

From: Rogers, Tim <Tim.Rogers@blackhillscorp.com>
Sent: Friday, September 05, 2014 8:34 AM
To: Weifenbach Ron; Doyle Charity; Laurenti Steve; Nordstrom Ritchie; Lewis Chad; Wright Jerry; Scott Amanda; Roberts John; Drew Darla; Estes Brad
Cc: Wolterstorff Terry; evhoyt@rap.midco.net; Mayor's Office Group
Subject: Resend of Message: Canyon Lake Sediment Removal Project - Request for Assistance

Good Afternoon Council Members – this is a re-send. I hit the “sent” button instead of “save” button to allow for proof-reading - sorry,

Earlier this year, we (Black Hills Fly Fisherman and West Dakota Water Development District) approached the Public Works Committee and the City Council to seek 2012 funds for the Canyon Lake sediment removal project. It is my recollection that the City Council directed the Public Works Office to provide an update by July 15 to either the Council or Public Works Committee on potential available 2012 funds for the project. It was discussed that there were potential funds available, but cost increases with the Dam Construction delay (1-year delay) needed to be negotiated with the contractor (Scull Construction). Terry Wolterstoff, Public Works Director, has indicated the negotiations have created a delay coming to the Committee or Council with an answer.

Financial Review: The sediment removal project cost is \$415,000. West Dakota has set aside \$100,000 for sediment removal – with another \$50,000 matching money (by the City or Private entity). Black Hills Flyfisherman have set aside a \$10,000 match (again with City or Private entity). We are seeking \$100,000 from the 2012 funds. It was identified by Mr. Hoyt, Fly Fisherman Club, at our earlier meetings that at one time 2012 money was set aside for the sediment removal, but apparently has been removed and shifted to another project. In a nutshell, we have \$100,000 dedicated to the \$415,000 project. If the City contributes \$100,000, this will put the amount to \$260,000 dedicated funds (includes matching funds) with a great chance of securing the State Grant for another \$100,000 or a total of \$360,000 (West Dakota is also assisting the City in applying for a State Grant for ~\$100,000. This is not a sure thing and would not be granted until January of 2015. It is somewhat imperative for the City to provide funding to obtain this grant).

Project Overview: The lake has experienced excessive sediment build up varying in depth from 8 in. in the recreational area to 3 ft. in the deeper reaches (Sediment map based on FMG Eng. survey 2011 (Attachment A)). Removal would be completed using standard equipment such as bulldozers, backhoes, and dump trucks. The majority of the cost is sediment removal and transport. The sediment will be taken to GCC Cement that will create a significant cost savings for the project. It is a short haul distance to GCC as compared to taking to a disposal facility and the sediment is going to be used for reclamation purposes. This will reduce transportation costs and sediment disposal costs. The sediment decreases the lake's holding capacity, creates an environment for weed growth in the more shallow areas. This creates safety issues for recreational use and basically gives the lake an unpleasant vista. With that said, the lake serves as a sediment trap for the Rapid Creek. Rapid Creek is a Blue Ribbon Trout Fishery and this possible with the sediment trapping functionality of the Canyon Lake Dam.

Schedule of Project: The sediment removal project is planned to be conducted at the same time as the dam restoration project addressing structural deficiencies and safety concerns. The lake will be drawn down starting in October of 2014 and the Dam Construction and Sediment removal will continue on through February of 2015.

Action requested: At the meeting earlier this year, it appeared to be a consensus from the council that the project needs to be completed. We are at a juncture to secure funding and I ask for your assistance to secure the available 2012 dollars for this project. We are doing everything in our power to secure funding to remove sediment from the lake, but need your assistance. Thank you.

Please feel free to contact me by email or cell phone (605-787-0015).

Tim Rogers – Chairman of the West Dakota Water Development District

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