

**STAFF REPORT**

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**Date:** March 13, 2024

**To:** Mayor and City Council

**Through:** Doug Thornley, City Manager

**Subject:** Staff Report (For Possible Action): Approval of an interlocal agreement with the Truckee Meadows Water Authority (TMWA) for wastewater sampling and testing at the Reno-Stead Water Reclamation Facility (RSWRF), as part of the Enhanced Source Control Program (ESCP) required for the OneWater Nevada Advanced Purified Water Facility (APWF) Project at American Flat in the sum of \$400,000 with the City of Reno's share not to exceed \$200,000. (Sewer Fund)

**From:** Joe Coudriet, Senior Civil Engineer

**Department:** Utility Services

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**Summary:**

The permitting and implementation of the Advanced Purified Water Facility (APWF) Project at American Flat requires an Enhanced Source Control Program (ESCP) to address federal and state requirements. This Interlocal Agreement (ILA) with the Truckee Meadows Water Authority (TMWA) will provide for a 50/50 cost share for the wastewater sampling and testing required at the Reno-Stead Water Reclamation Facility (RSWRF) as part of the ESCP, in the sum of \$400,000, with the City of Reno's (Reno) share not to exceed \$200,000 (Sewer Fund).

<b>Consent Review</b>	<b>Yes</b>	<b>No</b>
1. Is this item an annual or standard item that comes before Council for regular approval?		X
2. Is this item an agreement required based on an item previously approved by Council?		X
3. Is this item included in the current budget approved and adopted by Council?	X	
<b>Other Considerations</b>		
What percent of the total City budget does this item represent?		<b>0.02%</b>

**Alignment with Strategic Plan:**

Economic and Community Development

Infrastructure, Climate Change, and Environmental Sustainability

**Previous Council Action:**

December 8, 2021 – Council approved an agreement with AECOM Technical Services, Inc., for planning and engineering services associated with 30% design for the OneWater Nevada Advanced Purified Water Demonstration Project at American Flat in the amount of \$2,010,586 with \$603,175.80 to be reimbursed as a cost share with TMWA for a net of \$1,407,410.20.

November 10, 2021 – Council approved an ILA with TMWA for the design and implementation of the OneWater Nevada APWF Project at American Flat with cost sharing in the anticipated sum of \$102,994,400, with the City of Reno's share anticipated at \$72,096,080. The capital improvements and related engineering/planning costs incurred by each entity will be shared jointly between Reno and TMWA at the agreed-upon 70/30 percent split.

November 4, 2020 – Council approved an agreement with AECOM Technical Services, Inc. for a Basis of Design Report for planning and engineering services associated with the RSWRF American Flat Aquifer Storage and Recovery Project in the amount of \$347,700, shared 50/50 with TMWA (Reno's portion was \$173,850, TMWA's portion was \$173,850).

September 23, 2020 – Council directed staff to explore future agreements with TMWA for the implementation of the American Flat Advanced Purified Water Demonstration Project.

**Background:**

OneWater Nevada is a unique effort initiated by the City of Reno; TMWA; the University of Nevada, Reno (UNR); the City of Sparks; Washoe County; the Northern Nevada Water Planning Commission (NNWPC); the Western Regional Water Commission (WRWC); and the Truckee Meadows Water Reclamation Facility (TMWRF) to evaluate and determine if the State of Nevada's Category A+ reclaimed water quality, or advanced purified water, offers regional long-range water resiliency and supply benefits. In partnership, Reno and TMWA continue to move towards a 60% design for the APWF.

Reno operates a Source Control Program which ensures that discharges to the sanitary sewer system meet National Pollution Discharge Elimination Standards (NPDES) and avoid harmful constituents to the wastewater treatment process at the RSWRF. However, enhancements to this program are needed as part of the permitting and operation of the APWF Project. Both Reno and TMWA share a common interest in creating an ESCP as required for the APWF project.

UNR's Nevada Water Innovation Institute (NWII) is under contract with the WRWC to advise

on the technical details required to implement an ESCP at the RSWRF. The WRWC work to support field activities and analysis specific to the RSWRF and the RSWRF collection system are included in an ILA between the WRWC and the UNR/NWII. However, additional funding is needed to provide for wastewater sampling and testing at the RSWRF.

**Discussion:**

This ILA before Council will provide for the laboratory work and instrumentation at the RSWRF to enhance our Source Control Program, which is not covered under the ILA between WRWC and NWII, nor is it covered by the existing ILA between Reno and TMWA for the APWF Project. This ESCP work by NWII, required for the APWF project, is anticipated to take approximately two years to complete.

**Financial Implications:**

Funding is available for this work as part of the funding approved for the planning and design of the APWF project.

**Legal Implications:**

Legal review completed for compliance with City procedures and Nevada law.

**Recommendation:**

Staff recommends Council approve the interlocal agreement with the Truckee Meadows Water Authority.

**Proposed Motion:**

I move to approve staff recommendation.

**Attachments:**

ILA Reno TMWA Enh Source Cont 2 21 24.pdf