

| OCTOBER 2022 |

NJDEP to Publish Interim Soil Remediation Standards (SRS) for Four Per- and Polyfluoroalkyl Substances (PFAS)

During the October 11, 2022 Site Remediation Advisory Group meeting, the New Jersey Department of Environmental Protection (NJDEP) presented on its intent to publish interim SRS for four PFAS compounds, perfluorooctanoic acid (PFOA) perfluorooctane sulfonate (PFOS), perfluorononanoic acid (PFNA), and hexafluoropropylene oxide dimer acid (HFPO-DA or GenX). These interim SRS, shown below, will be effective upon publication in the New Jersey Register on October 17, 2022 (unless publication is delayed). NJDEP will publish direct contact SRS for the residential and non-residential exposure scenarios (based on ingestion/dermal only, no inhalation). The agency also confirmed that the migration to groundwater standard will be a site-specific calculation using the Synthetic Precipitation Leaching Procedure calculator in accordance with NJDEP’s Alternative Remediation Standards Technical Guidance for Soil and Soil Leachate for the Migration to Groundwater Pathways (May 2021, v. 1.0) and N.J.A.C. 7:26D.

Compound	CAS No.	Ingestion/Dermal Residential Direct Contact(mg/kg)	Ingestion/Dermal Non-Residential Direct Contact(mg/kg)	Migration to Groundwater(mg/kg)	Soil Leachate: Migration to Groundwater(ng/L)
PFOA	375-95-1	0.047	0.67	AOC/Site-Specific	260
PFOS	335-67-1	0.13	1.8	AOC/Site-Specific	280
PFNA	1763-23-1	0.11	1.6	AOC/Site-Specific	260
HFPO-DA (GenX)	13252-13-6 66203780-3	0.23	3.9	Not Applicable	Not Applicable

To discuss how these interim SRS may affect your project, please contact your Langan Project Manager or:



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PFAS Regulations for Groundwater and other media are continuously evolving on both state and federal levels. For more information on the regulation and remediation of PFAS, please contact one of our PFAS National Practice Leaders.



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