

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 1, 2018

TO: Chairman and Members, Northern Nevada Water Planning Commission (“NNWPC”)

FROM: Jim Smitherman, NNWPC Water Resources Program Manager

SUBJECT: Report on the December 6, 2017, NNWPC priority-setting workshop, including: presentation of results; review of draft Professional Services Budget Detail, incorporating priority results to be included in the Western Regional Water Commission (“WRWC”) Fiscal Year 2018-2019 Tentative Budget; and possible direction to staff.

SUMMARY

On Wednesday December 6, 2017, the NNWPC held a workshop to review and discuss the projects and studies listed in the WRWC Fiscal Year 2017-2018 Budget, and discuss priorities for ongoing and future projects. The two attached tables show the results of the NNWPC project ranking exercise. In addition, staff has developed a draft project list, based on workshop results, for the WRWC 2018-2019 Tentative Budget. The attached ranking and draft project list are intended to provide background for discussion and possible direction to staff.

RECOMMENDATION

Staff recommends that the NNWPC accept the report on the workshop and provide direction to staff, as appropriate.

CW:jp

Attachment: NNWPC project ranking
Draft project list for the WRWC 2018-2019 Tentative Budget

Priority by Category

Category	Total Votes*	Number of Projects	Votes Per Project
Regional Reclaim Planning	28	6	4.7
Regional Storm Water Planning	25	6	4.2
Regional Wastewater Planning	14	4	3.5
Regional Water Planning	11	5	2.2
Regional Flood Planning	7	1	7.0
Regional Conservation Planning	6	5	1.2

Priority by Project

Projects	Total Votes*
Integrated Wastewater and Reclaimed Water Master Planning	9
Regional Wastewater Flow Projections	7
Flooding From Ditches	7
Integrated Source Water Protection Program	6.5
Climate Variability Data Assessment	6
NPDES Storm Water Quality Management Program	6
Bedell Flat Infiltration Project	5
Regional Effluent Management Strategy Team	5
Water Innovations Campus	5
Storm Water GIS Mapping	5
Water Usage Review Program	4
N & P Reduction in watershed	4
Watershed Management Plan Update	3.5
NPDES Storm Water Permit Update	3
Indirect Potable Reuse Planning	2
Advanced Water Treatment Demonstration	2
Modeling for Water Quality Standards and TMDL Compliance	2
TMRPA Sustainability Study	2
Regional Water Management Plan Update	2
Washoe ET Project	1
Certified Landscape Technician Program	1
One Truckee River	1
Septic System Mitigation Planning	1
Regional Plan Update Coordination	1
Precipitation "Can" Gauge Monitoring	0
Water For the Seasons	0
Cloud Seeding Monitoring	0
Cloud Seeding	0
NNWPC/WRWC Website Update/GIS Mapping	0

* Ranking Criteria

Priority by Category and Project

Category/Projects	Total Votes* (T)	Number of Projects (N)	Votes per Project (T/N)
Regional Reclaim Planning	28	6	4.7
<i>Integrated Wastewater and Reclaimed Water Master Planning</i>	9		
<i>Bedell Flat Infiltration Project</i>	5		
<i>Regional Effluent Management Strategy Team</i>	5		
<i>Water Innovations Campus</i>	5		
<i>Advanced Water Treatment Demonstration</i>	2		
<i>Indirect Potable Reuse Planning</i>	2		
Regional Storm Water Planning	25	6	4.2
<i>Integrated Source Water Protection Program</i>	6.5		
<i>NPDES Storm Water Quality Management Program</i>	6		
<i>Storm Water GIS Mapping</i>	5		
<i>Watershed Management Plan Update</i>	3.5		
<i>NPDES Storm Water Permit Update</i>	3		
<i>One Truckee River</i>	1		
Regional Wastewater Planning	14	4	3.5
<i>Regional Wastewater Flow Projections</i>	7		
<i>N & P Reduction in watershed</i>	4		
<i>Modeling for Water Quality Standards and TMDL Compliance</i>	2		
<i>Septic System Mitigation Planning</i>	1		
Regional Water Planning	11	5	2.2
<i>Climate Variability Analysis</i>	6		
<i>TMRPA Sustainability Study</i>	2		
<i>Regional Water Management Plan Update</i>	2		
<i>Regional Plan Update Coordination</i>	1		
<i>NNWPC/WRWC Website Update/GIS Mapping</i>	0		
Regional Flood Planning	7	1	7.0
<i>Flooding From Ditches</i>	7		
Regional Conservation Planning	6	5	1.2
<i>Water Usage Review Program</i>	4		
<i>Washoe ET Project</i>	1		
<i>Certified Landscape Technician Program</i>	1		
<i>Cloud Seeding Monitoring</i>	0		
<i>Cloud Seeding</i>	0		

* Ranking Criteria

Tentative Professional Services Budget Detail Fiscal Year 2018/2019

Professional Services Project Name	2018/2019 Budget Total	Expense Description/Example
<i>DRI Cloud Seeding</i>	100,000	ILA with DRI for cloud seeding operations
<i>Climate Variability Data Assessment</i>	50,000	
<i>Precipitation Monitoring</i>	20,000	
Regional Water Planning Projects	170,000	
<i>Washoe ET Project</i>	10,000	ILA with DRI; weather station maintenance
<i>Water Usage Review Program</i>	100,000	ILA with TMWA
<i>Certified Landscape Technician Program</i>	12,500	ILA with NLA
Regional Water Conservation	122,500	
<i>Integrated Wastewater and Reclaimed Water Planning</i>	200,000	
<i>Advanced Water Treatment Demonstration</i>	208,466	Advanced Water Treatment Demonstration; ILA with UNR
<i>Indirect Potable Reuse Planning</i>	75,000	
<i>Bedell Flat Infiltration</i>	100,000	Hydrologic Investigations
<i>Bedell Flat Infiltration Grant</i>	0	208 grant (40K; see <i>Grant and/or Other Revenue</i> ; Page 1)
Regional Reclaimed Water Planning Projects	583,466	
<i>Integrated Source Water Protection Program</i>	75,000	
<i>Storm Water GIS Mapping</i>	150,000	
<i>Watershed Management Plan Update</i>	75,000	ILA with City of Reno
<i>NPDES Storm Water Permit Update</i>	113,000	ILA with City of Reno
<i>NPDES Storm Water Quality Management Program</i>	262,500	ILA with City of Reno
Regional Storm Water Planning Projects	675,500	
<i>Evaluation of Ditch Flooding</i>	100,000	
Regional Flood Control Planning Projects	100,000	
<i>Regional Wastewater Flow Projections</i>	20,000	
<i>Modeling for Water Quality Standards and TMDL Compliance</i>	20,000	
<i>N & P Reduction in Watershed</i>	50,000	
Regional Wastewater Planning Projects	90,000	
<i>NNWPC/WRWC Website Update/GIS Mapping</i>	50,000	
<i>Water Management Plan Update</i>	50,000	WMP contracts.
Comprehensive Plan	100,000	
Totals	\$1,841,466	