



Legislation Details (With Text)

File #: 15-0090 **Version:** 2 **Name:** Army Corp Regional Water Supply Study
Type: Resolution **Status:** Passed
File created: 2/25/2015 **In control:** City Council
On agenda: 4/14/2015 **Final action:** 4/14/2015
Title: Approval of surveys for the Army Corps Regional Water Supply Study
Sponsors: Engineering Department, Tim Begley

Indexes:

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
4/14/2015	2	City Council	approved as recommended	Pass
4/7/2015	2	Work Session	received and filed	
3/3/2015	1	Work Session	received and filed	

Approval of surveys for the Army Corps Regional Water Supply Study

SUMMARY: The Engineers working on the Regional Water Supply Study have reviewed previous stage storage estimates for Meadow Park Lake. They believe that the estimates could have a large error percentage. They have recommended to the Army Corp and City that a bathymetric survey be completed on Meadow Park Lake and Holiday Lake. The end result for a bathymetric survey would be an underwater topo map of the lake. The topo map would be used to calculate the true volume of water that could be utilized for potable water production. This would also be a very valuable tool during drought situations, in calculating the volume of remaining water in the lake and determining the recovery period of the lake.

The Army Corp has determined that they can perform the surveys on the three lakes and estimates the cost for Meadow Park to be around \$5,500 total, Holiday Lake to be around \$5,500 and Tansi Lake to be around \$11,000. The City's share would be 25% of total.

The first opportunity the Army Corp Survey Crew has to perform the survey at Meadow Park is April 13th, the day before the Council meeting. Staff has told them to proceed because this is holding the study up and the cost to the City can be approved by the City Manager. The next available date is April 27th and if the Council approves the appropriation they can start the survey on Holiday Lake on that date.

BUDGET ACCOUNT: 413-41990-290

NECESSARY COUNCIL ACTION: Approve the appropriation of the funds for the surveys of Meadow Park Lake, Holiday Lake and Lake Tansi.