Program	Status	Comments
DEEP Programs		
Program	Status	Comments
Wastewater Permits		
Contact: Ozzie Inglese at	(860) 424-3725 or osv	vald.inglese@ct.gov
Bill No. 837 Public Act No. 21-191	Issued and in effect	An act concerning the use of perfluoroalkyl or polyfluoroalkyl substances in class B Firefighting Foam. As provided by the Act on or after October 1, 2021, no person shall use a class B firefighting foam that contains an intentionally added perfluoroalkyl or polyfluoroalkyl substance for any vapor suppression or firefighting purpose unless such fire is a flammable liquid-based fire and the Commissioner of Energy and Environmental Protection (CTDEEP) fails to identify an alternative to such use on or before July 1, 2021. For any airport-related entity with a facility that utilizes a fire suppression system containing class B firefighting foam that contains an intentionally added perfluoroalkyl or polyfluoroalkyl substance on or before October 1, 2021 mitigation measures shall be employed to prevent releases of such foam into the environment, including the implementation of plans and physical features that are designed to prevent releases of such foam into the environment through the use of containment, treatment and disposal of such foam, event when such foam is deployed in its intended manner. Chemical plants, oil refineries, and flammable liquid terminal, storage, or distribution facilities may apply to DEEP for an extension of up to two years in order to comply. Complete the <u>Request for</u> <u>Extension of Class B PFAS Firefighting Foam Use</u> and email it to <u>DEEP.MarineTerminals@ct.gov</u> . Approvals/rejections will be emailed. No later than October 1, 2021, the Commissioner of CTDEEP shall develop or identify a take-back program for municipally owned class B firefighting foam containing perfluoroalkyl or polyfluoroalkyl substances that results in the application of best management practices for the disposal of such substances.

Program	Status	Comments
Comprehensive	NO CHANGE	The purpose of the Comprehensive General Permit is to provide a single general permit that will
General Permit for	Effective 3/30/18	encompass discharges from the General Permit for the Discharge of Water Treatment Wastewater,
Discharges to Surface	Expires 3/29/2023	General Permit for the Discharge of Minor Non-contact Cooling and Heat Pump Water, and the
Water and		General Permit for the Discharge of Hydrostatic Pressure Testing Water. The Comprehensive General
Groundwater		Permit will also include coverage for discharges of <i>fire suppression testing wastewater</i> , hydrant
		flushing wastewater, potable water system tank and pipeline draining wastewater, and boiler blowdown
		wastewater (to groundwater only).
		The Swimming Pool GP has been reissued for two more years (expires August 05, 2021) without any
		changes or re-registration required. It is the intent to eventually consolidate this general permit into the
		Comprehensive GP in the future.
MIU General Permit	NO CHANGE	This general permit is issued under the authority of section 22a-430b of the Connecticut General
(formerly known as		Statutes.
MISC Wastewater	Issuance Date:	https://portal.ct.gov/DEEP/Water-Regulating-and-Discharges/Industrial-Wastewater/Industrial-
General Permit)	Sept. 29, 2020	Wastewater
	Effective Date:	
	October 31, 2020	This general permit authorizes discharges of Miscellaneous Industrial User (MIU) wastewater to a
	Expiration Date:	Publicly Owned Treatment Works (POTW) from an Industrial User which is not a Significant
	October 30, 2025	Industrial User, as defined in this general permit, and where such wastewater is:
		• conveyed by sanitary sewer; or
		• transported by a licensed waste hauler in accordance with Section 5(e)(4) of this general permit.
		https://portal.ct.gov/DEEP/Permits-and-Licenses/Water-Discharge-Permits-and-General-Permits

Program	Status	Comments
SIU General Permit (formerly known as the General Permit for the Discharge of Wastewaters from Categorical Industrial Users to a Publicly Owned Treatment Works (POTW))	NO CHANGE Issuance Date: October 30, 2020 Effective Date: October 31, 2020 Expiration Date: October 30, 2025	This general permit is issued under the authority of section 22a-430b of the Connecticut General Statutes. https://portal.ct.gov/DEEP/Water-Regulating-and-Discharges/Industrial-Wastewater/Industrial-Wastewater Provided the requirements of Section 3(b) of this general permit are satisfied, this general permit authorizes the following indirect discharges from a Significant Industrial User, as defined in this general permit, to a Publicly Owned Treatment Works (POTW) via sanitary sewer or through transport by a licensed waste hauler in accordance with Section 5(e)(4) of this general permit: (1) Metal finishing wastewater, as defined in this general permit; and/or (2) Process and non-process wastewater that is not subject to Categorical Pretreatment Standards under 40 CFR 403.6 and 40 CFR Chapter I, subchapter N. Any discharge of water, substance or material into the waters of the state other than those specified in this section is not authorized by this general permit, and any person or municipality which initiates, creates, originates or maintains such a discharge shall apply for and obtain authorization under section 22a-430 of the Connecticut General Statutes prior to the occurrence of such discharge. https://portal.ct.gov/DEEP/Permits-and-Licenses/Water-Discharge-Permits-and-General-Permits
Stormwater Permits	REMINDER to	Construction and Industrial Stormwater General Permits - Effective January 20, 2016, DEEP's ezFile
<u>Contact</u> : the	set up user	on-line system should be used to submit stormwater construction and industrial general permit
stormwater group at	accounts in ezFile	registration(s). Please refer to the Construction Stormwater web page or the Industrial Stormwater
860-424-3025 or	and subscriber	web page for details on using ezFile.
DEEP.StormwaterStaff	agreements for	
@ct.gov	both ezFile and	
	NetDMR.	

Program	Status	Comments
Industrial Stormwater	<mark>NO CHANGE</mark>	The current industrial general permit became effective on October 1, 2011. It was most recently
General Permit	Permit effective	reissued without modifications on October 1, 2019 and will expire on September 30, 2021. The DEEP is
	October 1, 2021	proposing to continue permit authorization by issuing this notice to reissue the industrial general permit <i>without modifications</i> for the period beginning on October 1, 2021 and expiring on September 30,
	<i>without</i>	2024.
	modifications	2024.
	<u>posted</u>	The Department intends to reissue a new industrial general permit <i>with modifications</i> prior to the expiration of this proposed reissued general permit <i>without modifications</i> . The Department will seek
	Expires September	public comment on a notice of tentative decision to reissue the industrial general permit with
	30, 2024	modifications by July 2022.
	No renewal	
	registration is	For more information, go to: https://portal.ct.gov/DEEP/Water-Regulating-and-
	required for	Discharges/Stormwater/Industrial-Stormwater-GP
	existing sources.	

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Stormwater and Dewatering	NO CHANGE	The Department of Energy & Environmental Protection (DEEP) hereby gives notice of the reissuance with modifications of the General Permit for the Discharge of Stormwater and Dewatering
Wastewaters from Construction Activities	Issued: 12/21/2020;	Wastewaters from Construction Activities (construction general permit). The reissued construction general permit will be effective December 31, 2020.
	Effective Date: 12/31/2020 Renewal registration is required within 120 days.	The Public Notice of Tentative Decision to modify the construction general permit was published in newspapers statewide on December 31, 2019 and January 2, 2020 and a public informational meeting was held on January 8, 2020. Two hundred and four (204) comment letters or emails and a petition for hearing were received during the 45-day comment period for the general permit. Staff from the Water Permitting and Enforcement Division met with a workgroup of consulting engineers, representatives from the solar industry, and other intervening parties from June to October 2020 to reach agreement on the final construction general permit. The petition for hearing was withdrawn on October 23, 2020.
	Notice of Reissuance of the General Permit for	Further information on the general permit and a Response to Comments is available on the DEEP website at https://portal.ct.gov/DEEP/Water-Regulating-and-Discharges/Stormwater/Construction-Stormwater-GP.
	the Discharge of Stormwater and Dewatering Wastewaters from	Current Permittees Under the construction general permit Permittees currently authorized to discharge under the construction general permit must submit a reregistration electronically via DEEP's eZFile portal within 120 days of the date of issuance of the general permit in order to continue authorization.
	Construction Activities	For more information, search for 'construction stormwater' on the DEEP website.

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Stormwater Associated with Commercial Activity	NO CHANGE Reissued 9/10/2020 Expires 5/14/2022	The DEEP will be reissuing without modifications for two years – no registration required for existing registrants. Registrants are expected to comply with the terms and conditions of the current Commercial Stormwater General Permit in the interim until such time the reissued general permit becomes effective. The current commercial general permit became effective on May 15, 2017 and expired on May 14, 2020. The DEEP is proposing to continue permit authorization by issuing a notice to reissue the commercial general permit without modifications for the period beginning on the date of issuance by the Commissioner and expiring on May 14, 2022.
		For more information, go to: <u>https://portal.ct.gov/DEEP/Water-Regulating-and-</u> <u>Discharges/Stormwater/Commercial-Stormwater</u>
Water Diversion Program <u>Contact</u> : Land and Water Resources Division at (860) 424- 3019	LINK ADDED 2020 Annual Water Use Reporting Form for reporting of both registered and permitted diversions 2022 water use forms posted on website for 2021 reporting year https://portal.ct.go v/DEEP/Water/ Diversions/Water- Diversion- Reporting	July 14, 2020 – Letter from the Commissioner Re Notice of Availability of Forms for the Reporting of Operating Data for Registered Diversions and Submission Deadline In accordance with Section 22a-368a of the General Statutes of Connecticut, the Commissioner of the Connecticut Department of Energy and Environmental Protection hereby gives notice that a form for the reporting of operating data for water diversions registered pursuant to Section 22a-368 CGS is available on-line at www.ct.gov/deep/waterdiversionreporting. The deadline for diversion registrants to submit their first completed reporting form was January 31, 2021. This form will contain daily diversion operating data for the year 2020. All registrants expected to submit annual reports were mailed individual notices dated September 30, 2019. Anyone requiring more information regarding this matter may visit the Department's Water Diversion Reporting website at www.ct.gov/deep/waterdiversionreporting or contact the Department by email at deep.waterdiversionreporting@ct.gov or by phone at 860-424-3020. Department staff has limited access to phones during the on-going health crisis therefore email contact is preferred. NOTE: In light of COVID-19, timely renewal for individual diversion permits has been reduced to 30 days prior to expiration.

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Water Quality Standards <u>Contact</u> : Bureau of Water Protection and Land Reuse at (860) 424-3020	NO CHANGE Triennial Review Process underway?	 9/17/2020 From Phil Trowbridge (since retired): "DEEP is currently finalizing our response to comments on the list of topics to be considered for rule changes. After that, we will need to submit the document to EPA for approval. Once approved, we will post the document on our website and email all those who commented. I expect that we will be done with these steps by the end of the year. The next step after that would be to start the rulemaking process for making changes to the standards, which is a long process by itself." Topics under Consideration for Revision within the WQS Regulations include Updates to Numeric Water Quality Criteria, Revise the Low Flow Statistic Applicable to Fresh Waters, Extended Disinfection Period, Define Highest Attainable Use, Downstream Protection, and Water Quality Classification Maps. More information including the public comments can be found at https://www.ct.gov/deep/cwp/view.asp?a=2719&q=325618&deepNav_GID=1654 or by searching the DEEP website for "water quality standards".
EPA Programs		the DEEP website for water quality standards .
PFOA, PFOS and Other PFASs	On-going EPA Announces Nationwide Monitoring Effort to Better Understand Extent of PFAS in Drinking Water EPA's PFAS website at https://www.epa.g ov/pfas	 WASHINGTON (Dec. 20, 2021) – Today, the U.S. Environmental Protection Agency (EPA) finalized the Fifth Unregulated Contaminant Monitoring Rule (UCMR 5) to establish nationwide monitoring for 29 per- and polyfluoroalkyl substances (PFAS) and lithium in drinking water. This action is essential to addressing the public health and environmental risks of PFAS in drinking water and marks a significant milestone in EPA's PFAS Strategic Roadmap. "At EPA, we are advancing the science and the monitoring that are necessary to protect all communities from PFAS," said EPA Administrator Michael S. Regan. "With the data provided by this rule, EPA will be able to develop better regulations while the agency, states, and our local partners will be able to make protective public health decisions that are grounded in science." EPA uses the Unregulated Contaminant Monitoring Rule to monitor for priority unregulated contaminants in drinking water every five years. UCMR 5 will collect new data on 29 PFAS that is needed to improve EPA's understanding of the frequency and magnitude at which these chemicals are found in the nation's drinking water systems. Additionally, expanded monitoring in UCMR 5 will improve EPA's ability to conduct state and regional assessments of contamination. This will enable analyses of potential Environmental Justice impacts on disadvantaged communities. This data will also

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		serve as a potential source of information for systems with infrastructure funding needs for emerging contaminant remediation.
		The Safe Drinking Water Act (SDWA), as amended by America's Water Infrastructure Act of 2018, now requires all drinking water systems serving between 3,300 and 10,000 people to participate in UCMR and specifies that a representative sample of systems serving fewer than 3,300 people participate, subject to the availability of appropriations and sufficient laboratory capacity. If the necessary funds are appropriated, the UCMR 5 will significantly expand the number of small drinking water systems participating in the program, which should provide more Americans with a better understanding of potential contaminants in their drinking water. The rule requires participating drinking water systems to collect samples from 2023-2025 and report final results through 2026. The Strategic Roadmap delivers on the agency's mission to protect public health and the environment and answers the call for action on these persistent and dangerous chemicals. Today, alongside the release of the Roadmap, the agency is announcing a new national testing strategy that requires PFAS manufacturers to provide the agency with toxicity data and information on categories of PFAS chemicals. The PFAS to be tested will be selected based on an approach that breaks the large number of PFAS today into smaller categories based on similar features and considers what existing data are available for each category. EPA's initial set of test orders for PFAS, which are expected in a matter of months, will be strategically selected from more than 20 different categories of PFAS that fall within these categories.
		More information on UCMR 5 may be found at: <u>https://www.epa.gov/dwucmr/fifth-unregulated-contaminant-monitoring-rule</u> .
		Background
		In April 2021, Administrator Regan established the EPA Council on PFAS to address the dangerous impacts of PFAS contamination and meet the needs of EPA's partners and communities across the United States. To date, under the Biden-Harris Administration, EPA has:

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		Launched a national PFAS testing strategy.
		 Restarted rule development process for designating PFOA and PFOS as CERCLA hazardous substances.
		• Built momentum to set national primary drinking water standard for PFOA and PFOS,
		• Announced actions to stop companies from dumping PFAS into America's waterways.
		• Formed a workgroup to champion regulating PFAS as categories.
		• Proposed a rule to expand data collection efforts on PFAS.
		• Started planning to conduct expanded nationwide monitoring for PFAS in drinking water.
		• Announced robust review process for new PFAS.
		Released preliminary Toxics Release Inventory data on PFAS.
		• Updated a toxicity assessment for PFBS after rigorous scientific review.
		• Released a draft PFBA toxicity assessment for public comment and external peer review. For more information on CWA Analytical Methods for PFAS, visit:
		https://www.epa.gov/cwa-methods/cwa-analytical-methods-and-polyfluorinated-alkyl-substances-
		pfas. For Frequent Questions about PFAS Methods for NPDES Permits, visit:
		https://www.epa.gov/cwa-methods/frequent-questions-about-pfas-methods-npdes-permits.
		On November 4, 2019, Governor Ned Lamont officially released the finalized PFAS Action Plan prepared by the Connecticut Interagency PFAS Task Force. CT PFAS Action Plan and more information available on www.ct.gov/ctpfastaskforce . As of August 2020, DEEP and the Department of Emergency Services and Public Protection (DESPP) have begun planning for the take- back and safe disposal of aqueous film-forming foam (AFFF) containing PFAS from state and municipal fire departments. In addition, DEEP is developing a Geographic Information System (GIS) project specific to potential PFAS sources for use as a tool to evaluate the vulnerability of sensitive receptors, including drinking water supplies and surface water bodies, to PFAS pollution. This GIS project will assist DEEP and DPH in prioritizing future site investigations throughout the state. Furthermore, DEEP is planning initial testing at about one third of the state's wastewater treatment plants. This testing will include analysis of influent to and effluent from the treatment facilities.

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Waters of the United	On-going Litigation	 For more information on steps being taken by DEEP and DPH, please contact: Shannon Pociu - CT DEEP Remediation Division Lori Mathieu -CT DPG Environmental Health and Drinking Water Branch Pat Bisacky- CT DPH Drinking Water Section WASHINGTON (Nov. 18, 2021) – Today, the U.S. Environmental Protection Agency (EPA) and U.S. Department of the Army (the agencies) announced a proposed rule to re-establish the pre-2015
States (WOTUS) Rulemaking	EPA and Army Take Action to Provide Certainty for the Definition of WOTUS Please visit <u>https://www.epa.</u> <u>gov/nwpr</u> for more information.	 b) Department of the Variev (the agencies) annotation a proposed rule to re-establish the pre-2013 definition of "waters of the United States" (WOTUS) which had been in place for decades, updated to reflect consideration of Supreme Court decisions. This action advances the agencies' goal of establishing a durable definition of WOTUS that protects public health, the environment, and downstream communities while supporting economic opportunity, agriculture, and other industries that depend on clean water. This proposed rule would support a stable implementation of "waters of the United States" while the agencies continue to consult with states, Tribes, local governments, and a broad array of stakeholders in both the implementation of WOTUS and future regulatory actions. "In recent years, the only constant with WOTUS has been change, creating a whiplash in how to best protect our waters in communities across America," said EPA Administrator Michael S. Regan. "Through our engagement with stakeholders across the country, we've heard overwhelming calls for a durable definition of WOTUS that protects the environment and that is grounded in the experience of those who steward our waters. Today's action advances our process toward a stronger rule that achieves our shared priorities." "The Army recognizes the importance of our nation's water resources and the role water plays in our communities across the nation," said Acting Assistant Secretary of the Army for Civil Works Jaime A. Pinkham. "We remain committed to working with EPA to develop a rule that is informed by our experience and expertise, as well as that of our co-regulators, is mindful of implementation practices, and is shaped by the lived experience of local communities and stakeholders." Recent court decisions have reinforced the need for a stable and certain definition of WOTUS. The U.S. District Courts for both Arizona and New Mexico have vacated the Navigable Waters Protection Rule. In light of the court action

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		the rules of the road for a stable implementation of "waters of the United States" while the agencies continue to consult with stakeholders to refine the definition of WOTUS in both implementation and future regulatory actions.
		The proposed rule would maintain the longstanding exclusions of the pre-2015 regulations as well as the exemptions and exclusions in the Clean Water Act on which the agricultural community has come to rely.
		EPA and Army conducted extensive pre-proposal engagement, including Federalism and Tribal consultation, to help inform the content of the proposed rule. The agencies are taking comment on this proposed rule for 60 days beginning on the date it is published in the Federal Register.
		For more information on submitting written comment on the proposal or to register for the virtual public hearings on the proposed rule, see <u>www.epa.gov/wotus</u> .
Water Quality	Ninth Circuit	October 7, 2021 - In a major victory for clean water utilities, the U.S. Court of Appeals for the Ninth
Standards Variances	Upholds Montana Nutrients Variance in Significant Win for Clean Water	Circuit this week affirmed that states <u>can</u> take compliance costs into account when setting Clean Water Act (CWA) water quality standards variances, and that such variances do not have to ultimately result in attainment of the underlying water quality standard by the end of the variance's term.
	Community Source: <u>Ninth</u> <u>Circuit Upholds</u>	Siding with arguments made by NACWA, the Montana League of Cities and Towns (League), the U.S. Department of Justice, and the Montana Department of Environmental Quality, the three-judge panel in Upper Missouri Waterkeeper v. EPA unanimously rejected claims made by environmental organizations that the CWA precludes consideration of compliance costs in the development of water
	<u>Montana</u>	quality standards.
	Nutrients Variance in Significant Win for Clean Water	Many wastewater treatment plant variances are premised upon the widespread economic harm implementation of the stringent underlying standards would cause to communities. The Ninth Circuit's affirmation that such variances are lawful and actually further the overall aims of the CWA therefore provides critical judicial precedent in support of municipal variances throughout the country.
	<u>Community</u> (nacwa.org)	

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		The panel likewise rejected the holding of the U.S. District Court of the District of Montana that water quality standards variances must require that permittees meet the "highest attainable condition" set by the variance immediately, and ultimately comply with the more stringent underlying water quality standard by the end of the variance's term. That holding significantly nullified the usefulness of variances, which are utilized by states where it is in fact unclear if clean water utilities can ever meet the underlying standards.
		Holding that such an interpretation of what water quality standards variances require "reflects a misunderstanding of the nature and purpose of a variance," the Ninth Circuit pointed to arguments NACWA and the League made throughout the case that variances are specifically designed to result in incremental water quality improvements in a manner that is "fully consistent with the goals of the CWA."
Drinking Water	On-going EPA Advances Science to Protect the Public from PFOA and PFOS in Drinking Water	WASHINGTON (Nov. 16, 2021) – Today, the U.S. Environmental Protection Agency (EPA) is asking the agency's Science Advisory Board to review draft scientific documents regarding the health effects of certain Per- and Polyfluoroalkyl Substances (PFAS). EPA is committed to science-based approaches to protect public health from exposure to Perfluorooctanoic acid (PFOA) and Perfluorooctane sulfonic acid (PFOS), including by quickly updating drinking water health advisories with new peer- reviewed approaches and expeditiously developing National Primary Drinking Water Regulations for these contaminants.
		"Under our new PFAS Strategic Roadmap, EPA is moving aggressively on clear, robust, and science- based actions to protect communities suffering from legacy PFOA and PFOS contamination," said EPA Administrator Michael S. Regan. "This action will ensure a rigorous review from experienced scientists to strengthen our understanding of this preliminary information as the agency works toward developing revised health advisories for PFOA and PFOS, and soon establishing regulations that protect communities from these contaminants."
		EPA has transmitted to the Science Advisory Board four draft documents with recent scientific data and new analyses that indicate that negative health effects may occur at much lower levels of exposure to PFOA and PFOS than previously understood and that PFOA is a likely carcinogen. The draft documents present EPA's initial analysis and findings with respect to this new information.

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		Following peer review, this information will be used to inform health advisories and the development of Maximum Contaminant Level Goals and a National Primary Drinking Water Regulation for PFOA and PFOS. EPA is now seeking independent scientific review of these documents. EPA is making these draft documents available to the public to ensure a transparent and robust evaluation of the available information.
		EPA will not wait to take action to protect the public from PFAS exposure. The agency will be actively engaging with its partners regarding PFOA and PFOS in drinking water, including supporting their monitoring and remediation efforts. Importantly, the Bipartisan Infrastructure Law, signed by President Biden on November 15, 2021, invests \$10 billion to help communities test for and clean up PFAS and other emerging contaminants in drinking water and wastewater, and can be used to support projects in disadvantaged communities.
		EPA will move as quickly as possible to issue updated health advisories for PFOA and PFOS that reflect this new science and input from the SAB. Concurrently, EPA will continue to develop a proposed PFAS National Primary Drinking Water Regulation for publication in Fall 2022.
		For more information, visit <u>www.epa.gov/pfas</u> .