

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: March 30, 2017
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Presentation of a proposal for the development of a regional storm water drainage network Geographic Information System (“GIS”) map, including procedure, required entities / parties, and scope and funding, and possible recommendation to the Western Regional Water Commission (“WRWC”)

SUMMARY

On March 15, 2017, the WRWC requested that a proposal for the development of a regional storm water drainage GIS map be presented to the Northern Nevada Water Planning Commission (“NNWPC”) for review and possible recommendation to the WRWC. Discussion indicated that the map should, without limitation, include irrigation ditches, White Lake, Silver Lake and Lemmon/Swan Lake. The requested proposal was to include a scope of work, cost estimate and timeframe.

BACKGROUND

The subject of storm water drainage mapping has come up recently in multiple discussions at staff level among WRWC member entities. Flooding occurrences this winter form the context for the most recent discussions; however, the topic has also been raised concerning storm water quality and the Truckee Meadows Regional Storm Water Quality Management Program.

Staff has engaged in preliminary discussions with Reno, Sparks, Washoe County and the Truckee Meadows Regional Planning Agency (“TMRPA”) to inquire about drainage mapping in GIS format. Each local government possesses GIS data for drainage in various levels of completeness. In some cases, development-related changes to drainage infrastructure are documented on paper maps, but have not been recorded as GIS data. TMRPA staff does not maintain storm water drainage GIS data, other than what might have been made available by the local governments, but has expressed interest in helping to compile and maintain a regional dataset, as described in the attached Draft Scope of work submitted by the TRMPA.

FISCAL IMPACT

None at this time

RECOMMENDATION

Staff recommends that the NNWPC consider the Draft Scope of Work, and make a recommendation to the WRWC as to approval and funding.

JS:df