$N^{
m ashoba}$ Analytical, LLC

Tel: 978-391-4428

Fax: 978-391-4643

LabNumber:

152904

31A Willow Road, Ayer MA 01432

Website: http://www.NashobaAnalytical.com

Use this number with all correspondence

Client:

Georgetown Water Department

1 Moulton Street

Georgetown, MA 01833-1943

ReportDate:

2/3/2015

Certificate of Analysis

GEORGETOWN WATER DEPT. (GEORGETOWN) 3105000

Parameter	Method	Result	MCL	MRL	Date of Analysis	Analyst
Treatment Plant-Finishe Sampled: 1/29/2015 8:00:00 A Manganese, MG/L		0.032	0.05	0.002	2/2/2015	M-MA1118

MCL=Maximum Contaminant Level (EPA Limit), MRL = Minimum Reporting Level Sodium Guidelines- Mass 20, EPA 250, # = Result Exceeds Limit or Guideline ND = None Detected (<MRL), * = Background Bacteria Noted

Massachusetts Certified Laboratory #M-MA1118 David L. Knowlton Laboratory Director

Nashoba Analytical, LLC 31A Willow Road

Ayer MA 01432

Phone: (978) 391-4428 / FAX: (978) 391-4643

Date Received:

Jan. 29,2015

CHAIN OF CUSTODY

Com	pany:		PWS ID#	3105000		Pur	chase	Order	Project #	Chlorine Residua			Project N	lame		,				Turn A	round	Time
		George	<u>town Water</u>	<u>Departme</u>	<u>nt</u>			· · · · · · · · · · · · · · · · · · ·		S		S		DEP MONTHL	Y SAN	VPLE:	S			N	ORMA	۸L,
Conf	act Pe	erson	•	Address				E-mail		OK.	⋝	er			ANAL	YSIS	REQL	JIRE)			
	Robe	ert Dash		1 Moulton S	Stre	et		rdash@georgetownr	na.gov] , ,	By GtWD	ain (1					용	1		
City			State	ZIP			Phon	e:		무	6	뒫	α						Sulfide			
Ge	orge	town	MA	01833-194	13			(978) 352-5750		ō	_	ပိ	CONTAINER	GtWD		Manganese					اء	حے
	•	LAB I.D.	Date	Time			l 💂			برا	131		₹	(0)		ä	go.		Hydrogen		Aluminum	Secondary
وا	#				Ē	AB	MATRIX	Sample Location	/ Source	TOTAL	FREE	ō	Ň	pH By	_	g	<u>ta</u>	1		ပ္အ	Ē	ਲ
1	쩞	1			8	GRAB	¥				比	Š	ည	핆	Iron	Ma	Sulfate	표	Ť	Zinc	₹	Se
PT	10		1/2/9/2015	2145		Х	DW	Treatment Plant Fin.				1	500mL			Х						
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	Ma	rix: DW=Dr	inking Water	GW=Groundwa	ater	S=S	oil O	=Oil SL=Sludge WW=Wast	Water			Samp	oler's Sign	ature R_1	NAU	ιĹ						
	Col	ntamination	Level L=Low(No Odor) M=	Vledi	um	H=Hi	gh U≃Unknown				Samp	er Type:									
RS	R	outine	Special Rema	rks / Requests										Turn-Arour	d-Ti	me (TAT)) Si	ırcha	rges		
RV	Rε	w Water]							Normal (7-10 Working Days)= 0%												
SS	S	pecial								-	6 Working Days = 10% 3 Working Days = 75%						- 1					
Reli	quist	ed by: (Sigr	nature)	Date / Tim	_		Rece	eived by: (Signature)	Date / Tin	ne	5 Working Days = 25% 48 Hours = 100% 4 Working Days = 50% 24 Hours = 150%					-						
0	10	,L		1/29/5-14	1.00	1						" TA			eaci:	od 44	toot fo		lours =	150%	•	
Reli	nguiel	ed by: (Sign	nature)	Date / Tim	е	+-	Rece	eived by: (Signature)	Date / Tin	ne	"- TAT begins when sample is received at test facility "- TAT for samples received after 3p.m. will begin on the next bussiness day						dav					
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						<u>L</u>						<u> </u>										

Nashoba Analytical, LLC

Tel: 978-391-4428

Fax: 978-391-4643

LabNumber:

154656

31A Willow Road, Ayer MA 01432

Website: http://www.NashobaAnalytical.com

Use this number with all correspondence

Client:

Georgetown Water Department

1 Moulton Street

Georgetown, MA 01833-1943

ReportDate:

4/24/2015

Certificate of Analysis

GEORGETOWN WATER DEPT. (GEORGETOWN) 3105000

Parameter	Method	Result	MCL	MRL	Date of Analysis	Analyst
Treatment Plant-Fir	nished, RS 10010					
Sampled: 4/21/2015 1:10	0:00 PM by R. Dash					
Manganese, MG/L	EPA 200.7	0.004	0.05	0.002	4/24/2015	M-MA1118
Sodium, MG/L	EPA 200.7	21.7	See Note	0.2	4/24/2015	M-MA1118
Nitrate as N, MG/L	EPA 300.0	0.21	10	0.05	4/22/2015	M-MA1118

MCL=Maximum Contaminant Level (EPA Limit), MRL = Minimum Reporting Level Sodium Guidelines- Mass 20, EPA 250, # = Result Exceeds Limit or Guideline ND = None Detected (<MRL), * = Background Bacteria Noted

Massachusetts Certified Laboratory #M-MA1118 David L. Knowlton Laboratory Director

Nashoba Analytical, LLC 31A Willow Road

Ayer MA 01432 Phone: (978) 391-4428 / FAX: (978) 391-4643 Date Received:

April 21 2015

CHAIN OF CUSTODY

Com	oany:		PWS ID#	3105000		Pur	chase	Order	Project #	Chlorine Residua			Project N	lame						Turn A	round	Time
		George	town Water	Departme	nt					esi	\sim	s		DEP MONTHL	Y SAN	IPLE:	S			N	ORMA	\L
Cont	act Pe	erson		Address				E-mail		P.	GtWD	nt ain er			ANAL	YSIS	REQL	JIREC)			
	Robe	rt Dash		1 Moulton S	Stre			rdash@georgetownn	na.gov] ,Ĕ	Ö	ain							용	- 1	- 1	
City			State	ZIP			Phon	e:		물	B	пţ	æ						Suifide			
Ged	rge	town	MA ·	01833-194	13			(978) 352-5750		ō		ပိ	CONTAINER	pH By GtWD		Manganese			S	- 1	ے	2
		LAB I.D.	Date	Time			Ų			با			₹	9		ä	ø		Hydrogen	ŀ	Aluminum	Secondary
4	#			ł	물	AB	MATRIX	Sample Location	Source	TOTAL	FREE	οĘ	Z	6	_	g	īī.		影	ပ္ခါ	Ē	8
V	g B				COMP	GRAB	¥.			2	出	So.	ဗ	표	lon	Š	Sulfate	핆	主	Zinc	₹	လိ
PT			4/21/2015	13.10		Х	DW	Treatment Plant Fin.				1	500mL			Х						
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	Mat	rix: DW=Dr	inking Water	GW=Groundwa	ater	S=S	ioil O	=Oil SL=Sludge WW=Wast	Water			Same	oler's Sigr	nature K	DA	42						
	Con	tamination	Level L=Low(No Odor) M=N	/ledi	um	H≂Hi	gh U=Unknown				Sam	oler Type:									
RS		outine	Special Rema	rks / Requests										Turn-Arou	nd-Ti	me	TAT)	์) Sเ	ırcha	rges	i	1
A1820A30A30	Ra	w Water	1		Normal (7-10 Working Days)= 0%																	
SS		pecial										1		ng Days = 10%					orking			
Relin	quish	ed by: (Sigr	nature)	Date / Time	е		Rece	eived by: (Signature)	Date / Tin	ne				ng Days = 25%					lours =			
1	. D	MAN		14/21							4 Working Days = 50% 24 Hours = 150% "- TAT begins when sample is received at test facility											
Relin	auish	ed by: (Sign	nature)	Date / Time	e	-	Rece	eived by: (Signature)	Date / Tir	ne		1"- TA	T for sam	ples received at	ter 3p.	m. wi	ll beai	n on t	he nex	t buss	iness	day
1	-,											- All	IAI S are	subject to labo	ratory	appro	vaı an	o cus	tomer	conse	U£	
						L																

Date Received:

April 21, 2015

Phone: (978) 391-4428 / FAX: (978) 391-4643

CHAIN OF CUSTODY

SECONDARY

Compa F	PWS ID#	3105000		Pur	chas	e Ord	er	Project #			Project Nan	ne					Turn A	ound Time
	Georgetown	Water De	partment					<u> </u>		73				·				, ,
Contact	Person		Address				E-mail			5			ANALY	SIS REC	UIRED			
Ro	bert Dash		1 Moulton S	tre			rdash@georgetownma	.gov		<u>.</u>	<u>~</u>			ts				
City		State	Z!P			Phon				Co nt	岁			≥ <u>r</u> a				
Georg	jetown	MA	01833-208		,		(978) 352-5750		·		₹	113		g i	Ε	Jic		
Bot #	LAB I.D.	Date	Time	COMP	GRAB	MATRIX	Sample Location / So	ource	Туре	No. of	CONTAINER	Nickle	Lead	Secondary Contaminants	Sodium	Arsenic	Hd	
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				Π	Г													
9		4/21/15	13:10	T	X	DW	Plant Fin	1L	SS	1	1L P				X			
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Matrix:	DW=Drinking V	vater GW=G	roundwater S=	Soil	0=0	Oil SL	=Sludge WW=Wast Water		R=Routine	Samp	ler's Signatu	re 7	<u> </u>	ass				
Contam	ination Level 1	=Low (No Odd	or) M=Medium	H≈	High	ı U=	Unknown		SS=Special	Samp	ler Type:							
	Remarks / Req											Turn	-Arou	nd-Tin	ne (TA	T) Su	rchar	ges
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			T	····	_				Data (7:	1	6 Working					king Day urs = 10	ys ≈ 75°	%
Relinqui	ished by: (Signa	iture)	Date / Ti	me		Rece	eived by: (Signature)		Date / Time		5 Working 4 Working					ırs = 10 ırs ≈ 15		
1/2.	Dash	,	421								F begins whe	n samp	le is red		test faci	lity		
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1			1		L				· · · · · · · · · · · · · · · · · · ·	.1							****	

Date Received:

April 21, 2015

Phone: (978) 391-4428 / FAX: (978) 391-4643

CHAIN OF CUSTODY

NITRATE

							, .						P.41	,	• • •		
Compe PWS ID #	3105000		Purcha	se Ord	er	Project#			Project	Name						Turn Ar	ound Time
Georgetow	n Water De	partment					···	و									···
Contact Person		Address			E-mail			9			ANALY	SIS RE	QUIRE	D			
Robert Dash		1 Moulton S	treet		rdash@georgetownma.	.gov		·20.									
City	State	ZIP		Phon				Co nt ai	Co II.	- 1		İ				1	
Georgetown	MA	01833-208	3		(978) 352-5750			ပို	ŏ		1						
LAB I.D.	Date	Time	COMP	MATRIX	Sample Location / So	ource	Туре	No. of	Total		Nitrate						
	4/21/15	13:10			Treatment Plant (3G, 4	G, 5G)		500ml			X						
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Matrix: DW=Drinking	Water GW=G	roundwater S=	Soil O=	Oil SL	=Sludge WW=Wast Water	R	=Routine	Sampler's	Signat	ure 🍾	2-12	in	,				
Contamination Level						s	S=Special						.,		,		
Special Remarks / Re		······································	Y							Turn-	Arou	nd-Tir	ne (T	AT)	Surc	harge	es
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]		ing Day	s = 10%	6		3 Wo	rking l	Days ≈	75%
Relinquished by: (Sig	nature)	Date / T	ime	Rece	eived by: (Signature)		Date / Time		5 Worl	king Day	s = 259	6				100%	
10 97 L		4/21						"- TAT be		ting Day en sam			at test t			150%	
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N ashoba Analytical, LLC

Tel: 978-391-4428

Fax: 978-391-4643

LabNumber:

157173

31A Willow Road, Ayer MA 01432

Website: http://www.NashobaAnalytical.com

Use this number with all correspondence

Client:

Georgetown Water Department

1 Moulton Street

Georgetown, MA 01833-1943

ReportDate:

7/9/2015

Certificate of Analysis

GEORGETOWN WATER DEPT. (GEORGETOWN) 3105000

	the state of the s							
	Parameter	Method	Re	sult	MCL	MRL	Date of Analysis	Analyst
	Treatment Plant-Finished Sampled: 7/7/2015 8:00:00 AM Manganese, MG/L		n	.01	0.05	0.082	7/0/2015	NA NAA444 O
			O.	.01	0.05	0.002	7/9/2015	M-MA1118
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MCL=Maximum Contaminant Level (EPA Limit), MRL = Minimum Reporting Level Sodium Guidelines- Mass 20, EPA 250, # = Result Exceeds Limit or Guideline ND = None Detected (<MRL), * = Background Bacteria Noted

Massachusetts Certified Laboratory #M-MA1118 David L. Knowlton

Laboratory Director

Nashoba Analytical, LLC 31A Willow Road

Ayer MA 01432

Phone: (978) 391-4428 / FAX: (978) 391-4643

Date Received:

July 7 2015

CHAIN OF CUSTODY

Con	рапу	•	PWS ID#	3105000		Pur	chase	Order	Project #	Chlorine Residua			Project N	lame						Turn A	round	Time
		George	town Water	Departme	nt					ŝ	\cap	ဟ		DEP MONTHL	Y SAM	UPLES	<u>s</u>			N	ORM/	4L
Con	tact f	Person		Address				E-mail		ď	₹	ច			ANAL	YSIS	REQ	JIRE)			
		pert Dash		1 Moulton S	Stre			rdash@georgetownr	na.gov] <u>a</u>	GtWD	nt ain e]]	용			
City			State	ZIP			Phon	e:		후	ŝ	겉	<u>~</u>						Sulfide			ŀ
Ge	org	etown	MA	01833-194	13			(978) 352-5750		្រ	_	ပိ				ese			n S	ļ	ے	ح
1	3 +	LAB I.D.	Date	Time	COMP	GRAB	MATRIX	Sample Location	/ Source	TOTAL	FREE). of	CONTAINER	pH By GtWD	Iron	Manganese	Sulfate	_	Hydrogen	Zinc	Aluminum	Secondary
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			7/7/2015	8:00	-	X	DW	Treatment Plant Fin.			-		500mL			Χ						
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1000240-40	Ma	atrix: DW=Dr	inking Water	GW=Groundwa	ter	S=S	oii O	Oil SL=Sludge WW=Wast	Water			Samp	der's Sign	ature R	Da	al	-					
	Co	ntamination	Level L=Low (I	No Odor) M≕N	/ledi	um	H=Hi	gh U=Unknown				Samp	oler Type:									
RS	F	Routine	Special Remar	ks / Requests										Turn-Aroun	d-Ti	me (TAT) Su	rcha	rges		
RA	R	aw Water	1													•		•	Days)=	_		ł
SS	3	Special									6 Working Days = 10% 3 Working Days = 75%					-						
Relin	iquis	hed by: (Sign	ature)	Date / Time	3		Rece	ived by: (Signature)	Date / Tim	e				g Days = 25%					= anuc			- 1
10	9	3 and		カク		İ			·		4 Working Days = 50% 24 Hours = 150% "- TAT begins when sample is received at test facility											
Relin	quis	hed by: (Sign	ature)	Date / Time)		Rece	ived by: (Signature)	Date / Tim	"- TAT begins when sample is received at test facility						day						
						L.																

Lab reserves the right to return unused samples to client

N ashoba Analytical, LLC

Tel: 978-391-4428

Fax: 978-391-4643

LabNumber:

158221

31A Willow Road, Ayer MA 01432

Website: http://www.NashobaAnalytical.com

Use this number with all correspondence

Client:

Georgetown Water Department

1 Moulton Street

Georgetown, MA 01833-1943

ReportDate:

8/13/2015

Certificate of Analysis

GEORGETOWN WATER DEPT. (GEORGETOWN) 3105000

Parameter	Method	Result	MCL	MRL	Date of Analysis	Analyst
Treatment Plant-Fir	00 AM by R. Dash	ND	2	0.0%	8/7/2015	M-MA009
Perchlorate, UG/L	EPA 314.0	ND	2		S.//20.0	
		A .				
				•		
	A Company of the Comp					

MCL=Maximum Contaminant Level (EPA Limit), MRL = Minimum Reporting Level Sodium Guidelines- Mass 20, EPA 250, # = Result Exceeds Limit or Guideline ND = None Detected (<MRL), * = Background Bacteria Noted

Massachusetts Certified Laboratory #M-MA1118 David L. Knowlton Laboratory Director

Phone: (978) 391-4428 / FAX: (978) 391-4643

Date Received:

August 4, 2015

PERCHLORITE

Compa PWS ID #	3105000		Purch	ase O	der	Project #			Project I	Vame					Turn Around Time
Georgetown	Water Dep	artment						હ							
Contact Person		Address			E-mail			_ e			ANAL'	YSIS	REQUIF	RED	
Robert Dash		1 Moulton S	treet		rdash@georgetownma	.gov		≅.			45			Ī	
City	State	ZIP		Pho				Ħ		Co Ii.	ate				
Georgetown	MA	01833-208	3		(978) 352-5750			ပိ	Ē	ပ	<u> </u>				
LAB I.D.	Date	Time	COMP	MATRIX	Sample Location / Se	ource	Туре	No. of	Container	Total	Perchlorate	00 00 00			Preservative
	8/4/2015	8.15	X		013 - Treatment Plant Finish	 }	RS	1	Coli		X				None (orange cap)
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				1									··· ·		
				1											
Matrix: DW=Drinking W	/ater GW=Gro	undwater S=Sc	oil O=C	il SL:	-Sludge WW=Wast Water		R≃Routine	Samp	ler's Sigr	ature	¥	2.2	Zas	L	
Contamination Level L	=Low (No Odor)	M=Medium I	H≕High	U=l	Jnknown		SS=Special	Samp	ler Type:						
Special Remarks / Requ	uests									Turi	n-Arc	ound	-Time	(TA	T) Surcharges
					•						Norma	al (7-16) Worki	ng Da	ys)= 0%
		<u> </u>]	6 Worki						king Days = 75%
Relinquished by: (Signa	ture)	Date / Ti	me	Rec	eived by: (Signature)		Date / Time		5 Workin						irs = 100%
P. Dark		8/4							4 Workin Degins						ırs = 150% facility
Relinquished by: (Signa	ture)	Date / Ti	me	Rec	eived by: (Signature)		Date / Time	"- TA1	for sam	ples r	eceive	d after	r 3p.m.	will be	gin on the next bussiness day
								"- All ⁻	IAT's are	subje	ect to I	aborat	ory app	rovai	and customer consent

Lab reserves the right to return unused samples to client

Volatile Organic Contaminant Report

1. PWS INFORM	ATION: PI	ease refer to your	DEP Water Quality S	Sampling Sche	dule (WQSS) t	o help comple	ete this form.	Kalana arang
PWS ID #:	3	105000	Ci	ty / Town:	GEORGET	OWN		
PWS Name:	GEO	RGETOWN WA	ATER DEPARTM	ENT	PWS	Class:	СОМ ЖИТИС	□rnc □
DEP LOCATION (LOG) ID#		DEP Location I	Name	Sample Information	in .	Sample Acidified?	Date Collected	Collected By
	СОМ	MISSIONER'S	WELL RAW	☐ (M)ultiple ☐ (S)ingle	ဩ(R)aw □(F)inished	Yes X	7/7/2015	R. Dash
Routine or Special Sample	\$\$\$\$.55#0\$#################	ginal, Resubmitted o Confirmation Report		(1) Reason for Re		ed Report, lis	t below: Collection Date of O	riginal Sample
□RS □ SS □	Original 🗀	Resubmitted C	onfirmation	ole 🔲 Reanalysi	s Report Corre	ection		
SAMPLE NOTES	s - Such as	if a Manifold/Multip	ole sample, list the so	urce(s) that wer	e on-line during	sample collec	tion.	
II. ANALYTICAL	LABORAT	ORY INFORMATIC	И				markinst for Apiete	
Primary Lab MA	Cert #:	M-MA1118	Primary Lab	Name: Na	shoba Analytic	al, LLC Su	ubcontracted? (Y	/N) Y
Analysis Lab MA	A Cert #:	M-NH003	Analysis Lab I	Name: Grani	te State Analyt	ical		
Lab Meth	od	Date Extracted (551.1 only)	Date Analyzed	Lab Sample	** ** *** ***************************		Include information a contaminants detecte	HER KAR SERVICE AND AND AND AND AND AND AND AND AND AND
EPA524	1,2		7/8/2015	157172-	1			
Was this Sa composited by	the Lab?	COMPOSITE SAMP	LE NOTES - Please list ti	ne composited set	urces by DEP Sou	rce Code (XXXX	XXX-XXX), up to five	individual sources
Yes: No): X							

CAS#	REGULATED VOC CONTAMINANT	Results µg/L	MCL µg/L	MDL ug/L
71-43-2	BENZENE	ND	5	0.50
56-23-5	CARBON TETRACHLORIDE	ND	5	0.50
75-35-4	1,1-DICHLOROETHYLENE	ND	7	0.50
107-06-02	1,2-DICHLOROETHANE	ND	5	0.50
106-46-7	PARA-DICHLOROBENZENE	ND	5	0.50
79-01-6	TRICHLOROETHYLENE (TCE)	ND	5	0.50
71-55-6	1,1,1-TRICHLOROETHANE	ND	200	0.50
75-01-4	VINYL CHLORIDE	ND	2	0.50
108-90-7	MONOCHLOROBENZENE	ND	100	0.50
95-50-1	O-DICHLOROBENZENE	ND	600	0.50
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	100	0.50
156-59-2	CIS-1,2-DICHLOROETHYLENE	ND	70	0.50
78-87-5	1,2-DICHLOROPROPANE	ND	5	0.50
100-41-4	ETHYLBENZENE	ND	700	0.50
100-42-5	STYRENE	ND	100	0.50
127-18-4	TETRACHLOROETHYLENE (PCE)	ND	5	0.50
108-88-3	TOLUENE	ND	1000	0.50
1330-20-7	XYLENES (TOTAL)	ND	10000	0.50
75-09-2	DICHLOROMETHANE	ND	5	0.50
120-82-1	1,2,4-TRICHLOROBENZENE	ND	70	0.50
79-00-5	1,1,2-TRICHLOROETHANE	ND	5	0.50





Volatile Organic Contaminant Report

Page 2 of 2

PWS ID#:

3105000

Lab Sample ID#: 157172-1

CAS#	UNREGULATED VOC CONTAMINANTS	Results ug/L	MDL µg/L
67-66-3	CHLOROFORM*	ND	0.50
75-27-4	BROMODICHLOROMETHANE	ND	0.50
124-48-1	CHLORODIBROMOMETHANE	ND	0.50
75-25-2	BROMOFORM	ND	0.50
541-73-1	M-DICHLOROBENZENE	ND	0.50
74-95-3	DIBROMOMETHANE	ND	0.50
563-58-6	1,1-DICHLOROPROPENE	ND	0.50
75-34-3	1,1-DICHLOROETHANE*	ND	0.50
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	0.50
142-28-9	1,3-DICHLOROPROPANE	ND	0.50
74-87-3	CHLOROMETHANE	ND	0.50
74-83-9	BROMOMETHANE*	ND	0.50
96-18-4	1,2,3-TRICHLOROPROPANE	ND	0.50
630-20-6	1,1,1,2-TETRACHLOROETHANE	ND	0.50
75-00-3	CHLOROETHANE	ND	0.50
594-20-7	2,2-DICHLOROPROPANE	ND	0.50
95-49-8	O-CHLOROTOLUENE	ND	0.50
106-43-4	P-CHLOROTOLUENE	ND	0.50
108-86-1	BROMOBENZENE	ND	0.50
542-75-6	1,3-DICHLOROPROPENE*	ND	0.50
95-63-6	1,2,4-TRIMETHYLBENZENE	ND	0.50
87-61-6	1,2,3-TRICHLOROBENZENE	ND	0.50
103-65-1	N-PROPYLBENZENE	ND	0.50
104-51-8	N-BUTYLBENZENE	ND	0.50
91-20-3	NAPHTHALENE*	ND	0.50
87-68-3	HEXACHLOROBUTADIENE	ND	0.50
108-67-8	1,3,5-TRIMETHYLBENZENE	ND	0.50
99-87-6	P-ISOPROPYLTOLUENE	ND	0.50
98-82-8	ISOPROPYLBENZENE	ND	0.50
98-06-6	TERT-BUTYLBENZENE	ND	0.50
135-98-8	SEC-BUTYLBENZENE	ND	0.50
75-69-4	FLUOROTRICHLOROMETHANE	ND	0.50
75-71-8	DICHLORODIFLUOROMETHANE*	ND	0.50
74-97-5	BROMOCHLOROMETHANE	ND	0.50
1634-04-4	METHYL TERTIARY BUTYL ETHER (MTBE)#*	ND	0.50

CASH I TIMEST	MDL μg/L 10 10 0.5
75-65-0 TERT-BUTYL ALCOHOL (TBA)* ND 994-05-8 TERT-AMYL METHYL ETHER (TAME)* ND 637-92-3 ETHYL TERTIARY BUTYL ETHER (ETBE) ND 108-20-3 DI-ISOPROPYL ETHER (DIPE) ND	10 0.5
994-05-8 TERT-AMYL METHYL ETHER (TAME)* ND 637-92-3 ETHYL TERTIARY BUTYL ETHER (ETBE) ND 108-20-3 DI-ISOPROPYL ETHER (DIPE) ND	0.5
637-92-3 ETHYL TERTIARY BUTYL ETHER (ETBE) ND 108-20-3 DI-ISOPROPYL ETHER (DIPE) ND	
108-20-3 DI-ISOPROPYL ETHER (DIPE) ND	٥.
100 20 0 01 1001 1101 12 21 112 11 (2 11 2)	0.5
67-64-1 ACETONE* ND	0.5
	10
76-13-1 FREON 113*	
78-93-3 METHYL ETHYL KETONE (MEK)* ND	10
108-10-1 METHYL-ISOBUTYL KETONE (MIBK)* ND	10

#		
ш	n.	

^{*} DEP ORSG limit established

Surrogate Name	% Recovery (70 - 130%)
1,2-Dichlorobenzene-d4	88
Bromoflourobenzene	80

		MAD STOLEN STREET	2017-1-120-221-221-221-2	TOTAL PROPERTY.	400
LCER		lities of lave	lnat leameth	e person ali	thorized to fill out
this form and	-tha informatio	n contdibac	porciet in Mar	A appropriate	ind complete to
CHER INTERIOR	Cic ninditianc	in Contain ieu	HEIEILI K DW	a, accurate c	ing complete to
CE DOLL BOOK		TALLED IN THE STREET		MERIONAL SERVICE	
the best exten	EDITOV KNOWIE	ODA HAME	STATE OF THE PARTY		

Primary Lab Director Signature:

results/contaminants tested.

Vario K- Laurella

Date: /-/3-/3

Check this box if attaching lab report to show additional VOC

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

DEP REVIEW STATUS (Initial & Date)	Review	□ wqts
☐ Accepted — ☐ Disapproved — ☐	Comments	 Data Entered

Volatile Organic Contaminant Report

I. PWS INFORM	MATION: F	lease refer to your	DEP Water	Quality S	lampling	Sche	dule (WASS) to h	elp c	mple	te this form		113.46
PWS ID #:		3105000		Cit	ty / Tow	n:	GEORGE	TOV	٧N				
PWS Name:	GEO	DRGETOWN WA	ATER DE	PARTME	ENT		PW	s c	lass:	: (: □rnc	
DEP LOCATION (LOC) ID#		DEP Location I	Name.		Samp Inforn		n		Sam Acidif	*************	Date Collected	Collect	ed By
		DUFFY WELL	. RAW		☐ (M)ul		ဩ(R)aw □(F)inished		Yes	X	7/7/2015	R. Da	ash
Routine or	ibes tyberestalland entracti	riginal, Resubmitted o	r	If Resubmitted Report, list below:									
Special Sample		Confirmation Report			(1) Reason for Resubmission (2) Collection Date of Original Sample					iple			
□RS □ SS □	Original 🗆	Resubmitted C	onfirmation	Resamp	□ Resample □ Reanalysis □ Report Correction								
SAMPLE NOTE	S - Such a	s, if a Manifold/Multip	ole sample,	list the so	irce(s) thi	at were	e on-line durii	ng sa	mple	collect	loń.		
II. ANALYTICAL	LABORA	TORY INFORMATIC	N.										
Primary Lab MA	Cert #:	M-MA1118	Pri	mary Lab	Name:	Nas	shoba Analy	tical,	LLC	Su	bcontracted? (Y	//N)	Υ
Analysis Lab MA Cert #: M-NH003 Analy			ysis Lab I	Name:	Granit	e State Anal	ytica	ļ					
Lab Met	hod	Date Extracted (551.1 only)	Da Analy		Lab S	ample		reastricies and	#68X6E#8#6946##	*1.05 EF182 ČE F132	nclude information a ontaminants detect	ide en en foner rikein pelitira had i	r sample
EPA52	4.2	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7/8/2	015	15	7172-	2						
Was this S composited by	energy with the state of the st	COMPOSITE SAMP	LE NOTES - I	Please list th	e composi	ted sou	rces by DEP S	ource	Code (xxxxx	XX-XXX), up to five	e Individual s	sources
Yes: N	o: X												

CAS#	REGULATED VOC CONTAMINANT	Results μg/L	MCL µg/L	MDL µg/L
71-43-2	BENZENE	ND	5	0.50
56-23-5	CARBON TETRACHLORIDE	ND	5	0.50
75-35-4	1,1-DICHLOROETHYLENE	ND	7	0.50
107-06-02	1,2-DICHLOROETHANE	ND	5	0.50
106-46-7	PARA-DICHLOROBENZENE	ND	5	0.50
79-01-6	TRICHLOROETHYLENE (TCE)	ND	5	0.50
71-55-6	1,1,1-TRICHLOROETHANE	ND	200	0.50
75-01-4	VINYL CHLORIDE	ND	2	0.50
108-90-7	MONOCHLOROBENZENE	ND	100	0.50
95-50-1	O-DICHLOROBENZENE	ND	600	0.50
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	100	0.50
156-59-2	CIS-1,2-DICHLOROETHYLENE	ND	70	0.50
78-87-5	1,2-DICHLOROPROPANE	ND	5	0.50
100-41-4	ETHYLBENZENE	ND	700	0.50
100-42-5	STYRENE	ND ND	100	0.50
127-18-4	TETRACHLOROETHYLENE (PCE)	ND	5	0.50
108-88-3	TOLUENE	ND	1000	0.50
1330-20-7	XYLENES (TOTAL)	ND	10000	0.50
75-09-2	DICHLOROMETHANE	ND	5	0.50
120-82-1	1,2,4-TRICHLOROBENZENE	ND	70	0.50
79-00-5	1,1,2-TRICHLOROETHANE	ND	5	0.50



Volatile Organic Contaminant Report

Page 2 of 2

PWS ID#:

3105000

Lab Sample ID#:

157172-2

CAS#	UNREGULATED VOC CONTAMINANTS	Results ug/L	MDL µg/L
			P#17
67-66-3	CHLOROFORM*	ND	0.50
75-27-4	BROMODICHLOROMETHANE	ND	0.50
124-48-1	CHLORODIBROMOMETHANE	ND	0.50
75-25-2	BROMOFORM	ND	0.50
541-73-1	M-DICHLOROBENZENE	ND	0.50
74-95-3	DIBROMOMETHANE	ND	0.50
563-58-6	1,1-DICHLOROPROPENE	ND	0.50
75-34-3	1,1-DICHLOROETHANE*	ND	0.50
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	0.50
142-28-9	1,3-DICHLOROPROPANE	ND	0.50
74-87-3	CHLOROMETHANE	ND	0.50
74-83-9	BROMOMETHANE*	ND	0.50
96-18-4	1,2,3-TRICHLOROPROPANE	ND	0.50
63 0- 20-6	1,1,1,2-TETRACHLOROETHANE	ND	0.50
75-00-3	CHLOROETHANE	ND	0.50
594-20-7	2,2-DICHLOROPROPANE	ND	0.50
95-49-8	O-CHLOROTOLUENE	ND	0.50
106-43-4	P-CHLOROTOLUENE	ND	0.50
108-86-1	BROMOBENZENE	ND	0.50
542-75-6	1,3-DICHLOROPROPENE*	ND	0.50
95-63-6	1,2,4-TRIMETHYLBENZENE	ND	0.50
87-81-6	1,2,3-TRICHLOROBENZENE	ND	0.50
103-65-1	N-PROPYLBENZENE	ND	0.50
104-51-8	N-BUTYLBENZENE	ND	0.50
91-2 0- 3	NAPHTHALENE*	ND	0.50
87-68-3	HEXACHLOROBUTADIENE	ND	0.50
108-67-8	1,3,5-TRIMETHYLBENZENE	ND	0.50
99-87-6	P-ISOPROPYLTOLUENE	ND	0.50
98-82-8	ISOPROPYLBENZENE	ND	0.50
98-06-6	TERT-BUTYLBENZENE	ND	0.50
135-98-8	SEC-BUTYLBENZENE	ND	0.50
75-69-4	FLUOROTRICHLOROMETHANE	ND	0.50
75-71-8	DICHLORODIFLUOROMETHANE*	ND	0.50
74-97-5	BROMOCHLOROMETHANE	ND	0.50
1634-04-4	METHYL TERTIARY BUTYL ETHER (MTBE)#*	ND	0.50

CAS#	ADDITIONAL UNREGULATED and/or NON-TARGET VOC CONTAMINANTS (Report if analyzed or otherwise detected)	Results µg/L	MDL µg/L
109-99-9	TETRAHYDROFURAN (THF)*	ND	10
75-65-0	TERT-BUTYL ALCOHOL (TBA)*	ND	10
994-05-8	TERT-AMYL METHYL ETHER (TAME)*	ND	0.5
637-92-3	ETHYL TERTIARY BUTYL ETHER (ETBE)	ND	0.5
108-20-3	DI-ISOPROPYL ETHER (DIPE)	ND	0.5
67-64-1	ACETONE*	ND	10
76-13-1	FREON 113*		
78-93-3	METHYL ETHYL KETONE (MEK)*	ND	10
108-10-1	METHYL-ISOBUTYL KETONE (MIBK)*	ND	10
			-
			····
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Check this box if attaching lab report to show additional VOC

Date:

. 5	BROMOCHLOROMETHANE	ND	0.50	results/contaminants tested.
	METUVI TEDTIADV DIJITVI ETUED			·

Surrogate Name	% Recovery (70 - 130%)
1,2-Dichlorobenzene-d4	93
Bromoflourobenzene	83

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

7-13-15

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

DEP REVIEW STATUS (Initial & Date)	Review	☐ wats
Accepted — Disapproved —	Comments	Data Entered

[#]Required

^{*} DEP ORSG limit established



Volatile Organic Contaminant Report

I. PWS NEORMA	TION: P	ease refer to	your DEP Wate	r Quality S	ampling Sche	dule (WQSS):	o help compl	ete this form.	
PWS ID #:	3	105000		Cit	ty / Town:	GEORGET	OWN		:
PWS Name:	GEO	RGETOWN	WATER DE	PARTME	ENT] pws	Class:	COM INTRO	
DEP LOCATION (LOC) ID#		DEP Locat	tion Name		Sample Information	n	Sample Acidified?	Date Collected	Collected By
	N	IARSHALL	WELL RAW		☐ (M)ultiple ☐ (S)ingle	ဩ(R)aw □(F)inished	Yes X	7/7/2015	R. Dash
Routine or Special Sample		ginal, Resubmi Confirmation Re			1) Reason for R		ed Report, lis	it below: Collection Date of C	riginal Sample
□RS □ SS ဩ	Original 🗖	Resubmitted [Confirmation	☐ Resamp	le 🗌 Reanalysi	s Report Corre	ection		
SAMPLE NOTES:	- Such as	If a Manifold/	Vultiple sample,	list the sou	irce(s) that we	e on-line during	ı sample colle	chon	
II. ANALYTICAL L	ABORAT	ÖRY INFORM	ATION			tion session			
Primary Lab MA (Cert #:	M-MA111	8 Pri	imary Lab I	Name: Na	shoba Analytic	al, LLC S	ubcontracted? (Y	/N) Y
Analysis Lab MA	Cert #:	M-NH003	Ana	lysis Lab N	lame: Grani	te State Analyl	ical		
Lab Metho	d	Date Extract (551.1 only		ite yzed	Lab Sample			Include information a contaminants detects	es to whether sample ed
EPA524.2	2		7/8/2	2015	157172	-3			
Was this San composited by ti	ie Lab?	COMPOSITE S	AMPLE NOTES -	Please list th	e composited so	irces by DEP Sou	rce Code (XXXX	XXX-XXX), up to five	individual sources
Yes: No:	X								

CAS#	REGULATED VOC CONTAMINANT	Results µg/L	MCL µg/L	MDL µg/L
71-43-2	BENZENE	ND	5	0.50
56-23-5	CARBON TETRACHLORIDE	ND	5	0.50
75-35-4	1,1-DICHLOROETHYLENE	ND	7	0.50
107-06-02	1,2-DICHLOROETHANE	ND	5	0.50
106-46-7	PARA-DICHLOROBENZENE	ND	5	0.50
79-01-6	TRICHLOROETHYLENE (TCE)	ND .	5	0.50
71-55-6	1,1,1-TRICHLOROETHANE	ND	200	0.50
75-01-4	VINYL CHLORIDE	ND	2	0.50
108-90-7	MONOCHLOROBENZENE	ND	100	0.50
95-50-1	O-DICHLOROBENZENE	ND	600	0.50
156-60-5	TRANS-1,2-DICHLOROETHYLENE	ND	100	0.50
156-59-2	CIS-1,2-DICHLOROETHYLENE	ND	70	0.50
78-87-5	1,2-DICHLOROPROPANE	ND	5	0.50
100-41-4	ETHYLBENZENE	ND	700	0.50
100-42-5	STYRENE	ND	100	0.50
127-18-4	TETRACHLOROETHYLENE (PCE)	ND	5	0.50
108-88-3	TOLUENE	ND	1000	0.50
1330-20-7	XYLENES (TOTAL)	ND	10000	0.50
75-09-2	DICHLOROMETHANE	ND	5	0.50
120-82-1	1,2,4-TRICHLOROBENZENE	ND	70	0.50
79-00-5	1,1,2-TRICHLOROETHANE	ND	5	0.50



Volatile Organic Contaminant Report

Page 2 of 2

PWS ID#:

3105000

Lab Sample ID#:

157172-3

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CAS#	UNREGULATED. VOC CONTAMINANTS	Results ug/L	MDL µg/L
67-66-3	CHLOROFORM*	ND	0.50
75-27-4	BROMODICHLOROMETHANE		
124-48-1	CHLORODIBROMOMETHANE	ND	0.50
75-25-2	BROMOFORM	ND ND	0.50
541-73-1	M-DICHLOROBENZENE	ND ND	0.50
74-95-3	DIBROMOMETHANE		0.50
563-58-6	1,1-DICHLOROPROPENE	ND ND	0.50
75-34-3	1,1-DICHLOROETHANE*		0.50
	· · · · · · · · · · · · · · · · · · ·	ND	0.50
79-34-5	1,1,2,2-TETRACHLOROETHANE	ND	0.50
142-28-9	1,3-DICHLOROPROPANE	ND	0.50
74-87-3	CHLOROMETHANE	ND	0.50
74-83-9	BROMOMETHANE*	ND	0.50
96-18-4	1,2,3-TRICHLOROPROPANE	ND	0.50
630-20-6	1,1,1,2-TETRACHLOROETHANE	ND	0.50
75-00-3	CHLOROETHANE	ND	0.50
594-20-7	2,2-DICHLOROPROPANE	ND	0.50
95-49-8	O-CHLOROTOLUENE	ND	0.50
106-43-4	P-CHLOROTOLUENE	ND	0.50
108-86-1	BROMOBENZENE	ND	0.50
542-75-6	1,3-DICHLOROPROPENE*	ND	0.50
95-63-6	1,2,4-TRIMETHYLBENZENE	ND	0.50
87-61-6	1,2,3-TRICHLOROBENZENE	ND	0.50
103-65-1	N-PROPYLBENZENE	ND	0.50
104-51-8	N-BUTYLBENZENE	ND	0.50
91-20-3	NAPHTHALENE*	ND	0.50
87-68-3	HEXACHLOROBUTADIENE	ND	0.50
108-67-8	1,3,5-TRIMETHYLBENZENE	ND	0.50
99-87-6	P-ISOPROPYLTOLUENE	ND	0.50
98-82-8	ISOPROPYLBENZENE	ND	0.50
98-06-6	TERT-BUTYLBENZENE	ND	0.50
135-98-8	SEC-BUTYLBENZENE	ND	0.50
75-69-4	FLUOROTRICHLOROMETHANE	ND	0.50
75-71-8	DICHLORODIFLUOROMETHANE*	ND	0.50
74-97-5	BROMOCHLOROMETHANE	ND	0.50
1634-04-4	METHYL TERTIARY BUTYL ETHER (MTBE)#*	ND	0.50

GAS#	ADDITIONAL UNREGULATED and/or NON-TARGET VOC CONTAMINANTS (Report if analyzed or otherwise detected)	Results µg/L	MDL µg/L
109-99-9	TETRAHYDROFURAN (THF)*	ND	10
75-65-0	TERT-BUTYL ALCOHOL (TBA)*	ND	10
994-05-8	TERT-AMYL METHYL ETHER (TAME)*	ND	0.5
637-92-3	ETHYL TERTIARY BUTYL ETHER (ETBE)	ND	0.5
108-20-3	DI-ISOPROPYL ETHER (DIPE)	ND	0.5
67-64-1	ACETONE*	ND	10
76-13-1	FREON 113*		
78-93-3	METHYL ETHYL KETONE (MEK)*	ND	10
108-10-1	METHYL-ISOBUTYL KETONE (MIBK)*	ND	10
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#		
11	Rec	

Surrogate Name	% Recovery (70 - 130%)
1,2-Dichlorobenzene-d4	93
Bromoflourobenzene	83

| Certify under penalties of law that I am the person authorized to fill out Primary Lab Director Signature: this form and the information contained herein is hous, accurate and complete to the best extent of my knowledge.

results/contaminants tested.

Check this box if attaching lab report to show additional VOC

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

DEP REVIEW STATUS (Initial & Date)	Review	□ wats
☐ Accepted ———— ☐ Disapproved ————	Comments	 Data Entered

^{*} DEP ORSG limit established

Phone: (978) 391-4428 / FAX: (978) 391-4643

Date Received:

July 1 2015

CHAIN OF CUSTODY

VOC

5146 15 // 5465		I	 -				1	T								
Compt PWS ID # 31050		Purcha	se Ord	ler	Project #			Projec	t Name						Turn An	ound Time
Georgetown Water		<u> </u>					2									
Contact Person	Address			E-mail			e			ANALY	SIS RE	QUIRE	D			
Robert Dash	1 Moulton S	Street		rdash@georgetownma.	gov		77									
City State	ZIP		Phon				Ħ									
Georgetown MA	01833-208	33		(978) 352-5750			රි									
LAB I.D. Date	Time	COMP	MATRIX	Sample Location / So	urce	Туре	No. of		Voc							
2-2-	15 9:00	X	GW	Comm. Well	RAW	R	2		Х							
2-2-		l x	GW	Duffy's Well	RAW	R	2		Χ							
7-7-					RAW		2		X							····
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Matrix: DW=Drinking Water GW	=Groundwater S=S	ioil O≕O	il SL≒	Sludge WW=Wast Water		R=Routine	Sample	er's Sign	nature	4		>>>	1			
Contamination Level L=Low (No						SS=Special						-	· · ·			
Special Remarks / Requests		** ****					,			Arour	d-Tir	ne (T	AT) S	urcha	raes	
										Normal		-	-			
							[6 Work		s = 10%					s = 75%	,
Relinquished by: (Signature)	Date / Ti	me	Rece	ived by: (Signature)		Date / Time		5 Work	ing Day	s = 25%			48 Hou			
1000	10/0				Ì					s = 50%			24 Hou		0%	
K. Vesh	17/7			11		P3 - 4 - 1 Material				imple is						
Relinquished by: (Signature)	/ Date / Ti	me	Rece	ived by: (Signature)		Date / Time									consent	ess day
							, , , , , , , , , , , , , , , , , , ,	5 010	- 566,56		atory c	v6hio4a	, and ou		551106111	·

Lab reserves the right to return unused samples to client

WQTS Data Entered



DEP REVIEW STATUS (Initial & Date)

Disapproved

Accepted

Total Trihalomethanes Report

- 449 II	D#:	3	105000)	(City / Town:			SEORG	ETO	٧N
PWS N	lame:	GEO	RGETC	NW	WATER I	DEPT.]	WS CI	ass:	х со	M NTN
	DEP LOCATION						Sá	mple			
	(LOC) ID#				ation Name			dified?	Date Colle		Collected
Α	902				EY LANE			⁄es	8/4/201	5	R. Das
В	905	PA	TRIOTS	LANE	BOOSTER S	STATION		/es	8/4/201	5	R. Das
С											
D											
	Routine or	o	riginal, Res	ubmitte	d or		lf	Resubmit	ted Report, li	st below	
	Special Sample		Confirmation	on Repo	rt	(1) Rea	son for Resul	mission	(2) C	ollection	Date of Original
Α	XRS SS	X Origina	al Resubmi	tted Co	onfirmation	Resample R	teanalysis Re	ort Correc	tion		
В	XRS SS	X Origin	al Resubm	itted C	onfirmation	Resample F	leanalysis Re	ort Correc	tion		
С	RS SS	Origina	ıl Resubmit	tted Co	onfirmation	Resample R	teanalysis Re	ort Correc	tian		
D	RS SS	Origina	ıl Resubmit	tted Co	enfirmation	Resample R	teanalysis Re	conec	tion		
	SAMPLE NOTES							444			
Α							.46				
В							193	7			
С				-		.ht			***************************************		
U						.4h	**************************************	100000000000000000000000000000000000000	332		
						William III	3337				
E-HAMMER CRAFFE	LYTICAL LABORA Lab MA Cert. #:	ATORY INF M-MA11	ARREUNER WELFT		y Lab Name:	Nashoba Analy	rtical, LLC			Subcon	stracted? (Y/N
II. ANA Primary		DECOME DESCRIBITION	18	Primar Analysi	y Lab Name: s Lab Name	Nashoba Analy	ChromaChe	n		Subcon	tracted? (Y/N
II. ANA Primary	Lab MA Cert. #:	M-MA11	18 2 MCL	Primar Analysi MDL	s Lab Name:	Nashoba Analy	ChromaChe		μg/L	Subcon	
II. ANA Primary Analysis	Lab MA Cert. #: s Lab MA Cert. #: Contaminant	M-MA11	18 /2 MCL μg/L	Primar Analysi MDL µg/L	s Lab Name.	Nashoba Analy	ChromaChe Ri B	n		Subcon	stracted? (Y/N
II. ANA Primary Analysis	Lab MA Cert. #: s Lab MA Cert. #: Contaminant	M-MA11	18 2 MCL	Primar Analysi MDL µg/L	s Lab Names	Nashoba Analy	RI B 79.7	n	μg/L	Subcon	
I. ANA Primary Analysis TAL T	Lab MA Cert. #: s Lab MA Cert. #: Contaminant	M-MA11	18 /2 MCL μg/L	Primar Analysi MDL µg/L	s Lab Name.	Nashoba Analy	ChromaChe Ri B	n	μg/L	Subcon	
II. ANA Primary Analysis TAL T	Lab MA Cert. #: s Lab MA Cert. #: Contaminant	M-MA11	18 /2 MCL μg/L	Primar Analysi MDL µg/L 0.5	s Lab Name. A 66.5 ND	Nashoba Analy	RI B 79.7	n	μg/L	Subcon	
II. ANA Primary Analysis TAL T moform proform modichle	Lab MA Cert. #: s Lab MA Cert. #: Contaminant	M-MA11	18 /2 MCL μg/L	Primar Analysi MDL µg/L 0.5	A 66.5 ND 58.4	Nashoba Analy	RI B 79.7 ND 68.1	n	μg/L	Subcon	
II. ANA Primary Analysis TAL T moform proform modichle	contaminant Contaminant HMs cromethane cromethane	M-MA11	18 /2 MCL μg/L	Primar Analysi MDL µg/L 0.5 0.5 0.5	A 66.5 ND 58.4 7.40	Nashoba Analy New England (RI B 79.7 ND 68.1 10.6	n SULTS ¹	μg/L	Subcon	
TAL T moform modichle comochle Method	Lab MA Cert. #: s Lab MA Cert. #: Contaminant HMs oromethane oromethane d cted (551.1 only)	M-MA11	18 72 MCL μg/L 80	Primar Analysi MDL µg/L 0.5 0.5 0.5	A 66.5 ND 58.4 7.40 0.69 EPA524	Nashoba Analy New England (RI B 79.7 ND 68.1 10.6 0.98	n SULTS ¹	μg/L C	Subcon	D
TAL T moform modichle comochle Methode Extrace	Contaminant Contaminant THMs oromethane oromethane d cted (551.1 only) zed	M-MA11	18 72 MCL μg/L 80	Primar Analysi MDL µg/L 0.5 0.5 0.5	A 66.5 ND 58.4 7.40 0.69 EPA524	Nashoba Ariah New England (Ri B 79.7 ND 68.1 10.6 0.98 PA524.2	n SULTS ¹	μg/L C	Subcon	D
TAL T moform modichle comochle Methode Extrace Analyz Sample	Contaminant Contaminant HMS oromethane oromethane d cted (551.1 only) zed e ID#	M-MA11 M-MA07	18 /2 /2 / MCL μg/L 80	Primar Analysi MDL µg/L 0.5 0.5 0.5	A 66.5 ND 58.4 7.40 0.69 EPA524 8/7/2019	Nashoba Ariah New England (Ri B 79.7 ND 68.1 10.6 0.98 PA524.2	n SULTS ¹	μg/L C	Subcon	D
TAL Tooform modichle comochle Extrace Analyzis	Lab MA Cert. #: s Lab MA Cert. #: Contaminant HMs oromethane oromethane d cted (551.1 only) zed e ID#	M-MA11 M-MA07	MCL	Primar Analysi MDL µg/L 0.5 0.5 0.5	A 66.5 ND 58.4 7.40 0.69 EPA524 8/7/2011 158222- 108	Nashoba Ariah New England (RI B 79.7 ND 68.1 10.6 0.98 PA524.2 17/2015 58222-2	n SULTS ¹	μg/L C	Subcon	D
TAL Tonoform modichle omochle Extrace Analyzis Sample ogate #1 ogate #2	Contaminant Conta	M-MA11 M-MA07	MCL	Primar Analysi MDL µg/L 0.5 0.5 0.5 4.2	A 66.5 ND 58.4 7.40 0.69 EPA524 8/7/2019	Nashoba Ariah New England (Ri B 79.7 ND 68.1 10.6 0.98 PA524.2	n SULTS ¹	μg/L C	Subcon	D
TAL T moform modichle omochle Extrace Analysis Sample ogate #1 ogate #2 Report re	Lab MA Cert. #: s Lab MA Cert. #: Contaminant HMs oromethane oromethane d cted (551.1 only) zed e ID#	M-MA11 M-MA07	MCL	Primar Analysi MDL µg/L 0.5 0.5 0.5 4.2	A 66.5 ND 58.4 7.40 0.69 EPA524 8/7/2011 158222- 108	Nashoba Ariah New England (RI B 79.7 ND 68.1 10.6 0.98 PA524.2 17/2015 58222-2	n SULTS ¹	μg/L C	Subcon	D
TAL T moform modichle	contaminant Conta	M-MA11 M-MA07	MCL	Primar Analysi MDL µg/L 0.5 0.5 0.5 4.2	A 66.5 ND 58.4 7.40 0.69 EPA524 8/7/2011 158222- 108	Nashoba Ariah New England (RI B 79.7 ND 68.1 10.6 0.98 PA524.2 17/2015 58222-2	n SULTS ¹	μg/L C	Subcon	D
TAL T moform modichle comochle Extrace e Analys Sample ogate #1 cogate #2 Report re	contaminant Conta	M-MA11 M-MA07	MCL	Primar Analysi MDL µg/L 0.5 0.5 0.5 4.2	A 66.5 ND 58.4 7.40 0.69 EPA524 8/7/2011 158222- 108	Nashoba Ariah New England (RI B 79.7 ND 68.1 10.6 0.98 PA524.2 17/2015 58222-2	n SULTS ¹	μg/L C	Subcon	D
TAL T moform modichle omochle e Extrace e Analyz Sample ogate #1 ogate #2 Report re	contaminant Conta	M-MA11 M-MA07	MCL	Primar Analysi MDL µg/L 0.5 0.5 0.5 4.2	A 66.5 ND 58.4 7.40 0.69 EPA524 8/7/2011 158222- 108	Nashoba Ariah New England (RI B 79.7 ND 68.1 10.6 0.98 PA524.2 17/2015 58222-2	n SULTS ¹	μg/L C	Subcon	D
TAL Tonoform modichle comochle Extrace Analyzis Sample ogate #1 ogate #2 Report re	contaminant Conta	M-MA11 M-MA07 1,2-dichorob 4-bromofluoro n 0 or ND (not a	MCL	Primar Analysi MDL µg/L 0.5 0.5 0.5 4.2	A 66.5 ND 58.4 7.40 0.69 EPA524 8/7/2019 158222- 108 108	Nashoba Ariah New England (Ri B 79.7 ND 68.1 10.6 0.98 PA524.2 77/2015 58222-2 110 104	n ESULTS ¹	μg/L C	Subcon	D

Review

Comments



Accepted

Disapproved

I. PWS INFORMATION:		HARMAN AND ACTION AND ADDRESS.	124200000000000000000000000000000000000			ule (WQSS)	•		
PWS ID #:		3105000			ity / Town:			DRGETO	
PWS Name:	GEO	RGETO)WN	WATER I	DEPT.	PW	S Class:	X CC	OM NTNC
DEP LOCATION									0-114-4 5
(LOC) ID# A 902	<u> </u>			ation Name .EY LANE				te Collected 8/4/2015	Collected By R. Dash
B 905	D/			BOOSTER S	TATION		_	8/4/2015	R. Dash
C 903		TRIOTS	LAIL	DOOSTER S	TATION			31-12010	rt. Duoii
D	<u> </u>								
	<u> </u>					<u></u>			
Routine or	l '	Original, Res			ene je grjesorij Brakalizas azazacia u ma		anna kanaranakan erin ektriakeria	eport, list belov	
Special Sample		Confirmati	on Repo	rt	(1) Reas	on for Resubmis	sion	(2) Collection	n Date of Original Sam
A XRS SS	X Origin	nal Resubm	itted Co	onfirmation	Resample Re	analysis Report	Correction		
B xrs ss	X Origin	nal Resubn	nitted C	onfirmation .	Resample Re	anelysis Report	Correction		
C RS SS	Origina	al Resubmi	tted Co	nfirmation	Resample Re	eanalysis Report	Correction		
D RS SS	Origina	al Resubmi	itted Co	nfirmation	Resample Re	analysis Report	Correction		
SAMPLE NOTES			***				iib.		
							34607163		
Α	·								
В	·								
В	· ·							ĝ.	
B C D	ATORY INF	AND THE PROPERTY OF THE PARTY O		y Lab Name:	Nashoba Analy	tical, LLC			ntracted? (Y/N)
В		72	Primar Analysi		New England C	tical, LLC hromaChem	***************************************	Subco	ntracted? (Y/N)
B C D II. ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #:	M-MA11	118 72 MCL	Primar		400	tical, LLC hromaChem	JLTS ¹ µg/	Subco	ntracted? (Y/N)
B C D II. ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #:	M-MA11	118 72 MCL μg/L	Primar Analysi: MDL	s Lab Name:	New England C	tical, LLC hromaChem	JLTS ¹ μg/	Subco	
B C D II. ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #:	M-MA11	118 72 MCL	Primar Analysi: MDL µg/L	s Lab Name	New England C	hromaChem RESI B	JLTS ¹ μg/	Subco	
B C D II. ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #: Contaminant DTAL HAA5	M-MA11	118 72 MCL μg/L	Primar Analysi: MDL µg/L	A 56.8	New England C	hromaChem RESU B	JLTS ¹ μg/	Subco	
B C D II. ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #: Contaminant DTAL HAA5 NOCHLOROACETIC ACID CHLOROACETIC ACID CHLOROACETIC ACID	M-MA11	118 72 MCL μg/L	Primar Analysis MDL µg/L 1	A 56.8 3.19 28.6 25.0	New England C	RESI B 17.0 1.13 3.57	JLTS ¹ μg/	Subco	
B C D II. ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #: Contaminant DTAL HAA5 NOCHLOROACETIC ACID CHLOROACETIC ACID CHLOROACETIC ACID NOBROMOACETIC ACID	M-MA11	118 72 MCL μg/L	Analysis MDL ug/L 1 1	A 56.8 3.19 28.6 25.0 ND	New England C	RESUB 17.0 1.13 3.57 12.3 ND	JLTS ¹ μg/	Subco	
B C D III. ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #: Contaminant OTAL HAA5 NOCHLOROACETIC ACID CHLOROACETIC ACID NOBROMOACETIC ACID ROMOACETIC ACID	M-MA11	118 72 MCL μg/L	Primar Analysis MDL µg/L 1	A 56.8 3.19 28.6 25.0 ND	New England C	RESUB 17.0 1.13 3.57 12.3 ND ND	JLTS ¹ μg/ C	Subco	D
B C D II. ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #: Contaminant OTAL HAA5 NOCHLOROACETIC ACID CHLOROACETIC ACID NOBROMOACETIC ACID ROMOACETIC ACID ROMOACETIC ACID ROMOACETIC ACID	M-MA11	118 72 MCL μg/L	Analysis MDL ug/L 1 1	A 56.8 3.19 28.6 25.0 ND ND EPA 552	New England C	RESUBBUTE 17.0 1.13 3.57 12.3 ND ND A 552.2	JLTS ¹ μg/	Subco	
B C D II. ANALYTICAL LABOR Primary Lab MA Cert. #: Contaminant DTAL HAA5 NOCHLOROACETIC ACID CHLOROACETIC ACID CHLOROACETIC ACID NOBROMOACETIC ACID ROMOACETIC ACID RESERVACION RESERVACION	M-MA11	118 72 MCL μg/L	Analysis MDL ug/L 1 1	A 56.8 3.19 28.6 25.0 ND ND EPA 552 8/12/201	.2 EP	RESUB 17.0 1.13 3.57 12.3 ND ND A 552.2 12/2015	JLTS ¹ μg/ C	Subco	D
B C D III-ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #: Contaminant DTAL HAA5 NOCHLOROACETIC ACID CHLOROACETIC ACID CHLOROACETIC ACID NOBROMOACETIC ACID ROMOACETIC ACID Method the Extracted the Analyzed	M-MA11	118 72 MCL μg/L	Analysis MDL ug/L 1 1	A 56.8 3.19 28.6 25.0 ND ND EPA 552 8/12/201	.2 EP. 5 8/1 5 8/1	RESUBBUTE 17.0 1.13 3.57 12.3 ND ND A 552.2	JLTS ¹ μg/ C	Subco	D
B C D III. ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #: Contaminant OTAL HAA5 NOCHLOROACETIC ACID CHLOROACETIC ACID CHLOROACETIC ACID NOBROMOACETIC ACID ROMOACETIC ACID ROMOACETIC ACID Method e Extracted e Analyzed o Sample ID#	M-MA11	MCL µg/L	Analysis MDL ug/L 1 1	A 56.8 3.19 28.6 25.0 ND ND EPA 552 8/12/201	.2 EP. 5 8/1 5 8/1	RESUB 17.0 1.13 3.57 12.3 ND ND A 552.2 2/2015 2/2015	JLTS ¹ μg/ C	Subco	D
B C D III. ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #: Contaminant TAL HAA5 NOCHLOROACETIC ACID HLOROACETIC ACID CHLOROACETIC ACID NOBROMOACETIC ACID ROMOACETIC ACID Method E Extracted E Analyzed Sample ID# ogate: % 2 Report result as a number greater the	M-MA11 M-MA0'	MCL µg/L	Primar Analysis MDL µg/L 1 1	A 56.8 3.19 28.6 25.0 ND ND EPA 552 8/12/201 8/12/201 158222-	.2 EP. 5 8/1 5 8/1	tical, LLC hromaChem RESU B 17.0 1.13 3.57 12.3 ND ND A 552.2 12/2015 2/2015 8222-2	JLTS ¹ μg/ C	Subco	D
B C D III. ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #: Contaminant OTAL HAA5 NOCHLOROACETIC ACID CHLOROACETIC ACID CHLOROACETIC ACID NOBROMOACETIC ACID ROMOACETIC ACID ROMOACETIC ACID OMethod e Extracted e Analyzed D Sample ID# rogate: % Report result as a number greater the LAB SAMPLE NOTES	M-MA11 M-MA0'	MCL µg/L	Primar Analysis MDL µg/L 1 1	A 56.8 3.19 28.6 25.0 ND ND EPA 552 8/12/201 8/12/201 158222-	.2 EP. 5 8/1 5 8/1	tical, LLC hromaChem RESU B 17.0 1.13 3.57 12.3 ND ND A 552.2 12/2015 2/2015 8222-2	JLTS ¹ μg/ C	Subco	D
B C D III. ANALYTICAL LABOR Primary Lab MA Cert. #: Contaminant OTAL HAA5 NOCHLOROACETIC ACID CHLOROACETIC ACID CHLOROACETIC ACID NOBROMOACETIC ACID ROMOACETIC ACID ROMOACETIC ACID OMethod e Extracted e Analyzed D Sample ID# rogate: % LAB SAMPLE NOTES A	M-MA11 M-MA0'	MCL µg/L	Primar Analysis MDL µg/L 1 1	A 56.8 3.19 28.6 25.0 ND ND EPA 552 8/12/201 8/12/201 158222-	.2 EP. 5 8/1 5 8/1	tical, LLC hromaChem RESU B 17.0 1.13 3.57 12.3 ND ND A 552.2 12/2015 2/2015 8222-2	JLTS ¹ μg/ C	Subco	D
B C D II. ANALYTICAL LABOR Primary Lab MA Cert. #: Contaminant TAL HAA5 NOCHLOROACETIC ACID CHLOROACETIC ACID CHLOROACETIC ACID NOBROMOACETIC ACID ROMOACETIC ACID I Method e Extracted e Analyzed D Sample ID# Togate: % LAB SAMPLE NOTES A B	M-MA11 M-MA0'	MCL µg/L	Primar Analysis MDL µg/L 1 1	A 56.8 3.19 28.6 25.0 ND ND EPA 552 8/12/201 8/12/201 158222-	.2 EP. 5 8/1 5 8/1	tical, LLC hromaChem RESU B 17.0 1.13 3.57 12.3 ND ND A 552.2 12/2015 2/2015 8222-2	JLTS ¹ μg/ C	Subco	D
B C D II. ANALYTICAL LABOR Primary Lab MA Cert. #: Analysis Lab MA Cert. #: Contaminant OTAL HAA5 NOCHLOROACETIC ACID CHLOROACETIC ACID NOBROMOACETIC ACID ROMOACETIC ACID ROMOACETIC ACID SECONDO METHOD DESTRUCTION DESTRUC	M-MA11 M-MA0'	MCL µg/L	Primar Analysis MDL µg/L 1 1	A 56.8 3.19 28.6 25.0 ND ND EPA 552 8/12/201 158222-87	.2 EP. 5 8/1 5 8/1	tical, LLC hromaChem RESI B 17.0 1.13 3.57 12.3 ND ND A 552.2 2/2015 2/2015 8222-2 82	JLTS ¹ μg/C	Subco	D

Comments

Phone: (978) 391-4428 / FAX: (978) 391-4643

Date Received:

August 4, 2015

THM & HAA5

Comps PWS ID #	3105000		Purc	iase C	Order	Project #		SIS.		Projec	t Name	·····		Tu	rn Around Time
Georgetowr	Water Dep	partment				<u> </u>		& Color of Containers				··			
Contact Person		Address		,•	E-mail			15			ANAL	SIS R	EQUIRE)	
Robert Dash		1 Moulton S	Street		rdash@georgetownma	a.gov		ű	ed/] [
City	State	ZIP		Ph	one:			ို့	-			1	1 !	1	
Georgetown	MA	01833-194	13		(978) 352-5750			ļĕ	ne				1 1) Š
# LAB I.D.	Date	Time	COMP	GKAB	Sample Location / S	Source	Туре	No. 08	Container Type	THM	HAA5				Preserved
										-					
				-											
3003.22	8/4/2015	4:30		(DV	v 12 Bailey Ln.			2-60ml	V/00	X					Ascorbic
							SS	Amber	VOC		X				Acid
	8/4/2015	9:00	 	(DV	v Patriots Lane Booster	Sta.	SS	2-60ml		Х					Ascorbic
								Amber	VOC		X		,		Acid
Matrix: DW=Drinking W	ater GW=Gro	undwater S=S	oil O=	Oil S	L=Sludge WW=Wast Water		R=Routine	Sampler's	Signatu	re 🐣	R.	Das	sh-		
Contamination Level L							SS=Special	Sampler T	ype:						
Special Remarks / Requ					,				6 Work	ing Day	Norma ys = 109	i (7-10 %	Working	Days)≂ 0%	charges % Days = 75%
Relinquished by: (Signa	ture)	Date / Ti	me	Re	ceived by: (Signature)		Date / Time	"- TAT beç	4 Work gins whe	ing Day n sam		% ceived	at test fa		= 150%
Relinquished by: (Signa	ture)	Date / Ti	me	Re	ceived by: (Signature)		Date / Time	"- TAT for "- All TAT'	-			•	_		ext bussiness day r consent