

# City Manager's Office

### **MEMORANDUM**

**DATE:** 03/12/2024

**TO:** Honorable Mayor and City Council

**THROUGH:** Doug Thornley, City Manager Approved Electronically

**FROM:** Trina Magoon, Director of Utility Services

Dustin Waters, Assistant Director of Utility Services

Joe Coudriet, Senior Civil Engineer

**SUBJECT:** Council Update on the Advanced Purified Water Facility at American Flat Project,

including Project Updates, Cost Estimate, Project Funding, Public Outreach, and Key

Milestones

## **Summary:**

The OneWater Nevada Advanced Purified Water Facility at American Flat (APWF) Project is a joint effort between the City of Reno (Reno) and the Truckee Meadows Water Authority (TMWA). This memo provides an update on key project elements as we move towards 60% design and full project implementation.

#### **Previous Memos to Council:**

- August 15, 2023, APWF Project Update
- October 25, 2023, APWF Project Update

#### **Project Updates:**

• A 30% design review meeting was held with the Nevada Division of Environmental Protection in November 2023.

## **Project Funding:**

The total project cost estimate from the 30% design is \$220.9 million, which will be split 70% Reno and 30% TMWA, per the existing interlocal agreement.

• Reno and TMWA re-applied for the USBR Title XVI grant funding opportunity on December 6, 2023, for an amount up to \$30 million. Notification of successful applicants is anticipated in Spring 2024.

- Reno has submitted a Letter of Interest for a loan from the Environmental Protection Agency (EPA) Water Infrastructure Finance and Innovation Act (WIFIA) in the amount of \$70 million on February 9, 2024. On March 1, Reno received an invitation to apply for this loan. The target date for submitting the loan application is May 2024.
- Reno plans to cash fund the remainder of Reno's portion of the project construction costs.

#### **Public Outreach:**

Public outreach for this project has been underway for multiple years. The following outreach has occurred since the last APWF update memo to council on October 25, 2023:

- Public Meeting November 16, 2023: A+ Public Workshop at Reno Stead Airport, Freedom Flight Terminal 6:00 p.m. 8:00 p.m.
- Public Meeting November 28, 2023: APWF Design Workshop at Reno Stead Airport, Freedom Flight Terminal 6:00 p.m. 8:00 p.m.
- Public Meeting December 14, 2023: Washoe County District Board of Health Northern Nevada Public Health 1:00 p.m., Item #8 Presentation of OneWater NV Project
- Staff Meeting December 21, 2023: Northern Nevada Public Health 8:15 a.m., Presentation of OneWater NV APWF Project
- Tour January 11, 2024: Northern California Potable-Reuse Facility Tour with elected officials, regulators, and other key project stakeholders
- Jan 28, 2024 WateReuse Nevada: OneWater Nevada APWF Project Overview at Las Vegas Conference
- Jan 29, 2024 Nevada Water Resources Association: OneWater Nevada APWF Project Overview at Las Vegas ConferenceFeb 15, 2024 – Presentation to Reno Free Masons
   Introduction to OneWater Nevada and Advanced Purified Water

#### **Key Milestones:**

Key project milestones are outlined below with touchpoints for future Council direction in **bold**:

- Now January 2025: Environmental Permitting and Final Design
- January 2025: CMAR Guaranteed Maximum Price #1 (GMP1) for Early Procurement
- Spring 2025: CMAR Guaranteed Maximum Price #2 (GMP2) for Start of Construction Activity
- Fall 2027: Finish Construction
- December 2027 to June 2028: Startup, commissioning, and six-month operational prove up period; sending advanced purified water to the American Flat farm for irrigation.
- Fall 2028: Project complete with all required NDEP permits and Advanced Purified Water injection into the aquifer via A+ permit begins.

# **Attachment**:

Appendix A – OneWater Nevada Advanced Purified Water Facility (APWF) Project Overview

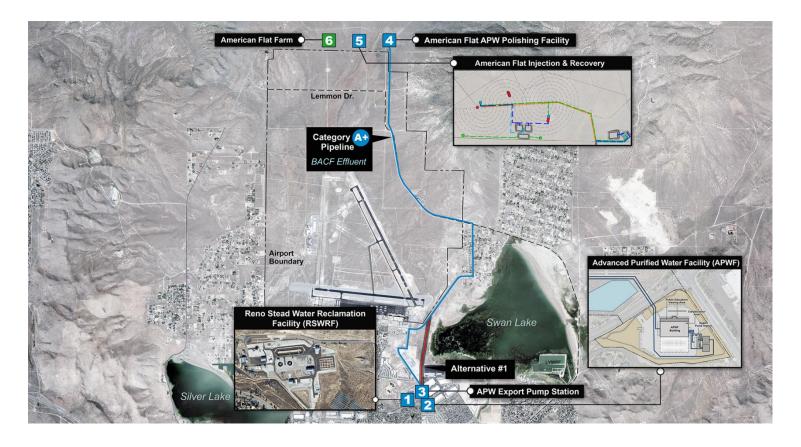
Appendix B – OneWater Nevada Advanced Purified Water Facility Roadmap

# APPENDIX A ADVANCED PURIFIED WATER FACILITY REFLICITED TRUCKEE MEADOWS WATER Quality, Deficience. **PROJECT OVERVIEW**









- Indirect Potable Reuse Project
- City of Reno and TMWA partnership
- A+ water project to create a more resilient community

# APPENDIX B ADVANCED PURIFIED WATER ROADMAP







