

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: March 23, 2011

Board Item: 2-A-2

Refund to Ken-Caryl Water & Sanitation District

Action by Consent

Action

Information

In 2005, Denver Water replaced two 10-inch turbine meters that serve Ken-Caryl Water & Sanitation District (the District) with magnetic meters. The magnetic meters were installed to allow water to flow into and out of the District without reversing any of the meter components. In early 2009 the District informed Denver Water that they had noticed billing irregularities since the magnetic meters had been installed. The District asked that the meters be replaced with the original turbine style meter and that they be reimbursed for being overbilled. The District's historic loss rate with turbine meters was approximately 4%. After the magnetic meters were installed, their loss rate varied from -6.75% to +13%. Ken-Caryl's historic loss rate of 4% is consistent with the loss rate of other master meter districts.

Denver Water investigated the matter and had the meters tested by an outside engineer. The engineer found the meters settings to be incorrect and recalibrated them. Denver Water and Ken-Caryl agreed to have the meters tested every four months and Ken-Caryl was issued a refund of approximately \$19,000 for the period 2005 – Oct 2009.

In February 2011, the District again contacted Denver Water. Despite regular testing of the meters the District was experiencing a loss rate of over 14%. The District has again asked that the meters be removed and replaced with turbine meters and that the District be reimbursed for over billing.

Denver Water staff is taking steps to have the magnetic meters replaced with turbine meters. This work can be done before the 2011 load season and will allow Denver Water to work around its planned Belleview pump station outage. A long term solution can be evaluated and necessary work can be included in a later vault capital program.

Recommendation:

Staff recommends that the Board authorize a refund of \$304,970.30 to Ken-Caryl Water & Sanitation District for the period November 2009 through February 2011. The District agrees with the methodology and the calculated refund.

Approvals:

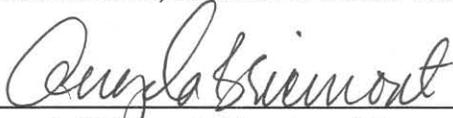
Respectfully submitted,



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