

APRIL
MAY
2017
Scene

From the Prior Lake-Spring Lake Watershed District: ***Cleanup continues...***

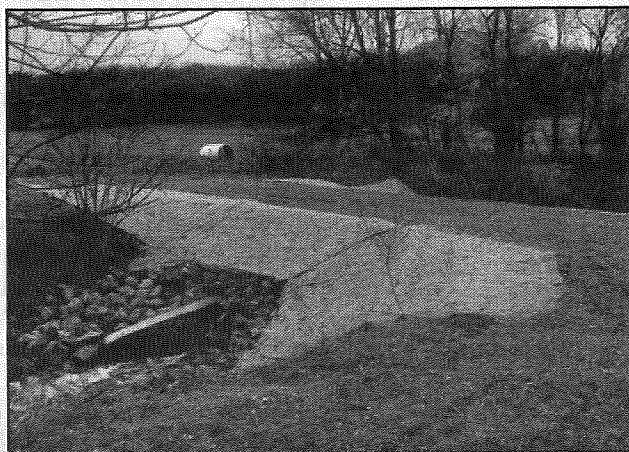
The Prior Lake-Spring Lake Watershed District is making steady progress in repairing damage caused to the Prior Lake Outlet Channel by major flooding in the spring of 2014. The Prior Lake Outlet Structure and Channel are used for stormwater conveyance and the channel acts as a "long-term relief valve" for the land-locked Prior and Spring Lakes. Damage to the channel was estimated at over \$1 million, and included downed tree removal, culvert repair, sediment delta removal, and bank erosion repair. The District received funding support for the repair work from the Federal Emergency Management Administration, Homeland Security Emergency Management, and the Minnesota Department of Natural Resources.

Downed trees have been removed and culverts have been repaired. The sediment delta removal has become somewhat problematic due to an early thaw and has been put on hold. The bank erosion project, which is the most expensive repair, is underway. Barr Engineering was hired to manage the entire project, including construction. At this time, Barr staff have developed plans that outline various remediation options to stabilize the channel, such as stone toe protection (riprap and filter); constructed riffle (gravel, cobble or small boulders installed in the stream bed); and root wads (tree trunks with root ball attached), to name a few.

Representatives to a joint powers agreement (called the "Cooperators," which includes Prior Lake, Shakopee, the Shakopee Mdewakanton Sioux Community, and the District) will review all of the plans and provide feedback on conceptual and preliminary design. It is expected that Barr will finish the final design by



Major damage along the Prior Lake Outlet is being repaired. Some of the damage caused by the 2014 flood can be seen above. Below is a photo of the repair work done at the site.



July 2017, when construction will begin. It is expected that the project will be substantially completed in July 2018.

Clean Water Clean-Up

The City of Prior Lake and the Prior Lake Spring Lake Watershed District are sponsoring their annual free spring clean-up event to remove leaves and other organic debris on Sunday, April 23 from 9:30 a.m.-12:30 p.m. at Sand Point Beach Park. The Park is located on Lower Prior Lake, 14349 Crest Avenue NE, in the city of Prior Lake. If there are storms or considerable rain, the alternative date is April 30, same time and place. Volunteers are encouraged to check the website indicated below to sign up. Volunteers need to provide their own gloves and rakes.

Leaves and other organic matter are carried by stormwater into storm drains and end up in lakes and streams. This material releases phosphorus into our waterbodies, which feeds algae. Algae growth is a serious threat to water quality, aquatic life, property values, and water recreation.

Local Businesses will provide door prizes and lunch will be served. Volunteers are asked to sign up by clicking on the link on the District's website: <http://www.pslsld.org> or by calling the District at (952) 447-4166.