

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: April 26, 2018
TO: Chairman and Members, Northern Nevada Water Planning Commission (“NNWPC”)
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Report on the Advanced Water Treatment Technologies Demonstration Project being conducted by the University of Nevada, Reno (“UNR”).

SUMMARY

In 2016, the Western Regional Water Commission (“WRWC”) entered into a 4-year Interlocal Agreement (“ILA”) with UNR to provide funding, in an amount not to exceed \$676,475, for the Advanced Water Treatment Technologies Demonstration Project. Work on the Project was initiated in late September 2016, and has progressed according to the attached Schedule.

Progress to date includes:

- Task 1, Project Rationale and Justification for Advanced Treated Recycled Water in the Truckee Meadows, draft report 99 percent complete
- Task 2, Critical Review of Technologies that can meet Nevada Division of Environmental Protection Regulations/ Requirements, draft report 99 percent complete
- Task 3, Basis of Design for the Demonstration Project, draft report 90 percent complete
- Task 4, Demonstration System Testing Plan, draft report 90 percent complete
- Task 5, Demonstration System Equipment Procurement and Installation, draft report 20 per cent complete

Krishna Pagilla, PhD, UNR’s Principal Investigator for the Project, will present a PowerPoint report at the May 2 meeting of the NNWPC. The report will include progress to date, and activities planned for fiscal year 2018-2019.

BACKGROUND

In July 2016, the NNWPC approved a proposal for the Advanced Water Treatment Technologies Demonstration Project, and recommended that the WRWC execute the ILA with UNR to fund the Project over a 4-year period. The WRWC approved the Project and funding in August 2016, and executed the ILA in October 2016. The ILA was amended in June 2017 to adjust certain Task completion dates and reallocate funding based upon the actual Project start date.

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Attachment

Advanced Water Treatment Technologies Demonstration Project Schedule

