

61 Louisa Viens Drive Dayville, CT 06241 Fax: 860-774-2689 Phone: 860-774-6814 Toll-Free: 800-334-0103

ANALYTICAL DATA REPORT

prepared for:

Town of Webster Water Dept.

38 Hill Street
PO Box 793
Webster, MA 01570
Attn: Doran Crouse

Report Number: E611173
Project: Webster Water Department

Received Date: 11/01/2016 Report Date: 11/07/2016

> David Dickinson Technical Director





61 Louisa Viens Drive Dayville, CT 06241 Fax: 860-774-2689 Phone: 860-774-6814 Toll-Free: 800-334-0103

Report No: E611173

Client: Webster Water Department
Project: Webster Water Department

CASE NARRATIVE / METHOD CONFORMANCE SUMMARY

The results presented in this report relate only to the samples received.

This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included, along with a copy of the chain of custody and any subcontracted analyses reports, if applicable, for the sample(s) in this report. Subcontractor results are identified by 'SUB' next to the analysis.

Microbac Laboratories, Inc. received three samples from Webster Water Department on 11/01/2016. The samples were analyzed for the following list of analyses in accordance with MA DEP regulations unless otherwise indicated:

Iron & Manganese by ICP by 200.7 200.7[3000] Manganese by ICP by 200.7 200.7[3000] MASS SOC 504.1[504.1], 505[505], 515.3[515.3], 525.2[525.2], 531.2

Non-Conformances:

Work Order:

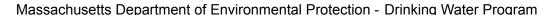
None

Sample:

None

Analysis:

None







Secondary Contaminant Report

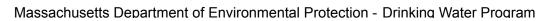
I. PWS INFO	RMATIO	N: Ple	ase refer t	to your	DEP Wat	ter Qual	ity Sam	pling Sche	dule (WQSS) to help com	plete 1	this form						
PWS ID #:		23160	00					c	ity / Town:	Webster, MA	4							
PWS Name:	[Webste	er Water D	Departn	nent					PWS C	class:	co	OM	V	NTNC		TNC	
DEP LO					DEP Locat	tion Name			Sam	ple Information		Date Colle	ected	d Collected By		Ву		
A MULT1		#1	Pump Stati	on					☑ (M)ultiple □ (S)ingle	□(R)aw ☑(F)inish	ed	11/1/2016		Clien	t			
B 04G		We	II No. 1						☐ (M)ultiple ☐ (S)ingle	☑(R)aw		11/1/2016		Clien	t			
_						_			E (3)irigle	□(F)inish		Report, list	below	'				
	outine or ial Sample	,			, Resubmitte mation Rep				(1) Reason for I	Resubmission		(2)	Collec	ction Da	te of Ori	ginal Sa	mple	
	S DS		☑ Original		esubmitted		mation	Resampl	e Reanalysi	is Report Co	orrection	1						
B	S 🗆 S	s	☑ Original	☐ Re	esubmitted	☐ Confir	mation	Resampl	e Reanalysi	is Report Co	orrection							
SAMPL	E NOTES	3										<u> </u>						
Α																		
В																		
II. ANALYTIC	CAL LAE	BORAT	ORY INFO	RMATI	ION													
Primary Lab	MA Cer	t. #:	M-CT00	8	Primary L	Lab Nan	e: Mi	crobac Lab	oratories, I	nc.			Sub	contra	ct? (Y	/N)	N	
Analysis La	h MA Ca	rt #.	M-CT00	<u> </u>	Analysis	Lab Na	no: Mi	oroboo Lob	oratories, I	20								
Allalysis La	D WA CE	it. #.	IVI-C I UU	0 '	Allalysis	Lau Ivai	ile. IVIII	CIODAC LAD	oratories, i	IIG.								
_				Resi	ults			MDL				Date						
Co	ntaminant		А		В	S	MCL	(mg/L)	Lab I	Method	An	alyzed			Lai Sample			
IRON (mg/l	_)		ND			0.3		0.051	200.7		11/2/2	2016	E611	1173-1	, E611			
MANGANE		L)	0.028	(0.41	0.0	5*	0.0020	200.7		11/2/2	2016	E611	1173-1	, E611	173-2		
ALKALINIT			Ю			non	е											
CALCIUM ((mg/L)					non	е											
MAGNESIL	JM (mg/l	_)				non	е											
HARDNES			O:			non	е											
POTASSIU	<u> </u>)				non												
TURBIDITY	. ,					non	е											
ALUMINUM						0.2												
CHLORIDE COLOR (C.						250 15												
COPPER (r						1												
ODOR (T.O						3												
pH	,					_	to 8.5											
SILVER (m	g/L)					0.10)											
SULFATE (mg/L)					250												
TDS (mg/L)						500												
ZINC (mg/L	.)					5												
* EPA has	establish	ned a li	fetime Hea	alth Adv	visory (HA	A) for ma	angane	se at 0.3 mg	/L and an ad	cute HA at 1.0) mg/L	•						
LAB SA	MPLE NO	OTES																
В																		
authorized to	o fill out the e and cor	nis form mplete to	o the best e	ormation extent of	n contained f my knowl	d herein i ledge		his renort to w	·	ab Director S	D	ate: 11/7	/201	6	d of the	month		
	ii riot	SUDITII(of the reporting					u oi iiie	month		

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



□ WQTS

Data Entered





DEP REVIEW STATUS (Initial & Date)

□ Disapproved

 \square Accepted

Secondary Contaminant Report

. PW	S INFORMATIO	ON: PI	ease	refer to yo	ur DEP W	Vater Qualit	y Sam _l	oling Sche	dule (WQSS)	to help com	plete t	this for	m						
PWS	ID #:	2316	000					C	City / Town:	Webster, MA	١								
PWS	Name:	Webs	ster W	/ater Depa	rtment] PWS C	lass:	(СОМ	\checkmark		NTNC		Т	NC
	DEP LOCATION (LOC) ID#				DEP Loc	cation Name			Samp	ole Information		Date Co	ollected	t		Col	lected	Ву	
Α	03G	#3	3 Pum	p Station					☐ (M)ultiple ☑ (S)ingle	□(R)aw ☑(F)inishe	ad	11/1/20	16	CI	lient				
В									☑ (3)iiigle	EI(F)IIIISIR	eu e			+					
										If Posui	hmittad	Report, li	ist hala	W					
	Routine or			_	nal, Resubm				(1) Reason for R		Jiiiitteu		(2) Coll		n Dat	e of Or	iginal	Sample	e
Α	Special Sample ☑ RS □ S		<u> </u>		nfirmation R Resubmitted	<u>d □</u> Confirn	ation		le Reanalysis		rrection		(2) 0011		II Dut	0 01 01	gillai	Jumpi	
В	E NO L O																		
ь	SAMPLE NOTES											<u> </u>							
Α	SAMPLE NOTES	5																	
В																			
I. AN	ALYTICAL LA	3ORA	TORY	/ INFORMA	ATION														
					1							_							
rim	ary Lab MA Cei	rt. #:	M-0	CT008	Primary	y Lab Nam	: Mic	robac Lab	oratories, Ir	IC.			Sul	bcon	ntrac	ct? (Y	/N)		N
naly	sis Lab MA Ce	ert. #:	M-0	CT008	Analys	is Lab Nam	e: Mic	robac Lab	oratories, Ir	nc.									
			_		J						1				_				
	Contaminan	t		F	lesults	SN	ICL	MDL	Lab M	lethod		Date				La	h		
				Α	В			(mg/L)			An	alyzed				Sampl			
IRO	N (mg/L)			ND		0.3	(0.051	200.7		11/3/2	2016	E61	1117	3-3				
MAN	NGANESE (mg/	/L)		0.063		0.05	• (0.0020	200.7		11/3/2	2016	E61	11173	3-3				
ALK	ALINITY (mg/L	as Ca	aCO			none													
	CIUM (mg/L)					none													
	SNESIUM (mg/					none													
	RDNESS (mg/L		iCO:			none													
	ASSIUM (mg/L	.)				none													
	BIDITY (NTU)					none													
	MINUM (mg/L)					0.2													
	ORIDE (mg/L)					250													
	OR (C.U) PPER (mg/L)		-			15 1													
	OR (T.O.N)					3													
pH) (((. O . I 1)						8.5												
<u>. </u>	/ER (mg/L)					0.10	0.0												
	FATE (mg/L)					250													
	(mg/L)					500													
	C (mg/L)					5													
* EF	PA has establish	hed a	lifetin	ne Health A	Advisory (HA) for ma	nganes	e at 0.3 mg	g/L and an ac	ute HA at 1.0	mg/L.								
	LAB SAMPLE NO	OTES																	
Α																			
В																			
_																			
	I certii orized to fill out th accurate and coi	his forn	n and		tion contain	ned herein is			Primary La	ab Director S	_	ure: ate: 11	17/20		Tred's	<u>-</u>			
		•	itting r	esults electi	ronically, m	ail <u>TWO</u> cop			our DEP Regional after the end of		later tha	an 10 da	ys afte	er the		of the	mon	h	

Review

Comments



SOC

Synthetic Organic Contaminant Report

Page 1 of 2

PWS ID #:	2316000)			(City / Town:	We	bster, MA					
PWS Name:	Webster \	Water Departm	ent				PWS Class: COM				NTNC		TNC
DEP LOCATION (LOC) ID#		DEP	Location Name		Sample Information				Sample Acidified?		Date Collected	Coll	ected By
MULT1	#1 Pump Stat	tion				☐ (M)ultiple ☐ (R)aw ☐ (S)ingle ☐ (F)inished					11/1/2016	Client	
Routine or		Original, Resi	umitted or					If Resubmitte	d, list below				
Special Sample		Confirmatio				(1) Reason for	Resu	ıbmission	(2) (Collec	ction Date of C	original S	Sample
☑ RS □ SS	☑ Orig	jinal □ Resubm	itted Confirma	ition	□ Resar	nple 🗆 Reana	alysis	☐ Report Correction	on				
SAMPLE NOTES - (Su	uch as, if a Mani	fold/Multiple samp	le, list the sources th	nat were on	-line during	sample collectio	n).		<u>'</u>				
I. ANALYTICAL L	ABORATOR	Y INFORMATIO	DN .										
			ON rimary Lab Nam	ne: Micr	robac Lat	ooratories, Ir	nc.		Su	bco	ontract? (Y/	N)	N
I. ANALYTICAL L Primary Lab MA Analytical M (List Al	Cert. #: M-			Anal	robac Lab lysis Lab A Cert#	poratories, In		nalysis Lab Name	Su	bco	<u> </u>	N) ample II	
Primary Lab MA (Analytical M (List Al	Cert. #: M- ethods	-CT008 P	rimary Lab Nam	Anal	lysis Lab A Cert#	poratories, In	A		Su		<u> </u>		
Primary Lab MA (Analytical M (List Al	Cert. #: M-lethods	-CT008 P	Primary Lab Nam	Anal	lysis Lab A Cert#		A orato	ries, Inc.	Su	E	Lab S		
Primary Lab MA (Cert. #: M-lethods	Date Extracted	Date Analyzed 11/4/2016	Anal MA M-CT00	lysis Lab A Cert# 08	Microbac Lab	A orato orato	ries, Inc.	Su	E	Lab S		
Analytical M (List Al 515.3	Cert. #: M-	Date Extracted 11/3/2016 11/2/2016	Date Analyzed 11/4/2016 11/2/2016	Anal MA-CT00 M-CT00	lysis Lab A Cert# 08 08	Microbac Lab	orato orato orato	ries, Inc. ries, Inc. ries, Inc.	Su	E	Lab S E611173-1 E611173-1		
Analytical M (List Al 515.3 505 504.1	Cert. #: M-	Date Extracted 11/3/2016 11/3/2016 11/3/2016	Date Analyzed 11/4/2016 11/2/2016 11/3/2016	M-CT00 M-CT00	lysis Lab A Cert# 08 08 08	Microbac Lab Microbac Lab Microbac Lab	orato orato orato orato	ries, Inc. ries, Inc. ries, Inc. ries, Inc.	Su	E E	Lab S E611173-1 E611173-1		
Analytical M (List Al 515.3 505 504.1 525.2 531.2	Cert. #: M-	Date Extracted 11/3/2016 11/2/2016 11/2/2016 11/2/2016	Date Analyzed 11/4/2016 11/2/2016 11/3/2016 11/3/2016 11/4/2016	M-CT00 M-CT00 M-CT00 M-CT00	lysis Lab A Cert# 08 08 08	Microbac Lab Microbac Lab Microbac Lab Microbac Lab	orato orato orato orato	ries, Inc. ries, Inc. ries, Inc. ries, Inc.	Su	E E	Lab S E611173-1 E611173-1 E611173-1		
Analytical M (List Al 515.3 505 504.1 525.2 531.2	Cert. #: M-	Date Extracted 11/3/2016 11/2/2016 11/2/2016 11/2/2016 11/2/2016	Date Analyzed 11/4/2016 11/2/2016 11/3/2016 11/3/2016 11/4/2016	M-CT00 M-CT00 M-CT00 M-CT00 M-CT00	1ysis Lab A Cert# 108 108 108 108 108	Microbac Lab Microbac Lab Microbac Lab Microbac Lab Microbac Lab	orato orato orato orato orato	ries, Inc. ries, Inc. ries, Inc. ries, Inc. ries, Inc.		E E	Lab S E611173-1 E611173-1 E611173-1		
Analytical M (List Al 515.3 505 504.1 525.2 531.2	Cert. #: M-	Date Extracted 11/3/2016 11/2/2016 11/2/2016 11/2/2016 11/2/2016	Date Analyzed 11/4/2016 11/2/2016 11/3/2016 11/3/2016 11/4/2016	M-CT00 M-CT00 M-CT00 M-CT00 M-CT00	1ysis Lab A Cert# 108 108 108 108 108	Microbac Lab Microbac Lab Microbac Lab Microbac Lab Microbac Lab	orato orato orato orato orato	ries, Inc. ries, Inc. ries, Inc. ries, Inc. ries, Inc.		E E	Lab S E611173-1 E611173-1 E611173-1		

CAS#	SOC Regulated Contaminants	Results µg/L	MCL μg/L	MDL µg/L	Analytical Method
1563-66-2	CARBOFURAN	ND	40.0	0.90	531.2
23135-22-0	OXAMYL (VYDATE)	ND	200.0	2.0	531.2
94-75-7	2,4-D	ND	70.0	0.10	515.3
93-72-1	2,4,5-TP (SILVEX)	ND	50.0	0.20	515.3
75-99-0	DALAPON	ND	200.0	1.0	515.3
88-85-7	DINOSEB	ND	7.0	0.20	515.3
1918-02-1	PICLORAM	ND	500	0.10	515.3
87-86-5	PENTACHLOROPHENOL	ND	1.0	0.040	515.3
15972-60-8	ALACHLOR	ND	2.0	0.19	525.2
1912-24-9	ATRAZINE	ND	3.0	0.095	525.2
72-20-80	ENDRIN	ND	2.0	0.0095	525.2
76-44-8	HEPTACHLOR	ND	0.4	0.038	525.2
1024-57-3	HEPTACHLOR EPOXIDE	ND	0.2	0.038	525.2
58-88-9	LINDANE	ND	0.2	0.038	525.2
73-43-5	METHOXYCHLOR	ND	40.0	0.095	525.2
118-74-1	HEXACHLOROBENZENE	ND	1.0	0.095	525.2
77-47-4	HEXACHLOROCYCLOPENTADIENE	ND	50.0	0.095	525.2
122-43-9	SIMAZINE	ND	4.0	0.067	525.2
50-32-8	BENZO(A)PYRENE	ND	0.2	0.038	525.2
103-23-1	DI(2-ETHYLHEXYL)ADIPATE	ND	400.0	0.57	525.2
117-81-7	DI(2-ETHYLHEXYL)PHTHALATE	ND	6.0	0.57	525.2



SOC

Synthetic Organic Contaminant Report

Page 2 of 2

CAS#	SOC Regulated Contaminants	Results μg/L	MCL µg/L	MDL μg/L	Analytical Method
57-74-9	CHLORDANE	ND	2.0	0.20	505
8001-35-2	TOXAPHENE	ND	3.0	1.0	505
12674-11-2	PCB AROCLOR 1016	ND		0.22	505
11104-28-2	PCB AROCLOR 1221	ND		0.22	505
11141-16-5	PCB AROCLOR 1232	ND		0.22	505
53469-21-9	PCB AROCLOR 1242	ND		0.22	505
12672-29-6	PCB AROCLOR 1248	ND		0.22	505
11097-69-1	PCB AROCLOR 1254	ND		0.22	505
11096-82-5	PCB AROCLOR 1260	ND		0.22	505
1336-36-3	PCBS (DECACHLOROBIPHENYL)				
	Monitoring requirements for DBCP and EDB I All groundwater sour	nave been waived statew ces must monitor for thes			LY.
96-12-8	DIBROMOCHLOROPROPANE (DBCP)	ND	0.2	0.010	504.1
106-93-4	ETHYLENEDIBROMIDE (EDB)	ND	0.02	0.010	504.1
	Monitoring requirements for the following four contaminants h monitoring and reporting for Diqu				sources, however
85-00-7	DIQUAT				
145-73-3	ENDOTHALL				
1071-53-6	GLYPHOSATE				
1746-01-6	2,3,7,8-TCDD (DIOXIN)				

CAS#	SOC Regulated Contaminants	Results μg/L	ORSG µg/L	MDL µg/L	Analytical Method
116-06-3	ALDICARB	ND	3*	0.50	531.2
1646-88-4	ALDICARB SULFONE	ND	2*	0.80	531.2
1646-87-3	ALDICARB SULFOXIDE	ND	4*	0.50	531.2
63-25-2	CARBARYL	ND		0.50	531.2
16655-82-6	3-HYDROXYCARBOFURAN	ND		0.50	531.2
16752-77-5	METHOMYL	ND		0.50	531.2
1918-00-9	DICAMBA	ND		0.10	515.3
309-00-2	ALDRIN	ND		0.095	525.2
23184-66-9	BUTACHLOR	ND		0.095	525.2
60-57-1	DIELDRIN	ND		0.038	525.2
51218-45-2	METOLACHLOR	ND		0.095	525.2
21087-64-9	METRIBUZIN	ND	100*	0.095	525.2
1918-16-7	PROPACHLOR	ND		0.095	525.2

^{*} No MCL, however the DEP Office of Research and Standards has established a guideline (ORSG) limit for this contaminant.

Method	Surrogate Name	% Recovery (70 - 130%)	Method	Surrogate Name	% Recovery (70 - 130%)
515.3	DCAA	114%	525.2	1,3-Dimethyl-2-nitrobenzene	97%
525.2	Pyrene-d10	99%	525.2	triphenylphosphate	112%
11	4-Bromo-3,5-dimethylphenyl-N-methylcarbamate	100%			

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

Primary Lab Director Signature:

Date: 11/7/2016

If not submitting results electronically, mail <u>TWO</u> 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 <u>or</u> no later than 10 days after the end of the reporting period, whichever is sooner.

DEP REVIEW STATUS (Initial & Da	te) Review		☐ WQTS
☐ Accepted ☐ Disappr	oved Comments		Data Entered
		-	



SOC

Synthetic Organic Contaminant Report

Page 1 of 2

	231600	0			(City / Town:	We	bster, MA					
PWS Name:	Webster	Water Departm	ent					PWS Class:	СОМ	$\overline{\checkmark}$	NTNC		TNC
DEP LOCATION (LOC) ID#		DEP	Location Name						Sample Acidified?		Date Collected	Coll	ected By
03G	#3 Pump Sta	ation			☐ (M)ultiple ☐ (R)aw ☐ (S)ingle ☐ (F)inished					11	1/1/2016	Client	
Routine or		Original, Resi	umitted or					If Resubmitted	d, list below				
Special Sample		Confirmatio	n Report			(1) Reason for	Resu	ubmission	(2) C	ollect	tion Date of (Original	Sample
☑ RS □ SS	☑ Or	iginal Resubm	itted Confirmat	tion	☐ Resar	mple 🗆 Reana	alysis	☐ Report Correction	on				
SAMPLE NOTES - (S	Such as, if a Mar	ifold/Multiple sampl	e, list the sources th	at were on	n-line during	sample collectio	n).						
I. ANALYTICAL I	LABORATO	RY INFORMATION	DN										
			DN rimary Lab Nam	ne: Micr	robac Lat	ooratories, Ir	nc.		Su	bcor	ntract? (Y/	N)	N
	Cert. #:			Anal	robac Lab lysis Lab A Cert#	poratories, In		nalysis Lab Name	Su	bcor	`	N) Sample II	
Primary Lab MA Analytical N (List A	Cert. #:	1-CT008 P	rimary Lab Nam	Anal	lysis Lab A Cert#	Doratories, II	A		Su		`		
Primary Lab MA Analytical N (List A	Cert. #:	1-CT008 P	Date Analyzed	Anal	lysis Lab A Cert#	,	A lorato	ories, Inc.	Su	E	Lab S		
(List A 515.3	Cert. #:	Date Extracted 11/3/2016	Date Analyzed 11/4/2016	Anal MA M-CT00	lysis Lab A Cert# 08	Microbac Lab	A orato orato	ories, Inc.	Su	E(Lab \$		
Analytical N (List A 515.3	Cert. #:	Date Extracted 11/3/2016 11/2/2016	Date Analyzed 11/4/2016 11/2/2016	Anal MA M-CT00 M-CT00	lysis Lab A Cert# 08 08	Microbac Lab	An orato orato orato	ories, Inc.	Su	E(Lab S 611173-3 611173-3		
Analytical N (List A 515.3 505 504.1	Cert. #:	Date Extracted 11/3/2016 11/3/2016	Date Analyzed 11/4/2016 11/2/2016 11/3/2016	M-CT00	lysis Lab A Cert# 08 08 08	Microbac Lab Microbac Lab Microbac Lab	orato orato orato	ories, Inc. ories, Inc. ories, Inc. ories, Inc.	Su	E(Lab S 611173-3 611173-3 611173-3		
Analytical N (List A 515.3 505 504.1 525.2 531.2	Cert. #: N	Date Extracted 11/3/2016 11/3/2016 11/2/2016 11/2/2016	Date Analyzed 11/4/2016 11/2/2016 11/3/2016 11/3/2016 11/4/2016	M-CT00 M-CT00 M-CT00 M-CT00	lysis Lab A Cert# 08 08 08	Microbac Lab Microbac Lab Microbac Lab Microbac Lab	orato orato orato	ories, Inc. ories, Inc. ories, Inc. ories, Inc.	Su	E(Lab S 611173-3 611173-3 611173-3		
Primary Lab MA Analytical N (List A) 515.3 505 504.1 525.2 531.2 Was this Sam	Cert. #:	Date Extracted 11/3/2016 11/2/2016 11/2/2016 11/2/2016	Date Analyzed 11/4/2016 11/2/2016 11/3/2016 11/3/2016	M-CT00 M-CT00 M-CT00 M-CT00 M-CT00	Nysis Lab A Cert# 08 08 08 08 08	Microbac Lab Microbac Lab Microbac Lab Microbac Lab Microbac Lab	And orato orato orato orato	ories, Inc. ories, Inc. ories, Inc. ories, Inc. ories, Inc.		E(Lab S 611173-3 611173-3 611173-3		

CAS#	SOC Regulated Contaminants	Results µg/L	MCL µg/L	MDL µg/L	Analytical Method
1563-66-2	CARBOFURAN	ND	40.0	0.90	531.2
23135-22-0	OXAMYL (VYDATE)	ND	200.0	2.0	531.2
94-75-7	2,4-D	ND	70.0	0.10	515.3
93-72-1	2,4,5-TP (SILVEX)	ND	50.0	0.20	515.3
75-99-0	DALAPON	ND	200.0	1.0	515.3
88-85-7	DINOSEB	ND	7.0	0.20	515.3
1918-02-1	PICLORAM	ND	500	0.10	515.3
87-86-5	PENTACHLOROPHENOL	ND	1.0	0.040	515.3
15972-60-8	ALACHLOR	ND	2.0	0.19	525.2
1912-24-9	ATRAZINE	ND	3.0	0.095	525.2
72-20-80	ENDRIN	ND	2.0	0.0095	525.2
76-44-8	HEPTACHLOR	ND	0.4	0.038	525.2
1024-57-3	HEPTACHLOR EPOXIDE	ND	0.2	0.038	525.2
58-88-9	LINDANE	ND	0.2	0.038	525.2
73-43-5	METHOXYCHLOR	ND	40.0	0.095	525.2
118-74-1	HEXACHLOROBENZENE	ND	1.0	0.095	525.2
77-47-4	HEXACHLOROCYCLOPENTADIENE	ND	50.0	0.095	525.2
122-43-9	SIMAZINE	ND	4.0	0.067	525.2
50-32-8	BENZO(A)PYRENE	ND	0.2	0.038	525.2
103-23-1	DI(2-ETHYLHEXYL)ADIPATE	ND	400.0	0.57	525.2
117-81-7	DI(2-ETHYLHEXYL)PHTHALATE	ND	6.0	0.57	525.2



SOC

Synthetic Organic Contaminant Report

Page 2 of 2

CAS#	SOC Regulated Contaminants	Results μg/L	MCL µg/L	MDL μg/L	Analytical Method
57-74-9	CHLORDANE	ND	2.0	0.20	505
8001-35-2	TOXAPHENE	ND	3.0	1.0	505
12674-11-2	PCB AROCLOR 1016	ND		0.22	505
11104-28-2	PCB AROCLOR 1221	ND		0.22	505
11141-16-5	PCB AROCLOR 1232	ND		0.22	505
53469-21-9	PCB AROCLOR 1242	ND		0.22	505
12672-29-6	PCB AROCLOR 1248	ND		0.22	505
11097-69-1	PCB AROCLOR 1254	ND		0.22	505
11096-82-5	PCB AROCLOR 1260	ND		0.22	505
1336-36-3	PCBS (DECACHLOROBIPHENYL)				
	Monitoring requirements for DBCP and EDB I All groundwater sour	nave been waived statew ces must monitor for thes			LY.
96-12-8	DIBROMOCHLOROPROPANE (DBCP)	ND	0.2	0.010	504.1
106-93-4	ETHYLENEDIBROMIDE (EDB)	ND	0.02	0.010	504.1
	Monitoring requirements for the following four contaminants h monitoring and reporting for Diqu				sources, however
85-00-7	DIQUAT				
145-73-3	ENDOTHALL				
1071-53-6	GLYPHOSATE				
1746-01-6	2,3,7,8-TCDD (DIOXIN)				

CAS#	SOC Regulated Contaminants	Results μg/L	ORSG µg/L	MDL µg/L	Analytical Method
116-06-3	ALDICARB	ND	3*	0.50	531.2
1646-88-4	ALDICARB SULFONE	ND	2*	0.80	531.2
1646-87-3	ALDICARB SULFOXIDE	ND	4*	0.50	531.2
63-25-2	CARBARYL	ND		0.50	531.2
16655-82-6	3-HYDROXYCARBOFURAN	ND		0.50	531.2
16752-77-5	METHOMYL	ND		0.50	531.2
1918-00-9	DICAMBA	ND		0.10	515.3
309-00-2	ALDRIN	ND		0.095	525.2
23184-66-9	BUTACHLOR	ND		0.095	525.2
60-57-1	DIELDRIN	ND		0.038	525.2
51218-45-2	METOLACHLOR	ND		0.095	525.2
21087-64-9	METRIBUZIN	ND	100*	0.095	525.2
1918-16-7	PROPACHLOR	ND		0.095	525.2

^{*} No MCL, however the DEP Office of Research and Standards has established a guideline (ORSG) limit for this contaminant.

Method	Surrogate Name	% Recovery (70 - 130%)	Method	Surrogate Name	% Recovery (70 - 130%)
515.3	DCAA	116%	525.2	1,3-Dimethyl-2-nitrobenzene	99%
525.2	Pyrene-d10	102%	525.2	triphenylphosphate	120%
531.2	4-Bromo-3,5-dimethylphenyl-N-methylcarbamate	105%			

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

Primary Lab Director Signature:

Date: 11/7/2016

If not submitting results electronically, mail <u>TWO</u> 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 <u>or</u> no later than 10 days after the end of the reporting period, whichever is sooner.

DEP REVIEW STATUS (Initial & Date)	Review	□ WQTS
☐ Accepted ☐ Disapprove	d Comments	Data Entered

Webster Water Department

Webster, MA 01570 (508) 949-3861 38 Hill Street

PWS I.D. #2316000 Community

ves/no

Is the Source treated?(please check one)

Report to Mass DEP?(please check one)

POTTEXSON

Sampler (Signature)

November 1, 2016 Date Collected

Comments: G01:8 TIME 1530 6,69 20,4 287 13.2 7.89 DATE OC]]-]-1 Manganese × Iron CUSTODY TRANSFER 11,55 RAW Field Residual Chlorine ** 9:55 1.10 12:10 Time Mem. Beach Finishd Blnd Bigelow Road Finished Address Memorial Beach Sample Type Sample Code Sample Location #1 Pump Station #3 Pump Station Well No. 1 Sampler (Printed) MULT 1 03G 04G RELINQUISHED BY: RELINQUISHED BY: RECEIVED BY: RECEIVED BY: RECEIVED BY: RW Ы Ы

SAMPLE TYPE KEY

DR- DOWNSTREAM REPEAT UR- UPSTREAM REPEAT AR- ADD- REPEAT RO-ORIGINAL SITE REPEAT RW-RAW WATER

RS- ROUTINE

SS- SPECIAL

PT- PLANT TAP

Phone: 1-800-334-0103 Fax: 860-774-2689

Premier Laboratory

7.

PRESERVATIVE VERIFIED