

# BEST MANAGEMENT PRACTICES INVENTORY

## OAKLAND COUNTY, MICHIGAN

### PROJECT Bald Mtn Medical Detention Pond

**CATEGORY:**

Stormwater Management

**PRACTICE:**

Detention Ponds

**CONTACT:**

Kurt Pieper

Miller Landscape Inc, 815 Brown Rd, Orion , MI 48359

248-391-2889



View of "created wetlands" falls from parking lot (Lapeer Rd in background).

**OWNER:** Bald Mountain Medical Center- C/O Dr. Kevin Robertsor

**PARTNERS:**

**DESIGN:** Kurt Pieper (Plandscapes LLC)

**CONSTRUCTION:** Kurt Pieper (Plandscapes LLC)

**MAINTENANCE:**

**DATE INITIATED:** Spring 2003

**INITIAL COST:** \$70,000

**MAINTENANCE COST:** \$100/mo (electric to run pumps)

**PROJECT**

As prescribed by building code, a Detention Pond was called for to handle building and parking lot run-off. We constructed a detention pond/water feature that handled the run-off as mandated, but through the integration of a "created wetlands" filtration concept, also cleans the pond water-which in turn leads to cleaner outflow to connected wetlands. The result is an aesthetically beautiful feature that enhances the buildings setting while actually supporting a vibrant ecosystem within the feature itself, and is very friendly to the ecosystem it's connected to. This project has implications in all of the BMP types listed.



View of "Bio-falls" from streetside (Medical Center in background).