

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: January 30, 2020

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

FROM: Chris Wessel, WRWC Water Management Planner
Jim Smitherman, WRWC Water Resources Program Manager

SUBJECT: Discussion concerning the Comprehensive Regional Water Management Plan (“RWMP”) 2021 update, and possible direction to staff

SUMMARY

The following table contains a revised high-level outline of tasks anticipated by staff to accomplish the 2021 update to the RWMP. Staff made changes to the original outline subsequent to NNWPCs original review at the regularly scheduled December 4, 2019 meeting. Chapter 4 of the previous RWMPs was dedicated to Wastewater and Watershed Water Quality Planning, however, due to the expanded efforts involving wastewater effluent management and storm water management, staff is recommending that Chapter 4 be spilt into two chapters: Chapter 4 Wastewater Effluent Management and Chapter 5 Storm Water and Water Quality. The recommended changes are reflected in the following table which is intended to provide a basis for initial discussion and possible direction to staff and is by no means a complete list.

Staff anticipates that a complete draft of the RWMP 2021 update can be developed by the January 1, 2021, statutory deadline for completion of the review. Timeframes (early, mid or late) are relative to the approximately one-year plan update time period.

	Chapter Title	Actions	Timeframe	Cost
1	Policies/ Criteria	<ul style="list-style-type: none"> Review and possibly revise as needed, Add any policy resolutions adopted by WRWC. 	early to mid	
2	Water Resources	<ul style="list-style-type: none"> Coordinate with w/ 2019 TMWA water resource plan, including drought, climate change, Update Water Resource Baseline Table. 	early to mid	
3	Water Purveyors	<ul style="list-style-type: none"> Coordinate w/ 2019 TMWA water resource plan, Review and update other purveyor data (SVGID, other purveyors, etc.), Update reclaimed water purveyor text and tables. 	early to mid	
4	Wastewater Effluent Management	<ul style="list-style-type: none"> Divide existing Chapter 4 into 4 and 5 as shown below, Review and update sections on wastewater service providers and facilities, plans for WRF expansions, Address nitrogen treatment at TMWRF, Update effluent/reclaimed management strategies. 	early to mid	\$

5	Storm Water and Water Quality	<ul style="list-style-type: none"> Review and update sections on watershed management plan, source water protection and storm water permit program, Reference Integrated Source Water Protection program and One Truckee River. 	mid to late	\$
6	Flood Management	<ul style="list-style-type: none"> Rely on TRFMA for current data on Truckee River project elements, Corps of Engineers involvement, cost estimates, rate date if available, Include Swan Lake flood in flood history section, Review and update as needed sections on local government flood control and drainage, especially Lemmon Valley, Cold Springs Valley, 	early to mid	\$
7	Projections	<ul style="list-style-type: none"> Coordinate w/ TMWA and TMRPA on demand projections and modeling, Update water demand projections for non-TMWA areas, Update wastewater flow projections using TMRPA model, Update Regional Water Balance model (2016 RWMP) with current projections, Coordinate with TMRPA for consistency with 2019 update to the Truckee Meadows Regional Plan. 	mid to late	\$
8	Water Conservation	<ul style="list-style-type: none"> Coordinate w/ revisions to TMWA conservation plan, Coordinate with other purveyors' conservation plans. 	early to mid	
9	Cost/Financing	<ul style="list-style-type: none"> Review methodology, Gather CIP, other cost data, Develop regional cost analysis, Coordinate with TMRPA for consistency with 2019 update to the Truckee Meadows Regional Plan, 	mid to late	\$
10	Issues/Action Plan	<ul style="list-style-type: none"> Review 2016 RWMP sections and revise as needed. 	late	

RECOMMENDATION

Staff recommends that the NNWPC accept this report and provide direction to staff as appropriate.

CW:jp