

BEST MANAGEMENT PRACTICES INVENTORY

OAKLAND COUNTY, MICHIGAN

PROJECT Depot Park Rain Garden

CATEGORY:

Stormwater Management

PRACTICE:

Rain Gardens

CONTACT:

Jim Brueck - Chair of the Clarkston Watershed Group

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OWNER: The Village of Clarkston

PARTNERS:

ONPI, Oakland Wild Ones, Village of Clarkston DPW, NOHLC, Clarkston Farm and Garden, River of Life, HRC Municipal Engineers, Lowrie's Landscaping, RBI Inc., Boy Scout Troop 189, Cub Scout Troop 126

DESIGN: Trish Hennig-Master Gardener and Native Plant Specialist, Colleen Schmidt-ASLA, and the Clarkston Watershed Group

CONSTRUCTION: Clarkston Watershed Group and the Village of Clarkston

MAINTENANCE: Volunteers

DATE INITIATED: June - October 2006

INITIAL COST: \$1,500

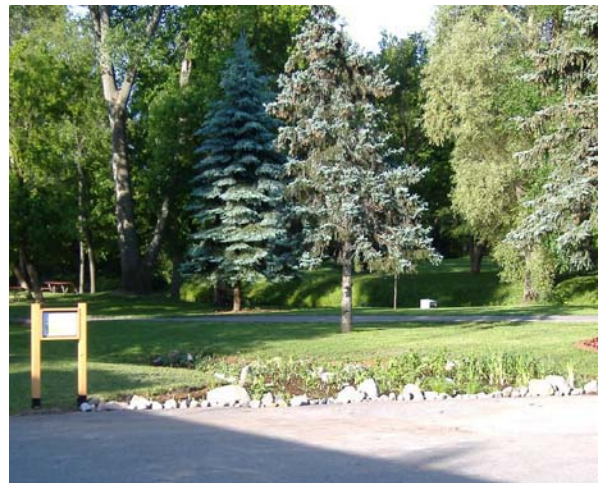
MAINTENANCE COST: 0

PROJECT

This rain garden was constructed in a natural drainage path from the Village parking lot and service driveway to the park Millrace and Clinton River. Erosion had caused the loss of what little vegetation existed, allowed uncontrolled runoff to expand the eroded area and the potential for a greater amount of pollutants into the stream and river. The project was funded by a grant from the Oakland Native Partnership Initiative (ONPI) and donations from our partners. All the work was done by volunteers from the many participating local organizations. The original area was expanded in the fall of 2006 with the additional funds generated by the initial project and it can now hold and filter an even greater amount of runoff. This garden is the first of what we hope will be ongoing work within the park as well as an educational and demonstration project for the entire area. It has already received much attention and additional donations have been received for future projects.



Area before rain garden. This area is immediately adjacent to the City DPW garage and is used for wash down of DPW vehicles. It also collects overflow water from the adjacent parking lot.



Rain garden several weeks after planting. Rocks were added along the edge to slow down the water flow until the native plants could establish themselves.