

# **Natural Resource Damages Assessment and Restoration Stakeholder Dialogue: Small and Medium Volume Oil Spills to Surface Waters**

## **Overview of NRD Authority and Applicability**

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# Natural Resources Held in Trust for the Public by the Commonwealth

## Resources include:

Biota (fish and wildlife)  
Surface Water  
Groundwater  
Air  
Soils and Sediment

## Services provided by Natural Resources include:

Fishing, hunting and shellfishing  
Habitat for wildlife  
Recreation  
Spiritual or cultural use  
Water supply



**Example of Trust Resources: Sea  
Lamprey, Surface Water, Sediment**

Photo courtesy of Robin MacEwan, Stantec

# When oil spills or releases of hazardous materials, cleanup and assessment occur

## Cleanup

Determine nature and extent of contamination

Evaluate, select and take actions to eliminate or reduce risks to human health and the environment

## Damages Assessment

Determine type and extent of injuries to natural resources

Evaluate, select and take actions to restore natural resources that compensates the public for injuries

# Example of Natural Resource Injury and Restoration: Bouchard B-120 Oil Spill

Oiled shoreline impacting intertidal habitat and public use



Shoreline land acquisition, trails, and equipment for public use



# Natural Resource Damages Authority and Trustees

<u>Massachusetts General Laws:</u>	<u>Federal Laws:</u>
<ul style="list-style-type: none"><li>• Chapter 21E, sections 5A and 11A</li><li>• Chapter 21A section 2A</li></ul>	<ul style="list-style-type: none"><li>• Superfund (CERCLA)</li><li>• Oil Pollution Act of 1990</li></ul>
<u>State Trustee:</u>	<u>Federal Trustees:</u>
<ul style="list-style-type: none"><li>• Secretary of Energy and Environmental Affairs</li><li>• MassDEP delegated authority to administer NRD Program</li></ul>	<ul style="list-style-type: none"><li>• National Oceanic and Atmospheric Administration</li><li>• U.S. Fish and Wildlife Service</li><li>• Federally recognized Tribes</li></ul>

# Over \$76 million in Natural Resource Damages settlements in Massachusetts

New Bedford Harbor \$20 M

GE/Housatonic \$15 M

Fireworks (Tronox) \$6.8 M

Bouchard B-120 \$19.3 M

IndustriPlex \$4.3 M

Nyanza \$3.1 M

Sutton Brook Disposal Area  
\$1.65 M

Textron/MMR \$1.3 M

Charles George \$1.2 M

Blackburn & Union \$1 M

Rubchinuk \$747,000

Holyoke Coal Tar \$500,000

Global/Irving \$312,500

Island End \$300,000

Reed & Barton \$236,447

Framingham GM \$157,425

PSC Palmer \$157,000

Posavina \$155,000

JP Noonan \$55,100

Colrain Acid Spill \$30,000

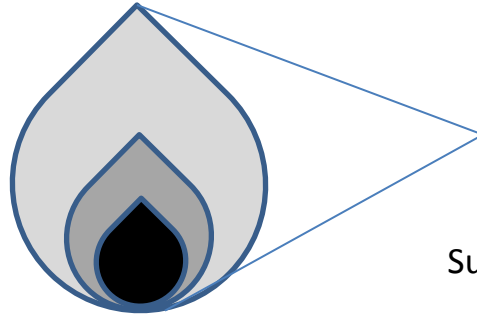
Hallmark/Mystic \$26,801



**Small to Medium Volume Oil  
Releases to Surface Waters  
2009-2017**

Oil or Oil/Hazardous  
Materials Releases  
(Temporary or  
Permanent Solution  
Statements)

6,476



Oil or Oil/Hazardous Material to  
Surface Water releases

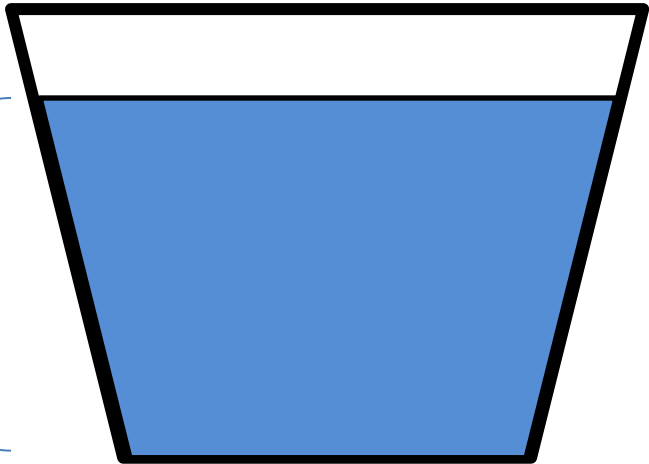
693

Oil or Oil/Hazardous Material to  
Surface Water releases 10 to 10,000  
gallons

517

All Releases of Oil or  
Oil/Hazardous  
Materials

8,193



All Releases  
1/1/2009 -12/31/2017

11,572



# Oil Spills to Massachusetts Surface Waters

