ¹	Approved SAMPLE LOCATION ¹							DATE	TIME	DATE	TIME		
RS	001	Water Office	A	A					06/07/16	09:45	06/07/16	15:34	J. Gallagher	A15278
RS	002	Penn Brook School	A	A					06/07/16	10:25	06/07/16	15:34	J. Gallagher	A15279
RS	004	High School	A	A					06/07/16	10:05	06/07/16	15:34	J. Gallagher	A15280
RS	005	Baldpate Hospital	A	A					06/07/16	11:00	06/07/16	15:34	J. Gallagher	A15281
RS	007	Elderly Housing	A	A					06/07/16	09:30	06/07/16	15:34	J. Gallagher	A15282
RW	008	Marshall GP Well	A	A					06/07/16	08:45	06/07/16	15:34	J. Gallagher	A15283
RS	009	West Street Garage	A	A					06/07/16	08:55	06/07/16	15:34	J. Gallagher	A15284
RW	010	Commissioner's Well	A	A					06/07/16	09:10	06/07/16	15:34	J. Gallagher	A15285
RW	011	Duffy's GP Well	P	A					06/07/16	08:40	06/07/16	15:34	J. Gallagher	A15286
PT	013	Treatment Plant Finish	A	A					06/07/16	08:30	06/07/16	15:34	J. Gallagher	A15287
RS		269 Central Street	A	A					06/07/16	10:45	06/07/16	15:34	J. Gallagher	A15288
RS	003	Erie Fire Station	A	A					06/22/16	09:20	06/22/16	14:48	R. Dash	A15636
RS	006	Metal Tronics	A	A					06/22/16	09:50	06/22/16	14:48	R. Dash	A15637
RW	008	Marshall GP Well	A	A					06/22/16	08:00	06/22/16	14:48	R. Dash	A15638
RW	010	Commissioner's Well	A	A					06/22/16	08:20	06/22/16	14:48	R. Dash	A15639
RW	011	Duffy's GP Well	P	A					06/22/16	08:05	06/22/16	14:48	R. Dash	A15640
RS	012	Farm Lane Realty Trust	A	A					06/22/16	11:15	06/22/16	14:48	R. Dash	A15641
RS	014	Patriot Lane Booster Station	A	A					06/22/16	10:10	06/22/16	14:48	R. Dash	A15642
RS	015	Patriot Lane Building #9	A	A					06/22/16	10:40	06/22/16	14:48	R. Dash	A15643
PT	013	Treatment Plant Finish	A	A					06/22/16	07:45	06/22/16	14:48	R. Dash	A15644

¹ Sample Type, Location Code#, and Approved Sample Location must correspond to the sample information on your MassDEP Coliform Sampling Plan.^{2A} 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. ^{2B} Fecal reporting is for unfiltered SWTR sources only.³ 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 Sample⁴ Report as #/100mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present). Notify MassDEP of any E.coli or enterococci positive results by the end of the business day.⁵ Collect appropriate number of repeat samples within 24 hours of laboratory notification for total coliform-positive or invalid samples and E.coli or enterococci-positive raw water samples.

In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

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:

06/24/16

MassDEP Review Status: ☐ Accepted ☐ Disapproved

Review Comments:

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

06/08/16
Report# 43637

NEL# A15278: 001 Water Office collected 06/07/16 at 09:45 by JG and received at NEL 06/07/16 at 11:44 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N

NEL# A15279: 002 Penn Brook School collected 06/07/16 at 10:25 by JG and received at NEL 06/07/16 at 11:44 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N

NEL# A15280: 004 High School collected 06/07/16 at 10:05 by JG and received at NEL 06/07/16 at 11:44 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N

NEL# A15281: 005 Baldpate Hospital collected 06/07/16 at 11:00 by JG and received at NEL 06/07/16 at 11:44 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N

NEL# A15282: 007 Elderly Housing collected 06/07/16 at 09:30 by JG and received at NEL 06/07/16 at 11:44 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N

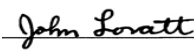
NEL# A15283: 008 Marshall GP Well collected 06/07/16 at 08:45 by JG and received at NEL 06/07/16 at 11:44 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

06/08/16
Report# 43637

NEL# A15284: 009 West Street Garage collected 06/07/16 at 08:55 by JG and received at NEL 06/07/16 at 11:44 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N

NEL# A15285: 010 Commissioner's Well collected 06/07/16 at 09:10 by JG and received at NEL 06/07/16 at 11:44 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N

NEL# A15286: 011 Duffy's GP Well collected 06/07/16 at 08:40 by JG and received at NEL 06/07/16 at 11:44 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N
Total Coliform, Colilert, P/A	present /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N

NEL# A15287: 013 Treatment Plant Finish collected 06/07/16 at 08:30 by JG and received at NEL 06/07/16 at 11:44 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N

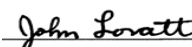
NEL# A15288: 269 Central Street collected 06/07/16 at 10:45 by JG and received at NEL 06/07/16 at 11:44 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/07/16 15:34	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

06/24/16
Report# 43751

NEL# A15636: 003 Erie Fire Station collected 06/22/16 at 09:20 by RD and received at NEL 06/22/16 at 12:35 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N

NEL# A15637: 006 Metal Tronics collected 06/22/16 at 09:50 by RD and received at NEL 06/22/16 at 12:35 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N

NEL# A15638: 008 Marshall GP Well collected 06/22/16 at 08:00 by RD and received at NEL 06/22/16 at 12:35 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N

NEL# A15639: 010 Commissioner's Well collected 06/22/16 at 08:20 by RD and received at NEL 06/22/16 at 12:35 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N

NEL# A15640: 011 Duffy's GP Well collected 06/22/16 at 08:05 by RD and received at NEL 06/22/16 at 12:35 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N
Total Coliform, Colilert, P/A	present /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N

NEL# A15641: 012 Farm Lane Realty Trust collected 06/22/16 at 11:15 by RD and received at NEL 06/22/16 at 12:35 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N

NEL# A15642: 014 Patriot Lane Booster Station collected 06/22/16 at 10:10 by RD and received at NEL 06/22/16 at 12:35 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N

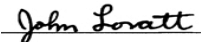
NEL# A15643: 015 Patriot Lane Building #9 collected 06/22/16 at 10:40 by RD and received at NEL 06/22/16 at 12:35 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

06/24/16
Report# 43751

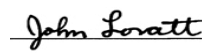
NEL# A15644: 013 Treatment Plant Finish collected 06/22/16 at 07:45 by RD and received at NEL 06/22/16 at 12:35 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	06/22/16 14:48	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

43637

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

June 7, 2016

Phone: (978) 777-4442 / FAX:

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #		By (GW D) Total Free		Chlorine		No. of Containers		Project Name				Turn Around Time	
Georgetown Water Department														DEP MONTHLY SAMPLES				NORMAL	
Contact Person		Address		E-mail										ANALYSIS REQUIRED					
Lou Mammolette		1 Moulton Street		mammolette@georgetownma.gov															
City		State		ZIP		Phone:													
Georgetown		MA		01833-1943		(978) 352-5750													
Type	Bot. #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX	Sample Location / Source		Total	Free	No. of Containers	CONTAINER	Total Coliform	pH by GtWD	Temperature			
RS		A15278	6/7/2016	09:45		X	DW	001 - Water Office	✓	1.2	1.0	1	110 PS	X	7.4	14.8			
RS		A15279	6/7/2016	10:25		X	DW	002 - (new) Penn Brook School	✓	.5	.3	1	110 PS	X	7.4	15.8			
RS		A15280	6/7/2016	10:05		X	DW	004 - High School	✓	1.0	.7	1	110 PS	X	7.3	15.7			
RS		A15281	6/7/2016	11:00		X	DW	005 - Baldpate Hospital	✓	.3	.2	1	110 PS	X	7.4	16.2			
RS		A15282	6/7/2016	09:30		X	DW	007 - Elderly Housing	✓	1.4	1.0	1	110 PS	X	7.3	14.8			
RW		A15283	6/7/2016	08:45		X	GW	008 - Marshall GP Well	✓	R	R	1	110 PS	X	6.5	14.0			
RS		A15284	6/7/2016	08:55		X	DW	009 - West Street Garage	✓	.4	.3	1	110 PS	X	7.4	14.6			
RW		A15285	6/7/2016	09:10		X	GW	010 - Commissioner's Well	✓	R	R	1	110PS	X	6.2	13.2			
RW		A15286	6/7/2016	08:40		X	GW	011 - Duffy's GP Well	✓	R	R	1	110 PS	X	6.7	14.0			
PT		A15287	6/7/2016	08:30		X	DW	013 - Treatment Plant Finish	✓	2.0	1.8	1	110 PS	X	7.4	13.5			
RS		A15288	6/7/2016	10:45		X	DW	269 Central Street	✓	.4	.2	1	110 PS	X	7.4	16.3			
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water																			
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown																			
RS	Routine	Special Remarks / Requests																	
RW	Raw Water																		
SS	Special																		
Relinquished by: (Signature)			Date / Time		Received by: (Signature) (at Lab)			Date / Time											
<i>[Signature]</i>			6/7/16 11:42		<i>[Signature]</i>			6/7/16 11:44											
Relinquished by: (Signature)			Date / Time		Received by: (Signature)			Date / Time											
<p>Turn-Around-Time (TAT) Surcharges</p> <p>Normal (7-10 Working Days) = 0%</p> <p>6 Working Days = 10% 3 Working Days = 75%</p> <p>5 Working Days = 25% 48 Hours = 100%</p> <p>4 Working Days = 50% 24 Hours = 150%</p> <p>* - TAT begins when sample is received at test facility</p> <p>* - TAT for samples received after 3p.m. will begin on the next business day</p> <p>- All TATs are subject to laboratory approval and customer consent</p>																			

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

June 22, 2016

978-777-4442

CHAIN OF CUSTODY

COLIFORM

[illegible]

Lab reserves the right to return unused samples to client



Massachusetts Department of Environmental Protection - Drinking Water Program

B

BACTERIOLOGICAL REPORT

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

PWS ID #: 3105000 **PWS Name:** Town of Georgetown, Water Department **City/Town:** Georgetown **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-MA123 **Primary Lab Name:** Northeast Environmental Laboratory, Inc. **Subcontracted? (Y/N):** N
Analysis Lab MA Cert.#: **Analysis Lab Name:**

☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction

(2) Collection Date of Original Sample:

Total Coliform (TC) Method	E.coli (EC) Method	Enterococci (ET) Method	Fecal Coliform (FC) Method ^{2B}	HPC Method	Lab Sample Notes
9223B	9223B				

MassDEP Approved Sample Site Information ¹			TC ^{4,5} Result	EC ^{4,5} Result	ET ^{4,5} Result	FC ^{2B,4} Result	Chlorine Result ^{2A} mg/L	HPC Result ^{2A} #cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
Sample Type ^{1,3}	Location Code # ¹	Approved SAMPLE LOCATION ¹							DATE	TIME	DATE	TIME		
RS	001	Water Office	A	A					07/06/16	08:45	07/06/16	11:02	J. Gallagher	A15867
RS	002	Penn Brook School	A	A					07/06/16	09:40	07/06/16	11:02	J. Gallagher	A15868
RS	004	High School	A	A					07/06/16	09:15	07/06/16	11:02	J. Gallagher	A15869
RS	005	Baldpate Hospital	A	A					07/06/16	10:15	07/06/16	11:02	J. Gallagher	A15870
RS	007	Elderly Housing	A	A					07/06/16	08:30	07/06/16	11:02	J. Gallagher	A15871
RW	008	Marshall GP Well	A	A					07/06/16	07:55	07/06/16	11:02	J. Gallagher	A15872
RS	009	West Street Garage	A	A					07/06/16	07:45	07/06/16	11:02	J. Gallagher	A15873
RW	010	Commissioner's Well	A	A					07/06/16	08:10	07/06/16	11:02	J. Gallagher	A15874
RW	011	Duffy's GP Well	P	A					07/06/16	07:50	07/06/16	11:02	J. Gallagher	A15875
PT	013	Treatment Plant Finish	A	A					07/06/16	07:25	07/06/16	11:02	J. Gallagher	A15876
RS		269 Central Street	A	A					07/06/16	10:00	07/06/16	11:02	J. Gallagher	A15877
RS	003	Erie Fire Station	A	A					07/20/16	10:05	07/20/16	15:00	J. Gallagher	A16164
RS	006	Metal Tronics	A	A					07/20/16	10:45	07/20/16	15:00	J. Gallagher	A16165
RW	008	Marshall GP Well	A	A					07/20/16	08:45	07/20/16	15:00	J. Gallagher	A16166
RW	010	Commissioner's Well	A	A					07/20/16	09:45	07/20/16	15:00	J. Gallagher	A16167
RW	011	Duffy's GP Well	A	A					07/20/16	08:40	07/20/16	15:00	J. Gallagher	A16168
RS	012	Farm Lane Realty Trust	A	A					07/20/16	10:20	07/20/16	15:00	J. Gallagher	A16169
RS	014	Patriot Lane Booster Station	A	A					07/20/16	11:20	07/20/16	15:00	J. Gallagher	A16170
RS	015	Patriot Lane Building #9	A	A					07/20/16	11:05	07/20/16	15:00	J. Gallagher	A16171
PT	013	Treatment Plant Finish	A	A					07/20/16	08:55	07/20/16	15:00	J. Gallagher	A16172

¹ Sample Type, Location Code#, and Approved Sample Location must correspond to the sample information on your MassDEP Coliform Sampling Plan.

^{2A} 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. ^{2B} Fecal reporting is for unfiltered SWTR sources only.

³ 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

⁴ Report as #/100mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present). Notify MassDEP of any *E. coli* or enterococci positive results by the end of the business day.

⁵ Collect appropriate number of repeat samples within 24 hours of laboratory notification for total coliform-positive or invalid samples and *E. coli* or enterococci-positive raw water samples.

In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

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:

John J. J. J.

07/25/16

MassDEP Review Status: ☐ Accepted ☐ Disapproved

Review Comments:

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

07/07/16
Report# 43836

NEL# A15867: 001 Water Office collected 07/06/16 at 08:45 by JG and received at NEL 07/06/16 at 10:40 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N

NEL# A15868: 002 Penn Brook School collected 07/06/16 at 09:40 by JG and received at NEL 07/06/16 at 10:40 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N

NEL# A15869: 004 High School collected 07/06/16 at 09:15 by JG and received at NEL 07/06/16 at 10:40 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N

NEL# A15870: 005 Baldpate Hospital collected 07/06/16 at 10:15 by JG and received at NEL 07/06/16 at 10:40 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N

NEL# A15871: 007 Elderly Housing collected 07/06/16 at 08:30 by JG and received at NEL 07/06/16 at 10:40 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N

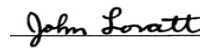
NEL# A15872: 008 Marshall GP Well collected 07/06/16 at 07:55 by JG and received at NEL 07/06/16 at 10:40 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

07/07/16
Report# 43836

NEL# A15873: 009 West Street Garage collected 07/06/16 at 07:45 by JG and received at NEL 07/06/16 at 10:40 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N

NEL# A15874: 010 Commissioner's Well collected 07/06/16 at 08:10 by JG and received at NEL 07/06/16 at 10:40 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N

NEL# A15875: 011 Duffy's GP Well collected 07/06/16 at 07:50 by JG and received at NEL 07/06/16 at 10:40 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N
Total Coliform, Colilert, P/A	present /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N

NEL# A15876: 013 Treatment Plant Finish collected 07/06/16 at 07:25 by JG and received at NEL 07/06/16 at 10:40 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N

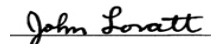
NEL# A15877: 269 Central Street collected 07/06/16 at 10:00 by JG and received at NEL 07/06/16 at 10:40 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/06/16 11:02	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

07/22/16
Report# 43960

NEL# A16164: 003 Erie Fire Station collected 07/20/16 at 10:05 by JG and received at NEL 07/20/16 at 12:50 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N

NEL# A16165: 006 Metal Tronics collected 07/20/16 at 10:45 by JG and received at NEL 07/20/16 at 12:50 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N

NEL# A16166: 008 Marshall GP Well collected 07/20/16 at 08:45 by JG and received at NEL 07/20/16 at 12:50 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N

NEL# A16167: 010 Commissioner's Well collected 07/20/16 at 09:45 by JG and received at NEL 07/20/16 at 12:50 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N

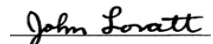
NEL# A16168: 011 Duffy's GP Well collected 07/20/16 at 08:40 by JG and received at NEL 07/20/16 at 12:50 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

07/22/16
Report# 43960

NEL# A16169: 012 Farm Lane Realty Trust collected 07/20/16 at 10:20 by JG and received at NEL 07/20/16 at 12:50 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N

NEL# A16170: 014 Patriot Lane Booster Station collected 07/20/16 at 11:20 by JG and received at NEL 07/20/16 at 12:50 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N

NEL# A16171: 015 Patriot Lane Building #9 collected 07/20/16 at 11:05 by JG and received at NEL 07/20/16 at 12:50 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N

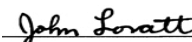
NEL# A16172: 013 Treatment Plant Finish collected 07/20/16 at 08:55 by JG and received at NEL 07/20/16 at 12:50 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	07/20/16 15:00	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

43836

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

July 6, 2016

Phone: (978) 777-4442 / FAX:

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #		Project Name				Turn Around Time				
Georgetown Water Department								DEP MONTHLY SAMPLES				NORMAL				
Contact Person		Address		E-mail		By (GW D)		Chlorine		No. of Containers		ANALYSIS REQUIRED				
Lou Mammolette		1 Moulton Street		lmammolette@georgetownma.gov												
City		State		ZIP		Phone:										
Georgetown		MA		01833-1943		(978) 352-5750										
Type	Bot. #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX	Sample Location / Source		Total	Free	No. of Containers	CONTAINER	Total Coliform	pH by GtWD	Temperature
RS		A15867	7/6/2016	08:45		X	DW	001 - Water Office		1.3	1.0	1	110 PS	X	7.2	16.9
RS		A15868	7/6/2016	09:40		X	DW	002 -(new) Penn Brook School		.6	.4	1	110 PS	X	7.2	19.3
RS		A15869	7/6/2016	09:15		X	DW	004 - High School		.9	.5	1	110 PS	X	7.4	18.6
RS		A15870	7/6/2016	10:15		X	DW	005 - Baldpate Hospital		.4	.4	1	110 PS	X	7.2	18.7
RS		A15871	7/6/2016	08:30		X	DW	007 - Elderly Housing		1.1	1.0	1	110 PS	X	7.2	16.7
RW		A15872	7/6/2016	07:55		X	GW	008 - Marshall GP Well		R	R	1	110 PS	X	6.5	14.2
RS		A15873	7/6/2016	07:45		X	DW	009 - West Street Garage		1.4	.8	1	110 PS	X	7.2	16.2
RW		A15874	7/6/2016	08:10		X	GW	010 - Commissioner's Well		R	R	1	110PS	X	6.2	13.4
RW		A15875	7/6/2016	07:50		X	GW	011 - Duffy's GP Well		R	R	1	110 PS	X	6.8	15.4
PT		A15876	7/6/2016	07:25		X	DW	013 - Treatment Plant Finish		2.0	1.6	1	110 PS	X	7.3	14.6
RS		A15877	7/6/2016	10:00		X	DW	269 Central Street		.5	.3	1	110 PS	X	7.2	18.6
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water																
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown																
RS	Routine	Special Remarks / Requests														
RW	Raw Water															
SS	Special															
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time										
<i>[Signature]</i>		7/6/16 10:40		<i>[Signature]</i>		07/06/16 10:40										
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time										
—		—		—		—										
Turn-Around-Time (TAT) Surcharges Normal (7-10 Working Days)= 0% 6 Working Days = 10% 3 Working Days = 75% 5 Working Days = 25% 48 Hours = 100% 4 Working Days = 50% 24 Hours = 150% - TAT begins when sample is received at test facility - TAT for samples received after 3p.m. will begin on the next bussiness day - All TAT's are subject to laboratory approval and customer consent																

43960

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

July 20, 2016

978-777-4442

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #	
Georgetown Water Department							
Contact Person		Address		E-mail			
James Gallagher		1 Moulton Street		jgallagher@georgetownma.gov			
City		State		ZIP		Phone:	
Georgetown		MA		01833-1943		(978) 352-5750	
Type	Bot. #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX
Sample Location / Source							
RS		A16164	7/20/2016	10:05	X	DW	003- Erie Fire Station
RS		A16165	7/20/2016	10:45	X	DW	006- Metal Tronics
RW		A16166	7/20/2016	08:45	X	GW	008- Marshall GP Well
RW		A16167	7/20/2016	09:45	X	GW	010- Commissioner's Well
RW		A16168	7/20/2016	08:40	X	GW	011-Duffy's GP Well
RS		A16169	7/20/2016	10:20	X	DW	012- Farm Lane Realty Trust
RS		A16170	7/20/2016	11:20	X	DW	014- Patriot Lane Booster Station
RS		A16171	7/20/2016	11:05	X	DW	015- Patriot Lane Building #9
PT		A16172	7/20/2016	08:55	X	DW	013- Treatment Plant Finish
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water							
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown							
RS	Routine	Special Remarks / Requests					
RW	Raw Water						
SS	Special						
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
<i>James Gallagher</i>		7/20/16 11:30 am		<i>[Signature]</i>		07/20/16 11:30 AM	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
<i>[Signature]</i>		07/20/16 12:50 am		<i>[Signature]</i>		07/20/16 12:50	
Turn-Around-Time (TAT) Surcharges Normal (7-10 Working Days)= 0% 6 Working Days = 10% 3 Working Days = 75% 5 Working Days = 25% 48 Hours = 100% 4 Working Days = 50% 24 Hours = 150% *- TAT begins when sample is received at test facility *- TAT for samples received after 3p.m. will begin on the next business day - All TATs are subject to laboratory approval and customer consent							

Lab reserves the right to return unused samples to client



Massachusetts Department of Environmental Protection - Drinking Water Program

B

BACTERIOLOGICAL REPORT

I. PWS INFORMATION: Refer to your MassDEP Coliform Sampling Plan to help complete the PWS Information and MassDEP Approved Sample Site Information sections below.PWS ID #: 3105000 PWS Name: Town of Georgetown, Water Department City/Town: Georgetown 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-MA123 Primary Lab Name: Northeast Environmental Laboratory, Inc. Subcontracted? (Y/N): N
Analysis Lab MA Cert.#: Analysis Lab Name:☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction

(2) Collection Date of Original Sample:

Total Coliform (TC) Method	E.coli (EC) Method	Enterococci (ET) Method	Fecal Coliform (FC) Method ^{2B}	HPC Method	Lab Sample Notes
9223B	9223B				

MassDEP Approved Sample Site Information ¹			TC ^{4,5} Result	EC ^{4,5} Result	ET ^{4,5} Result	FC ^{2B,4} Result	Chlorine Result ^{2A} mg/L	HPC Result ^{2A} #cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
Sample Type ^{1,3}	Location Code # ¹	Approved SAMPLE LOCATION ¹							DATE	TIME	DATE	TIME		
RS	001	Water Office	A	A					08/10/16	08:45	08/10/16	12:10	J. Gallagher	A16643
RS	002	Penn Brook School	A	A					08/10/16	10:20	08/10/16	12:10	J. Gallagher	A16644
RS	004	High School	A	A					08/10/16	10:00	08/10/16	12:10	J. Gallagher	A16645
RS	005	Baldpate Hospital	A	A					08/10/16	11:15	08/10/16	12:10	J. Gallagher	A16646
RS	007	Elderly Housing	A	A					08/10/16	08:30	08/10/16	12:10	J. Gallagher	A16647
RW	008	Marshall GP Well	A	A					08/10/16	07:55	08/10/16	12:10	J. Gallagher	A16648
RS	009	West Street Garage	A	A					08/10/16	07:40	08/10/16	12:10	J. Gallagher	A16649
RW	010	Commissioner's Well	A	A					08/10/16	08:15	08/10/16	12:10	J. Gallagher	A16650
RW	011	Duffy's GP Well	A	A					08/10/16	08:00	08/10/16	12:10	J. Gallagher	A16651
PT	013	Treatment Plant Finish	A	A					08/10/16	09:10	08/10/16	12:10	J. Gallagher	A16652
RS		269 Central Street	A	A					08/10/16	10:45	08/10/16	12:10	J. Gallagher	A16653
RS	003	Erie Fire Station	A	A					08/23/16	08:40	08/23/16	13:12	J. Gallagher	A16875
RS	006	Metal Tronics	A	A					08/23/16	09:45	08/23/16	13:12	J. Gallagher	A16876
RW	008	Marshall GP Well	A	A					08/23/16	07:55	08/23/16	13:12	J. Gallagher	A16877
RW	010	Commissioner's Well	A	A					08/23/16	08:15	08/23/16	13:12	J. Gallagher	A16878
RW	011	Duffy's GP Well	A	A					08/23/16	08:00	08/23/16	13:12	J. Gallagher	A16879
RS	012	Farm Lane Realty Trust	A	A					08/23/16	10:15	08/23/16	13:12	J. Gallagher	A16880
RS	014	Patriot Lane Booster Station	A	A					08/23/16	09:15	08/23/16	13:12	J. Gallagher	A16881
RS	015	Patriot Lane Building #9	A	A					08/23/16	09:30	08/23/16	13:12	J. Gallagher	A16882
PT	013	Treatment Plant Finish	A	A					08/23/16	07:40	08/23/16	13:12	J. Gallagher	A16883

¹ Sample Type, Location Code#, and Approved Sample Location must correspond to the sample information on your MassDEP Coliform Sampling Plan.^{2A} 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. ^{2B} Fecal reporting is for unfiltered SWTR sources only.³ 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 Sample⁴ Report as #/100mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present). Notify MassDEP of any E.coli or enterococci positive results by the end of the business day.⁵ Collect appropriate number of repeat samples within 24 hours of laboratory notification for total coliform-positive or invalid samples and E.coli or enterococci-positive raw water samples.In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

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:

08/24/16

MassDEP Review Status: ☐ Accepted ☐ Disapproved

Review Comments:

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

08/11/16
Report# 44126

NEL# A16643: 001 Water Office collected 08/10/16 at 08:45 by JG and received at NEL 08/10/16 at 11:30 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N

NEL# A16644: 002 Penn Brook School collected 08/10/16 at 10:20 by JG and received at NEL 08/10/16 at 11:30 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N

NEL# A16645: 004 High School collected 08/10/16 at 10:00 by JG and received at NEL 08/10/16 at 11:30 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N

NEL# A16646: 005 Baldpate Hospital collected 08/10/16 at 11:15 by JG and received at NEL 08/10/16 at 11:30 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N

NEL# A16647: 007 Elderly Housing collected 08/10/16 at 08:30 by JG and received at NEL 08/10/16 at 11:30 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N

NEL# A16648: 008 Marshall GP Well collected 08/10/16 at 07:55 by JG and received at NEL 08/10/16 at 11:30 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N

NEL# A16649: 009 West Street Garage collected 08/10/16 at 07:40 by JG and received at NEL 08/10/16 at 11:30 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N

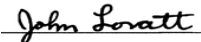
NEL# A16650: 010 Commissioner's Well collected 08/10/16 at 08:15 by JG and received at NEL 08/10/16 at 11:30 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

08/11/16
Report# 44126

NEL# A16651: 011 Duffy's GP Well collected 08/10/16 at 08:00 by JG and received at NEL 08/10/16 at 11:30 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N

NEL# A16652: 013 Treatment Plant Finish collected 08/10/16 at 09:10 by JG and received at NEL 08/10/16 at 11:30 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N

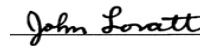
NEL# A16653: 269 Central Street collected 08/10/16 at 10:45 by JG and received at NEL 08/10/16 at 11:30 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/10/16 12:10	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

08/24/16
Report# 44217

NEL# A16875: 003 Erie Fire Station collected 08/23/16 at 08:40 by JG and received at NEL 08/23/16 at 11:05 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N

NEL# A16876: 006 Metal Tronics collected 08/23/16 at 09:45 by JG and received at NEL 08/23/16 at 11:05 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N

NEL# A16877: 008 Marshall GP Well collected 08/23/16 at 07:55 by JG and received at NEL 08/23/16 at 11:05 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N

NEL# A16878: 010 Commissioner's Well collected 08/23/16 at 08:15 by JG and received at NEL 08/23/16 at 11:05 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N

NEL# A16879: 011 Duffy's GP Well collected 08/23/16 at 08:00 by JG and received at NEL 08/23/16 at 11:05 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N

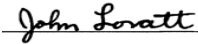
NEL# A16880: 012 Farm Lane Realty Trust collected 08/23/16 at 10:15 by JG and received at NEL 08/23/16 at 11:05 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

08/24/16
Report# 44217

NEL# A16881: 014 Patriot Lane Booster Station collected 08/23/16 at 09:15 by JG and received at NEL 08/23/16 at 11:05 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N

NEL# A16882: 015 Patriot Lane Building #9 collected 08/23/16 at 09:30 by JG and received at NEL 08/23/16 at 11:05 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N

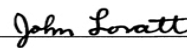
NEL# A16883: 013 Treatment Plant Finish collected 08/23/16 at 07:40 by JG and received at NEL 08/23/16 at 11:05 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	08/23/16 13:12	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

44126

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

August 10, 2016

Phone: (978) 777-4442 / FAX:

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #		By (GW D) Chlorine Total Free No. of Containers		Project Name						Turn Around Time		
Georgetown Water Department										DEP MONTHLY SAMPLES						NORMAL		
Contact Person		Address		E-mail						ANALYSIS REQUIRED								
Lou Mammolette		1 Moulton Street		lmammolette@georgetownma.gov														
City		State		ZIP		Phone:												
Georgetown		MA		01833-1943		(978) 352-5750												
Type	Bot. #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX	Sample Location / Source		Total	Free	No. of Containers	CONTAINER	Total Coliform	pH by GtWD	Temperature		
RS	A16643		8/10/2016	08:45	X	DW		001 - Water Office		1.0	.9	1	110 PS	X	7.2	18.2		
RS	A16644		8/10/2016	10:20	X	DW		002 - (new) Penn Brook School		.4	.3	1	110 PS	X	7.2	21.2		
RS	A16645		8/10/2016	10:00	X	DW		004 - High School		.7	.6	1	110 PS	X	7.3	22.1		
RS	A16646		8/10/2016	11:15	X	DW		005 - Baldpate Hospital		.7	.5	1	110 PS	X	7.2	20.9		
RS	A16647		8/10/2016	08:30	X	DW		007 - Elderly Housing		1.0	.9	1	110 PS	X	7.2	19.0		
RW	A16648		8/10/2016	07:55	X	GW		008 - Marshall GP Well		R	R	1	110 PS	X	6.4	14.8		
RS	A16649		8/10/2016	07:40	X	DW		009 - West Street Garage		.7	.6	1	110 PS	X	7.2	18.6		
RW	A16650		8/10/2016	08:15	X	GW		010 - Commissioner's Well		R	R	1	110PS	X	6.3	13.4		
RW	A16651		8/10/2016	08:00	X	GW		011 - Duffy's GP Well		R	R	1	110 PS	X	6.8	15.6		
PT	A16652		8/10/2016	09:10	X	DW		013 - Treatment Plant Finish		1.8	1.5	1	110 PS	X	7.2	14.8		
RS	A16653		8/10/2016	10:45	X	DW		269 Central Street		.5	.3	1	110 PS	X	7.2	21.5		
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water										Sampler's Signature: <i>Jim Gallagher</i>								
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown										Sampler Type: <i>Grab</i>								
RS	Routine	Special Remarks / Requests																
RW	Raw Water																	
SS	Special																	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time		Turn-Around-Time (TAT) Surcharges Normal (7-10 Working Days) = 0% 6 Working Days = 10% 3 Working Days = 75% 5 Working Days = 25% 48 Hours = 100% 4 Working Days = 50% 24 Hours = 150% *- TAT begins when sample is received at test facility *- TAT for samples received after 3p.m. will begin on the next business day - All TATs are subject to laboratory approval and customer consent										
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time												
<i>Jim Gallagher</i>		8/10/16 11:30 Am.		<i>Angel P...</i>		8/10/16 11:30												

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

August 23, 2016

978-777-4442

CHAIN OF CUSTODY

COLIFORM

[illegible]

Lab reserves the right to return unused samples to client



Massachusetts Department of Environmental Protection - Drinking Water Program

B

BACTERIOLOGICAL REPORT

I. PWS INFORMATION: Refer to your MassDEP Coliform Sampling Plan to help complete the PWS Information and MassDEP Approved Sample Site Information sections below.PWS ID #: 3105000 PWS Name: Town of Georgetown, Water Department City/Town: Georgetown 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-MA123 Primary Lab Name: Northeast Environmental Laboratory, Inc. Subcontracted? (Y/N): N
Analysis Lab MA Cert.#: Analysis Lab Name:☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction

(2) Collection Date of Original Sample:

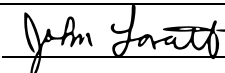
Total Coliform (TC) Method	E.coli (EC) Method	Enterococci (ET) Method	Fecal Coliform (FC) Method ^{2B}	HPC Method	Lab Sample Notes
9223B	9223B				

MassDEP Approved Sample Site Information ¹			TC ^{4,5} Result	EC ^{4,5} Result	ET ^{4,5} Result	FC ^{2B,4} Result	Chlorine Result ^{2A} mg/L	HPC Result ^{2A} #cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
Sample Type ^{1,3}	Location Code # ¹	Approved SAMPLE LOCATION ¹							DATE	TIME	DATE	TIME		
RS	001	Water Office	A	A					09/07/16	08:50	09/07/16	13:33	J. Gallagher	A17217
RS	002	Penn Brook School	A	A					09/07/16	09:40	09/07/16	13:33	J. Gallagher	A17218
RS	004	High School	A	A					09/07/16	11:00	09/07/16	13:33	J. Gallagher	A17219
RS	005	Baldpate Hospital	A	A					09/07/16	10:15	09/07/16	13:33	J. Gallagher	A17220
RS	007	Elderly Housing	A	A					09/07/16	08:30	09/07/16	13:33	J. Gallagher	A17221
RW	008	Marshall GP Well	A	A					09/07/16	07:30	09/07/16	13:33	J. Gallagher	A17222
RS	009	West Street Garage	A	A					09/07/16	07:55	09/07/16	13:33	J. Gallagher	A17223
RW	010	Commissioner's Well	A	A					09/07/16	08:10	09/07/16	13:33	J. Gallagher	A17224
RW	011	Duffy's GP Well	A	A					09/07/16	07:35	09/07/16	13:33	J. Gallagher	A17225
PT	013	Treatment Plant Finish	A	A					09/07/16	07:45	09/07/16	13:33	J. Gallagher	A17226
RS		269 Central Street	A	A					09/07/16	10:40	09/07/16	13:33	J. Gallagher	A17227
RS	003	Erie Fire Station	A	A					09/20/16	08:15	09/20/16	11:25	J. Gallagher	A17628
RS	006	Metal Tronics	A	A					09/20/16	09:20	09/20/16	11:25	J. Gallagher	A17629
RW	008	Marshall GP Well	A	A					09/20/16	07:45	09/20/16	11:25	J. Gallagher	A17630
RW	011	Duffy's GP Well	A	A					09/20/16	07:40	09/20/16	11:25	J. Gallagher	A17631
RS	012	Farm Lane Realty Trust	A	A					09/20/16	09:45	09/20/16	11:25	J. Gallagher	A17632
RS	014	Patriot Lane Booster Station	A	A					09/20/16	08:40	09/20/16	11:25	J. Gallagher	A17633
RS	015	Patriot Lane Building #9	A	A					09/20/16	08:55	09/20/16	11:25	J. Gallagher	A17634
PT	013	Treatment Plant Finish	A	A					09/20/16	07:30	09/20/16	11:25	J. Gallagher	A17635

¹ Sample Type, Location Code#, and Approved Sample Location must correspond to the sample information on your MassDEP Coliform Sampling Plan.^{2A} 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. ^{2B} Fecal reporting is for unfiltered SWTR sources only.³ 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 Sample⁴ Report as #/100mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present). Notify MassDEP of any *E. coli* or enterococci positive results by the end of the business day.⁵ Collect appropriate number of repeat samples within 24 hours of laboratory notification for total coliform-positive or invalid samples and *E. coli* or enterococci-positive raw water samples.In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

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:



09/21/16

MassDEP Review Status: ☐ Accepted ☐ Disapproved

Review Comments:

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

09/08/16
Report# 44328

NEL# A17217: 001 Water Office collected 09/07/16 at 08:50 by JG and received at NEL 09/07/16 at 11:15 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N

NEL# A17218: 002 Penn Brook School collected 09/07/16 at 09:40 by JG and received at NEL 09/07/16 at 11:15 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N

NEL# A17219: 004 High School collected 09/07/16 at 11:00 by JG and received at NEL 09/07/16 at 11:15 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N

NEL# A17220: 005 Baldpate Hospital collected 09/07/16 at 10:15 by JG and received at NEL 09/07/16 at 11:15 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N

NEL# A17221: 007 Elderly Housing collected 09/07/16 at 08:30 by JG and received at NEL 09/07/16 at 11:15 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N

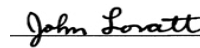
NEL# A17222: 008 Marshall GP Well collected 09/07/16 at 07:30 by JG and received at NEL 09/07/16 at 11:15 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

09/08/16
Report# 44328

NEL# A17223: 009 West Street Garage collected 09/07/16 at 07:55 by JG and received at NEL 09/07/16 at 11:15 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N

NEL# A17224: 010 Commissioner's Well collected 09/07/16 at 08:10 by JG and received at NEL 09/07/16 at 11:15 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N

NEL# A17225: 011 Duffy's GP Well collected 09/07/16 at 07:35 by JG and received at NEL 09/07/16 at 11:15 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N

NEL# A17226: 013 Treatment Plant Finish collected 09/07/16 at 07:45 by JG and received at NEL 09/07/16 at 11:15 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N

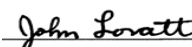
NEL# A17227: 269 Central Street collected 09/07/16 at 10:40 by JG and received at NEL 09/07/16 at 11:15 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/07/16 13:33	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

09/21/16
Report# 44447

NEL# A17628: 003 Erie Fire Station collected 09/20/16 at 08:15 by JG and received at NEL 09/20/16 at 10:05 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N

NEL# A17629: 006 Metal Tronics collected 09/20/16 at 09:20 by JG and received at NEL 09/20/16 at 10:05 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N

NEL# A17630: 008 Marshall GP Well collected 09/20/16 at 07:45 by JG and received at NEL 09/20/16 at 10:05 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N

NEL# A17631: 011 Duffy's GP Well collected 09/20/16 at 07:40 by JG and received at NEL 09/20/16 at 10:05 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N

NEL# A17632: 012 Farm Lane Realty Trust collected 09/20/16 at 09:45 by JG and received at NEL 09/20/16 at 10:05 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N

NEL# A17633: 014 Patriot Lane Booster Station collected 09/20/16 at 08:40 by JG and received at NEL 09/20/16 at 10:05 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N

NEL# A17634: 015 Patriot Lane Building #9 collected 09/20/16 at 08:55 by JG and received at NEL 09/20/16 at 10:05 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N

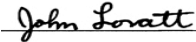
NEL# A17635: 013 Treatment Plant Finish collected 09/20/16 at 07:30 by JG and received at NEL 09/20/16 at 10:05 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	09/20/16 11:25	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

44328

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

September 7, 2016

Phone: (978) 777-4442 / FAX:

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #		By (GW D) Chlorine Total Free		No. of Containers		Project Name				Turn Around Time	
Georgetown Water Department												DEP MONTHLY SAMPLES				NORMAL	
Contact Person		Address		E-mail								ANALYSIS REQUIRED					
Lou Mammolette		1 Moulton Street		lmammolette@georgetownma.gov													
City		State		ZIP		Phone:											
Georgetown		MA		01833-1943		(978) 352-5750											
Type	Bot. #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX	Sample Location / Source		Total	Free	No. of Containers	CONTAINER	Total Coliform	pH by GtWD	Temperature	
RS		AP217	9/7/2016	08:50		X	DW	001 - Water Office		.8	.6	1	110 PS	X	7.3	18.8	
RS		A17218	9/7/2016	09:40		X	DW	002 - (new) Penn Brook School		.4	.2	1	110 PS	X	7.2	20.2	
RS		A17219	9/7/2016	11:00		X	DW	004 - High School		.6	.3	1	110 PS	X	7.2	20.0	
RS		A17220	9/7/2016	10:15		X	DW	005 - Baldpate Hospital		.5	.2	1	110 PS	X	7.2	19.5	
RS		A17221	9/7/2016	08:30		X	DW	007 - Elderly Housing		.9	.8	1	110 PS	X	7.2	19.4	
RW		A17222	9/7/2016	07:30		X	GW	008 - Marshall GP Well		R	R	1	110 PS	X	6.5	14.7	
RS		A17223	9/7/2016	07:55		X	DW	009 - West Street Garage		1.0	.7	1	110 PS	X	7.2	17.4	
RW		A17224	9/7/2016	08:10		X	GW	010 - Commissioner's Well		R	R	1	110PS	X	6.2	13.3	
RW		A17225	9/7/2016	07:35		X	GW	011 - Duffy's GP Well		R	R	1	110 PS	X	6.8	15.4	
PT		A17226	9/7/2016	07:45		X	DW	013 - Treatment Plant Finish		1.8	1.5	1	110 PS	X	7.2	15.3	
RS		A17227	9/7/2016	10:40		X	DW	269 Central Street		.5	.3	1	110 PS	X	7.2	21.2	
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water																	
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown																	
RS	Routine	Special Remarks / Requests															
RW	Raw Water																
SS	Special																
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time											
<i>[Signature]</i>		9/7/16 11:15 AM		<i>[Signature]</i>		09/07/16 11:15											
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time											
Sampler's Signature: <i>[Signature]</i> Sampler Type: <i>Grab</i> Turn-Around-Time (TAT) Surcharges Normal (7-10 Working Days) = 0% 6 Working Days = 10% 3 Working Days = 75% 5 Working Days = 25% 48 Hours = 100% 4 Working Days = 50% 24 Hours = 150% *- TAT begins when sample is received at test facility *- TAT for samples received after 3p.m. will begin on the next business day - All TAT's are subject to laboratory approval and customer consent																	

444.47

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

September 20, 2016

978-777-4442

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #	
Georgetown Water Department							
Contact Person		Address		E-mail			
James Gallagher		1 Moulton Street		jgallagher@georgetownma.gov			
City		State		ZIP		Phone:	
Georgetown		MA		01833-1943		(978) 352-5750	
Type	Bot. #	LAB I.D.	Date	Time	COMP	GRAB	SAMPLE LOCATION / SOURCE
RS		A17628	9/20/2016	08:15		X DW	003- Erie Fire Station
RS		A17629	9/20/2016	09:20		X DW	006- Metal Tronics
RW		A17630	9/20/2016	07:45		X GW	008- Marshall GP Well
RW			9/20/2016	Not sampled		X GW	010- Commissioner's Well
RW		A17631	9/20/2016	07:40		X GW	011-Duffy's GP Well
RS		A17632	9/20/2016	09:45		X DW	012- Farm Lane Realty Trust
RS		A17633	9/20/2016	08:40		X DW	014- Patriot Lane Booster Station
RS		A17634	9/20/2016	08:55		X DW	015- Patriot Lane Building #9
PT		A17635	9/20/2016	07:30		X DW	013- Treatment Plant Finish
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water							
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown							
RS	Routine	Special Remarks / Requests					
RW	Raw Water						
SS	Special						
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
Jim Gallagher		9/20/16 10:05		[Signature]		09/20/16 10:05	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
—		—		—		—	
Turn-Around-Time (TAT) Surcharges Normal (7-10 Working Days) = 0% 6 Working Days = 10% 3 Working Days = 75% 5 Working Days = 25% 48 Hours = 100% 4 Working Days = 50% 24 Hours = 150% *- TAT begins when sample is received at test facility *- TAT for samples received after 3p.m. will begin on the next business day - All TATs are subject to laboratory approval and customer consent							

Lab reserves the right to return unused samples to client



Massachusetts Department of Environmental Protection - Drinking Water Program

B

BACTERIOLOGICAL REPORT

I. PWS INFORMATION: Refer to your MassDEP Coliform Sampling Plan to help complete the PWS Information and MassDEP Approved Sample Site Information sections below.PWS ID #: 3105000 PWS Name: Town of Georgetown, Water Department City/Town: Georgetown 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-MA123 Primary Lab Name: Northeast Environmental Laboratory, Inc. Subcontracted? (Y/N): N
Analysis Lab MA Cert.#: Analysis Lab Name:☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction

(2) Collection Date of Original Sample:

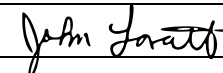
Total Coliform (TC) Method	E.coli (EC) Method	Enterococci (ET) Method	Fecal Coliform (FC) Method ^{2B}	HPC Method	Lab Sample Notes
9223B	9223B				

MassDEP Approved Sample Site Information ¹			TC ^{4,5} Result	EC ^{4,5} Result	ET ^{4,5} Result	FC ^{2B,4} Result	Chlorine Result ^{2A} mg/L	HPC Result ^{2A} #cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
Sample Type ^{1,3}	Location Code # ¹	Approved SAMPLE LOCATION ¹							DATE	TIME	DATE	TIME		
RS	001	Water Office	A	A					10/04/16	08:20	10/04/16	12:07	J. Gallagher	A17911
RS	002	Penn Brook School	A	A					10/04/16	09:40	10/04/16	12:07	J. Gallagher	A17912
RS	004	High School	A	A					10/04/16	09:20	10/04/16	12:07	J. Gallagher	A17913
RS	005	Baldpate Hospital	A	A					10/04/16	10:00	10/04/16	12:07	J. Gallagher	A17914
RS	007	Elderly Housing	A	A					10/04/16	08:45	10/04/16	12:07	J. Gallagher	A17915
RW	008	Marshall GP Well	A	A					10/04/16	07:55	10/04/16	12:07	J. Gallagher	A17916
RS	009	West Street Garage	A	A					10/04/16	08:10	10/04/16	12:07	J. Gallagher	A17917
RW	011	Duffy's GP Well	A	A					10/04/16	07:50	10/04/16	12:07	J. Gallagher	A17918
PT	013	Treatment Plant Finish	A	A					10/04/16	07:40	10/04/16	12:07	J. Gallagher	A17919
RS		269 Central Street	A	A					10/04/16	10:20	10/04/16	12:07	J. Gallagher	A17920
RS	003	Erie Fire Station	A	A					10/25/16	08:45	10/25/16	12:00	J. Gallagher	A18345
RS	006	Metal Tronics	A	A					10/25/16	09:30	10/25/16	12:00	J. Gallagher	A18346
RW	008	Marshall GP Well	A	A					10/25/16	08:00	10/25/16	12:00	J. Gallagher	A18347
RW	010	Commissioner's Well	A	A					10/25/16	08:15	10/25/16	12:00	J. Gallagher	A18348
RW	011	Duffy's GP Well	P	P					10/25/16	07:55	10/25/16	12:00	J. Gallagher	A18349
RS	012	Farm Lane Realty Trust	A	A					10/25/16	09:55	10/25/16	12:00	J. Gallagher	A18350
RS	014	Patriot Lane Booster Station	A	A					10/25/16	09:05	10/25/16	12:00	J. Gallagher	A18351
RS	015	Patriot Lane Building #9	A	A					10/25/16	09:20	10/25/16	12:00	J. Gallagher	A18352
PT	013	Treatment Plant Finish	A	A					10/25/16	07:45	10/25/16	12:00	J. Gallagher	A18353

¹ Sample Type, Location Code#, and Approved Sample Location must correspond to the sample information on your MassDEP Coliform Sampling Plan.^{2A} 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. ^{2B} Fecal reporting is for unfiltered SWTR sources only.³ 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 Sample⁴ Report as #/100mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present). Notify MassDEP of any *E. coli* or enterococci positive results by the end of the business day.⁵ Collect appropriate number of repeat samples within 24 hours of laboratory notification for total coliform-positive or invalid samples and *E. coli* or enterococci-positive raw water samples.In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

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:



11/02/16

MassDEP Review Status: ☐ Accepted ☐ Disapproved

Review Comments:

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

10/05/16
Report# 44550

NEL# A17911: 001 Water Office collected 10/04/16 at 08:20 by JG and received at NEL 10/04/16 at 10:38 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N

NEL# A17912: 002 Penn Brook School collected 10/04/16 at 09:40 by JG and received at NEL 10/04/16 at 10:38 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N

NEL# A17913: 004 High School collected 10/04/16 at 09:20 by JG and received at NEL 10/04/16 at 10:38 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N

NEL# A17914: 005 Baldpate Hospital collected 10/04/16 at 10:00 by JG and received at NEL 10/04/16 at 10:38 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N

NEL# A17915: 007 Elderly Housing collected 10/04/16 at 08:45 by JG and received at NEL 10/04/16 at 10:38 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N

NEL# A17916: 008 Marshall GP Well collected 10/04/16 at 07:55 by JG and received at NEL 10/04/16 at 10:38 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N

NEL# A17917: 009 West Street Garage collected 10/04/16 at 08:10 by JG and received at NEL 10/04/16 at 10:38 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N

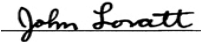
NEL# A17918: 011 Duffy's GP Well collected 10/04/16 at 07:50 by JG and received at NEL 10/04/16 at 10:38 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

10/05/16
Report# 44550

NEL# A17919: 013 Treatment Plant Finish collected 10/04/16 at 07:40 by JG and received at NEL 10/04/16 at 10:38 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N

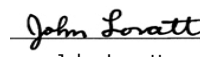
NEL# A17920: 269 Central Street collected 10/04/16 at 10:20 by JG and received at NEL 10/04/16 at 10:38 by MC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/04/16 12:07	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

11/02/16
Report# 44708

NEL# A18345: 003 Erie Fire Station collected 10/25/16 at 08:45 by JG and received at NEL 10/25/16 at 10:25 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N

NEL# A18346: 006 Metal Tronics collected 10/25/16 at 09:30 by JG and received at NEL 10/25/16 at 10:25 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N

NEL# A18347: 008 Marshall GP Well collected 10/25/16 at 08:00 by JG and received at NEL 10/25/16 at 10:25 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N

NEL# A18348: 010 Commissioner's Well collected 10/25/16 at 08:15 by JG and received at NEL 10/25/16 at 10:25 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N

NEL# A18349: 011 Duffy's GP Well collected 10/25/16 at 07:55 by JG and received at NEL 10/25/16 at 10:25 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	present /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	present /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N

NEL# A18350: 012 Farm Lane Realty Trust collected 10/25/16 at 09:55 by JG and received at NEL 10/25/16 at 10:25 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N

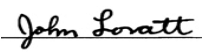
NEL# A18351: 014 Patriot Lane Booster Station collected 10/25/16 at 09:05 by JG and received at NEL 10/25/16 at 10:25 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

11/02/16
Report# 44708

NEL# A18352: 015 Patriot Lane Building #9 collected 10/25/16 at 09:20 by JG and received at NEL 10/25/16 at 10:25 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N

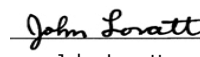
NEL# A18353: 013 Treatment Plant Finish collected 10/25/16 at 07:45 by JG and received at NEL 10/25/16 at 10:25 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	10/25/16 12:00	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

44550

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

October 4, 2016

Phone: (978) 777-4442 / FAX:

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID # 3105000		Purchase Order		Project #		By (GW D) Total Free		Chlorine		No. of Containers		Project Name						Turn Around Time	
Georgetown Water Department														DEP MONTHLY SAMPLES						NORMAL	
Contact Person		Address		E-mail										ANALYSIS REQUIRED							
Lou Mammolette		1 Moulton Street		lmammolette@georgetownma.gov																	
City		State		ZIP		Phone:															
Georgetown		MA		01833-1943		(978) 352-5750															
Type	Bot #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX	Sample Location / Source		Total	Free	No. of Containers	CONTAINER	Total Coliform	pH by GtWD	Temperature					
RS		A17911	10/4/2016	08:20		X	DW	001 - Water Office		.9	.8	1	110 PS	X	7.2	17.7					
RS		A17912	10/4/2016	09:40		X	DW	002 - (new) Penn Brook School		.4	.3	1	110 PS	X	7.2	19.5					
RS		A17913	10/4/2016	09:20		X	DW	004 - High School		.6	.5	1	110 PS	X	7.2	18.3					
RS		A17914	10/4/2016	10:00		X	DW	005 - Baldpate Hospital		.5	.3	1	110 PS	X	7.3	18.5					
RS		A17915	10/4/2016	08:45		X	DW	007 - Elderly Housing		1.0	.8	1	110 PS	X	7.3	18.2					
RW		A17916	10/4/2016	07:55		X	GW	008 - Marshall GP Well		R	R	1	110 PS	X	6.6	14.5					
RS		A17917	10/4/2016	08:10		X	DW	009 - West Street Garage		.5	.3	1	110 PS	X	7.2	17.2					
RW			N/S	Not Sampled		X	GW	010 - Commissioner's Well (Colt Line)		-	-		110PS	X	-	-	N/S				
RW		A17918	10/4/2016	07:50		X	GW	011 - Duffy's GP Well		R	R	1	110 PS	X	6.8	14.8					
PT		A17919	10/4/2016	07:40		X	DW	013 - Treatment Plant Finish		1.7	1.5	1	110 PS	X	7.2	15.2					
RS		A17920	10/4/2016	10:20		X	DW	269 Central Street		.4	.2	1	110 PS	X	7.3	18.5					
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water										Sampler's Signature: <i>[Signature]</i>											
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown										Sampler Type: <i>(Grab)</i>											
RS	Routine	Special Remarks / Requests																			
RW	Raw Water																				
SS	Special																				
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time															
<i>[Signature]</i>		10/4/16 10:38		<i>[Signature]</i>		10/04/16 10:38															
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time															
—		—		—		—															
Turn-Around-Time (TAT) Surcharges Normal (7-10 Working Days)= 0% 6 Working Days = 10% 3 Working Days = 75% 5 Working Days = 25% 48 Hours = 100% 4 Working Days = 50% 24 Hours = 150% "- TAT begins when sample is received at test facility" "- TAT for samples received after 3p.m. will begin on the next business day" "- All TAT's are subject to laboratory approval and customer consent																					

44708

October 25, 2016

COLIFORM

[illegible]

Lab reserves the right to return unused samples to client



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

10/27/16
Report# 44728

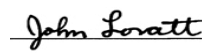
NEL# A18400: 011 Duffy's GP Well collected 10/26/16 at 14:00 by JG and received at NEL 10/26/16 at 14:30 by KC.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	present /100ml	absent MMCL	n/a	n/a	10/26/16 14:35	9223B	MA123	P, N
Total Coliform, Colilert, P/A	present /100ml	absent MMCL	n/a	n/a	10/26/16 14:35	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


John Lovatt
Laboratory Director

October 26, 2016

REPEAT CHAIN OF CUSTODY COLIFORM

[illegible]

Lab reserves the right to return unused samples to client



Massachusetts Department of Environmental Protection - Drinking Water Program

B

BACTERIOLOGICAL REPORT

I. PWS INFORMATION: Refer to your MassDEP Coliform Sampling Plan to help complete the PWS Information and MassDEP Approved Sample Site Information sections below.PWS ID #: 3105000 PWS Name: Town of Georgetown, Water Department City/Town: Georgetown 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-MA123 Primary Lab Name: Northeast Environmental Laboratory, Inc. Subcontracted? (Y/N): N
Analysis Lab MA Cert.#: Analysis Lab Name:☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction

(2) Collection Date of Original Sample:

Total Coliform (TC) Method	E.coli (EC) Method	Enterococci (ET) Method	Fecal Coliform (FC) Method ^{2B}	HPC Method	Lab Sample Notes
9223B	9223B				

MassDEP Approved Sample Site Information ¹			TC ^{4,5} Result	EC ^{4,5} Result	ET ^{4,5} Result	FC ^{2B,4} Result	Chlorine Result ^{2A} mg/L	HPC Result ^{2A} #cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
Sample Type ^{1,3}	Location Code # ¹	Approved SAMPLE LOCATION ¹							DATE	TIME	DATE	TIME		
RS	001	Water Office	A	A					11/08/16	08:55	11/08/16	11:29	J. Gallagher	A18741
RS	002	Penn Brook School	A	A					11/08/16	10:00	11/08/16	11:29	J. Gallagher	A18742
RS	004	High School	A	A					11/08/16	09:40	11/08/16	11:29	J. Gallagher	A18743
RS	005	Baldpate Hospital	A	A					11/08/16	10:20	11/08/16	11:29	J. Gallagher	A18744
RS	007	Elderly Housing	A	A					11/08/16	08:40	11/08/16	11:29	J. Gallagher	A18745
RW	008	Marshall GP Well	A	A					11/08/16	08:00	11/08/16	11:29	J. Gallagher	A18746
RS	009	West Street Garage	A	A					11/08/16	08:10	11/08/16	11:29	J. Gallagher	A18747
RW	010	Commissioner's Well	A	A					11/08/16	08:25	11/08/16	11:29	J. Gallagher	A18748
PT	013	Treatment Plant Finish	A	A					11/08/16	07:45	11/08/16	11:29	J. Gallagher	A18749
RS		269 Central Street	A	A					11/08/16	10:45	11/08/16	11:29	J. Gallagher	A18750
RS	003	Erie Fire Station	A	A					11/21/16	09:00	11/21/16	13:50	J. Gallagher	A19450
RS	006	Metal Tronics	A	A					11/21/16	10:00	11/21/16	13:50	J. Gallagher	A19451
RW	008	Marshall GP Well	A	A					11/21/16	08:05	11/21/16	13:50	J. Gallagher	A19452
RW	010	Commissioner's Well	A	A					11/21/16	08:25	11/21/16	13:50	J. Gallagher	A19453
RS	012	Farm Lane Realty Trust	A	A					11/21/16	10:45	11/21/16	13:50	J. Gallagher	A19454
RS	014	Patriot Lane Booster Station	A	A					11/21/16	09:30	11/21/16	13:50	J. Gallagher	A19455
RS	015	Patriot Lane Building #9	A	A					11/21/16	10:20	11/21/16	13:50	J. Gallagher	A19456
PT	013	Treatment Plant Finish	A	A					11/21/16	07:45	11/21/16	13:50	J. Gallagher	A19457

¹ Sample Type, Location Code#, and Approved Sample Location must correspond to the sample information on your MassDEP Coliform Sampling Plan.^{2A} 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. ^{2B} Fecal reporting is for unfiltered SWTR sources only.³ 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 Sample⁴ Report as #/100mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present). Notify MassDEP of any *E. coli* or enterococci positive results by the end of the business day.⁵ Collect appropriate number of repeat samples within 24 hours of laboratory notification for total coliform-positive or invalid samples and *E. coli* or enterococci-positive raw water samples.In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

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: _____

11/23/16

MassDEP Review Status: ☐ Accepted ☐ Disapproved

Review Comments: _____

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

11/10/16
Report# 44835

NEL# A18741: 001 Water Office collected 11/08/16 at 08:55 by JG and received at NEL 11/08/16 at 11:00 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N

NEL# A18742: 002 Penn Brook School collected 11/08/16 at 10:00 by JG and received at NEL 11/08/16 at 11:00 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N

NEL# A18743: 004 High School collected 11/08/16 at 09:40 by JG and received at NEL 11/08/16 at 11:00 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N

NEL# A18744: 005 Baldpate Hospital collected 11/08/16 at 10:20 by JG and received at NEL 11/08/16 at 11:00 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N

NEL# A18745: 007 Elderly Housing collected 11/08/16 at 08:40 by JG and received at NEL 11/08/16 at 11:00 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N

NEL# A18746: 008 Marshall GP Well collected 11/08/16 at 08:00 by JG and received at NEL 11/08/16 at 11:00 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N

NEL# A18747: 009 West Street Garage collected 11/08/16 at 08:10 by JG and received at NEL 11/08/16 at 11:00 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N

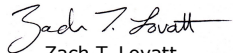
NEL# A18748: 010 Commissioner's Well collected 11/08/16 at 08:25 by JG and received at NEL 11/08/16 at 11:00 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


Zach T. Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

11/10/16
Report# 44835

NEL# A18749: 013 Treatment Plant Finish collected 11/08/16 at 07:45 by JG and received at NEL 11/08/16 at 11:00 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N

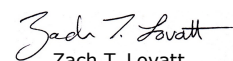
NEL# A18750: 269 Central Street collected 11/08/16 at 10:45 by JG and received at NEL 11/08/16 at 11:00 by ZTL.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/08/16 11:29	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


Zach T. Lovatt
Laboratory Director

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

11/23/16
Report# 44914

NEL# A19450: 003 Erie Fire Station collected 11/21/16 at 09:00 by JG and received at NEL 11/21/16 at 11:12 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N

NEL# A19451: 006 Metal Tronics collected 11/21/16 at 10:00 by JG and received at NEL 11/21/16 at 11:12 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N

NEL# A19452: 008 Marshall GP Well collected 11/21/16 at 08:05 by JG and received at NEL 11/21/16 at 11:12 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N

NEL# A19453: 010 Commissioner's Well collected 11/21/16 at 08:25 by JG and received at NEL 11/21/16 at 11:12 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N

NEL# A19454: 012 Farm Lane Realty Trust collected 11/21/16 at 10:45 by JG and received at NEL 11/21/16 at 11:12 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N

NEL# A19455: 014 Patriot Lane Booster Station collected 11/21/16 at 09:30 by JG and received at NEL 11/21/16 at 11:12 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N

NEL# A19456: 015 Patriot Lane Building #9 collected 11/21/16 at 10:20 by JG and received at NEL 11/21/16 at 11:12 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N

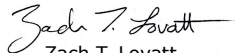
NEL# A19457: 013 Treatment Plant Finish collected 11/21/16 at 07:45 by JG and received at NEL 11/21/16 at 11:12 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	11/21/16 13:50	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


Zach T. Lovatt
Laboratory Director

44.835
 Northeast Environmental Laboratory, Inc.
 41 Dayton Street, Danvers, MA 01923

Phone: (978) 777-4442 / FAX:

CHAIN OF CUSTODY

COLIFORM

Date Received:

November 8, 2016

Company:		PWS ID # 3105000		Purchase Order		Project #	
Georgetown Water Department							
Contact Person		Address		E-mail			
Lou Mammolette		1 Moulton Street		lmammolette@georgetownma.gov			
City		State		ZIP		Phone:	
Georgetown		MA		01833-1943		(978) 352-5750	
Type	#	LAB I.D.	Date	Time	COMP	GRAB	MATRIX
RS	418741		11/8/2016	08:55	X	X	DW 001 - Water Office
RS	418742		11/8/2016	10:00	X	X	DW 002 - (new) Penn Brook School
RS	418743		11/8/2016	09:40	X	X	DW 004 - High School
RS	418744		11/8/2016	10:20	X	X	DW 005 - Balldate Hospital
RS	418745		11/8/2016	08:40	X	X	DW 007 - Elderly Housing
RS	418746		11/8/2016	08:00	X	X	DW 008 - Marshall GP Well
RS	418747		11/8/2016	08:10	X	X	DW 009 - West Street Garage
RS	418748		11/8/2016	08:25	X	X	DW 010 - Commissioner's Well
RS	418749		11/8/2016	07:45	X	X	DW 011 - Duffy's GP Well
RS	418750		11/8/2016	10:45	X	X	DW 269 Central Street
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water							
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown							
Special Remarks / Requests							
Reinforced by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
11/8/2016		11:00 am		11/8/2016		11:00 am	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
11/8/2016		11:00 am		11/8/2016		11:00 am	
<div> <div> <div>Project Name</div> <div>DEP MONTHLY SAMPLES</div> <div>ANALYSIS REQUIRED</div> </div> <div> <div>No. of Containers</div> <div>CONTAINER</div> <div>Total Coliform</div> <div>pH by GtWD</div> <div>Temperature</div> </div> </div>							
<div> <div> <div>6 Working Days = 10%</div> <div>5 Working Days = 25%</div> <div>4 Working Days = 50%</div> <div>3 Working Days = 75%</div> <div>2 Working Days = 100%</div> <div>24 Hours = 150%</div> </div> <div> <div>Turn-Around-Time (TAT) Surcharges</div> <div>Normal (7-10 Working Days) = 0%</div> </div> </div>							

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received: _____

November 21, 2016

978-777-4442

CHAIN OF CUSTODY

COLIFORM

[illegible]

Lab reserves the right to return unused samples to client



Massachusetts Department of Environmental Protection - Drinking Water Program

B

BACTERIOLOGICAL REPORT

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

PWS ID #: 3105000 PWS Name: Town of Georgetown, Water Department City/Town: Georgetown 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-MA123 Primary Lab Name: Northeast Environmental Laboratory, Inc. Subcontracted? (Y/N): N
Analysis Lab MA Cert.#: Analysis Lab Name:☒ Original Report ☐ Resubmitted Report ☐ Confirmation Report (1) Reason for Resubmission: ☐ Resample ☐ Reanalysis ☐ Report Correction

(2) Collection Date of Original Sample:

Total Coliform (TC) Method	E.coli (EC) Method	Enterococci (ET) Method	Fecal Coliform (FC) Method ^{2B}	HPC Method	Lab Sample Notes
9223B	9223B				

MassDEP Approved Sample Site Information ¹			TC ^{4,5} Result	EC ^{4,5} Result	ET ^{4,5} Result	FC ^{2B,4} Result	Chlorine Result ^{2A} mg/L	HPC Result ^{2A} #cfu/mL	COLLECTION		ANALYSIS		COLLECTED BY	LAB SAMPLE ID #
Sample Type ^{1,3}	Location Code # ¹	Approved SAMPLE LOCATION ¹							DATE	TIME	DATE	TIME		
RS	001	Water Office	A	A					12/06/16	09:10	12/06/16	13:36	J. Gallagher	A19737
RS	002	Penn Brook School	A	A					12/06/16	09:50	12/06/16	13:36	J. Gallagher	A19738
RS	004	High School	A	A					12/06/16	09:25	12/06/16	13:36	J. Gallagher	A19739
RS	005	Baldpate Hospital	A	A					12/06/16	10:10	12/06/16	13:36	J. Gallagher	A19740
RS	007	Elderly Housing	A	A					12/06/16	08:55	12/06/16	13:36	J. Gallagher	A19741
RW	008	Marshall GP Well	A	A					12/06/16	08:10	12/06/16	13:36	J. Gallagher	A19742
RS	009	West Street Garage	A	A					12/06/16	07:50	12/06/16	13:36	J. Gallagher	A19743
RW	010	Commissioner's Well	A	A					12/06/16	08:30	12/06/16	13:36	J. Gallagher	A19744
PT	013	Treatment Plant Finish	A	A					12/06/16	08:00	12/06/16	13:36	J. Gallagher	A19745
RS		269 Central Street	A	A					12/06/16	10:30	12/06/16	13:36	J. Gallagher	A19746
RS	003	Erie Fire Station	A	A					12/20/16	09:45	12/20/16	13:05	J. Gallagher	A20027
RS	006	Metal Tronics	A	A					12/20/16	11:00	12/20/16	13:05	J. Gallagher	A20028
RW	008	Marshall GP Well	A	A					12/20/16	08:25	12/20/16	13:05	J. Gallagher	A20029
RW	010	Commissioner's Well	A	A					12/20/16	08:40	12/20/16	13:05	J. Gallagher	A20030
RW	011	Duffy's GP Well	P	A					12/20/16	08:20	12/20/16	13:05	J. Gallagher	A20031
RS	012	Farm Lane Realty Trust	A	A					12/20/16	10:00	12/20/16	13:05	J. Gallagher	A20032
RS	014	Patriot Lane Booster Station	A	A					12/20/16	10:25	12/20/16	13:05	J. Gallagher	A20033
RS	015	Patriot Lane Building #9	A	A					12/20/16	10:40	12/20/16	13:05	J. Gallagher	A20034
PT	013	Treatment Plant Finish	A	A					12/20/16	08:00	12/20/16	13:05	J. Gallagher	A20035

¹ Sample Type, Location Code#, and Approved Sample Location must correspond to the sample information on your MassDEP Coliform Sampling Plan.^{2A} 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. ^{2B} Fecal reporting is for unfiltered SWTR sources only.³ 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 Sample⁴ Report as #/100mL, P (present), A (absent), or Too Numerous To Count: TNTC-I (invalid) or TNTC-P (present). Notify MassDEP of any E.coli or enterococci positive results by the end of the business day.⁵ Collect appropriate number of repeat samples within 24 hours of laboratory notification for total coliform-positive or invalid samples and E.coli or enterococci-positive raw water samples.

In accordance with 310 CMR 22.15(2), if mailing paper reports, TWO copies of this report must be received by your MassDEP Regional Office no later than 10 days after the end of the month in which the results are received or no later than 10 days after the end of the monitoring period, whichever is sooner. Please note: Electronic reporting (eDEP) deadline is the same as above.

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:

12/23/16

MassDEP Review Status: ☐ Accepted ☐ Disapproved

Review Comments:

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

12/07/16
Report# 45003

NEL# A19737: 001 Water Office collected 12/06/16 at 09:10 by JG and received at NEL 12/06/16 at 10:48 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N

NEL# A19738: 002 Penn Brook School collected 12/06/16 at 09:50 by JG and received at NEL 12/06/16 at 10:48 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N

NEL# A19739: 004 High School collected 12/06/16 at 09:25 by JG and received at NEL 12/06/16 at 10:48 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N

NEL# A19740: 005 Baldpate Hospital collected 12/06/16 at 10:10 by JG and received at NEL 12/06/16 at 10:48 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N

NEL# A19741: 007 Elderly Housing collected 12/06/16 at 08:55 by JG and received at NEL 12/06/16 at 10:48 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N

NEL# A19742: 008 Marshall GP Well collected 12/06/16 at 08:10 by JG and received at NEL 12/06/16 at 10:48 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N

NEL# A19743: 009 West Street Garage collected 12/06/16 at 07:50 by JG and received at NEL 12/06/16 at 10:48 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N

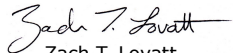
NEL# A19744: 010 Commissioner's Well collected 12/06/16 at 08:30 by JG and received at NEL 12/06/16 at 10:48 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


Zach T. Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

12/07/16
Report# 45003

NEL# A19745: 013 Treatment Plant Finish collected 12/06/16 at 08:00 by JG and received at NEL 12/06/16 at 10:48 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N

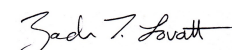
NEL# A19746: 269 Central Street collected 12/06/16 at 10:30 by JG and received at NEL 12/06/16 at 10:48 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/06/16 13:36	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


Zach T. Lovatt
Laboratory Director

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

12/22/16
Report# 45092

NEL# A20027: 003 Erie Fire Station collected 12/20/16 at 09:45 by JG and received at NEL 12/20/16 at 11:55 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N

NEL# A20028: 006 Metal Tronics collected 12/20/16 at 11:00 by JG and received at NEL 12/20/16 at 11:55 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N

NEL# A20029: 008 Marshall GP Well collected 12/20/16 at 08:25 by JG and received at NEL 12/20/16 at 11:55 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N

NEL# A20030: 010 Commissioner's Well collected 12/20/16 at 08:40 by JG and received at NEL 12/20/16 at 11:55 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N

NEL# A20031: 011 Duffy's GP Well collected 12/20/16 at 08:20 by JG and received at NEL 12/20/16 at 11:55 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N
Total Coliform, Colilert, P/A	present /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N

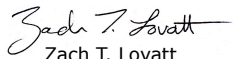
NEL# A20032: 012 Farm Lane Realty Trust collected 12/20/16 at 10:00 by JG and received at NEL 12/20/16 at 11:55 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


Zach T. Lovatt
Laboratory Director



41 Dayton Street
Danvers, MA 01923-1015
978.777.4442
MADEP# M-MA123

Town of Georgetown, Water Department
1 Moulton Street
Georgetown, MA 01833

12/22/16
Report# 45092

NEL# A20033: 014 Patriot Lane Booster Station collected 12/20/16 at 10:25 by JG and received at NEL 12/20/16 at 11:55 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N

NEL# A20034: 015 Patriot Lane Building #9 collected 12/20/16 at 10:40 by JG and received at NEL 12/20/16 at 11:55 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N

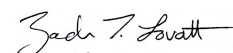
NEL# A20035: 013 Treatment Plant Finish collected 12/20/16 at 08:00 by JG and received at NEL 12/20/16 at 11:55 by AP.

Parameter	Result	MA DEP Standard	DL	PQL	Analyzed	Method	Lab	Cert.*
E. coli, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N
Total Coliform, Colilert, P/A	absent /100ml	absent MMCL	n/a	n/a	12/20/16 13:05	9223B	MA123	P, N

*Analyses conducted in accordance with MA DEP certification standards for potable water (P) or non-potable water (N) unless noted otherwise.

Not Detected (ND) indicates that if the analyte is present, the concentration is below the detection limit. Detection Limit (DL) is the method detection limit adjusted for dilutions. Practical Quantification Limit (PQL) is the lowest instrument calibration level adjusted for dilutions, below which concentrations are estimated.

MMCL=Massachusetts Maximum Contaminant Level
SMCL=US EPA Secondary Maximum Contaminant Level
MRDL=Maximum Residual Disinfectant Level
ORSG=Office of Research and Standards Guideline


Zach T. Lovatt
Laboratory Director

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

December 6, 2016

CHAIN OF CUSTODY

COLIFORM

Company:		PWS ID #	3105000	Georgetown Water Department		Purchase Order	Project #
Contact Person		Address		E-mail		Project #	
City		State	ZIP	Phone:		Project #	
Georgetown		MA	01833-1943	(978) 352-5750			
LAB I.D.		Date	Time	COMP	GRAB	MATRIX	Sample Location / Source
RS	19737	12/6/2016	09:10		X	DW	001 - Water Office
RS	19738	12/6/2016	09:50		X	DW	002 - (new) Penn Brook School
RS	19739	12/6/2016	09:25		X	DW	004 - High School
RS	19740	12/6/2016	10:10		X	DW	005 - Baldpate Hospital
RS	19741	12/6/2016	08:55		X	DW	007 - Elderly Housing
RW	19742	12/6/2016	08:10		X	GW	008 - Marshall GP Well
RS	19743	12/6/2016	07:50		X	DW	009 - West Street Garage
RW	19744	12/6/2016	08:30		X	GW	010 - Commissioner's Well
RW	—	N/S	—			GW	011 - Duffy's GP Well
PT	19745	12/6/2016	08:00		X	DW	013 - Treatment Plant Finish
RS	19746	12/6/2016	10:30		X	DW	269 Central Street
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water							
Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown							
Special Remarks / Requests							
RS	Routine	Date / Time		Received by: (Signature)		Date / Time	
RW	Raw Water	12/6/2016 10:48		[Signature]		12/6/16 10:48	
SS	Special	Date / Time		Received by: (Signature)		Date / Time	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
[Signature]		12/6/2016 10:48		[Signature]		12/6/16 10:48	
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Date / Time	
[Signature]		12/6/2016 10:48		[Signature]		12/6/16 10:48	

45092

Northeast Environmental Laboratory, Inc.
41 Dayton Street, Danvers, MA 01923

Date Received:

December 20, 2016

CHAIN OF CUSTODY COLIFORM

978-777-4442

Company: Georgetown Water Department		PWS ID # 3105000	Purchase Order		Project #	
Contact Person: James Gallagher		Address: 1 Moulton Street		E-mail: igallagher@georgetownma.gov		
City: Georgetown		State: MA	ZIP: 01833-1943	Phone: (978) 352-5750		
LAB I.D.	Date	Time	COMP	GRAB	MATRIX	Sample Location / Source
RS A20027	12/20/2016	09:45		X	DW	003- Erie Fire Station
RS A20028	12/20/2016	11:00		X	DW	006- Metal Tronics
RW A20029	12/20/2016	08:25		X	GW	008- Marshall GP Well
RW A20030	12/20/2016	08:40		X	GW	010- Commissioner's Well
RW A20031	12/20/2016	08:20		X	GW	011- Duffy's GP Well
RS A20032	12/20/2016	10:00		X	DW	012- Farm Lane Realty Trust
RS A20033	12/20/2016	10:25		X	DW	014- Patriot Lane Booster Station
RS A20034	12/20/2016	10:40		X	DW	015- Patriot Lane Building #9
PT A20035	12/20/2016	08:00		X	DW	013- Treatment Plant Finish
Matrix: DW=Drinking Water GW=Groundwater S=Soil O=Oil SL=Sludge WW=Wast Water Contamination Level L=Low (No Odor) M=Medium H=High U=Unknown						
RS	Routine	Special Remarks / Requests				
RW	Raw Water					
SS	Special					
Relinquished by: (Signature)		Date / Time	Received by: (Signature)		Date / Time	
<i>[Signature]</i>		12/20/2016 11:55	<i>[Signature]</i>		12/20/16 11:55	
Relinquished by: (Signature)		Date / Time	Received by: (Signature)		Date / Time	
<i>[Signature]</i>			<i>[Signature]</i>			

Lab reserves the right to return unused samples to client

Project Name: **Georgetown Water Department**
 DEP MONTHLY SAMPLES ANALYSIS REQUIRED
 Turn Around Time: **NORMAL**

No. of Containers: **1**

By (GW D): **Free**

Chlorine: **Free**

PH: **7.1**

Temp. by GTWD: **12.0**

PH by GTWD: **7.2**

Temp. by GTWD: **13.0**

PH by GTWD: **6.5**

Temp. by GTWD: **14.5**

PH by GTWD: **6.1**

Temp. by GTWD: **12.5**

PH by GTWD: **6.6**

Temp. by GTWD: **14.0**

PH by GTWD: **7.2**

Temp. by GTWD: **12.8**

PH by GTWD: **7.3**

Temp. by GTWD: **11.8**

PH by GTWD: **7.4**

Temp. by GTWD: **14.0**

PH by GTWD: **7.2**

Temp. by GTWD: **14.8**

Sampler's Signature: *[Signature]*
 Sampler Type: **GRAB**

Turn-Around-Time (TAT) Surcharges
 Normal (7-10 Working Days)= 0%
 6 Working Days = 10%
 5 Working Days = 25%
 4 Working Days = 50%
 3 Working Days = 75%
 48 Hours = 100%
 24 Hours = 150%
 TAT begins when sample is received at test facility
 TAT for samples received after 3p.m. will begin on the next business day
 All TAT's are subject to laboratory approval and customer consent