



DELAWARE HEALTH AND SOCIAL SERVICES
 Division of Public Health



December 1, 2021

Austin Calaman
 Lewes Board of Public Works
 107 Franklin Ave
 Lewes, DE 19958

RE: Per-and Polyfluoroalkyl Substance (PFAS) Results for Lewes Board of Public Works (DE0000604)

Dear Mr. Calaman:

The Delaware Department of Natural Resources and Environmental Control (DNREC) in collaboration with the Division of Public Health (DPH), Office of Drinking Water (ODW), has begun statewide sampling of unconfined groundwater in Community Water Systems. The samples collected will be analyzed for a group of human-made chemicals called per-and polyfluoroalkyl substances (PFAS). DNREC and ODW are taking the precautionary step of testing these water sources to determine if steps to protect human health and the environment are needed.

It is not uncommon to find low levels of PFAS in drinking water supplies, as PFAS can be found in firefighting foams, stain repellants, nonstick cookware, waterproof clothing, food wrappers, and many other household products. Since they do not break down in the environment, PFAS can move easily into water and remain in the environment for a long time.

The U.S. Environmental Protection Agency (EPA) has set a Health Advisory Level (HAL) for two PFAS compounds in drinking water: perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS). The HAL is 70 parts per trillion (ppt, equal to 70 nanograms per liter) for PFOA and PFOS combined, or individually if only one is present. The EPA has not set HALs for other PFAS compounds. The State of Delaware currently bases decisions on the 70 ppt HAL.

Groundwater samples were collected by DNREC and analyzed by Eurofins Laboratories; a lab certified to analyze for chemicals such as PFAS. Results of the PFOS and PFOA testing are in the table below. The level is below the EPA's HAL.

Well ID Number	Local ID	PFOS Result	PFOA Result	Units
36869	1A	3.13	1.89	ng/L

DNREC and ODW are committed to helping maintain water quality.

For questions, contact the DPH – Office of Drinking Water at 302-741-8630 or DNREC – Remediation Section at 302-739-2600.

For information on PFAS, visit these websites:



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- State of Delaware website serving as the main resource for public information regarding PFAS in Delaware <https://dnrec.alpha.delaware.gov/waste-hazardous/remediation/pfas/>
- United States Environmental Protection Agency (U.S. EPA) website including basic information, U.S. EPA actions, and links to informational resources <https://www.epa.gov/pfas>

We appreciate your cooperation and assistance with our sampling.

Thank you,

A handwritten signature in blue ink that reads "Todd A. Keyser".

Todd A. Keyser, P.G.
Hydrologist V
DNREC Remediation Section