

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: April 24, 2013

Board Item:2A7

Dynamic Stream Temperature Modeling for the Moffat Collection System Project

Action by Consent

Action

Information

The permitting process for the Moffat Collection System Project (Moffat Project) was initiated by Denver Water in 2003. Since that time the U.S. Army Corps of Engineers (Corps), the lead permitting agency for the Moffat Project, has directed numerous studies for preparation of an Environmental Impact Statement (EIS). The Draft EIS was issued for public review and comment in October 2009 and a Preliminary Final EIS was issued for agency review and comment in September 2012.

Presently, the Corps is modifying the EIS based on comments received on the Preliminary Final EIS. These modifications resulted in additional analysis and clarification by the Corps' consultant team. On February 27, 2013 the Board approved an additional \$1.6 million to pay for the additional consultant work required by the Corps to finish the Final EIS by February 2014.

As part of the permitting process for the Moffat Project, the Colorado Department of Public Health and Environment (CDPHE) is requesting Denver Water develop and use a Dynamic Stream Temperature Model (DSTM) and submit the model results in its application for 401 water quality certification. That is why Denver Water is asking the Board to contract with Miller Ecological Consultants to complete the DSTM for a cost not-to-exceed \$200,000.

The Moffat Project (1AL0014) is part of the Reservoirs and Dams Program and does not include sufficient funds for this amendment in the 2013 budget. \$400,000 in additional funding is coming from the Treatment Program, specifically unused funds from the Marston Treatment Plant Washwater Recovery Tank; and \$200,000 from the Supply Development Program, specifically \$100,000 from Lawn Irrigation Return Flows and \$100,000 from WISE.

Budget Considerations

Master Plan Code: 1AL0014

Additional Funds from Project(s): 2CE0548, 1AL0003, and 1AL0022

2013 Budget	\$500,000
Additional Funds – Treatment Program	\$400,000
Additional Funds – Supply Development Program	\$200,000
Revised 2013 Budget	\$1,100,000
YTD Expenditures	\$190,608
Additional Expenditures Anticipated	\$909,392
Revised 2013 Estimate	\$1,100,000
Variance Required	\$0

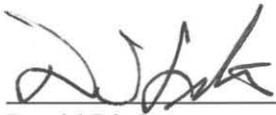
Recommendation:

It is recommended that the Board authorize the attached contract with Miller Ecological Consultants, Inc and the reallocation of funds as described.

Approvals:



Patti Wells
General Counsel



David Little
Director of Planning



James Lochhead
CEO/Manager