

# Northern Nevada Water Planning Commission

## STAFF REPORT

**DATE:** April 28, 2022  
**TO:** Chairman and Members, Northern Nevada Water Planning Commission (NNWPC)  
**FROM:** Jim Smitherman, Water Resources Consultant  
**SUBJECT:** Report and discussion on the draft update to Chapter 4 “Wastewater and Effluent Management Planning” for the 2021-2040 Comprehensive Regional Water Management Plan (RWMP).

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### SUMMARY

The draft update of Chapter 4 “Wastewater and Effluent Management Planning” for the 2021-2040 RWMP consists of sections generally describing wastewater service providers, water reclamation facilities (WRFs), environmental control and pretreatment programs, effluent management practices, regional effluent management efforts, and studies and programs to address certain areas served by septic systems. This report outlines the revisions made after the April 6, 2022, NNWPC meeting.

Section 4.1 Wastewater Service Providers is largely unchanged from the version presented on April 6.

Figure 4-1 showing water reclamation facility locations and service areas has been updated.

Section 4.2 Water Reclamation Facilities has only minor revisions for technical correctness. It includes the present status of each of the 5 regional WRFs including ownership, location, capacity, treatment processes, facility planning and environmental control and pretreatment programs, and a description of the Regional Wastewater Source Water Quality Control Program.

Section 4.3 Regional Effluent Management Planning has been revised to include descriptions of the Regional Effluent Management Guidance Document, the OneWater Nevada Advanced Purified Water Program at American Flat and the project to supply TMWRF reclaimed water to Tahoe Reno Industrial GID.

Section 4.4 Septic Systems has been revised (shortened) to include only the most pertinent information for planning over the next 5 years.

A draft updated chapter is attached for the NNWPC’s review and comment. A redline version will be made available on request.

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Attachment: RWMP Chapter 4 “Wastewater and Effluent Management”