

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: September 26, 2019

TO: Chair and members, Northern Nevada Water Planning Commission (“NNWPC”)

FROM: Jim Smitherman, Water Resources Program Manager, Western Regional Water Commission (“WRWC”)

SUBJECT: Report on the American Flat Hydrogeologic Investigation by the Truckee Meadows Water Authority (“TMWA”), and possible direction to staff.

SUMMARY

Greg Pohll, Principal Hydrogeologist/Modeler, TMWA, will give a presentation on the American Flat Hydrogeologic Investigation.

The hydrogeologic investigation was conducted at the American Flat Road site on a parcel owned by Washoe County in the West Lemmon Valley hydrographic basin. The study included a seismic survey, construction of one injection well and two monitoring wells, an aquifer test on the injection well, an extended duration (4 month) recharge test, water quality sampling of (potable) injectate water and local groundwater, and a water compatibility evaluation for the background and injectate water.

The American Flat Road Hydrogeologic Investigation Report is attached.

BACKGROUND

The American Flat Hydrogeologic Investigation was conducted as part of OneWater Nevada, a feasibility study to evaluate whether the State of Nevada’s newly adopted “A+” reclaimed water category offers significant water resource management benefits for the Truckee Meadows region, including improving water utilization efficiency, providing operating flexibility during periods of water scarcity, and diversifying the region’s water supply portfolio. OneWater Nevada is being conducted jointly by a regional team consisting of: City of Reno, City of Sparks, TMWA, NNWPC, WRWC, University of Nevada, Reno, and Washoe County.

FISCAL IMPACT

None.

RECOMMENDATION

Staff recommends that the NNWPC accept the report and provide appropriate direction to staff, if any.

Attachment:

JS:jp