



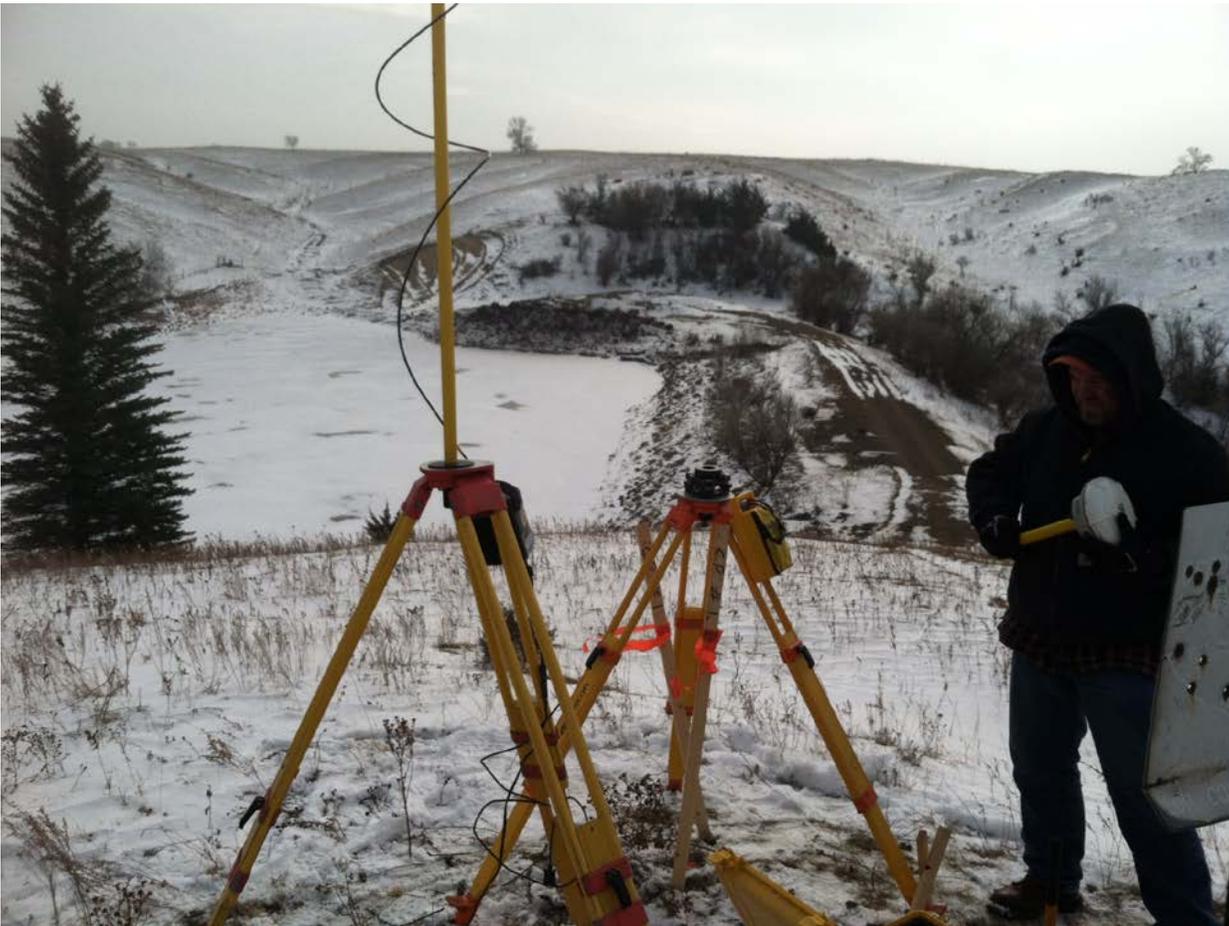
Original site  
prior to start of  
construction in  
Fall of 2014



Erosion  
around  
principal  
spillway inlet  
structure and  
dam



Fingal Wildlife Club members loading and hauling riprap to be stockpiled on the project for contractor to use during rehabilitation work.



Fingal Wildlife Club member conducted a site survey utilizing GPS equipment.



Erosion worsened through the spring and summer of 2015. In Septmeber the principal spillway had worsened to the point that replacement was absolulty required prior to spring runoff of 2016.



Fingal Wildlife Club member in early November 2015 cleared and grubbed brush and trees from the Dam site.



Fingal Wildlife Club members performed the construction survey and staking for the contractor to establish a similar line and grade to the existing principal spillway inlet and pipe.



Swanberg Construction of Valley City ND was the excavating contractor for the project. They began by removing the old inlet structure and existing pipe that made up the principal spillway.



Borrow that had been stockpiled on the site by the Fingal Wildlife Club in 2014 was placed and re-compacted by Swanberg to repair erosion around the inlet structure prior to setting the new inlet structure.



Swanberg reset a new inlet structure at the original elevation of the old principal spillway elevation. This will allow approx. six feet of water depth to go back into the reservoir.



Swanberg used a pipe laser to establish line and grade on the pipe and then utilized mechanical compaction equipment while backfilling the pipe.



Swanberg place riprap/ topsoil that had been previously been stockpiled onsite by Fingal Wildlife Club in fall of 2014.



Outlet of principal spillway with newly place riprap to help reduce scouring of existing ground.



Fingal Wildlife Club members pour an addition concrete headwall to aid in reducing erosion around the inlet structure at times of high run off and also provide more concrete coverage around spillway pipe.



Fingal Wildlife Club members worked the topsoil in preparation for seeding of the disturbed area from excavation involved with installing the spillway pipe.



Fingal Wildlife Club members spreading a pasture mix blend of seed along dam in the disturbed areas.



Fingal Wildlife Club members stapling the wood excelsior fiber mat blanket that was installed over excavation for the spillway pipe. The blanket will aid in holding the seed in place and helping to minimize erosion of the site.



Completed  
project as of  
11/20/2015.

The Fingal Wildlife Club would like to extend a sincere thank you to the Outdoor Heritage Fund for making this project possible for us. The club had a lot of fun working on and restoring the dam back to what our club's founding members had helped to establish.