
North Shore Management Board

Wednesday, September 14, 2011 6:30 PM

Lake County Human Services

Two Harbors, MN

Minutes

Attendee	Representing	Absentees	Representing
Dave Mount	Duluth Township	Mark Russell III	City of Beaver Bay
Dave Updegraff	Lakewood Township	Jan Sivertson	City of Grand Marais
Jim Johnson	Alternate - Cook County	Joanne Johnson	City of Silver Bay
Peg Sweeney	St. Louis County	Christopher Swanson	City of Two Harbors
		Bruce Martinson	Cook County
		Rich Sve	Lake County
		Mike Hoops	Silver Creek Township
Guest		Staff	
Dr. George Host	NRRI	Andy Hubley	ARDC
		Liz Sarabia	ARDC

I. Call to Order

The meeting was called to order by Dave Mount at 6:35 PM.

There was no quorum present. The Chair asked that he and Liz Sarabia work on a letter to be sent to members regarding the situation of attendance.

II. Reports

Andy Hubley provided the handouts, *Rain Gardens on the North Shore* and *Erosion on the North Shore*. Quickly, he reported that there are rain gardens already on the north shore. Multiple ones are located in Cook County, one in Duluth and one at the Lake County Courthouse though not all are in the NS Management Zone (NSMZ). The rain garden project is beginning with key stakeholder interviews to determine their interest and find resources for successful rain gardens. Once the interviews are completed and a resource list is developed (which will be added to as the project proceeds), he'll work on a Best Practice Guide and start to identify potential sites for rain gardens.

Another step in the project will be to identify partners, potential property owners, and funding sources from private and/or public partnerships, especially for the long term. There

will be a review of the NSMZ and what bonuses landowners will receive with water management. One step will be to figure out the best places for a rain garden so that there will be an effective change to the runoff into the Lake.

Discussion followed about rain barrels which are a cheap alternative to rain gardens; best location for a rain garden such as areas of concentrated runoff and warm water. Concern was expressed regarding costs, locations, opportunities that may exist with new developments, requirement for an ordinance, motivation to install a rain garden.

Andy's next item was erosion on the north shore, a long time discussion point with many unanswered questions. This project hopes to find answers for which types of erosion controls work and which ones don't work; availability of more accurate mapping of areas with erosion, Best Practice analysis with the focus on the north shore proper.

Discussion followed which focused on the issue of erosion, whether the hazard is addressed in the NSM Plan and if so, what language is used, how to determine a standard and could be met.

III. Presentation by Dr. George Host, NRRI on Coastal GIS

Dr. Host, with the Natural Resources Research Institute here in Duluth, was asked to provide a presentation on the Coastal GIS project. It was hoped that this site would be an additional resource that could be linked to the NSMB Environmental Website. The objective of the Coastal GIS project was to develop databases within the coastal boundary of Lake Superior, have this data available to anyone, and to provide additional decision-making tools to local units of government.

Dr. Host spoke about stressors in watersheds, their impact, and the changes that are undergone as the stressor moves through the watershed to Lake Superior. The datasets are grouped into the Coastal Program Boundary, the Lake Superior Basin and Counties (of the Arrowhead Region), provide interactive GIS images and are part of the larger Coastal Atlas. The applicability of these datasets to current NSMB projects was very timely.

IV. Other Business

Next meeting will be in January and will be set up through Meeting Wizard.

Meeting adjourned.

ATTEST:


Dave Mount, Chair


Elizabeth R. Sarabia, Recording Secretary