



ITEM 11D

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WATER POLLUTION CONTROL

MEMORANDUM

To: Gregg Mandsager, City Administrator

CC: Nancy Lueck, Finance Director
Fran Donelson, Secretary

From: Jon Koch, WPCP Director

Date: September 24, 2014

Re: Lab Annex BOD Lab Dishwasher Purchase

INTRODUCTION: A new BOD laboratory grade dishwasher needs to be purchased for the Laboratory Annex Project. Three bids were received with the lowest acceptable bid coming from Midland Scientific for \$9,528.09 for the Labconco BOD bottle dishwasher. \$12,000 was budgeted for this item.

BACKGROUND: Currently the lab uses disposable plastic BOD (Biochemical Oxygen Demand) bottles to run the BOD test. BOD is used for DNR reporting to indicate the biological strength of water at multiple stages in the treatment process. It is also the leading indicator of pollution in industrial wastewater monitoring. The new permit for the WPCP will increase the frequency of BOD testing from 5 to 7 days a week. The WPCP currently spends over \$7,000 annually to purchase disposable BOD bottles. The lab currently has enough washable glass BOD bottles for its required testing. A BOD dishwasher was not used in the past due to space limitations in the old lab. The two competing bids received from laboratory grade manufacturers were: Miele, Inc. for \$11,061.70 and Fisher Scientific for \$5,978.08. Fisher Scientific did not bid to specifications and had their bid rejected.

RECOMMENDATION/RATIONALE: Staff recommends the purchase of a Labconco BOD bottle dishwasher from Midland Scientific for \$9,528.09 for the new Lab Annex Project.