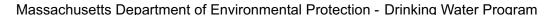




## Secondary Contaminant Report

I. PWS INFORMATION: Please refer to your DEP Water Quality Sampling Schedule (WQSS) to help complete this form																			
PW	S ID #:	311	16000 City / Town: GROVELAND																
PW	S Name:	Gro	oveland Water Department						PWS Class:					COM ⊠ NTNC □ TNC □					
DEP LOCATION (LOC) ID#			DEP Location Name						Sample Information				1	Date Collected			Collected By		•
Α	10002	(	G.P.	WELL #3	3				☐ ( <b>M</b> )ulti ☑ ( <b>S</b> )ing			( <b>R</b> )a ( <b>F</b> )in	w nished	7/1	1/15	C. S	TOKES	3	
В	10004	(	G.P.	WELL #4	ļ				☐ ( <b>M</b> )ulti			( <b>R</b> )a ( <b>F</b> )in	w nished	7/1	1/15	C. S	TOKES	3	
	Routine or Special Sample			Original, Resubmitted or Confirmation Report					If Resubmitted Report, list below:  (1) Reason for Resubmission  (2) Collection						on Dat	o of Ori	ainal S	ample	
Α				·					Resample Reanalysis Report Correction							on Dai	e 01 011	gillal 5	ample
В									□ Resample □ Reanalysis □ Report Correction										
	SAMPLE NOTE	PLE NOTES – (Such as, if a Manifold/Multiple sample, list any sources that were on-line during sample collection).																	
Α																			
В	В																		
II. ANALYTICAL LABORATORY INFORMATION:																			
Primary Lab MA Cert. #: MA026					Primary	Lab Na	me: Bio	Biomarine Inc.						Subcontracted? (Y/N)				Υ	
Ana	lysis Lab MA C	ert. #	#: M-CT008 Analysis La			Lab Na	me: Pre	mier	r Laboratory, Llc								1	_	
					Results		MDL						Dat						
	Compound			Α	В	SMCL	(mg/L		La	b Metho	od		Analy			Lab	Sample	e ID#	
IRON (mg/L)				0.44	0.090	0.3	0.05	1	ICP	BY 20	0.7		7/7/15 E507275-			<b>75-1,2-5</b>	9887A,E	3	
MANGANESE (mg/L)				0.27	0.025	0.05*	0.002	.0	ICP	BY 20	0.7		7/7/	15	Е	E507275-1,2-59887A,E			3
ALKALINITY (mg/L as CaCO3			3)	91	63	None	1.0		S	M2320	В		7/6/	15	E	E507275-1,2-59887A,B			3
CAL	.CIUM (mg/L)			31	17	None	0.05	1	ICP	BY 20	0.7		7/7/	15	E	E507275-1,2-59887A,B			3
MAGNESIUM (mg/L)				6.8	5.7	None	0.05	1	ICP	BY 20	0.7		7/7/	15	Е	E507275-1,2-59887A,B			3
HARDNESS (mg/L as CaCO			)	100	67	None	0.35	j	S	M2340	В		7/7/	15	E	E507275-1,2-59887A,B			3
POTASSIUM (mg/L)				3.4	1.3	None	0.20	)		BY 20			7/7/		E507275-1,2-59			9887A,E	3
	BIDITY (mg/L)			0.41	0.79	None	0.10			M2130			7/2/				75-1,2-5	-	
ALUMINUM (mg/L)			0.056	ND	0.2	0.05	1		BY 20			7/7/		1		75-1,2-5	-		
CHLORIDE (mg/L)				130	37	250	8.0			1500-C			7/2/			75-1,2-5	-		
COLOR (C.U.)  COPPER (mg/L)				0.0050	0.0041	15	0.002	0	5	M2120 200.7	В		+ +			E507275-1,2-59887A,B E507275-1,2-59887A,B			
	OR (T.O.N)			1	1	3	0.002	.0	S	M2150	R		7/2/				75-1,2-5		
pH				6.8	6.6	6.5-8.5				4500-F			7/2/			E507275-1,2-59887A,B			
SILVER (mg/L)				ND	ND	0.10	0.002	20		BY 20			1				507275-1,2-59887A,B		
SULFATE (mg/L)				21	13	250	5.0		SM4	500-SC	)4-E		7/6/	6/15 E507275-1,2		<b>'</b> 5-1,2-5	9887A,E	3	
TDS (mg/L)				360	180	500	10		SI	M 2540	С		7/7/	15	E	E507275-1,2-59887A,			3
ZINC (mg/L)				ND 0.0059 <b>5</b>			0.005	51 ICP BY 200.7 7/7/15				E507275-1,2-59887A,B				3			
* EP	A has established			ealth Adviso	ory (HA) for mang	anese at (	0.3 mg/L and	d an	acute HA a	t 1.0 mg	<sub>J</sub> /L.								
Α	LAB SAMPLE N	IOTES	3																
A B																			
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.  If not submitting these results electronically, mail <u>TWO</u> copies of this report to you this report or no later than 10 days after the proof of the penalty of									Regional Of	fice no la	ater t	han		e: ter the	end of the		/28/15 in whic	ch you n	eceived
	EP REVIEW STATUS (Initial & Date) Revie  Accepted Disapproved Commen						Review omments										☐ WQ Entere		ta





□ WQTS

Data Entered



DEP REVIEW STATUS (Initial & Date)

□ Disapproved

 $\square$  Accepted

## Secondary Contaminant Report

I. PWS INFORMATIC	N: Pleas	e refer to yo	ur DEP Water	Quality Sar	npling Sched	lule (WQSS) to help con	nplete this for	m					
PWS ID #:					С	ity / Town: Biomarine,	MA						
PWS Name:	Biomarin	e - DW - DE	Р			PWS (	Class:	сом 🗆	NTNC	TNC [			
DEP LOCATION (LOC) ID#			DEP Location	Name		Sample Information	Date C	ollected	Collected By				
Α	5988	7A				☐ (M)ultiple ☐(R)aw ☑ (S)ingle ☑(F)inish	7/1/201	15 Client					
В	5988	7B				☐ (M)ultiple ☐(R)aw	15 Client						
						☐ (S)ingle ☐ (F)inished ☐ (F)i							
Routine or Special Sample	,	~	nal, Resubmitted o nfirmation Report	r	(	(1) Reason for Resubmission (2) Collection Date of Original Sample							
A ☑ RS □ S			Resubmitted	Confirmation	Resample	☐ Resample ☐ Reanalysis ☐ Report Correction							
B ØRS □S	S ☑	Original	Resubmitted	Confirmation	☐ Resample	☐ Resample ☐ Reanalysis ☐ Report Correction							
SAMPLE NOTES													
Α	-												
В													
II. ANALYTICAL LAE	BORATO	RY INFORMA	TION										
Primary Lab MA Cer	+ #· N	1-CT008	Primary Lab	Name: M	icrobac Lab	oratories, Inc.		Subcontract? (Y/N)					
Timary Lab MA Cer	#.	1-01000	i i i i i i i i i i i i i i i i i i i	ivaline. IVI	iciobac Labi	oratories, inc.		Oubcont	1401: (1/14)	_ IN			
Analysis Lab MA Ce	ert. #: N	1-CT008	Analysis La	b Name: M	icrobac Lab	oratories, Inc.			]				
		P	esults										
Contaminant	t		В	SMCL	MDL (mg/L)	Lab Method	Date Analyzed		Lab				
		A			(mg/L)				Sample ID#				
IRON (mg/L)		0.44	0.090	0.3	0.051	200.7	7/7/2015		-1, E507275-2				
MANGANESE (mg/		0.27	0.025	0.05*	0.0020	200.7	7/7/2015		-1, E507275-2				
ALKALINITY (mg/L	as CaCC		63	none	1.0	SM2320B	7/6/2015	_	-1, E507275-2				
CALCIUM (mg/L)		31	17	none	0.051	200.7	7/7/2015		-1, E507275-2				
MAGNESIUM (mg/L)		6.8	5.7	none	0.051	200.7	7/7/2015		7275-1, E507275-2				
HARDNESS (mg/L as CaC			67	none	0.35	SM2340B	7/7/2015	-	7275-1, E507275-2				
POTASSIUM (mg/L	.)	0.41	0.79	none	0.20	200.7 SM2130B	7/7/2015		507275-1, E507275-2 507275-1, E507275-2				
TURBIDITY (NTU)		0.41	ND	none 0.2	0.051	200.7	7/2/2015 7/7/2015		E507275-1, E507275-2				
ALUMINUM (mg/L)		130	37	250	8.0	SM4500-CL-D	7/2/2015	_	507275-1, E507275-2				
CHLORIDE (mg/L) COLOR (C.U)		0	0	15	0.0	SM2120B	7/2/2015		-1, E507275-2 -1, E507275-2				
COPPER (mg/L)		0.0050	0.0041	1	0.0020	200.7	7/7/2015		-1, E507275-2 -1, E507275-2				
ODOR (T.O.N)		1	1	3	0.0020	SM2150B	7/2/2015	_	-1, E507275-2				
pH		6.8	6.6	6.5 to 8.5		SM 4500-H+B	7/2/2015		-1, E507275-2				
SILVER (mg/L)		ND	ND	0.10	0.0020	200.7	7/7/2015		-1, E507275-2				
SULFATE (mg/L)		21	13	250	5.0	SM4500-SO4-E	7/6/2015		-1, E507275-2				
TDS (mg/L)		360	180	500	10	SM2540C	7/7/2015		-1, E507275-2				
ZINC (mg/L)		ND	0.0059	5	0.0051	200.7	7/7/2015		-1, E507275-2				
* EPA has establish	ned a life	ime Health A	Advisory (HA) f	or mangane	se at 0.3 mg	/L and an acute HA at 1.	0 mg/L.	,					
LAB SAMPLE NO													
A A	J. L. J												
В													
I certii authorized to fill out th true, accurate and coi	nis form an	d the informat		erein is		Primary Lab Director Signature:  Date: 7/20/2015							
If not	_		-			our DEP Regional Office no after the end of the reporting	later than 10 da	ays after the e					

Review

Comments