

Final Report  
Project No. LPL-581  
Project Name: Beaver Dam Lake  
Sponsor: Beaver Dam Lake Improvement Association, Inc. (BDLIA)

Background

The Beaver Dam Lake Improvement Association, Inc. (BDLIA) received funding for Grant Project No. LPL-581 on 23 October 1998. The BDLIA received an advance payment of \$2,906.63 for the initial stages of this project.

The original scope of this project was to perform the following:

1. Delineate plant life and study invertebrates in the lake.
2. Identify areas of the lake that need shoreline stabilization.
3. Collect and analyze water quality samples to begin compiling a historical record of lake water quality.
4. Review stormwater discharge impact on the lake.
5. Educate the public by setting up informational booths at community functions, distributing handouts regarding practices such as shoreline stabilization, yard care and runoff management.
6. Survey land owners to understand what they would like the lake to become and how far they will support possible lake management actions.

The grant period was originally from 1 October 1998 through 31 December 2002. However due to circumstances that will be outlined below, the grant was extended to 30 June 2007 with final report due 31 December 2007.

Discussion

The lateness of the report is due to several changes in leadership within the organization and changes in personnel that originally started on the project. ***The Grant Payment Request form was only partially completed and submitted under Tab 1 of this report. The DNR agreed to assist in filling in the appropriate dollar amounts for this grant.***

During the period of this grant, the organization participated in two organized events that unknowingly at the time contributed significantly to the original scope of the grant project.

The first venture, the Beaver Dam Lake Citizens Alliance (BDLCA) is an organization of thirty-three separate entities comprised of civic authoritative and user groups. To name a few...City of Beaver Dam, the five townships surrounding Beaver Dam Lake, various land owners, boating groups, fishing groups, the BDLIA, numerous and specific sports clubs, area businesses and the

general public, as well. The Alliance has fifteen individuals representing these concerned entities. The BDLCA was formed out of a necessity when “concerned citizens” filed legal notice for a “change in the lake water elevation”. The mission of BDLCA is to develop and implement a long-range plan to maintain and improve the quality of Beaver Dam Lake for generations to come. BDLIA participated extensively with this group by attending meetings over several years to address several goals under this grant scope of services. The BDLCA met every first and third Thursday of the month at 6 pm at Bayside Supper Club in Beaver Dam, WI.

Beginning in the Fall of 2001, the BDLIA participated in the Conservation Reserve Enhancement Program (CREP). The program objectives were to establish and protect filter strips, riparian buffers, grassed waterways, and water quality of our watershed. BDLIA participated for nearly 2 years to develop the program locally, but unfortunately significant problems in hiring an intern curtailed our involvement. Donated hours were not considered at this time for this grant.

Original goals and deliverables:

1. *Delineate plant life and study invertebrates in the lake.*

*Deliverables:* The activity performed under this goal consisted of discussions through BDLCA meetings that identified immediate and long-term management actions. See page 13 of the BDLCA Management Plan under Tab 6.

Expenses Summary = \$0.00

Donated Labor Summary = 112.0 hours x 25% (share of total hours) x \$8.00 = \$224.00

2. *Identify areas of the lake that need shoreline stabilization.*

*Deliverables:* The activity performed under this goal consisted of discussions through BDLCA meetings. During these meetings aerial photographs (from different periods of time) illustrated shoreline erosion mainly along the eastern shore of Beaver Dam Lake. It was decided that one of the immediate management actions was to document existing wetland shorelines to serve as measure of future erosion. See page 12-13 of the BDLCA Management Plan under Tab 6.

Expenses Summary = \$0.00

Donated Labor Summary = 112.0 hours x 25% (share of total hours) x \$8.00 = \$224.00

3. *Collect and analyze water quality samples to begin compiling a historical record of lake water quality.*

*Deliverables:* Secchi disc readings were performed by Wendy Braun, Richard McMillan, and Bob Roell from 1999 and 2004 through 2007. Field observations were performed over this time period with results submitted to the State Hygiene Lab for testing. Analysis of tests indicated under Tab 5.

Expenses Summary = \$2,334.66

Donated Labor Summary = 64.5 hours x \$8.00/hour = \$516.00

4. *Review stormwater discharge impact on the lake.*

*Deliverables:* The activity performed under this goal consisted of discussions through BDLCA meetings that identified immediate and long-term management actions. See page 14 of the BDLCA Management Plan under Tab 6.

Expenses Summary = \$0.00

Donated Labor Summary = 112.0 hours x 25% (share of total hours) x \$8.00 = \$224.00

5. *Educate the public by setting up informational booths at community functions, distributing handouts regarding practices such as shoreline stabilization, yard care and runoff management.*

*Deliverables:* The BDLIA spent considerable effort in educating the membership of BDLIA through the association's semi-annual newsletter (see Tab 8). In addition, several members of the BDLIA Board of Directors participated in staffing informational booths at two local events, Fair Share Show and Business and Industry Expo. See Tabs 3 and 4 for detail on expenses and donated hours.

Expenses Summary = \$7,398.69

Donated Labor Summary = 110 hours x \$8.00/hour = \$880.00

6. *Survey land owners to understand what they would like the lake to become and how far they will support possible lake management actions.*

*Deliverables:* The activity performed under this goal consisted of requests for public involvement on the development of the BDLCA management plan. A town hall meeting was initially held to solicit comments on improving Beaver Dam Lake. Subsequently, public involvement was received at monthly meetings of the BDLCA.

Expenses Summary = \$0.00

Donated Labor Summary = 112.0 hours x 25% (share of total hours) x  
\$8.00 = \$224.00