

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: June 8, 2011

Board Item: V-E-7

Fraser River Nonpoint Source Pollution Control IGA

Action by Consent

Action

Information

The objective of this IGA is to provide for the construction of a sediment containment area at Denver Water's existing Fraser River Diversion Dam facility (Diversion Dam) that can be used to trap anthropogenic (human-caused) sediments in the river and hold them for removal to improve the water quality and overall health of the aquatic ecosystem.

The Fraser River has been heavily impacted by sediments resulting from years of traction sand application by the Colorado Department of Transportation (CDOT) on Berthoud Pass. Over two decades ago, Denver Water agreed to use our Diversion Dam for this project so long as it does not affect our ability to fully operate our water rights on the Fraser River. This project is anticipated to benefit the many water uses on the Fraser River by significantly improving water quality for municipal water providers downstream as well as providing much improved conditions for the aquatic environment. Because of the location of the Diversion Dam and the proposed improvements to trap and hold sediment, no other facilities will need to be built on the Fraser River, eliminating the need for additional structures or environmental impacts.

This IGA, between Denver Water, CDOT, Grand County and the Town of Winter Park, describes the roles and responsibilities of each party and ensures that Denver Water's waterworks purposes will not be affected by the project. Denver Water will construct, own, operate and perform minor maintenance and repair of the project. CDOT is responsible for annually removing and disposing of the accumulated sediment.

Denver Water will bid and construct the project under our standard contracting methods. The estimated construction cost is \$295,690. Denver Water will contribute up to \$50,000 from the Mediation budget; the remainder of the construction cost will be reimbursed to Denver Water through the terms of this IGA. The Engineering Division will bring a separate Board Item for the construction of the facility in August 2011. Construction is expected to begin in September 2011.

Recommendation:

Staff recommends that the Board approve the IGA to construct the Fraser River sediment basin.

Approvals:

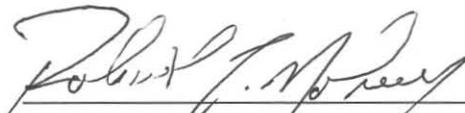


Dave Little
Director of Planning

Respectfully submitted,

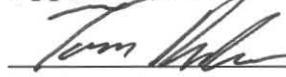


James S. Lochhead, CEO/Manager



Robert J. Mahoney
Director of Engineering

Approvals, cont.



Tom Roode
Director of Operations & Maintenance