

**CERTIFICATE OF ANALYSIS**

Patricia McCabe  
Pembroke Watershed Association  
PO Box 368  
Pembroke, MA 02359

Project Name: Furnace Pond  
Work Order Number: 2106769  
Date Received: 06/17/2021

Sampled By: Patricia McCabe  
Location: North Central

Date Sampled: 6/17/21 15:00  
Matrix: Surface Water

**RESULTS OF ANALYSIS**

Parameter	Analytical Method	Date Analyzed	Units	Det. Limit*	MCL/ Rec Limit#	Result
<b>Test Parameters</b>				<b>LAB-ID#: 2106769-01</b>		
Alkalinity as CaCO <sub>3</sub>	310.2	6/30/2021	mg/L	4.00	---	16.7
Chloride	4110 B	6/22/2021	mg/L	10.0	---	68.1
Phosphorus, Total	365.1	6/28/2021	mg/L	0.01	---	0.05
Turbidity	2130B	6/17/2021	NTU	0.25	---	4.8

Sampled By: Patricia McCabe  
Location: Central Deep Hole

Date Sampled: 6/17/21 15:00  
Matrix: Surface Water

**RESULTS OF ANALYSIS**

Parameter	Analytical Method	Date Analyzed	Units	Det. Limit*	MCL/ Rec Limit#	Result
<b>Test Parameters</b>				<b>LAB-ID#: 2106769-02</b>		
Alkalinity as CaCO <sub>3</sub>	310.2	6/30/2021	mg/L	4.00	---	14.5
Chloride	4110 B	6/22/2021	mg/L	10.0	---	68.2
Phosphorus, Total	365.1	6/28/2021	mg/L	0.01	---	0.06
Turbidity	2130B	6/17/2021	NTU	0.25	---	4.1

NA = Not Applicable  
ND = Not Detected  
'<' - Less Than  
\*' = Detection Limit

Approved By:   
Lab Director

- MCL = Maximum Contaminant Level as adopted by the Commonwealth of Massachusetts and represents the maximum acceptable level in drinking water.
- Recommended limits are suggested levels of materials allowed in water. These may be for aesthetic reasons rather than for human health.
- Currently there are no limits (recommended or mandated) for this parameter. This is merely presented for guidance.
- If present, coliform values (in parentheses) are defined as estimated numbers.

**REVIEWED**  
By Amanda Cronin at 11:29 am, Jul 12, 2021



## CHAIN OF CUSTODY

1 of 2

2106769 <sup>422 West Grove Street</sup>  
 MA 02346  
 8-946-2225  
 8-946-3335  
 EM-MA022



Client Name: PWA	Project Name: PWA furnace bond
Address: PO Box 368 Remboke, MA	Collected By: Patricia Melrose
C-o-C# 2106769	Phone: 339-288-1752
	Email: pattmax339@msn.com

LAB ID	COLLECTION		MATRIX	PRES.	COMP.	GRAB	STATION LOCATION	Alkalinity	Chloride	Total Phosphorus	Turbidity			
	DATE	TIME												
F02	6/17/15	3pm				✓	furnace North Central	✓	✓	✓	✓			
F-08	6/17/15	3:10 pm				✓	furnace central keep hole	✓	✓	✓	✓			

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT.

RELINQUISHED BY: Patricia Melrose	RECEIVED BY: [Signature]	DATE: 6/17	TIME: 10:15	LAB COMMENTS
RELINQUISHED BY:	RECEIVED FOR LABORATORY BY:	DATE:	TIME:	
SHIPPING CONDITIONS: (circle one) Iced or Ambient				TEMPERATURE AT RECEIPT: 27.4°C

<b>MATRIX CODES</b> RW- REAGENT WATER DW- DRINKING WATER GW- GROUND WATER SW- SURFACE WATER SO- SOIL SE- SEDIMENT SL- SLUDGE HW- HAZARDOUS WASTE WW- WASTE WATER PW- POOL WATER	<b>CONTAMINATION LEVEL</b> L- LOW M- MEDIUM H- HIGH U- UNKNOWN	<b>TURN AROUND TIME (TAT)</b> NORMAL (7-10 Business Days) * TAT begins when sample is received at testing facility. * TAT for samples received after 4p.m. will begin on the next business day. *All TAT's are subject to laboratory approval and customer consent.
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