

# Hazardous Waste

**Action: Maximize the collection and proper disposal of specialty waste items.**

DESCRIPTION OF ACTION	Prevent environmental contamination by increasing responsible disposal, recycling, reuse, and replacement of specialty waste items (i.e. hazardous waste, electronics, textiles, appliances with high global warming potential refrigerants) with the long-term goal of eliminating these products from the waste stream entirely.
CHAMPION	Devens Enterprise Commission

IMPLEMENTATION STEPS	PLANNING CONSIDERATIONS	
	Timeframe <sup>1</sup>	Key Partners
Conduct waste audits to benchmark and understand what specialty waste items and hazardous materials are currently being collected at Devens HHW and Devens Public Works	Medium	<ul style="list-style-type: none"> <li>• Devens Eco-Efficiency Center</li> <li>• Devens Regional Household Hazardous Products Collection Center and members</li> <li>• Clean Harbors</li> <li>• MassDEP</li> <li>• Devens' businesses and residents</li> <li>• Devens Public Works</li> </ul>
Continue assessing existing markets for waste items and/or existing recycling protocols to understand best life cycle approach for specialty waste items and hazardous waste	Short	<ul style="list-style-type: none"> <li>• Devens Eco-Efficiency Center</li> <li>• MassDEP</li> <li>• US EPA</li> <li>• Toxic Use Reduction Institute</li> <li>• Clean Harbors</li> </ul>
Host roundtable discussions with local businesses to provide education about and support for their utilization of the hazardous waste collection center and the Devens DPW specialty waste item collection	Short	<ul style="list-style-type: none"> <li>• Devens Eco-Efficiency Center</li> <li>• Devens HHW member towns and businesses</li> </ul>
Develop a companion community education program on reducing the need and use of specialty items and hazardous waste materials, especially those with high global warming potential refrigerants	Short	<ul style="list-style-type: none"> <li>• Devens Eco-Efficiency Center</li> <li>• Devens HHW member towns and businesses</li> <li>• Toxic Use Reduction Institute</li> </ul>
Offset HHW and specialty waste item drop-off fees by pursuing grant funding	Medium	<ul style="list-style-type: none"> <li>• Devens Eco-Efficiency Center</li> <li>• DevensHHW member towns and businesses</li> <li>• Devens Public Works</li> </ul>

<sup>1</sup> Short = less than 1 year; Medium = 1-3 years; Long = 4-5years

## HAZARDOUS WASTE (CONT.)

<p><b>FUNDING RESOURCES</b></p> <ul style="list-style-type: none"> <li>• Sustainable Materials Recovery Program (SMRP) Municipal Grant</li> <li>• SMRP Recycling Dividends Program Funds</li> <li>• Closed Loop Infrastructure Fund</li> </ul>	<p><b>TECHNICAL RESOURCES</b></p> <ul style="list-style-type: none"> <li>• Existing DevensHHW Flyers</li> <li>• ReThink Recycling Household Hazardous Waste Toolkit</li> <li>• EPA's Learn the Basics of Hazardous Waste content</li> <li>• Haz-Ed: Classroom Activities for Understanding Hazardous Waste</li> </ul>
<p><b>LINKS TO OTHER PLANS &amp; ACTIONS</b></p> <p><b>How does this action connect to other Devens goals?</b></p> <ul style="list-style-type: none"> <li>• Enhances Natural Resources goal towards air and water quality standards</li> <li>• Companion to Economic Development goal of encouraging businesses to participate in sustainable business practices</li> <li>• Relevant STAR Objectives: Waste Minimization</li> <li>• Relevant LEED Credits: Solid Waste Management, Special Waste Streams Management, Material Recovery</li> </ul>	<p><b>EQUITY CONSIDERATIONS</b></p> <p><b>How can the community incorporate equity into the implementation of this action?</b></p> <ul style="list-style-type: none"> <li>• Offering a diverse set of HHW collection days and times</li> <li>• Consider offering fee waivers for low-income residents</li> </ul>
<p><b>MEASURING SUCCESS</b></p> <p><b>How can we measure the progress and success of this action?</b></p> <p><b>Outputs</b></p> <ul style="list-style-type: none"> <li>• Benchmark of specialty items and hazardous materials waste stream</li> <li>• Community education programs</li> <li>• Additional disposal markets and protocols for items received by the HHW</li> </ul> <p><b>Outcomes</b></p> <ul style="list-style-type: none"> <li>• % reduction of contaminated solid waste and recycling streams</li> <li>• % reduction of overall materials use by the community</li> <li>• % increase in proper disposal of specialty items and hazardous waste materials</li> </ul>	<p><b>ENGAGING THE COMMUNITY</b></p> <p><b>How can we engage the populations that benefit from implementing this action?</b></p> <ul style="list-style-type: none"> <li>• Education through a variety of mediums – flyers, workshops, mailer inserts</li> <li>• Consider utilizing resident and business pledges to properly dispose of specialty items and hazardous waste materials</li> </ul>