CERTIFICATE OF ANALYSIS

Barnstable County Health Laboratory (M-MA009)

Report Prepared For:
Tom Cambareri
Cape Cod Commission
P O Box 227
Barnstable, MA 02630

Report Dated: 5/2/2017

Order No.: G1798863

Laboratory ID #: 1798863-01 **Description:** Water - Monitoring Well

Sample #: **Sample Location:** HS - 1a **Collected:** 04/10/2017

Collected by: **Received:** 04/10/2017

Test Parameters

ITEM	RESULT	UNITS	RL	MCL	METHOD #	ANALYST	TESTED	NOTE
Aluminum	**3.8**	mg/L	0.015		EPA 200.8	VZ	4/13/2017	
Antimony	**ND**	mg/L	0.0030	0.006	EPA 200.8	VZ	4/13/2017	
Arsenic	**0.0039**	mg/L	0.0030	0.010	EPA 200.8	VZ	4/13/2017	
Barium	**0.012**	mg/L	0.0030	2.0	EPA 200.8	VZ	4/13/2017	
Beryllium	**ND**	mg/L	0.0030	0.004	EPA 200.8	VZ	4/13/2017	
Cadmium	**ND**	mg/L	0.0030	0.005	EPA 200.8	VZ	4/13/2017	
Chromium	**ND**	mg/L	0.0030	0.1	EPA 200.8	VZ	4/13/2017	
Copper	**0.038**	mg/L	0.0030	1.3	EPA 200.8	VZ	4/13/2017	
Lead	**ND**	mg/L	0.0030	0.015	EPA 200.8	VZ	4/13/2017	
Mercury	**ND**	mg/L	0.0005	0.002	EPA 245.1	LAP	4/17/2017	
Nickel	**0.0045**	mg/L	0.0030		EPA 200.8	VZ	4/13/2017	
Selenium	**ND**	mg/L	0.015	0.05	EPA 200.8	VZ	4/13/2017	
Silver	**ND**	mg/L	0.002		EPA 6010B	LAP	4/28/2017	
Thallium	**ND**	mg/L	0.0030	0.002	EPA 200.8	VZ	4/13/2017	
Zinc	**ND**	mg/L	0.015		EPA 200.8	VZ	4/13/2017	

ND = None Detected RL = Reporting Limit MCL = Maximum Contaminant Level

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Report Dated: 5/2/2017

Order No.: G1798863

Laboratory ID #: 1798863-02 **Description:** Water - Monitoring Well

Sample #: **Sample Location:** HS - 2a **Collected:** 04/10/2017

Collected by: **Received:** 04/10/2017

Test Parameters

ITEM	RESULT	UNITS	RL	MCL	METHOD #	ANALYST	TESTED	NOTE
Aluminum	**3.8**	mg/L	0.015		EPA 200.8	VZ	4/13/2017	
Antimony	**ND**	mg/L	0.0030	0.006	EPA 200.8	VZ	4/13/2017	
Arsenic	**ND**	mg/L	0.0030	0.010	EPA 200.8	VZ	4/13/2017	
Barium	**0.0089**	mg/L	0.0030	2.0	EPA 200.8	VZ	4/13/2017	
Beryllium	**ND**	mg/L	0.0030	0.004	EPA 200.8	VZ	4/13/2017	
Cadmium	**ND**	mg/L	0.0030	0.005	EPA 200.8	VZ	4/13/2017	
Chromium	**ND**	mg/L	0.0030	0.1	EPA 200.8	VZ	4/13/2017	
Copper	**ND**	mg/L	0.0030	1.3	EPA 200.8	VZ	4/13/2017	
Lead	**ND**	mg/L	0.0030	0.015	EPA 200.8	VZ	4/13/2017	
Mercury	**ND**	mg/L	0.0005	0.002	EPA 245.1	LAP	4/17/2017	
Nickel	**0.0078**	mg/L	0.0030		EPA 200.8	VZ	4/13/2017	
Selenium	**ND**	mg/L	0.015	0.05	EPA 200.8	VZ	4/13/2017	
Silver	**ND**	mg/L	0.002		EPA 6010B	LAP	4/28/2017	
Thallium	**ND**	mg/L	0.0030	0.002	EPA 200.8	VZ	4/13/2017	
Zinc	**ND**	mg/L	0.015		EPA 200.8	VZ	4/13/2017	

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Barnstable County Health Laboratory (M-MA009)

Report Prepared For:
Tom Cambareri
Cape Cod Commission
P O Box 227
Barnstable, MA 02630

Report Dated: 5/2/2017

Order No.: G1798863

Laboratory ID #: **1798863-03** **Description:** Water - Monitoring Well

Sample #: **Sample Location:** PWF - 2 **Collected:** 04/10/2017

Collected by: **Received:** 04/10/2017

Test Parameters

ITEM	RESULT	UNITS	RL	MCL	METHOD #	ANALYST	TESTED	NOTE
Aluminum	**0.57**	mg/L	0.015		EPA 200.8	VZ	4/13/2017	
Antimony	**ND**	mg/L	0.0030	0.006	EPA 200.8	VZ	4/19/2017	
Arsenic	**ND**	mg/L	0.0030	0.010	EPA 200.8	VZ	4/19/2017	
Barium	**ND**	mg/L	0.0030	2.0	EPA 200.8	VZ	4/19/2017	
Beryllium	**ND**	mg/L	0.0030	0.004	EPA 200.8	VZ	4/19/2017	
Cadmium	**ND**	mg/L	0.0030	0.005	EPA 200.8	VZ	4/19/2017	
Chromium	**ND**	mg/L	0.0030	0.1	EPA 200.8	VZ	4/19/2017	
Copper	**ND**	mg/L	0.0030	1.3	EPA 200.8	VZ	4/19/2017	
Lead	**ND**	mg/L	0.0030	0.015	EPA 200.8	VZ	4/19/2017	
Mercury	**ND**	mg/L	0.0005	0.002	EPA 245.1	LAP	4/17/2017	
Nickel	**0.0061**	mg/L	0.0030		EPA 200.8	VZ	4/13/2017	
Selenium	**ND**	mg/L	0.015	0.05	EPA 200.8	VZ	4/19/2017	
Silver	**ND**	mg/L	0.002		EPA 6010B	LAP	4/28/2017	
Thallium	**ND**	mg/L	0.0030	0.002	EPA 200.8	VZ	4/19/2017	
Zinc	**ND**	mg/L	0.015		EPA 200.8	VZ	4/19/2017	

Attached please find the laboratory certified parameter list.

Approved By: Longmin Le
(Lab Director)
5/5/2017

ND = None Detected RL = Reporting Limit MCL = Maximum Contaminant Level

CUSTOMER INVOICE

Barnstable County Health Laboratory

Invoice Date: 05/02/2017

Cape Cod Commission
Tom Cambareri
P O Box 227
Barnstable, MA 02630

Invoice #:	G1798863
PO #:	
Total Paid:	$0.00
Amount Due:	$765.00
Payment Terms:	Net 30 Days

Service	Procedure Description	Date Completed	QTY	Price	Invoice Amount
Laboratory	Aluminum	05/02/2017	3	$20.00	$60.00
	Antimony	05/02/2017	3	$15.00	$45.00
	Arsenic	05/02/2017	3	$15.00	$45.00
	Barium	05/02/2017	3	$15.00	$45.00
	Beryllium	05/02/2017	3	$15.00	$45.00
	Cadmium	05/02/2017	3	$15.00	$45.00
	Chromium	05/02/2017	3	$15.00	$45.00
	Copper	05/02/2017	3	$15.00	$45.00
	Lead	05/02/2017	3	$15.00	$45.00
	Mercury	05/02/2017	3	$25.00	$75.00
	Nickel	05/02/2017	3	$15.00	$45.00
	Selenium	05/02/2017	3	$20.00	$60.00
	Silver	05/02/2017	3	$20.00	$60.00
	Thallium	05/02/2017	3	$20.00	$60.00
	Zinc	05/02/2017	3	$15.00	$45.00

CUSTOMER INVOICE

Barnstable County Health Laboratory

Invoice Date: 05/02/2017

Cape Cod Commission
Tom Cambareri
P O Box 227
Barnstable, MA 02630

Invoice #:	G1798863
PO #:	
Total Paid:	$0.00
Amount Due:	$765.00
Payment Terms:	Net 30 Days

Service	Procedure Description	Date Completed	QTY	Price	Invoice Amount

Grand Total: $765.00

CHAIN OF CUSTODY

BARNSTABLE COUNTY DEPARTMENT OF HEALTH & ENVIRONMENT
WATER QUALITY LABORATORY
3195 Main Street/PO Box 427, Barnstable, MA 02630 Phone: 508-375-6605; Fax: 508-362-7103

Bill

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REPORT GOES TO	BILLING INFORMATION	INFORMATION FOR MA DEP
ATTENTION: Tom Cambareri	ATTENTION: Same	PWS ID:
COMPANY NAME: CCC	COMPANY NAME:	PWS NAME:
ADDRESS: 3225 Main	ADDRESS:	PWS CLASS:
Barnstable, MA 02630		TURN-AROUND TIME Standard: Ten Business days
E-MAIL: tcambareri@capecodcommissioners.org	E-MAIL:	Rush: One___ Two___ Three___ Four___ Five___
PHONE: 508 362 3828 FAX: x3136	PHONE: FAX:	REPORT DELIVERY Fax___ E-mail✓ Hardcopy___

LAB ID	SAMPLE LOCATION / IDENTIFICATION (Street Address + City + State)	COLLECTION DATE	COLLECTION TIME	SAMPLER	MA DEP LOCATION ID or MAP +PARCEL	SAMPLE TYPE Routine (RS)	Special (SS)	RO, UR, DR, AR, RW, PT	Multiple (M)	Single (S)	Raw (R)	Finish (F)	SAMPLE MATRIX	# OF BOTTLES	ANALYSIS Routine[1]	Routine+VOC[2]	Sb, As, Ba, Be, Cd, Cr	Cu, Pb, Ni, Se, Tl, Zn, Al, Hg	+ Ag	COMMENT
1	HS-1a	4/10/17	1010	TCAM										2				✓	✓	Ag & Hg ↓
2	HS-2a	↓	1108											2				✓	✓	to Env.
3	PFW-2	✓	1110											2				✓	✓	

Relinquished By:	Date/Time	Received By:	Date/Time	Container Type[3]	P	P, GV				
[signature]	4/10/17	[signature]	1515	Preservative HCl		√				See reverse side for Routine sampling instruction.
			4/10.17	Preservative HNO_3	√	√				
				Preservative Others[4]	S	S				

[1] Routine includes *pH, Nitrate, Total Coliform, Sodium, Copper, Iron, Conductance.*

[2] Routine+VOC (Real Estate Kit). VOC=Volatile Organic Compounds

[3] Container Type: P = Plastics; CG = Clear Glass; AG = Amber Glass; GV = Glass Vial

[4] H = H_2SO_4; T = $Na_2S_2O_3$ (THIO); S = Sterile; N = NaOH