



319 NPS Project Funding Request

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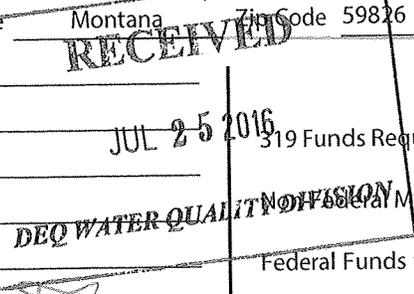
<http://deq.mt.gov/Water/WPB/Nonpoint-Source-Program/NPS-319-Project-Funding>

Project Title Swan Watershed Restoration

Project Sponsor Information

Name Maria Mantas Tax ID # 81-0512368
 Address 6887 MT Hwy 83 Website SwanValleyConnections.org
 City Condon State Montana Zip Code 59826 County Lake

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Project Funding

319 Funds Requested	\$179,850.00
Federal Matching Funds	\$120,000.00
Federal Funds	\$0.00
Total Project Budget	\$299,850.00

Project Location

Watershed Name or HUC # Swan - 17010211
 Latitude 47.84374 Longitude 113.83332
 Is the waterbody on the 2016 List of Impaired Waters? Yes
 Does this project implement a WRP? Yes

Nonpoint Source (NPS) Information and Project Planning

Project Focus

To rehabilitate several sites along existing roads that contribute sediment related impairments in Goat Creek and Swan Lake. These projects will be monitored for project effectiveness. We also will incorporate our restoration efforts in our education programs.

Does the landowner support this project? Yes

Project Description

Timeline: Please detail the proposed timeline for this project.

Project design and contract solicitation during the summer of 2017. Award all contracts by the fall of 2017. Project implementation and administration from fall 2017 through fall 2018. Project completion fall 2018.

Please provide a brief overview of the proposed project, including background, purpose, partners and methods.

The TMDL and Swan Lake WRP identifies roads and crossings as the main source of sediment to the Swan Lake Watershed. The Swan Lake WRP identifies the implementation of BMPs and restoration as a primary method for achieving TMDL load allocations. These projects, primarily on DNRC lands, will reduce/eliminate sediment delivery. Site 1: Goat Cr(1) Failed log abutments could contribute sediment to Goat Cr at an abandoned bridge site. We will remove a bridge log abutment and conduct bank rehabilitation. Site 2: Goat Cr(2). The Goat Cr road crosses a stream that is tributary to Goat Cr. We will replace a creek ford crossing with a corrugated metal pipe (CMP). Site 3: Squeezer Cr. An abandoned road traverses a wetland that is tributary to Squeezer Cr. We will conduct CMP removal and site rehabilitation. Site 4: South Woodward Cr. We will recondition an abandoned road in the S. Woodward Drainage. This will include installing CMPs at creek crossing sites and installing drive-through dips and rubber flappers for surface drainage. Site 5: Whitetail Cr. Upstream from Whitetail Cr. a failed road bank is contributing sediment to a wetland that is tributary to Whitetail Cr. We would abandon and reclaim the road by CMP removal and site stabilization through terracing and re-vegetation and rehabilitate an existing alternate road route with brushing and improved road surface drainage. Site 6. Fenby Lane. Fenby Lane is a non-maintained Lake Co. road that accesses a USFS Trailhead. Recent timber sale activity has degraded the poorly designed road that no longer meets BMP's. The road is basically a ditch draining the water from the newly remodeled trailhead. This project is to meet BMP's on this road segment and provide a long term solution to the sedimentation problems that are occurring on adjacent Grassy Cr. that drains into Swan Lake. DNRC will administer contracts, conduct project effectiveness monitoring and contribute matching funds. In partnership will be Swan Valley Connections who will administer the grant and provide the educational component, FWP who will permit and oversee in-stream work, Lake Co. who will help pay for materials at Fenby Lane and provide engineering plans, and the USFS.