

Final Phase of Canyon Lake Project as 2012 Project

Original Canyon Lake renovation project as 2012 Project in 2005 Round of Funding

Phase One: Build bypass facility (pipe) to contain Rapid Creek inflows to Canyon Lake during renovation and/or maintenance of Canyon Lake (which is large silt trap).

Phase Two: Remove accumulated sediment from lake bed.

Project Funding Partners:

City of Rapid City	\$400,000
SDGFP	400,000
BH Fly Fishers	20,000
West Dakota Water Development District	<u>100,000</u>
	\$ 920,000

Current Project Status:

Construction of bypass facility has been completed at cost of approx \$760,000

SDGFP	\$400,000
City of Rapid City	340,000
BH Fly Fishers	20,000

Remaining Phase in 2012 Project: Remove accumulated sediment

Canyon Lake sediment loading (per FMG Engineering):	35,000 cy	
Priority Area 1 (blue) remove	11,350 cy @ \$11.65	\$132,000
Priority Area 2 (yellow) remove	<u>8,500 cy @ \$11.65</u>	<u>\$ 99,000</u>
Total Project	19,850 cy	\$ 231,000

Total Project Cost for adequate sediment removal: \$231,000 / \$260,000

Funding presently available for sediment removal of 19,850 cy:

City of Rapid City	\$ 39,000
WDWDD	<u>100,000</u>
Total funding available	\$ 139,000

Funding needed for adequate Canyon Lake sediment removal \$ 120,000

Matching Funds available:

WDWDD	\$ 50,000
BH Fly Fishers	10,000

Request matching funds from City of Rapid City \$ 60,000