



OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE

3500 DEFENSE PENTAGON
WASHINGTON, DC 20301-3500

12/7/21

SUSTAINMENT

MEMORANDUM FOR ASSISTANT SECRETARY OF THE ARMY (INSTALLATIONS,
ENERGY AND ENVIRONMENT)
ASSISTANT SECRETARY OF THE NAVY (ENERGY,
INSTALLATIONS AND ENVIRONMENT)
ASSISTANT SECRETARY OF THE AIR FORCE
(INSTALLATIONS, ENVIRONMENT AND ENERGY)
DIRECTOR, NATIONAL GUARD BUREAU (JOINT STAFF, J8)
DIRECTOR, DEFENSE LOGISTICS AGENCY (INSTALLATION
MANAGEMENT)

SUBJECT: Update for Establishing a Consistent Methodology for the Analysis of Per- and Polyfluoroalkyl Substances in Media Other than Drinking Water

The Department of Defense's (DoD) Strategic Environmental Research and Development Program, in partnership with the Environmental Protection Agency (EPA), has recently produced Draft Method 1633 "*Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS*," a single-laboratory validated method to test for 40 PFAS compounds in wastewater, surface water, groundwater, soil, biosolids, sediment, landfill leachate, and fish tissue. EPA and DoD will continue to collaborate to complete a multi-laboratory validation study of the method in 2022.

This memorandum is an update to the Assistant Secretary of Defense for Sustainment memorandum, "*Establishing a Consistent Methodology for the Analysis of Per- and Polyfluoroalkyl Substances in Media Other than Drinking Water*," dated November 22, 2019, and provides guidance on the use of Draft Method 1633 for analysis of PFAS in matrices other than drinking water.

The DoD Environmental Data Quality Workgroup has determined that draft method 1633 meets the precision, accuracy, and limits of quantitation needed to support sound decision-making. All new contracts and task orders after December 31, 2021, shall require the use of Draft Method 1633 for the analysis for PFAS in matrices other than drinking water using a laboratory accredited to the method/matrix/analyte by the DoD Environmental Laboratory Accreditation program (ELAP). All existing projects are encouraged to use Draft Method 1633 for PFAS analysis in matrices other than drinking water when ELAP-accredited laboratories become available.

Laboratories capable of meeting the DoD ELAP requirements applicable to this method can be found at www.denix.osd.mil/edqw/accreditation/accreditedlabs, and by choosing "Draft EPA Method 1633" from the Method dropdown box. Table B- 24 has been added to the DoD/Department of Energy Consolidated Quality Systems Manual (QSM) for Environmental Laboratories, version 5.4 to address this new method.

The point of contact for this matter is Dr. Jordan Adelson, Chair of the EDQW, at 843-794-7270 or jordan.adelson@navy.mil.

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