

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: May 28, 2020
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Report on Phase 1 of the Regional Storm Water Drainage Network Geographic Information System (“GIS”) Map project, and possible direction to staff.

SUMMARY

In 2018, the Truckee Meadows Regional Planning Agency (“TMRPA”) completed Phase 1 of the Regional Storm Water Drainage Network Geographic Information System (“GIS”) Map project. Recently the Western Regional Water Commission (“WRWC”) expressed interest in discussing with TMRPA and staff, recommendations for future work related to the project. The purpose of this item to provide for NNWPC discussion and possible direction to staff concerning a future report to the WRWC.

The Phase 1 scope of work included the following tasks:

- Compile existing storm water network GIS data received from local jurisdictions and store in a centralized database.
- Evaluate GIS data for completeness of coverage.
- Evaluate attribute data included with the GIS features.
- Prepare a final report and provide a presentation to the Western Regional Water Commission (“WRWC”), Regional Planning Governing Board and Northern Nevada Water Planning Commission (“NNWPC”).
- Make the final collection of GIS data available to interested government entities.

TMRPA used visual and quantitative assessment techniques to analyze GIS storm water conveyance infrastructure data provided by the local jurisdictions. Jeremy Smith of TMRPA will provide a project review and conclusions and follow with discussion of recent storm water drainage related activities by TMRPA and others, including work on the Source Water Protection Program.

BACKGROUND

In March 2017, the WRWC requested staff to work with TMRPA staff and present a proposal to the NNWPC for the development of a regional storm water GIS map. In April 2017, the NNWPC recommended that the WRWC approve TMRPA’s proposal for the GIS map project. The WRWC approved a motion directing staff to move forward with Phase 1 of the proposed project at a cost not to exceed \$21,000 from the Regional Water Management Fund. TMRPA completed Phase 1 and made a report to the NNWPC in February 2018.

RECOMMENDATION

Staff recommends that the NNWPC accept the report on the GIS Map project and provide appropriate direction to staff.

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