

## Red Switchgrass

*Panicum virgatum*

Attracts butterflies,  
removes petroleum,  
prevents erosion

Native, Phytoremediator

## Joe Pye Weed

*Eutrochium purpureum*

Removes petroleum and  
coal

Native, Phytoremediator

## New England Aster

*Symphytrichum novae-angliae*

Removes petroleum

Native, Phytoremediator

## Tall Fescue (Top) Chewings Fescue (Bottom)

*Festuca arundinacea (top)*  
*Festuca rubra commutate (bottom)*

Remediates heavy metals,  
pesticides, arsenic and  
petroleum

Introduced, Phytoremediator

## White Clover

*Trifolium repens*

Provides groundcover and  
soil nutrients, removes  
nitrates from fertilizer  
runoff

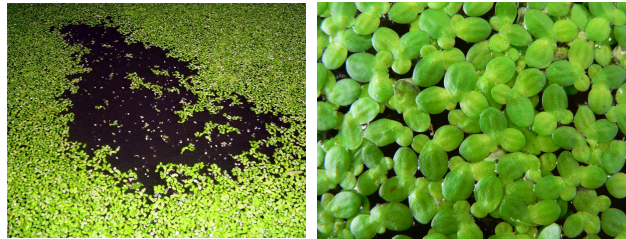
Introduced

## Perennial Ryegrass

*Lolium perenne*

Removes heavy metals  
such as lead, prevents  
erosion

Introduced, Phytoremediator



Common Bent / Colonial  
Bent / Browntop

*Agrostis capillaris*

Removes arsenic

Introduced, Phytoremediator

Common Osier

*Salix viminalis*

Removes petroleum,  
organic solvents and  
heavy metals such as  
mercury, lead and silver

Introduced, Phytoremediator

Sunflower

*Helianthus annuus*

Removes chromium,  
copper, cesium and lead

Native, Phytoremediator

Buttonbush

*Cephalanthus occidentalis*

Occupies Mashapaug  
edge, suited to wet soils

Native

Duckweed

*Lemnoideae*

Removes bacteria and  
nutrients like nitrates  
and phosphates from  
water bodies, food source  
for aquatic animals

Native

Indian Mustard /  
Leaf Mustard

*Brassica juncea*

Removes zinc, cadmium,  
cesium and nickel

Introduced, Phytoremediator



## Serviceberry

*Amelanchier Canadensis*

Occupies Mashapaug edge, largely restricted to wet soils

Native

## Red Chokeberry

*Aronia arbutifolia*

Occupies Mashapaug edge, prevents bank erosion, food source for native animals

Native

## Red Twig Dogwood / Red Osier Dogwood

*Cornus serotina*

Occupies Mashapaug edge, roots provide excellent soil retention, prevents bank erosion

Native

## Arrowwood

*Viburnum dentatum*

Occupies Mashapaug edge, food source for native animals

Native

## Blueberry

*Vaccinium corymbosum*

Occupies Mashapaug edge, food source for native animals

Native

## Sweet pepperbush

*Clethra alnifolia*

Occupies Mashapaug edge, grows in wet soils, prevents bank erosion

Native

## Instructions:

For flashcards to print correctly, print double-sided. For example, “New England Aster” should go with the purple flower on the top left corner of the first page.

*Plants labeled “occupies Mashapaug edge” were identified along Mashapaug Pond by the Environmental Justice League of Rhode Island (<http://ejlri.wordpress.com/>) and Groundwork Providence (<http://groundworkprovidence.org/>).*

*Phytoremediator examples were provided by DownCity Design in Providence (<http://www.downcitydesign.org/>).*

*Additional information came from Bat Conservation International, the U.S. Environmental Protection Agency, RI Audubon, URI Environmental Science, the Woonasquatucket River Watershed Council, Groundwork Providence, the U.S. Department of Environmental Management and the U.S. Department of Agriculture’s PLANTS Database.*