

# Northern Nevada Water Planning Commission

## STAFF REPORT

**DATE:** February 1, 2018  
**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.

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### **SUMMARY**

Truckee Meadows Regional Planning Agency (“TMRPA”) staff has completed data gathering and assessment tasks in the Regional Storm Water Drainage Network Geographic Information System (“GIS”) Map project, Phase 1 scope of work. Phase 1 includes 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 PowerPoint presentation on data compilation and analysis, initial conclusions, remaining Phase 1 work, and possible next steps for continuation of the project.

### **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, and after completion return with recommendations for subsequent phases.

### **RECOMMENDATION**

Staff recommends that the NNWPC accept the report on Phase 1 of the subject GIS Map project, and provide appropriate direction to staff if desired.

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