



DEPARTMENT OF THE NAVY
U.S. NAVAL BASE GUAM
PSC 455 BOX 152
FPO AP 96340 1000

6000
Ser N00/1326
27 Aug 20

From: Commanding Officer, U.S. Naval Base Guam
To: Building Occupants

Subj: NAVAL BASE GUAM - PFAS SAMPLING

1. The safety and health of personnel within the U.S. Naval Hospital property is our top priority. Accordingly, I am informing you of the results of the drinking water testing for well NRMC-1 located on U.S. Naval Hospital property. This sampling was conducted in July 2020 in response to the March 2020 Secretary of Defense Policy for Perfluoroalkyl and Polyfluoroalkyl substances (PFAS) in Department of Defense owned water systems. Based on the sampling results, the total combined Perfluorooctanesulfonic Acid (PFOS) and Perfluorooctanoic Acid (PFOA) parameter tested at 75.5 parts per trillion (ppt) which is above the U. S. Environmental Protection Agency (EPA) Lifetime Health Advisory (HA) level of 70 ppt. The EPA HA level is the health based concentration above which action should be taken to reduce exposure to PFOS and PFOA.
2. While the EPA does not enforce HA levels, Navy policy requires taking action with additional testing and corrective measures if a PFAS sample exceeds the HA in a Navy drinking water system. As our first immediate response, we will be removing the well from use in the drinking water system and provide drinking water from our Fena surface water reservoir until these levels can be reduced below the HA. In addition, another drinking water sample will be collected on Friday, September 4, 2020 to confirm these testing results and to further assist in the evaluation process.
3. I know this issue will generate more questions than this letter can answer. Ordinarily, we would host an Open House public meeting to present this information and allow you to discuss your questions and concerns with our team. Unfortunately, due to COVID-19, the Navy believes that holding a public meeting is not safe at this time. As such, we have attached links to information that will also be posted on the CNIC website for Naval Base Guam. If you have questions, we encourage you to contact our environmental point of contact, Mr. Edward Moon, Installation Environmental Program Director at (671) 339-4100 or by email at edward.moon@fe.navy.mil.
4. Below is a link to the EPA Drinking Water Health Advisories for PFOS and PFOA that provides some additional resources you may find informative:
<https://www.epa.gov/ground-water-and-drinking-water/drinking-water-health-advisories-pfoa-and-pfos>
5. If you have any health questions or concerns, I encourage you to contact your health care provider or our medical representative LTJG Peter Roche, at (671) 339-4062, or by email at peter.m.roche.mil@mail.mil, at the U.S. Naval Hospital.

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**6. In addition, you can learn more about the Navy's PFAS comprehensive strategy at:
<https://www.secnav.navy.mil/eie/pages/pfc-pfas.aspx>**

7. Rest assured that my team and I will be working diligently to find a way to address PFAS in drinking water, and in the interim we will continue to supply an alternate drinking water source. I am committed to the safety and health of all personnel using our facilities and will keep you updated on this issue.

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Date: 2020.06.17 15:29:30 +1000

H. E. SHOLLEY
Acting

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Admin files**

PFAS Sampling Update at Naval Base Guam

Date: 1/22/2021

In accordance with the March 2020 Secretary of Defense Policy for Perfluoroalkyl and Polyfluoroalkyl substances (PFAS) in Department of Defense owned water systems, quarterly PFAS water samples were collected from the NRMCM-1 and NRMCM-2 wells on U. S. Naval Hospital property in December 2020.

PFAS at wells NRMCM-1 and NRMCM-2 remains elevated at 65 ppt and 540 ppt; respectively. Both wells remain off-line and are not in current use. Samples will be collected quarterly at these wells until the PFAS is reduced below the U.S. EPA health advisory level (70 ppt).

Date: 3/11/2021

In accordance with the March 2020 Secretary of Defense Policy for Perfluoroalkyl and Polyfluoroalkyl substances (PFAS) in Department of Defense owned water systems, quarterly PFAS water samples were collected from the NRMCM-1 and NRMCM-2 wells on U. S. Naval Hospital property in February 2021.

PFAS at wells NRMCM-1 and NRMCM-2 remains elevated at 60 ppt and 160 ppt; respectively. Both wells remain off-line and are not in current use. Samples will be collected quarterly at these wells until the PFAS is reduced below the U.S. EPA health advisory level (70 ppt).

Date: 8/31/2021

In accordance with the March 2020 Secretary of Defense Policy for Perfluoroalkyl and Polyfluoroalkyl substances (PFAS) in Department of Defense owned water systems, quarterly PFAS water samples were collected from the NRMCM-1 and NRMCM-2 wells on U. S. Naval Hospital property in June 2021.

PFAS at wells NRMCM-1 and NRMCM-2 remains elevated at 68 ppt and 953 ppt; respectively. Both wells remain off-line and are not in current use. Samples will be collected quarterly at these wells until the PFAS is reduced below the U.S. EPA health advisory level (70 ppt).

Date: 10/26/2021

In accordance with the March 2020 Secretary of Defense Policy for Perfluoroalkyl and Polyfluoroalkyl substances (PFAS) in Department of Defense owned water systems, quarterly PFAS water samples were collected from the NRMCM-1 and NRMCM-2 wells on U. S. Naval Hospital property in September 2021.

PFAS at wells NRMCM-1 and NRMCM-2 remains elevated at 63 ppt and 1790 ppt; respectively. Both wells remain off-line and are not in current use. Samples will be collected quarterly at these wells until the PFAS is reduced below the U.S. EPA health advisory level (70 ppt).

PFAS Sampling Update at Naval Base Guam

Date: 8/19/2022

In accordance with the March 2020 Secretary of Defense Policy for Perfluoroalkyl and Polyfluoroalkyl substances (PFAS) in Department of Defense owned water systems, quarterly PFAS water samples were collected from the NRMCM-1 and NRMCM-2 wells on U. S. Naval Hospital property in August 2022.

PFAS at wells NRMCM-1 and NRMCM-2 remains elevated at 58.5 ppt and 1320 ppt; respectively. Both wells remain off-line and are not in current use. Samples will be collected quarterly at these wells until PFAS is reduced below the U.S. EPA health advisory level of 70 ppt.

Date: 12/15/2022

PFAS water samples were collected from the NRMCM-1 and NRMCM-2 wells on U. S. Naval Hospital property in December 2022.

PFAS at wells NRMCM-1 and NRMCM-2 remains elevated at 48.0 ppt and 787.3 ppt; respectively. Both wells remain off-line and are not in current use.

Date: 3/28/2023

PFAS water samples were collected from the NRMCM-1 and NRMCM-2 wells on U. S. Naval Hospital property in March 2023.

PFAS at wells NRMCM-1 and NRMCM-2 were significantly lower than the December 2022 sampling event and were measured at 2.0 ppt and 1.86 ppt; respectively. It was determined errors occurred in the sample collection so both wells will remain off-line until follow-up samples are collected and analyzed.

Date: 6/22/2023

PFAS water samples were collected from the NRMCM-1 and NRMCM-2 wells on U. S. Naval Hospital property in June 2023. This sampling event and results were a follow up to the March 2023 sampling.

PFAS at wells NRMCM-1 and NRMCM-2 is significantly lower at 36.7 ppt and 41.5 ppt; respectively. Both wells remain off-line and are not in current use. However, the required sampling for these wells no longer applies as they are both now below the U.S. EPA health advisory level of 70 ppt for PFAS. Currently, system treatment technologies are being researched to substantially reduce or eliminate PFAS altogether from the wells. Until that occurs, the wells will not be reconnected to the Navy Water System.