Memorandum of Understanding

Between

South Dakota Game, Fish and Parks

And The

City of Rapid City

And The

West Dakota Water Development District

And The

Black Hills Fly Fishers

This Memorandum of Understanding (MOU) is hereby made and entered into by and between the South Dakota Game, Fish and Parks, hereinafter referred to as “SD GFP”, and the City of Rapid City, hereinafter referred to as “City”, and the West Dakota Water Development District, hereinafter referred to as the “WDWDD”, and the Black Hills Fly Fishers, hereinafter referred to as the “BHFF”.

I. Background
Canyon Lake is a 25 acre lake located in Rapid City, SD. Flows from Rapid Creek enter the lake and deposit sediment especially during high flow flood events. Periodic maintenance is required to remove sediment which can affect lake water quality, fishing access, and available habitat for the fishery. The lake was scheduled to be mechanically dredged with excavators in the winter of 2015 when the lake was drawn down for dam removal and repair but high flows prevented this from occurring. Barge dredging was explored by the City as a possible method for removal but bids exceeded the $328,740 available for the project. SD GFP was contacted to determine if a dredge could be purchased and operated by SD GFP to dredge Canyon Lake and stay within the budget of $328,740. Funding Sources for the project are as follows:
**II. Purpose**

The purpose of this MOU is to document the cooperation between the parties to establish procedures and responsibilities regarding purchase, operation, maintenance and ownership of the Dino Six cutter head dredge and all necessary discharge hose, dewatering bags and sediment disposal after dredging and dewatering of Canyon Lake has occurred.

**III. SD DENR:**

A. SD DENR approved a $155,000 grant for sediment removal from Canyon Lake. The grant was awarded through the State Revolving Fund as a Consolidated Grant. SD DENR will need to obtain approval from the Board of Water Management which will be to direct funds directly to SD GFP. SD DENR will not be part of this agreement.

**IV. SD GFP SHALL:**

A. Purchase the dredge and supplies required to perform the dredging of Canyon Lake in three phases with money from the funding sources identified above.

B. Dredge three, predefined sections of Canyon Lake, removing approximately 5,000 cubic yards of sediment from each section for a total of 15,000 cubic yards. The dredging work will begin the spring/summer of 2017 and will be completed over a 2 to 3 year period.

C. Future maintenance dredging may occur if cooperative funds are still remaining after project completion. It is noted that one of the more expensive aspects of this project is the loading and transportation of the sediment to a location for disposal or re-use. Cooperators will develop a plan to reduce this cost.

D. SD GFP will work with the city on proper dewatering bag suitability and placement.

E. SD GFP shall own, maintain and operate the dredge and required dredging accessories.

F. SD GFP may utilize the dredge at other locations throughout western South Dakota to improve and enhance the beneficial use of water bodies. Except for the funds used to purchase the dredge and accessory equipment, no other monies designated for the Canyon Lake dredging project will be used for other projects.

G. Assist with finding alternative economical avenue for the sediment and bag disposal but will not be financially responsible for sediment transport and disposal away from the site after each phase of dredging is complete.

H. Provide periodic updates to WDWDD on sediment removal activity for Canyon Lake. WDWDD will convey this information to other parties at their meetings. This will occur after each phase of dredging is complete.

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>WDWDD</td>
<td>$150,000</td>
</tr>
<tr>
<td>SD DENR*</td>
<td>$155,000</td>
</tr>
<tr>
<td>City of Rapid City</td>
<td>$13,740</td>
</tr>
<tr>
<td>Black Hills Fly Fishers</td>
<td>$10,000</td>
</tr>
<tr>
<td><strong>Total Funds</strong></td>
<td><strong>$328,740</strong></td>
</tr>
</tbody>
</table>

*SD DENR is creating a separate agreement with SD GFP – contribution is still $155,000.*
V. THE CITY OF RAPID CITY SHALL:
   A. Provide suitable size area and locations for the placement of dewatering bags during the
dredging and dewatering process.
   B. Provide $13,740 dollars to SD GFP for the purchase of the dredger and supplies required
to perform the dredging of Canyon Lake.
   C. Work cooperatively with SD GFP and other funding partners to find cost effective
   alternatives for the disposal of sediment and sediment dewatering bags after each phase
   of completion.

VI. WEST DAKOTA WATER DEVELOPMENT DISTRICT SHALL:
   A. Provide $150,000 funding or grant dollars for the purchase and maintenance of the cutter
   head dredge, pipe, sediment bags and polymer if required for barge dredging Canyon
   Lake.

VII. THE BLACK HILLS FLY FISHERS SHALL:
   A. Provide $10,000 toward sediment removal project.

VIII. DURATION
   This MOU is at-will and may be modified by mutual consent of authorized officials from
   WDWDD, SD GFP, BHFF, and CITY. This MOU shall become effective upon signature by the
   authorized officials from the WDWDD, SD GFP, BHFF, and CITY and will remain in effect
   until terminated by mutual consent of the parties. In the absence of mutual agreement by the
   authorized officials from WDWDD, SD GFP, BHFF, and CITY, this MOU shall terminate on
   December 31st, 2026.

Contact Information
Partner: West Dakota Water Development District
Contact: Mike Mueller, Chairperson
Address: 402 Saint Joseph Street, Rapid City, SD 57701
Telephone: (605)394-2685 (cell phone)
E-mail: administration@westdakotawater.com

Partner name: South Dakota Game, Fish and Parks
Contact: Kelly R. Hepler, Secretary
Address: 523 E Capitol, Pierre, SD 57501
Telephone: 605-773-3389
E-mail: Kelly.Hepler@state.sd.us

Partner name: Black Hills Fly Fishers
Contact: David Hanna
Address: PO Box 1621, Rapid City, SD 57703
Telephone: 
E-mail: blackhillsflyfishers@gmail.com
Partner name: City of Rapid City
Contact: Steve Allender, Mayor
Address: 300 Sixth Street, Rapid City, SD 57701
Telephone: (605)394-4110
E-mail: mayoroffice@rcgov.org

________________________ Date:
(Mike Mueller)
(WDWDD, Chairperson)

________________________ Date:
(Kelly R. Hepler)
(SD GFP Secretary)

________________________ Date:
(David Hanna)
(Black Hills Fly Fishers, President)

________________________ Date:
(Steve Allender)
(City of Rapid City, Mayor)