

## LPCW Restoration Phase 4

LPCW Restoration Phase 4 leads into the current holistic LPCW planning efforts. Through the WQMP, several sites on SDC were established and identified downstream of the OHWY 7 Box Culvert with that Box Culvert being productive, stable, and in place. Due to the OHWY 7 Box Culvert being compromised and washed away in September 2019, the MNNRD is pursuing stream degradation issues that have risen upstream of the OHWY 7 site. In the mile stretch upstream from OHWY 7 to county road 430, several new headcuts have formed.

The LPCW Restoration Phase 4 project will build upon the successful implementation of the SD-14 project as well as the LPCW Restoration Phase 3 project including landowner relationships developed in phases I and II: continue coordinating public education and outreach, stakeholder meetings, landowner visits, coordinating with engineers and contractors, assist in getting BMPs implemented, and construct another high priority stream restoration project(s) on SDC.

This work is critical to maintain interest with area landowners, find efficiencies in design and construction costs, and ensure SDC is restored in an ecologically sound fashion.

NET funds will be used to design, permit, and construct stream restoration project(s) on SDC. This stretch of SDC has multiple headcuts formed and are moving upstream which degrades water quality, causes groundwater levels to decline, damages aquatic habitat, threatens the ecological integrity of the watershed, and endangers public infrastructure.

LPCW Restoration Phase 4 will involve stream assessment, pre-liminary design, final design, permitting, construction oversight, land-rights, and construction. Installation of stream restoration is critical to the watershed health and has been identified as a priority. The affected landowners on SDC and other entities have provided project letters of support.

Outside of stream restoration and stabilization, it is important to address other causes of pollution and hydrologic modification to ensure a band-aid approach is not taken. This project includes working with landowners to obtain input, information, ideas, and implement various BMPs.

