



Contact Information:

Holly Wahl, Town Administrator

(410) 257-2230 hwahl@chesapeakebeachmd.gov

“Town Water Supply Tests Clear”
Chesapeake Beach, MD

FOR IMMEDIATE RELEASE

May 21, 2021 (Chesapeake Beach, MD)- In response to recent environmental restoration public outreach regarding the Naval Research Laboratory - Chesapeake Bay Detachment, the Town of Chesapeake Beach has taken additional precautionary measures to test the Town’s drinking water, and report that the Town’s drinking water has **no traces of per-and polyfluoroalkyl substances (PFAS). Tests were conducted on all Town drinking wells, which draw from the Aquia Aquifer.**

What is PFAS: According the Environmental Protection Agency (EPA), “PFAS are a group of man-made chemicals that have been in use since the 1940s and are (or have been) found in many consumer products like cookware, food packaging, and stain repellants. PFAS manufacturing and processing facilities, airports, and military installations that use firefighting foams are some of the main sources of PFAS. PFAS may be released into the air, soil, and water, including sources of drinking water. PFOA and PFOS are the most studied PFAS chemicals and have been voluntarily phased out by industry, though they are still persistent in the environment.”¹

Why is the Town testing for PFAS?

Given the Naval Research Laboratory - Chesapeake Bay Detachment proximity to Town, being just south of the Town limits, the Town has been engaged with the Navy related to their ongoing PFAS containment measures. The Navy has provided the Town, and general public, with data supporting their determination of why the Town’s water supply was not considered to be at risk of PFAS exposure. The Town Administration agreed with the Navy’s assessment; however, the Town felt it was important to conduct testing to assure Town citizens of the safety of municipal drinking water. The testing conducted by the Town, and at the Town’s expense, is above and beyond what is required of any Maryland Department of Environment (MDE) mandatory testing.

¹ *Environmental Protection Agency (EPA) “PFOA, PFOS and Other PFAS”*



The Navy conducted sampling of private wells that were considered to be at risk of PFAS exposure, all locations were outside of Town limits. The Navy made contact with local affected property owners and held a public meeting and poster session in July 2018, before sampling, and again in October 2018 after sampling to provide a summary of the results to the public. The Navy sent individual property owners their individual private well sampling results. Of the 42 drinking water samples collected from private wells, PFAS were not detected in 39 samples. PFAS were detected in 3 samples. PFOA was detected in 2 of these samples. No test results were above the EPA lifetime health advisory. Further information related to the Navy's testing can be located [here](#).

Who provides regulatory oversight of the Naval Research Laboratory?

Regulatory oversight of the Naval Research Laboratory – Chesapeake Bay Detachment is provided by the Maryland Department of the Environment (MDE).

What Community Outreach is taking place?

The Naval Facilities Engineering Systems Command (NAVFAC) Washington, in cooperation with the Maryland Department of the Environment (MDE), has established a Restoration Advisory Board (RAB) to discuss environmental restoration issues at Naval Research Laboratory – Chesapeake Bay Detachment (NRL-CBD). The RAB contains representatives from the Navy, Maryland Department of the Environment (MDE), local government officials, and community members. The NRL-CBD RAB was formed in December 2019. The RAB is co-chaired by an elected community member and a Navy representative. RAB members are considered a key source in efforts to communicate openly and effectively with the community at large. They are provided with information about the ER Program and their input on remediation decisions is actively sought.

The purpose of a RAB is to encourage regular, two-way communication between the Navy and the local community by:

- Informing the public regarding the progress of planned and ongoing restoration actions at the facility
- Communicating the results of investigations and risk assessments when available
- Receiving feedback from the public as to their specific concerns and information needs
- Providing the public with the opportunity to comment on and participate in addressing technical decisions associated with ER sites at the facility

Further information related to future outreach efforts can be viewed on the Naval Research Laboratory - Chesapeake Bay Detachment public outreach website [here](#).



The Town will continue to coordinate with representatives from the Navy, and the Maryland Department of Environment, and disseminate information to Town citizens.

For more information related to the Naval Research Laboratory - Chesapeake Bay Detachment, please contact Regina Adams, NAVFAC Washington Public Affairs Officer, at 202-685-0384 or NAVFAC_NFW_PUBLICAFFAIRSOFFICE@navy.mil.

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Town of Chesapeake Beach Water Sampling Tests follow

Exhibit "A"

Daily POE (Point of Entry)-Finished Water-Chain of Custody (COMMUNITY & NON-COMMUNITY SYSTEMS ONLY)

Sampler: Ryan Shields ID#: 2620RS Collection Date: ~~10/23/21~~ 2/23/21

ID #	PWSID	System Name	Plant ID	Plant Name/Site Address	POE Location	Time Collected	Lab Use Only		
							pH	Cl ₂	D/T/A Preserved?
PPAS RS-21-0019	004-0003	Chesapeake Beach		Harbor Rd Well House Raw →	Raw Tap	1044			
PPAS RS-21-0020	↓	↓		Chesapeake Village Tower Raw →	Raw Tap	1107			
PPAS RS-21-0021	↓	↓		Richfield Station Tower Raw →	Raw Tap	1135			
RS-21-0022									
RS-21-0023									
RS-21-0024									
RS-21-0025									
RS-21-0026									
RS-21-0027									

RELINQUISHED BY: <i>Ryan Shields</i>	DATE/TIME: 2/23/21 1530	RECEIVED BY:	DATE/TIME:
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
RECEIVED BY LAB: <i>E. Rodger</i>	DATE/TIME: 2/23/21 1530	Preservatives: 1 - 4° 2 - H ₂ SO ₄ , 4° 3 - HNO ₃ , 4° 4 - HCl, 4°	
Labeled Preserved <input checked="" type="checkbox"/>	Ice: Yes <input checked="" type="checkbox"/> or No	Temperature: 3°C	Comments

Water Testing Laboratories

P.O. Box 712
Stevensville, MD 21666
410-643-7711

of Maryland, Inc.

Town Of Chesapeake Beach
Po Box 400
Chesapeake Beach Md 20732

Reporting Date: 3/8/21
Report #: RS-21-0019
PWSID #: MD0040003

Submitted Sample Address: Harbor Rd, Well house
Submitted Sample Source: Raw sample tap
Date / Time Collected: 2/23/2021 1044
Sample Type: Drinking Water
Sampler/Company: R. Shields 2620RS, WTL of MD
Field Record: Chlorine Residual: Free: <0.1 Total: <0.1 pH: 8.5
Laboratory Certification: 214

Analytical Results

Parameter	Result	Units	Report Limit	Standard	Standard Type
Perfluorooctanoic Acid (PFOA)	ND	ng/L	2.0	---	---
Perfluorooctanesulfonic Acid (PFOS)	ND	ng/L	2.0	---	---
Perfluorobutanesulfonic Acid (PFBS)	ND	ng/L	2.0	---	---
Perfluoroheptanoic Acid (PFHpA)	ND	ng/L	2.0	---	---
Perfluorohexanesulfonic Acid (PFHxS)	ND	ng/L	2.0	---	---
Perfluorononanoic Acid (PFNA)	ND	ng/L	2.0	---	---

Notes:

1. Results in **BOLD** exceed the MCL, Action Level or MD well regulation.
2. Samples received and examined within EPA's recommended holding times.
3. MCL - Maximum Contaminant Level
4. ND - Not Detected.
5. ng/L - nanograms/Liter
6. MCL Type -
EPA Primary: The maximum contaminant level which is the highest level of contaminant that is allowed in drinking water. Primary MCLs are enforceable standards.
EPA Secondary: Non enforceable guidelines regulating contaminants that cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste or odor) in drinking water.
Action Level: Defined in treatment techniques which are required processes intended to reduce the level of a contaminant in drinking water.
7. The EPA has not issued an enforceable federal drinking water standard for PFAS.
8. Analysis by Lab 209. Analytical method: EPA 537.1.

Reported by,

T. Davis

T. Davis, Customer Service Representative

Reviewed by: *SA/P*

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Report #: RS-21-0020
PWSID #: MD0040003

Submitted Sample Address: Chesapeake Village Tower
Submitted Sample Source: Raw sample tap
Date / Time Collected: 2/23/2021 1107
Sample Type: Drinking Water
Sampler/Company: R. Shields 2620RS, WTL of MD
Field Record: Chlorine Residual: Free: <0.1 Total: <0.1 pH: 8.5
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Submitted Sample Source: Raw sample tap
Date / Time Collected: 2/23/2021 1135
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