



July 20, 2023

Mr. Henry R. Nolte
149 Vineyard Meadow Farms Road
West Tisbury, MA 02575

via email: nolte@optonline.net

**Re: Groundwater Assessment Activities
149 Vineyard Meadow Farms Road
West Tisbury, Massachusetts**

Dear Mr. Nolte:

On behalf of the Martha's Vineyard Airport Commission (MVAC), Tetra Tech is providing the results of sampling activities conducted as part of an on-going investigation to assess for the presence of Per- and Polyfluoroalkyl substances (together, PFAS) including aqueous film-forming foam (AFFF) in groundwater at and around the Martha's Vineyard Airport (MVY).

On December 27, 2019, MassDEP promulgated a regulatory standard for PFAS along with other revisions to the Massachusetts Contingency Plan (MCP). The MCP Category GW-1 standard of 20 parts per trillion (ppt) for 6 target PFAS (PFAS6) compounds applies to groundwater that is considered either a current or future source of drinking water in Massachusetts. The U.S. Environmental Protection Agency (EPA) proposed a federal National Primary Drinking Water Regulation (NPDWR) to establish enforceable levels for certain PFAS compounds on March 14, 2023. The NPDWR for PFAS is still in review and has not been finalized. We understand that MassDEP is also reviewing the information from EPA and has not issued further guidance at this time. Additional information about PFAS from MassDEP is provided as an attachment, and information on the EPA proposed drinking water regulations for PFAS can be found on the MassDEP PFAS website here: <https://www.mass.gov/info-details/per-and-polyfluoroalkyl-substances-pfas>.

A Tetra Tech representative conducted a private well sampling event at 149 Vineyard Meadow Farms Road (identified as Property DU) on June 6, 2023. The water sample was analyzed at a Massachusetts-certified laboratory, Alpha Analytical, for PFAS compounds via EPA Method 533. The PFAS6 compounds were not detected in the untreated water samples from your water supply well above the laboratory detection limits, which are below the MassDEP GW-1 standard of 20 ppt. These data are consistent with the prior samples collected from your property; therefore, no further action is warranted at this time.

Please contact me if you have any questions or comments.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'R. Myrick, Jr.'.

Ronald E. Myrick, Jr., P.E., L.S.P.
Vice President

CC: Geoff Freeman, Martha's Vineyard Airport (via email)

P:\3953\143-3953-22001_PFAS FY2023\DOCS\REPORTS\SAMPLING NOTICES\DRAFT_PRIVATEWELLS\2023-06 SAMPLING\2023-07-20 (MVY PFAS SAMPLERESULTS\LETTER_149VMFR_DU).DOCX

Marlborough Technology Park
100 Nickerson Road, Marlborough, MA 01752
Tel 508.786.2200 Fax 508.786.2201 tetratech.com

Wampanoag Environmental Laboratory

Water Quality Analysis



Massachusetts DEP Laboratory Certification # M-MA1084

Owner: Leslie Nolte

Company:

Sample Location: 149 Vineyard Meadow Farms Rd

Town: West Tisbury

State: MA

Zip: 02575

Phone/Fax: 203-912-6515

Primary Parameters

<u>Parameters</u>	<u>Results</u>	<u>Units</u>	<u>MCL</u>	<u>MDL</u>	<u>Method</u>
Total Coliform *	ND	colonies/100mL	1	0.0	SM 9223 B
E. Coli *	ND	colonies/100mL	1	0.0	SM 9223 B
Nitrate	0.86	mg/L	10	0.23	102061 HACH

Secondary Parameters

<u>Parameters</u>	<u>Results</u>	<u>Units</u>	<u>MCL</u>	<u>MDL</u>	<u>Method</u>
pH	7.32		8.5	6.5	EPA 150.1
Conductivity	82.5	µS/cm	1500	0.0	EPA 120.1
Total Dissolved Solids	41.3	mg/L	750	0.0	EPA 160.1
Copper	ND	mg/L	1.3	0.05	8506 HACH
Iron	ND	mg/L	0.3	0.05	8008 HACH
Phosphate	ND	mg/L		0.05	EPA 365.1
Sulfate	2.0	mg/L	250	0.05	8051 HACH

Comments

Water is considered potable for all parameters tested.

○ Indicates a potential issue with the water sample
 * Indicates a Massachusetts Department of Environmental Protection certified laboratory analysis
 ND= Not Detected MDL = Minimum Detection Limits MCL = Maximum Contamination Level

Laboratory ID 16152

Sample Description

Package A

Sampled

Time 1:30 PM

Date 6/29/2023

Received

Time 2:50 PM

Date 6/29/2023

Bacteria Started

Time 3:25 PM

Date 6/29/2023

Bacteria Completed

Time 3:20 PM

Date 6/30/2023

Analyst MA

Report Date

7/7/2023

Wampanoag Environmental Laboratory

Water Quality Analysis



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