

BWSC Office Hours

December 21, 2023

** This meeting is being recorded.*



Updates

- General
- MCP amendments implementation
- PFAS federal MCL



MCP 2024 amendments

- Training
 - MassDEP staff training is underway
 - LSP training dates have been announced by LSPA
 - 4-hour in person session, January 11th, (Parts 1 and 2), Westborough
 - 2-hour Part 1 (non-Subpart I), online, January 23
 - 2-hour Part 2 (Subpart I), online, January 30
- Shortforms corrections



2024 MCP Amendments Implementation

<https://www.mass.gov/lists/mcp-amendments#final-2024-mcp-revisions>

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MCP Amendments

This page contains information on final 2024 revisions to the Massachusetts Contingency Plan.

2024 Revisions to the Massachusetts Contingency Plan (310 CMR 40.0000)

REGULATORY DOCUMENTS PUBLISHED SEPTEMBER 1, 2023; EFFECTIVE MARCH 1, 2024

MassDEP has filed final 2024 revisions to the Massachusetts Contingency Plan (MCP) with the Secretary of State for final promulgation and publication in the *Massachusetts Register*.

On September 1, 2023, a notice was published in the Massachusetts Register with a link to this page. The 2024 revisions will take effect on **March 1, 2024**, on which date the revised MCP will be published in full in the *Massachusetts Register*.

Included below are: a "clean" version of the 2024 revised MCP; a redline version of the 2024 revised MCP showing changes from the current (2019) regulations; and a redline version of the 2024 revised MCP showing changes that were made from the 2019 public hearing draft. These documents are unofficial versions of the amendments made available until the official version of the 2024 MCP is published in the *Massachusetts Register*.

In anticipation of the March 1, 2024 effective date, MassDEP staff will be conducting outreach and training to our staff, LSPs, and the regulated community and posting guidance and supporting materials as they become available.

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- Redline/Strikeout Comparisons
- Summary of Changes Adopted in the Final 2024 MCP Revisions
- Related Information

Related Information

Summary of Numerical Standard Changes

The document below summarizes changes to MCP numerical standards that take effect on March 1, 2024. Prior to March 1, 2024, the revised Method 1 Groundwater and Soil Standards (Tables 1 through 4) and the revised Method 2 Soil Standards (Table 5) may be used as part of an MCP Risk Characterization pursuant to 310 CMR 40.0982(7).

[Summary of Changes to MCP Numerical Standards](#)

Updated Shortforms

The Method 3 Human Health Risk Assessment shortforms have been updated and are available for use at <https://www.mass.gov/lists/risk-assessment-information#shortforms:-method-3-human-health-risk-assessment->. These updates incorporate updated toxicity information and risk assessment practices consistent with the 2024 MCP amendments.

12/13/23 - The updated Method 3 Human Health Risk Assessment Shortforms (first posted on 11/13/23) were removed on 12/4/23 for review after MassDEP identified a toxicity value error. After further review, toxicity value errors were identified and corrected for Fluoranthene, Indeno(1,2,3-cd)pyrene, Styrene and Trichloroethylene. Details of the corrections may be found in the "12-13-23 Shortform revision note.pdf" file contained in the Shortforms.

Activity and Use Limitation Forms

The document below contains the Activity and Use Limitation forms that must be used to implement an Activity and Use Limitation on or after March 1, 2024.

[AUL Forms](#)



12-13-23 Description of Shortform Revisions

The following revisions were made to the toxicity file for the Shortforms (v1223) on December 13, 2023. These revisions address data entry errors and rounding inconsistencies.

- Fluoranthene: the chronic RfC was changed to 0.05 mg/m^3 (from $1\text{E-}1$, a data entry error) which makes the value consistent with that used in the derivation of the Method 1 standards.
- Indeno(1,2,3-cd)pyrene: the oral cancer slope factor has been changed to $1\text{E-}1 \text{ 1/(mg/kg/d)}$ (from $1\text{E-}2$, a data entry error), which makes the value consistent with that used in the derivation of the Method 1 standards.
- Styrene: the chronic inhalation RfC was changed to 1 mg/m^3 (from $2\text{E-}10$, a data entry error) and the subchronic inhalation RfC was changed to 3 mg/m^3 (from $2\text{E-}10$). These values are consistent with IRIS.
- Trichloroethylene: the oral cancer slope factor has been changed to $4.6\text{E-}2 \text{ 1/(mg/kg/d)}$ (from the rounded value of $5\text{E-}2$), as listed in IRIS. The inhalation unit risk has been changed to $4.1\text{E-}6 \text{ 1/(\mu g/m}^3\text{)}$ (from $5\text{E-}6$), which makes the value consistent with that used in the derivation of the Method 1 standards.

Please note: the current set of shortforms does not include sf12osa and sf12osih (office worker, students & teachers exposure models). These worksheets are being revised and will be added to the Shortforms when they are complete.



Federal PFAS MCL

- Final PFAS rule sent to OMB on 12/15/23

