

**Metropolitan Domestic Water Improvement District  
Board of Directors Meeting**

**June 10, 2013**

**Approval of Amendment No. 1 for the Analytical Laboratory Services Contract  
for Synthetic Organic Chemicals (SOCs) Analysis**

**Synopsis**

The Board of Directors is requested to approve Amendment No. 2 for the analytical services contract for Synthetic Organic Chemical (SOCs) analyses with Eurofins Eaton Analytical, Inc. (formerly MWH Laboratories) to increase the contract amount and to extend the contract through Fiscal Year 2013/2014. This will ensure that the District complies with the Arizona Department of Environmental Quality's Drinking Water Rules.

**Background**

According to the Arizona Department of Environmental Quality (ADEQ) Drinking Water Rules, the District must monitor for regulated Synthetic Organic Chemicals for two non-consecutive quarters once every three years unless a waiver exists for existing sampling locations. The District must monitor for both Unregulated and Regulated Synthetic Organic Chemicals for new Source Water samples, and for four quarters with no detections for new sampling locations. Synthetic Organic Chemicals (SOCs) are man-made chemicals consisting of PCB's (Polychlorinated Biphenyls), pesticides and herbicides. These contaminants are listed on the attached proposal. If an SOC is detected at greater than 50% of the drinking water MCL (Maximum Contaminant Level), the District must monitor for a minimum of two consecutive quarters until the results are below the MCL. If an SOC is detected at the MCL or greater, the District must monitor at least four consecutive quarters until results are below the MCL. MCL values are provided in the attached proposal. The District monitors SOCs at 22 active Entry Points into the Distribution System (EPDSs) within the District's Metro-Main Service area. The ADEQ MAP program monitors for SOCs at the District's Metro-Hub and Metro-Southwest Service areas, but the District would be responsible for at least the first year of SOC monitoring in the Metro-Hub and Metro-SW Service area should a new well be installed. Currently, the District has monitoring waivers for the 2012-2014 monitoring period at 21 of its 22 active EPDS' for the Metro-Main Service area. However, one EPDS requires quarterly monitoring since it is a new well/EPDS. Another new wells/EPDS' is also anticipated to be active within the next few months at Metro-Main, and will also require quarterly monitoring. In addition, ADEQ does have the right to revoke the monitoring waivers if it chooses to do so. An Entry Point into the Distribution System (EPDS) is the point at which water is discharged from a well, storage tank, reservoir or pressure tank into the distribution system after treatment, prior to any service connection.

**Issues**

Based on the state and federal drinking water regulatory requirements to analyze for Synthetic Organic Chemical Analyses (SOCs), the District requires the renewal of the Analytical Laboratory Services Contract for SOCs for the FY 2013/2014. In June 2011, the Board of Director's approved the Synthetic Organic Chemical Analytical Contract with Eurofins Eaton Analytical, Inc. (formerly MWH Laboratories), with the ability to extend the contract two additional years. This would be the third year of the Contract, pending Board approval. Staff prefers to retain the services of Eurofins Eaton Analytical, Inc. (formerly MWH Laboratories) for an additional year, rather than soliciting for RFPs to select a new laboratory to complete these analytical services due to their past performance.

Should the District need an emergency/back-up laboratory for SOCs when Eurofins Eaton Analytical, Inc. (formerly MWH Laboratories) is unavailable or cannot meet a certain turn-around time, or for any other issues that may arise, TestAmerica Laboratories, Inc. in Tucson and Phoenix has quoted the District a price of \$1,015.00 for SOCs, including Dioxin.

It is anticipated for FY 2013/2014, the total cost for the SOC analytical services contract will not exceed \$16,500. The Contract amount will be increased for FY 2013/2014 by \$1,500. Funds for these analytical services were included in the proposed FY 2013/2014 Budget for Water Quality Testing Services. The amendment includes all compliance, new well and contingency sampling that may occur.

**Staff Recommendation**

Staff recommends that the Board of Directors approve Amendment No. 2 to the analytical services contract for Synthetic Organic Chemicals with Eurofins Eaton Analytical, Inc. (formerly MWH Laboratories) to extend the contract's expiration date to June 30, 2014 and to increase the contract amount to \$16,500 for FY 2013/2014.

**Suggested Motion**

I move that Amendment No.2 for the Analytical Laboratory Services Contract for Synthetic Organic Chemicals with Eurofins Eaton Analytical, Inc. (formerly MWH Laboratories) to extend the contract's expiration data to June 30, 2014 and to increase the contract amount to \$16,500 for FY 2013/2014 be approved.

Respectfully submitted,

Christopher W. Hill  
Deputy Manager

I concur with the above-noted recommendation.

Respectfully submitted,

Mark R. Stratton, P.E.  
General Manager