

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: COLIN CLOSE, WATER USE EFFICIENCY COORDINATOR
WATER DEPARTMENT
SUBJECT: APPROVAL OF A LETTER OF AGREEMENT WITH MOULTON
NIGUEL WATER DISTRICT FOR PARTICIPATION IN THE
CALIFORNIA DATA COLLABORATIVE

AGENDA ACTION: RESOLUTION

RECOMMENDATION

It is recommended by the Water Department that the Board, by Resolution, approve a Letter of Agreement with Moulton Niguel Water District in the amount of \$27,792 for participation in the California Data Collaborative.

EXECUTIVE SUMMARY

The purpose of this action is to approve a Letter of Agreement with Moulton Niguel Water District for participation in the California Data Collaborative.

BACKGROUND

Santa Rosa Water wishes to participate in the California Data Collaborative (Collaborative), a new not-for-profit effort to share data among California water utilities to improve water efficiency programs, demand management forecasts, and rate analyses.

The Collaborative began in January 2016 and currently includes eleven water agencies: East Bay Municipal Utility District, Eastern Municipal Water District, Inland Empire Utilities Agency, Irvine Ranch Water District, Las Virgenes Municipal Water District, Santa Margarita Water District, Monte Vista Water District, Metropolitan Water District of Southern California, El Toro Water District, Sacramento Department of Utilities, and Moulton Niguel Water District (which also serves as administrator and fiscal agent for the Collaborative).

Santa Rosa's participation will include sharing account level water usage data for analysis and comparison to other water agencies in the Collaborative.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

None

ANALYSIS

The Collaborative is a statewide coalition of water utilities throughout California interested in applying integrated data analysis and tools to advance water reliability strategies. Working in partnership with UC Davis, the Collaborative is developing new data infrastructure to improve efficiency measures, refine demand management strategies, develop long-term sustainable solutions, and respond to State mandates.

By participating, Santa Rosa Water will gain access to tools that allow staff to analyze customer water savings from water use efficiency programs, forecast short term (1-4 week) water demand, predict revenue reliability, and quantify the square feet of irrigable land cover within Santa Rosa.

Land cover analysis will be particularly important to guiding Santa Rosa's response to emerging State mandates. The Governor's Executive Order B-37-16 calls for water targets that are customized to the unique conditions of each water agency and that result in more conservation than current State requirements. Per the Executive Order, targets for outdoor irrigation will integrate landscape area, local climate, and satellite imagery. The State has stated it will provide land cover analysis data to agencies along with an outdoor water budget for single-family residences for each jurisdiction. However, the State's data will be aggregated (not provided on a parcel by parcel basis). Obtaining land cover analysis by parcel will ensure staff can assess water budget trends on a parcel basis.

FISCAL IMPACT

The cost of participation in Phase 1B (outlined in Appendix 1) is a one-time payment of \$27,792. The source of funds will be JL Key 55495 (Water Conservation- Indoor, Water Fund), 70670 (Water Conservation – Indoor, Sewer Fund), and 55527 (Water Peak Reduction), which were appropriated in the adopted budget for Fiscal Year 2016-17.

ENVIRONMENTAL IMPACT

This action is exempt from the California Environmental Quality Act (CEQA) because it is not a project which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment, pursuant to CEQA Guideline section 15378.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

None

ATTACHMENTS

- Attachment 1 – Letter of Agreement
- Attachment 2 – Appendix 1

CONTACT

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