



Michigan's
Nonpoint Source
Program

**Clean Michigan Initiative
Clean Water Fund
2006-0110**



City of Dearborn Heights

Telephone: 313.791.3490

Fax: 313.791.3491

Email: kkramarz@ci.dearborn-heights.mi.us

**The Richard A. Young Recreation Center
Rain Gardens and Parking Lot Project**

December 2008 through June 2011

The Richard A. Young Recreation Center Rain Gardens and Parking Lot Project was undertaken by the City of Dearborn Heights to improve the water quality in the North Branch of the Ecorse Creek and enhance public awareness and acceptance of these Best Management Practices. The project converted the existing parking lot into a low impact development demonstration site using pervious pavement and the construction of three rain gardens to filter pollutants from storm water and promote groundwater infiltration. A community workshop was conducted for rain garden design and maintenance for property owner's to create their own on-site rain garden.



Grant Amount: \$229,436.67

Match Funds: \$237,860.51

Total Amount: \$467,297.18



Best Management Practices:

- Installation of a Pervious Parking Lot
- Construction of Three Rain Gardens



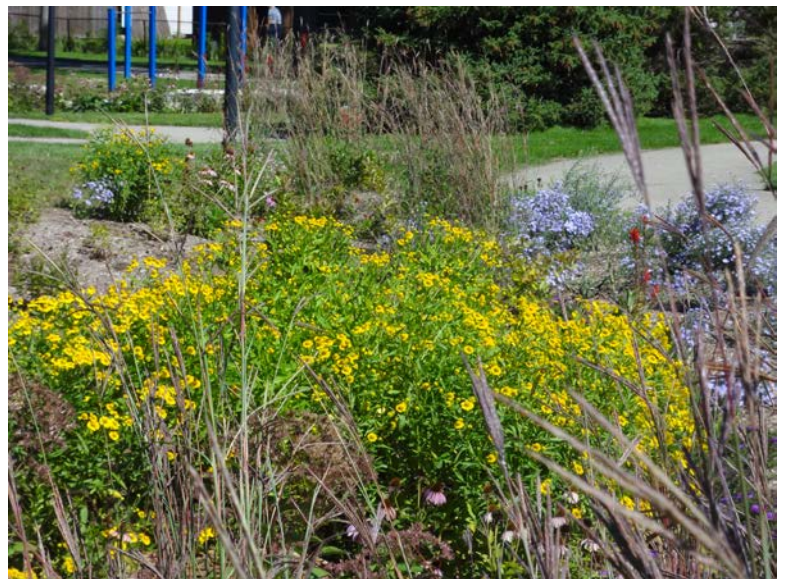
I&E Activities:

- Rain Garden Workshop
- Project Open House
- Signage



Partners involved:

- City of Dearborn Heights
- Dearborn Heights Watershed Stewards





Before Photo: Rain Garden No. 1 and Parking Lot.



After Photo: Rain Garden No. 1 and Parking Lot



Before Photo: Rain Garden No. 3.



After Photo: Rain Garden No. 3.

RAIN GARDEN BASE PLANTS



Cardinal Flower
Lobelia cardinalis



Joe-Pye Weed
Eupatorium maculatum



Blue Lobelia
Lobelia siphilitica



New England Aster
Aster novae-angliae



Cleopatra Plant
Physostegia virginiana



Sneezeweed
Helenium autumnale

RAIN GARDEN SIDE-BANK PLANTS



Big Bluestem
Andropogon gerardi



Smooth Aster
Aster laevis



Wild Bergamot
Monarda fistulosa



Purple Coneflower
Echinacea pallida



Butterfly Milkweed
Asclepias tuberosa



Marsh Blazingstar
Liatris spicata

RAIN GARDEN SHRUBS



Black Chokecherry
Aronia melanocarpa



Winterberry
Ilex verticillata



High Bush Cranberry
Viburnum trilobum



Ninebark
Physocarpus opulifolius

