

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: April 13, 2011

Board Item: V-E-1

**SECOND AMENDMENT TO AGREEMENT NO. 13293A, ARCADIS U.S. INC.**

Action by Consent

Action

Information

On October 19, 2010, Denver Water entered into a contract with Arcadis U.S. Inc. ("Arcadis") (formally Malcolm Pirnie Inc.) to assist Denver Water in evaluating technical information regarding the Schwartzwalder Mine. Owned and operated by Cotter Corporation, the Schwartzwalder Mine has been discharging high uranium concentrations to Ralston Creek, directly above Ralston Reservoir and Upper and Lower Long Lakes Reservoirs.

The contract with Arcadis was originally for \$42,000, and required several deliverables including two technical memorandums, and a GIS regional map of the mine site.

The contract was amended on January 6, 2011 to increase the contract amount by \$55,000 to an overall contract amount of \$97,000. Under this first amendment, Arcadis agreed to prepare a third technical memorandum, to attend several internal and external technical meetings regarding the Schwartzwalder Mine, and to complete work on the two technical memorandums which were more complex than originally anticipated.

Under the Second Amendment, Contract No. 13293A will be amended to provide for the following:

- Arcadis will prepare a supplement to a technical memorandum addressing new data and information provided by Cotter Corporation.
- Arcadis will evaluate new remediation proposals by Cotter Corporation, and offer verbal recommendations to the Board's staff regarding the effectiveness of the proposals.
- Arcadis will attend additional technical meetings, agency hearings, and internal meetings on behalf of the Board on an as needed basis.
- The contract amount will be increased by \$53,000 to an amount not to exceed \$150,000.

Recommendation:

It is recommended that the Board approve the Second Amendment to Contract No. 13293A.

**Approvals:**

Respectfully submitted,



Director of Operations & Maintenance



James S. Dochhead, CEO/Manager



General Counsel