

COUNCIL ACTION FORM

SUBJECT: ADA HAYDEN HERITAGE PARK WATER QUALITY MONITORING

BACKGROUND:

The lakes at Ada Hayden Heritage Park are used recreationally for fishing and boating and act as an indirect water source for the Ames Water Plant in times of extreme drought. In-depth monitoring of the lakes' health has not been conducted since the summers of 2009 and 2010. Staff recommends monitoring of the lakes' health every 5-7 years.

On February 15, 2017 a request for proposals (RFP) for professional services was issued for Water Quality Monitoring at Ada Hayden Heritage Park to be performed in 2017 and 2018. On March 17, 2017, the City received two proposals in response to the RFP. Each firm also proposed additional monitoring related to the lakes' inflows and outflows to better understand the dynamics of the lakes. Firms were asked to submit their fee proposals in separate, sealed envelopes from their qualification-based proposals to allow staff to make a selection based strictly on the firms' qualifications for the project.

After thorough review of each firm's proposal, staff determined that the State Hygienic Laboratory was the most qualified firm for the study. Following selection of the State Hygienic Laboratory, fee proposals were opened. Fee proposals from each of the firms submitting proposals for this project are listed below.

	Base Proposal	Alternate Proposal	Total Fee
Iowa State Univ. – Limnology Laboratory	\$38,059.20	\$25,444.80	\$63,504.00
State Hygienic Laboratory	\$14,247.40	\$16,543.40	\$30,790.80

Staff has worked with the State Hygienic Laboratory before for analysis related to drinking water and wastewater. Staff is confident that the State Hygienic Laboratory will provide a quality study to use for future planning purposes. The contract also includes \$5,000 for additional monitoring to be used only at the request of the City. The total contract amount would be \$35,790.80.

The project is included in FY 16/17, FY 17/18, and FY 18/19 Capital Improvements Plan as shown.

Funding Sources:

FY 16/17 CIP	\$ 20,000
FY 17/18 CIP	\$ 40,000
FY 18/19 CIP	\$ 20,000
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Total Funds Available	\$ 80,000

ALTERNATIVES:

1. Award a contract for water quality monitoring services at Ada Hayden Heritage Park to the State Hygienic Laboratory of Coralville, Iowa in the amount of \$35,790.80.
2. Do not award a contract at this time.

MANAGER'S RECOMMENDED ACTION:

The lakes at Ada Hayden Heritage Park are identified in the Ames Water Treatment Plant's Drought Management Plan as a source of replenishment for the Ames aquifer and are used by the community for recreation. The long-range capital budgeting plan for the Water Utility includes monitoring of the lakes' health every 5-7 years. Staff has solicited proposals for the work and has selected the University of Iowa State Hygienic Laboratory as the proposal in the best interests of the City. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as described above.