

Sustainable and Resilient Remediation

Guidance

This document provides guidance in support of 310 CMR 40.0191 and 310 CMR 40.0858 on recommended approaches that maximize the net environmental benefit when conducting response actions at disposal sites regulated under the Massachusetts Contingency Plan (MCP), 310 CMR 40.0000.

<https://www.epa.gov/greenercleanups/regional-and-state-implementation-greener-cleanups>

<https://www.mass.gov/files/documents/2016/08/qf/14-150.pdf>

Regulation/Statute

The Global Warming Solutions Act of 2008 (GWSA) requires the Executive Office of Energy and Environmental Affairs (EEA) to update its plan for reducing greenhouse gas (GHG) emissions once every five years. This 2015 update to the Massachusetts Clean Energy and Climate Plan for 2020 ("CECP Update") addresses that requirement by describing policies that the Baker-Polito Administration will rely on to ensure that emission reductions required by the GWSA are achieved by 2020.

<http://resilientma.org/resources/resource::2014>

<https://nescaum-dataservices-assets.s3.amazonaws.com/resources/production/Clean%20Energy%20and%20Climate%20Plan%20for%202020.pdf>

Policy

The 2018 State Hazard Mitigation and Climate Adaptation Plan (SHMCAP) expands upon the previous planning efforts of the Commonwealth's 2013 State Hazard Mitigation Plan and the 2011 Massachusetts Climate Change Adaptation Report. It accounts for projected changes in precipitation, temperature, sea level rise, and extreme weather events to position the Commonwealth to effectively reduce the risks associated with natural hazards and the effects of climate change.

<http://resilientma.org/data/documents>

<http://nescaum-dataservices-assets.s3.amazonaws.com/resources/production/SHMCAP-September2018-Full-Plan-web.pdf>

Report

Massachusetts Department of Environmental Protection (MassDEP) Frequently Asked Questions (FAQ) for Green Sustainable Remediation (GSR). MassDEP has developed this document to identify emerging best practices and provide case examples to support Potentially Responsible Parties (PRPs) and Licensed Site Professionals (LSPs) in their efforts to integrate sustainable approaches into their remedy selection and implementation.

<https://www.mass.gov/service-details/conduct-green-sustainable-cleanups>

<https://www.mass.gov/files/documents/2017/11/24/Sustainable%20Remediation%20FAQ.pdf>

Website

A dashboard showing Massachusetts' progress towards the goals of the Global Warming Solutions Act (GWSA). The GWSA, signed in August of 2008, created a framework for reducing heat-trapping emissions. It requires reductions in greenhouse gas (GHG) emissions from each sector of the economy summing to a total reduction of 25% below the 1990 baseline emission level in 2020 and at least an 80% reduction in 2050.

<http://resilientma.org/data/documents>

<http://resilientma.org/resources/resource::2009>

Climate

Regulation

Proposed changes to the Waste Site Cleanup regulations (310 CMR 40.0000) and supporting documentation. Reference MA Tech Sheet if this is on it.

<https://www.mass.gov/lists/2019-proposed-mcp-revisions>

The act establishes collaboration between state agencies to reduce greenhouse gas emissions and it establishes limits.

<https://www.mass.gov/lists/2019-proposed-mcp-revisions>

Executive Order

Executive order calling for the Secretary of Energy and Environmental Affairs to establish recommendations to mitigate and reduce greenhouse gas emissions and to strengthen the resilience of communities, prepare for the impacts of climate change, and to prepare for and mitigate damage from extreme weather events. Additionally, calls for MassDEP to develop final regulations to satisfy the statewide emissions limits mandated by Global Warming Solutions Act.

<https://www.mass.gov/executive-orders/no-569-establishing-an-integrated-climate-change-strategy-for-the-commonwealth>

Policy

The State Hazard Mitigation and Climate Adaptation Plan (SHMCAP) is the first of its kind to comprehensively integrate climate change impacts and adaptation strategies with hazard mitigation planning. The plan also complies with current federal requirements for state hazard mitigation plans and maintains the Commonwealth's eligibility for federal disaster recovery and hazard mitigation funding under the Stafford Act. [Reference MA Tech Sheet if this is on it.](#)

<https://www.mass.gov/service-details/massachusetts-integrated-state-hazard-mitigation-and-climate-adaptation-plan>

<https://www.mass.gov/files/documents/2018/10/26/SHMCAP-September2018-Full-Plan-web.pdf>

<https://www.mass.gov/files/documents/2018/10/26/SHMCAP-September2018-Full-Plan-web.pdf>

Climate MVP program that supports cities and towns as they build resilience to climate change. [Reference MA Tech Sheet if this is on it.](#)

<https://www.mass.gov/municipal-vulnerability-preparedness-mvp-program>

Website

Climate Change Clearinghouse for the Commonwealth, including information on the Municipal Vulnerability Program, State Hazard Mitigation & Climate Adaptation Plan, and ResilientMA Interactive Map. [Reference MA Tech Sheet if this is on it.](#)

<https://www.resilientma.org/>

Information on what Massachusetts is doing to prepare for and respond to the effects of climate change. Includes plans on mitigating greenhouse gas emissions, climate change adaptations for communities, and municipal programs.

<https://www.mass.gov/topics/climate-action>

Wildfire

Report

General information on Forest Fire Control Prevention, Suppression, and Detection programs available to county and local forest warden committees, town and city foresters, and law enforcement agencies.

<https://www.mass.gov/forest-fire-control-programs>