

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: April 29, 2021

TO: Chairman and Members, Northern Nevada Water Planning Commission (“NNWPC”)

FROM: Chris Wessel, Water Resources Program Manager
Jim Smitherman, Water Resource Consultant

SUBJECT: Presentation, discussion, and possible action on the draft update to the Population Forecast and Projections of Water Demand, peak Day Requirements and Wastewater Flow chapter for the 2021 Regional Water Management Plan (“RWMP”) update; discussion and possible direction to staff.

SUMMARY

As part of the required 5-year RWMP review process, staff identified the need to update various elements of the Population Forecast and Projections of Water Demand, Peak Day Requirements and Wastewater Flow chapter for the 2021 RWMP update and is currently working in coordination with the Truckee Meadows Water Authority (“TMWA”), and the Truckee Meadows Regional Planning Agency (“TMRPA”) to develop data and analyses to update the various sections of the chapter.

A list of sections and subsections including notes on anticipated revisions appears below:

Table of Contents, List of Abbreviations and Acronyms, and References: Shown in gray font color. No revisions to date, these sections will be revised last. ***Purpose and Scope:*** Revisions to date are shown as red-line edits.

Summary and Findings: Revisions to date are shown as red-line edits; gray shading indicates further revisions are necessary.

Introduction: Revisions to date are shown as red-line edits.

6.1 Comparison of the Consensus Population Forecast and the Estimated Population that can be Supported by the Sustainable Water Resources in the Planning Area

Revisions to include the 2020 Consensus Forecast and the WRWC’s 2020 determination that the Consensus Forecast population for 2040 can be supported by the sustainable water resources set forth in the Regional Water Plan are shown as red-line edits.

6.2 Projections of Water Demand, Peak Day Requirements and Wastewater Flow for Service Areas

Revisions to date are shown as red-line edits. Revisions use data from the TMWA 2040 Water Resource Plan, Reno, Sparks and Washoe County wastewater service providers, and TMRPA population and employment modeling results. The peak day requirements section is shown in gray shading pending updated data. Additional revisions will be necessary.

6.3 Water Balance Model: Minor revisions to date are shown as red-line edits. Additional revisions will be necessary. The Water Balance has not yet been updated. Staff is working with TMWA, TMRPA and the Regional Effluent Management Team to update this section.

RECOMMENDATION

Staff recommends that the NNWPC accept the review notes on Chapter 7 of the 2016 RWMP, with or without changes, and provide direction to staff as appropriate concerning this chapter as part of the development of the 2021 RWMP update.

CW:jp

Attachment: Draft RWMP Chapter 7 Population Forecast and Projections of Water Demand, Peak Day Requirements and Wastewater Flow showing recommended revisions.