

Western Regional Water Commission

STAFF REPORT

DATE: March 9, 2017

TO: Chairman and Members, Western Regional Water Commission

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

SUBJECT: Discussion on the development of a regional storm water drainage Geographic Information System (“GIS”) map, including procedure, required entities / parties, and scope and funding, and possible direction to staff.

SUMMARY

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 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.

RECOMMENDATION

Staff recommends that the WRWC consider the need for a regional storm water drainage GIS dataset, procedure, entities and parties that would need to be involved, scope and funding for a project to compile and maintain such a dataset, and provide direction to staff.

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