

MassDEP 2022

- Once again, thanks to Our Health Officers!
- Issues today:
 - MassDEP Work and Opportunities
 - Climate Priorities
 - Solid Waste Master Plan Implementation
 - Nitrogen Sensitive Areas
 - PFAS
 - Sewer Overflow Notification Law
 - Environmental Justice



MassDEP 2022

- MassDEP Work in 2022
- MassDEP Website: mass.gov/dep
- Ongoing Transition to Hybrid workplace
- Hiring opportunities: MassCareers
- New Training Opportunities in 2023



MassDEP 2022

- Climate Change
 - Climate Legislation of 2021
 - New Goals
 - Environmental Justice; Cumulative Impacts
 - <https://www.mass.gov/info-details/cumulative-impact-analysis-in-air-quality-permitting>
 - Commonwealth's Clean Energy and Climate Plan
 - Building sector
 - Transportation
 - Resiliency & Wetlands



2020-2030 Solid Waste Master Plan

- The 2020-2030 Solid Waste Master Plan (SWMP):
 - Establishes the Commonwealth’s policy framework for reducing and managing solid waste.
 - Proposes a broad vision and strategies for how the Commonwealth will manage our waste over the next decade and beyond.
 - Is prepared in accordance with the requirements of Massachusetts General Law Chapter 16, Section 21.



SWMP Plan Highlights

- **Sets aggressive disposal reduction goals for 2030 and 2050 supported by new strategies**
 - 2030 Disposal Reduction Goal of 1.7 million tons/year
 - 2050 Disposal Reduction Goal of 5.1 million tons/year
 - Aligns efforts with Commonwealth Climate Goals by efforts to address emissions
- **Expands successful Food Waste Reduction Program**
 - Set more aggressive goals for further reduction of food waste by 500,000 tons annually
- **New Bans for Mattresses and Textiles – Effective November 1, 2022**
 - Implement new bans on mattresses and textiles
 - Expand ban on organic materials
 - Bans supported by established and enhanced assistance, outreach and market development programs
 - Increase inspections and enforcement of current bans



SWMP Plan – Municipal Resources

- Sustainable Materials Recovery Program Grants
- Recycling Dividends Program
- Municipal Assistance Coordinators
- State contracts – FAC 90 for mattresses
- The Green Team/RecyclingWorks in Massachusetts
- Municipal mattress management options
 - <https://www.mass.gov/guides/massdep-waste-disposal-bans#-municipal-compliance-assistance->



Nitrogen Sensitive Areas

- MassDEP Presentation this Morning
- Discussions in Summer of 2022
- Planning draft rules for this fall





Many estuaries do not meet the Massachusetts Water Quality Standards, resulting in an "impaired" listing and requiring development of Total Maximum Daily Load (TMDL).

This is an **environmental problem and economic problem** because it causes a decline in:

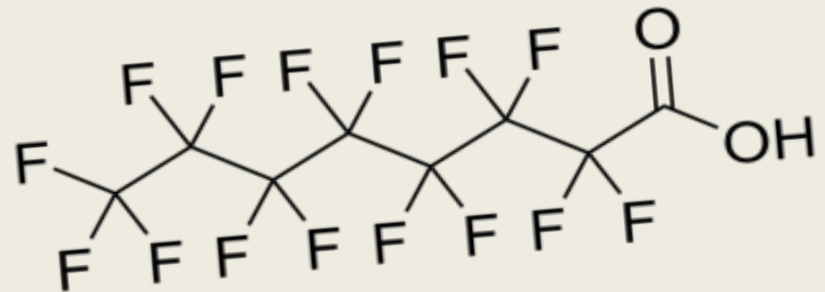
- Fishing
- Shellfishing
- Recreational opportunities
- Tourism
- Real Estate Values
- Business

Unaddressed this problem will become worse



PFAS: A Unique Challenge

- Poly- and perfluoroalkyl Substances
- **Extremely stable** – heat & stain resistant, water repellent
- **“Forever chemicals”** - persistent, do not biodegrade
- **Water Soluble**



PFAS

PFAS detected in drinking water supplies in Massachusetts

TOP

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- 3 PFAS detections and responses by public water systems

MassDEP recently adopted a drinking water standard limiting the sum of six specific PFAS to no more than 20 parts per trillion. Together, these six PFAS are referred to as "PFAS6." The following interactive map displays locations where public water systems have detected the sum of these six state-regulated PFAS at levels over 20 parts per trillion in "finished" water, or in water that is made available

Public Water System PFAS Detection and Response Actions

Public Water Systems (PWS) who detected PFAS6 over the Maximum Contaminant Level (MCL) in their finished water and thei...

LEGEND

Public Water Systems type

TYPE

- Community water syste
- Non-transi
- Non-community Water Syst
- Transient community Water Syst

Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS | Powered by Esri

PWS detected PFAS6 above 20 ppt

- 28 Hasting Street Corp
- 330 Codman Hill Road
Boxborough
- 85 Swanson Rd LLC
- Abington/Rockland Joint
Water Works
- Acton Water District
- American Aquafer
- Andrews Farm Water Co.,
Inc
- Applewood Community
Corporation
- Aquarion Water Company,
Millbury
- Arnold's Restaurant

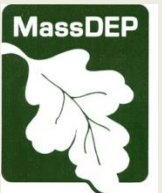
Group | PWS types | More info

Feedback



PFAS

- MassDEP and DPH Presentation this Afternoon
- USEPA Actions in 2022 (and Beyond)
- Participation in Legislative Task Force
- Ongoing work with “Residuals”
- Site Discovery



Sewer Overflow Notification Law

- **New Statute signed into Law January 2021**
- **Addresses Combined Sewer Overflow (CSO) issues in rivers**
- **establishes requirements and procedures for notifying the public of sewage discharges and overflows into the surface waters of the Commonwealth**
- **Dischargers will be required to notify the public of discharges of certain types of untreated or partially treated wastewater, including discharges that fall into the categories of CSOs, sanitary sewer overflows (SSOs), and blended wastewater.**
- **Regulations in place January, 2022; effective July 1, 2022.**



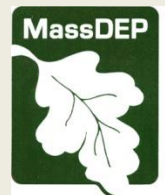
Sewer Overflow Notification Law

- Requires notifications to be issued within two hours of the discovery of discharge, and specify which notices must go to specific local, state, and federal government agencies, news organizations, and any individual who has subscribed to receive such notifications.
- **The regulation will also require municipal boards of health or health departments to issue public health warnings under certain circumstances.**



Sewer Overflow Notification Law

Actions	Report Number	Incident Date	Incident Time	AM or PM	Permittee Name	Water Body
DETAILS	22000461	9/6/22	unknown	AM	CITY OF CHICOPEE	CONNECTICUT
DETAILS	22000025	7/12/22	6:15	PM	SPRINGFIELD WATER & SEWER COMMISSION	CONNECTICUT
DETAILS	22000059	7/13/22	unknown	PM	CITY OF CHICOPEE	CHICOPEE R.
DETAILS	22000116	7/28/22	10:06	PM	LOWELL REGIONAL WASTEWATER UTILITY	MERRIMACK R
DETAILS	22000124	7/28/22	8:00	PM	SPRINGFIELD WATER & SEWER COMMISSION	CHICOPEE R.
DETAILS	22000627	9/22/22	2:05	PM	CITY OF NEW BEDFORD	OUTER NEW B
DETAILS	22001145	10/17/22	2348	PM	LOWELL REGIONAL WASTEWATER UTILITY	MERRIMACK R
DETAILS	22001068	10/14/22	8:15	AM	CITY OF SOMERVILLE	ALEWIFE BROO
DETAILS	22000200	8/9/22	18:31	PM	CITY OF FALL RIVER	MOUNT HOPE
DETAILS	22000183	8/9/22	7:00	PM	CITY OF NEW BEDFORD	OUTER NEW B



Environmental Justice

- **Climate Legislation: Definitions and Cumulative Impacts**
- **Federal Initiatives: New Office and Resources at USEPA.**
- **MassDEP: Enhanced Outreach to EJ communities for permits and other activities**



Thank You and Questions

