

14.0 NEXT STEPS

The 2020 project assessed 649 individual gully and pipe outfall locations during the summer season. Using the 2008 Inventory as a benchmark, the conditions in 2020 were compared to 2008 and, in general, show that gully erosion in the LMRWD has not improved significantly. While there have been some restoration projects within the watershed since the 2008 Inventory, the number and severity of gullies within the District has still increased.

The District successfully used the 2008 Inventory as basis for collaborative capital improvement projects with municipal partners and can do the same with this updated inventory. The 2014 *Strategic Resource Evaluation* was based on the 2008 Inventory and subsequent projects developed from it include:

- **Area 3 Slope Stability:** The Lower Minnesota River Watershed District has been investigating the cause of a slope failure along a section of the Minnesota River in Eden Prairie—known as Area 3—since 2008. Next steps in this project include data collection and review to determine how quickly the site is evolving. Future work will include developing final designs for construction to stabilize the eroded slope and prevent it from future erosion and landslides.
- **Spring Creek Hydrology and Hydraulics:** This project will develop a hydrology and hydraulics study to validate the proposed 2019 stabilization designs for 112 5th Street West and 404 South Broadway in Carver, Minnesota.
- **Assumption Creek Project:** This project will be used as a supplemental report for the Trout Streams Gaps Analysis and Seminary Fen Management Plan. Building off the data collected in this study, the 2019 Trout Streams Geomorphology, and the 2020 Fens Suitability Gaps Analysis the assessment will focus on the hydrogeology of the system and the contributing stormwater inflows, as well as developing a hydrologic analysis to determine the stormwater runoff and the groundwater interactions into Assumption Creek.

Next steps for this Project will include coordinating collaboration sessions with city partners and other potential stakeholders to review the draft report, specifically discussing the high-priority sites, and strategizing about ways to stabilize gullies, repair outfalls, and prevent sediment from entering the Minnesota River. In concert with the partner collaboration session, the District will start taking inventory of the condition of gullies and pipe outfalls located to the south of the river that were not part of the original 2008 Inventory. Lessons learned from this Project will be applied to the second phase and a separate report will be compiled for reference.