



BLACK HILLS FLY FISHERS

Everett Hoyt, Treasurer
Post Office Box 1621 · Rapid City, SD 57709

April 9, 2014

Mr. Michael Howard
Mayor's Office
Rapid City, SD 57701

Re: Canyon Lake 2012 Project Status

Dear Mike,

Thanks so much for meeting with me on short notice to discuss the status of the Canyon Lake Renovation Project, which was funded as a 2012 Project in the 2005 round of project selection and funding. As you will see in the attached Project Status Memo, the final step in the Project, sediment removal from Canyon Lake, is to undertaken in connection with the drawdown of the lake level when the Canyon Lake dam is rebuilt.

We are concerned that the City is not prepared to fund and complete the sediment removal to the extent necessary to assure that Canyon Lake will be an attractive and user-friendly asset to the parks system of the City of Rapid City. If adequate silt removal is not achieved, Canyon Lake will remain a muddy, weed-choked slough, rather than the clean water lake which it can be if properly maintained.

Several funding partners have stepped forward to participate in the Canyon Lake renovation project, and two funding partners have agreed to contribute additional funds for sediment removal – if their funds are matched.

We hope that the City of Rapid City will consider increasing its commitment to the Canyon Lake renovation project by approximately \$50,000 so that the sediment removal can be completed in an "adequate" manner to restore water quality and appearance of Canyon Lake.

Sincerely yours,

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.

Repair or replacement of Canyon Lake Dam: Was not a part of this 2012 Project.

Initial Funding Estimate: \$ 1,000,000

Funding Partners:	City of Rapid City	\$400,000
	SDGFP	400,000
	BH Fly Fishers	20,000
	West Dakota Water Development District ...	100,000*
	(earmarked for sediment removal)	

Current Project Status:

Construction of bypass facility has been completed at cost of approx \$760,000, with funding as follows:

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

Remaining Phase in 2012 Project: Remove accumulated sediment

Remaining funding in RC 2012 project account: \$60,000

Sediment Removal Project

Estimated accumulated sediment in Canyon Lake as determined by FMG Engineering: 35,000 cubic yards

Contract let by City for removal of 11,350 cy @ 11.65 /cy for \$ 132,000

Funded by WDWDD:	\$100,000
City of Rapid City	32,000

Additional removal of sediment recommended: 8,500 cy for \$99,000

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

Funding presently available for "adequate" sediment removal of 19,850 cy

City of Rapid City	\$ 39,000
WDWDD	100,000
WDWDD matching funds	50,000
BH Fly Fishers	10,000
Total funding committed (with match challenge)	199,000

Funding needed for "adequate" sediment removal \$60,000

Canyon Lake Sediment Removal Project

Priority Areas 1 (blue)

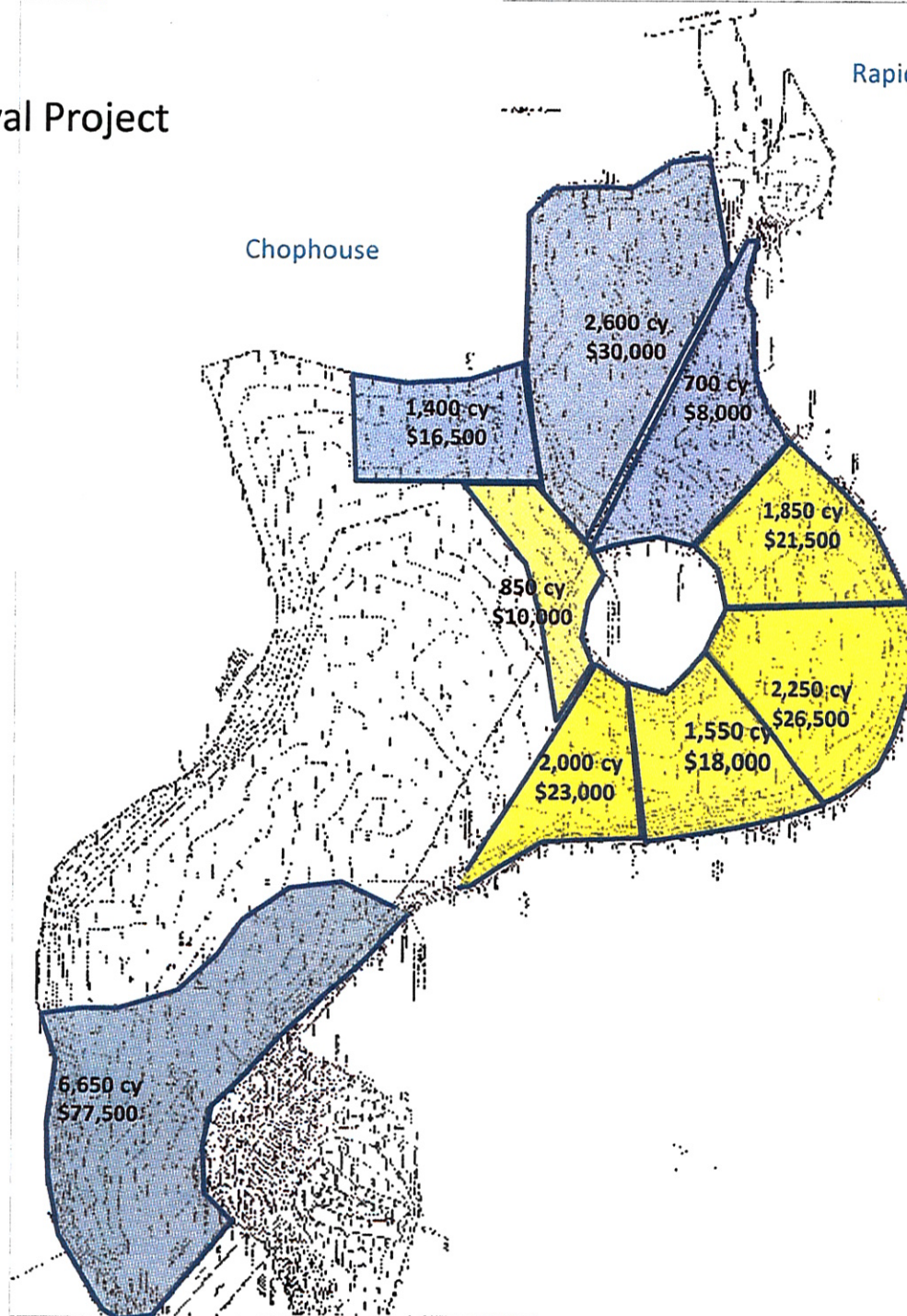
1,400 cy	\$16,500
2,600 cy	\$30,000
700 cy	\$8,000
6,650 cy	\$77,500
11,350 cy	\$132,000

Priority Areas 2 (yellow)

1,850 cy	\$21,500
2,250 cy	\$26,500
1550 cy	\$18,000
2000 cy	\$23,000
850 cy	\$10,000
8,500 cy	\$99,000

Total Project Cost

19,850 cy	\$231,000
Adjusted	\$260,000



Funding

WDWDD C	\$100,000
WDWDD P	\$50,000
City of RC	\$39,000
Fly F Club	\$10,000
Total	\$199,000

~\$60,000 needed

Seeking other sponsors

Also plan to seek funds for

1. Weed control maintenance
2. Up/down stream enhancement