



**LOST NATION-NEW LANDING
RCD SPECIAL MEETING
March 24, 2008 Time: 7:00PM**

- I. **Call to Order and Roll Call** – Marty called the meeting to order at 7:00PM.

Board Members Present

Marty Portner – President

Dan Dummett – Vice President

Herb Hill – Secretary

Betty Lou Finn – Member at Large

Board Members Absent

Tina Trevino - Treasurer

- II. **Pledge of Allegiance**

- III. **LMC Special Report – Shoreline Stabilization** – Joe Rush gave a presentation on shoreline stabilization and the benefits of stabilizing Lost Lake's shorelines. Shoreline stabilization methods: Concrete sea-walls, vinyl or steel sheeting, Gabian baskets – chain link fence shaped into a basket and filled with rocks and tied into the shoreline, ornamental stone, wood timbers (railroad ties), rock (rip-rap) and native vegetation.

Joe Rush asked the board who would be responsible for stabilizing the shorelines of Lost Lake and Marty said that they would ask the property owners to stabilize their own shorelines but that the RCD would have to first do an inventory of all the properties that they are responsible for and then get their own shorelines stabilized as an example to the property owners and then they could approach the property owners with what they would like them to do and what types of shoreline stabilization they could do. The first step would be to do an evaluation of the entire lakeshore properties. Marty asked Frank how he thinks the shoreline owners would react to the RCD leading the way by example on their own shorelines and then requesting that the property owners stabilize their shorelines as well. Frank said that there was a very positive response at the educational seminar of shoreline owners that was held last summer. Attached to the invitation to the seminar were Lake Notes articles on shoreline buffer strips, abating geese on your lake, and shoreline stabilization. Tim Spelde suggested that the RCD could coordinate a lake drop and participate in cost sharing of the project by supplying the labor while the homeowner pays for the material to have rock dropped on their shoreline. Jerry said that you would have to establish standards first, and then find out if the property owner is willing to participate in those standards voluntarily or if the standards would have to be superimposed on the property owner by the RCD – with the RCD perhaps having the right to do that. Joe Rush said that the first thing they would have to do is determine who is responsible. They can develop the program one of two ways -1. Either make the property owners responsible for their shorelines through their building regulations and requirements and give them say a year and a half to come into compliance or they would do the work and assess the fee to the property owners 2. Lead by example by first stabilizing their own property and then creating a standard and then educating the community on it.

Herb asked if they could use a contractor with a barge of rock to distribute it onto the lands of property owners interested in participating and taking advantage of a reduced cost of labor and Joe said that that was definitely a possibility. Joe said that the RCD needs to determine what methods of stabilization are acceptable for this community – just because concrete sea walls,

steel sheeting, or big rock rip-rap works for one community does not mean that it is right for this community and the RCD has the authority to develop what is acceptable for the long-range planning of the community. Joe said that once they determine the types of shoreline in terms of A, B, and C and what types of stabilization techniques will work on each shoreline. Marty asked, "What data does the RCD have right now?" Joe said that the only thing they have is a proposal from AES on what it would take to rehabilitate some of the shorelines as well as areas all the way up through the watershed. They would need someone to come out to assess the entire lake shoreline to see what has already been stabilized. Dan asked what the assessment tells them and Joe said that the legend and report shows areas that need stabilization and the different methods of stabilization and the costs associated with them. Frank Durkin said that they need to establish a method to physically photograph each property owner's area to identify each of the properties when establishing A, B, and C categories. Dan recalled attending a LMC meeting where there was an agreement that that needed to be done and that they would seek out a professional to do that. Jerry said that Dan was correct, however, one of the things that held that up was that the information from AES had not been disseminated to Dan and Joe until recently and Jerry brought it to Joe to see if the information could be used and Joe looked at it and said that it was not sufficient, adding that if they want all the shoreline to be stabilized the report is incomplete because it only says that certain shorelines need to be stabilized. Dan said that it also doesn't have individual pictures of each property owner's shoreline. Jerry called AES on February 28 and the gentleman who did the survey sent him the costs associated with doing each of the areas. Joe said that the board needs to decide how they will allow people to stabilize their shorelines, based on what look they want the community to take on. For example, a gently sloping shoreline could have either native vegetation or a rock shoreline or they could allow both methods. Marty said that he thinks that the RCD can mandate that the shoreline be stabilized; however, the ULLPOA would have some say in dictating the look that they want for the community.

Joe Gargano said that he would be against them using any sea walls to stabilize the shoreline, rather, he would like to see rock rip-rap used in the areas along the Clear Creek and Babbling Brook exits into the lake. Joe suggested that in the next 90 days, if they could get the LNPOA to stabilize their Lakeside Park property (which is extensively eroded) with rip-rap they could use that as an example to the community and they would get an approximate cost per lineal foot to do the job. To get an idea of cost, they could look at what was done on lots 10 and 11 in fall of 2003, when they stabilized the shoreline with 300 ton of rock after they did the dredging there.

Marty asked Joe Rush what he thought about first stabilizing the inflows in that manner as Joe Gargano suggested. Joe explained how the speed of the inflow of water is greater at the inputs due to the channelization there, especially on the outside bend. Joe Gargano said that the reason that AES didn't address the main body of the lake, north of the recreation center, was because most of it is rock and Joe Rush added that it is very steep there as well. Joe Rush said that AES was also looking at what areas affected the lake the most.

Jerry Sellers said that he recently sent the board some observations that he made while touring the lake, one of which was to take pictures of Lakeside Park, which is one of the worse areas on the lake in terms of erosion. He is assuming that those pictures were given to the POA and that they will be asked what they plan to do to remediate that shoreline. He also wants to know why Henry Cachel's property wasn't pulled back and rip-rapped like they did with the POA's lots and the RCD's lots when they took out the islands back in 2003 (taking the islands out slowed the velocity of the water coming into the lake).

Marty said that he wants to first stabilize the RCD's and the POA's properties so that they would lead by example for the property owners and gain experience in what methods work. Frank said that in order for the POA to embrace this program they would have to have a full scope of what is involved, which would include mapping out everyone's property, determining each property's status, and letting people know through the Watershed what is to be done. Joe Rush said, "Let's say that the RCD chooses three acceptable methods of stabilization 1 Native vegetation, 2. Vegetation established with koi logs, or 3. A rip-rapped shoreline or a combination thereof, it would then be the responsibility of the RCD to ensure that the property owners know what the acceptable methods of stabilizing the shorelines are. Marty asked if Joe Rush could do a survey of the lake's shorelines and suggest stabilizing techniques recommended for each property. Mary Ann Bortman asked if the RCD's and POA's properties are all different so that they could do sample work on those properties as an example for people to look at. Joe Rush said that (a drawback) of doing samples of accepted stabilization on RCD and POA properties before starting on private property is that some of the methods will be immediate, like riprap, vs. vegetation, which will take at least three years to establish a finished look. Joe said that they could hire a landscape engineer to draw up a picture of what a property owner's property would look like depending on the method of stabilization that they chose.

In response to Jerry's previous question about Henry Cachel's shoreline not being stabilized the same as Lost Nation's property, Joe Gargano said that along the lake front lots you have to be concerned about when sloping the shoreline is the specific square footage required for the installation of a septic system and you also have to maintain a minimum of 100 ft from the shoreline for installation of a septic field. They were concerned that if they sloped those lots back like they did the neighboring ones (which they did because they were dedicated parks) they might affect the ability to build on the lots. Jerry said that the reason that it gets convoluted is because the Lost Nation POA and the ECC chairman has overrode the Ogle County Board of Health's opinion with regard to septic systems, there are mound septic systems being used in Wisconsin for lake front property owners and he (Jerry) hasn't been able to get any clarification as whether the lots are buildable. Joe Gargano recommended that the board get some copies of a pamphlet that he obtained from the Army Corps of Engineers so that they can review it to get some good ideas on shoreline stabilization techniques.

Marty wants Joe Rush to assess the shorelines to get a professional opinion on what techniques are recommended so that the board can establish a guideline for property owners to follow, focusing on the high priority areas such as the two inlets, and then the RCD would stabilize their shorelines and, perhaps, some private property owners who would like to participate in the pilot program.

Jerry Sellers asked what the RCD's policy for people who have already done something to their shoreline which is inappropriate for shoreline stabilization – would they be grandfathered in? Marty said that they would be grandfathered in unless the stabilization wasn't being maintained and was no longer a functional stabilization technique. Marty asked Joe Rush what it would take for him to assess the lake shoreline and Joe said that it would take about a day for someone to survey the lake another day to process the information. Dan asked Joe to bring a proposal to do the job so that the board can make a decision to hire him or not.

- IV. Motion to Adjourn** –Dan motioned to adjourn the meeting at 8:56PM and Betty Lou seconded the motion. The board approved the motion unanimously. [03-24-08-01] Next Scheduled Meeting: April 8, 2008