

# Waste Site Cleanup Advisory Committee

April 28, 2022

*Agenda (times are approximate)*

9:00 am General updates

9:15 PFAS-related updates, PFAS Task Force report

9:30 Study of background levels of PFAS in soil from locations across Massachusetts -- Woodard and Curran

10:30 update on soil disposal capacity discussions

*\* This meeting is being recorded.*



# General Program Updates

- Status of work, office moves & hiring
- MCP amendments
- Technical Assistance Grants – *new round*
  - if interested, email [BWSC.Information@mass.gov](mailto:BWSC.Information@mass.gov)



# Lower Neponset River Added to Superfund NPL

March 16, 2022

<https://www.epa.gov/superfund/lowerneponset>



# PFAS Public and Private Well Sampling

- Free sampling programs preparing for end of contract/funding in June.



# Public Water Supply Testing

<https://www.mass.gov/info-details/per-and-polyfluoroalkyl-substances-pfas#pfas-detected-in-drinking-water-supplies-in-massachusetts->

## MassDEP addressing PFAS contamination

Projects by Public Water Systems PWS in Massachusetts to address PFAS contamination. This story map consists of clickable seven tabs that present interactive maps, dashboards and photographs that describe the efforts by MassDEP and the PWSs to address PFAS contamination.

PFAS information



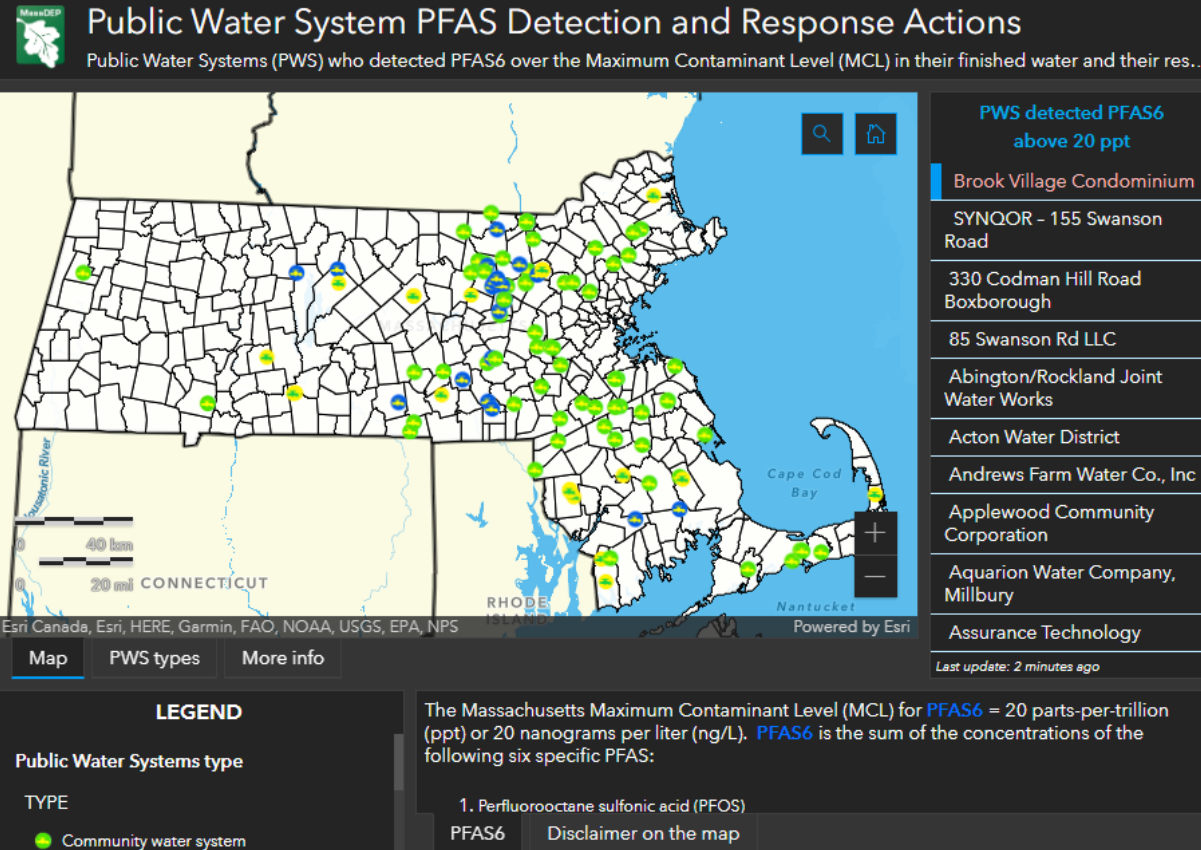
### 1 Introduction

### 2 Testing

### 3 Public Water Systems Tested

### 4 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 for public use.



- 1,028 PWS (Community and Non-Community) have tested for PFAS (1,468 PWS are required to test)
- 116 PWS have detected PFAS6 in finish water > 20 ng/l
- Details of PWS response -- Tab 4 of [storymap](#)
- PWS PFAS testing results are available at [EEA data portal](#). Search under the chemical name: "PFAS6"

# Private Well Sampling Program

- Program involves 85 communities with > 60% residents use private wells
- 4,677 homeowners have applied for the free sampling from the 85 towns
- 1,766 homeowners are now sampling/ready to sample
- We have results from 1,262 private wells
  - 95% are below the MCL
  - 7 private wells have tested ***through this program*** with results above the 90 ng/l Imminent Hazard level
  - About 200,000 private wells in MA serving 600,000 residents





# PFAS in the Commonwealth of Massachusetts

FINAL REPORT OF THE PFAS INTERAGENCY TASK FORCE

APRIL 2022



## PFAS Interagency Task Force Final Report -- issued 4/20

- Press conference

<https://malegislature.gov/Events/Hearings/Detail/4271>

- Final Report

<https://malegislature.gov/Commissions/Detail/556/Documents>

- Fund PFAS Detection & Remediation
- Support Environmental Justice Communities
- Phase Out PFAS in Consumer Products
- Expand PFAS Regulation
- Encourage Private Well PFAS Testing & Remediation
- Support Firefighters and Local Fire Departments
- Address PFAS Contamination & Accountability
- Enhance Public Awareness of PFAS

# PFAS Legislative Task Force Report

8 strategies & 30 recommendations



# Soil Management Issues

Paul Locke

Acting Deputy Commissioner – Policy & Planning

## Suggestions (from you, December 2021) - What MassDEP Can/Should Do

- ~~• Change COMM-15 to allow <RCS-2 Remediation Waste to go to COMM-15 facilities~~
- Adjust COMM-97 to allow higher concentrations (take pressure off Subtitle D facilities)
- Facilitate soil re-use ACROSS projects as well as within a project – allow coordinated cut/fill projects
  - Figure out how to deal with liability issues
- Allow (COMM-97 or other) soil to be re-used at other 21E sites using ACO approach (e.g. use to raise grade to address sea level rise & resiliency – cap & AUL)
- Allow more re-use of treated soils rather than disposal in landfills
- “relax” landfill expansion regulations (in site-specific situations)
- Redefine “active track bed” to allow re-use of soil at train layover facilities, under buildings, parking lots, etc...
- Expand the market for post-process materials
- Simplify the soil recycling regulatory environment (SW, 21E, HW overlaps)

# Thoughts On Moving Soil from One Site to Another

## MassDEP is still considering options, but...

- There should be a need for the soil at the receiving location  
It should not be a “kick-the-soil(can) down the road” scenario
  - Not merely a consolidation of similarly contaminated soil
  - Not a (temporary) stockpiling scenario
  - Not *“it will only work economically if...”*
- The use of the soil at the receiving location has to be consistent with a Permanent Solution there.
- The owner of the receiving property must be VERY AWARE of what they are agreeing to.

	Same PRP Same 21E Site	Same PRP Different 21E Site	Different PRP Different 21E Sites	Same PRP 1 21E Site & 1 Not-a-Site	Different PRPs 1 21E Site & 1 Not-a-Site
< RCS-1	✓	✓	✓	✓	✓
<RCS-2	✓	Easier			
<COMM-97	✓				
> COMM-97	✓				<b>REALLY HARD</b>
Haz Waste	✓	Nope – Hazardous Waste plays by its own (state & federal) rules...			
Soil w/ACM	✓	Aarrggg. ACM rules also make this more complicated/harder...			