

NORTHERN NEVADA WATER PLANNING COMMISSION AGENDA

Wednesday, May 7, 2014

1:30 p.m.

Washoe County Commission Chambers
1001 East Ninth Street
Reno, Nevada

Notes:

1. Items on this agenda on which action may be taken are followed by the term "for possible action". Non-action items are followed by an asterisk (*).
2. Public comment is limited to three minutes per speaker and is allowed during the public comment periods, and before action is taken on any action item. Comments are to be directed to the Commission as a whole. Persons may not allocate unused time to other speakers. The public may sign-up to speak during the public comment period or on a specific agenda item by completing a "Request to Speak" card and submitting it to the clerk.
3. Items on this agenda may be taken out of order, combined with other agenda items for consideration, removed from the agenda, or delayed for discussion at any time. Arrive at the meeting at the posted time to hear item(s) of interest.
4. Supporting material provided to the Commission for the items on the agenda is available to members of the public at the Northern Nevada Water Planning Commission ("NNWPC") offices, 4930 Energy Way, Reno, NV, from June Davis, Administrative Secretary, (775) 954-4665, and on the NNWPC website at <http://www.nnwpc.us>
5. In accordance with NRS 241.020, this agenda closes three working days prior to the meeting. We are pleased to make reasonable accommodations for persons who are disabled and wish to attend meetings. If you require special arrangements for the meeting, please call 954-4665 no later than 24 hours prior to the meeting.
6. In accordance with NRS 241.020, this agenda has been posted at the following locations: Reno City Hall (1 East First Street), Sparks City Hall (431 Prater Way), Sparks Justice Court (1675 East Prater Way), Sun Valley GID (5000 Sun Valley Blvd.), TMWA (1355 Capital Blvd.), Washoe County Administration Building (1001 E. 9th Street), Second Judicial District Court/Courthouse (75 Court Street), Washoe County Central Library (301 South Center St.), Washoe County Community Services Department (4930 Energy Way), Galena Market (19990 Thomas Creek Rd.), Galena High School (3600 Butch Cassidy Way), South Valleys Library (15650A Wedge Parkway), and the NNWPC website: <http://www.nnwpc.us>

1. Roll Call and determination of presence of a quorum. *
2. Public Comments. * (Three-minute time limit per person.)
3. Approval of agenda. **(For Possible Action)**
4. Approval of the minutes from the April 2, 2014, meeting. **(For Possible Action)**
5. Review draft Western Regional Water Commission ("WRWC") tentative budget for Fiscal Year 2014 - 2015; discussion, possible direction to staff, and possible recommendation to the WRWC – Jim Smitherman, WRWC/NNWPC Water Resources Program Manager. **(For Possible Action)**
6. Discussion regarding a request by the City of Reno for partial funding of a watershed improvement project to reduce storm water flows to the Highland Canal and improve the quality of such flows to the Truckee River; possible direction to staff, and possible recommendation to the WRWC to approve funding in an amount not to exceed \$250,000 for the project from the Regional Water

Management Fund ("RWMF") – Terri Svetich, P.E., Engineering Manager, City of Reno and Glen Daily, P.E., Associate Civil Engineer, City of Reno. **(For Possible Action)**

7. Report on the Truckee Meadows Regional Planning Agency ("TMRPA") parcel-based population and employment modeling project - Jim Smitherman. *
8. Report on the Bureau of Reclamation's Truckee River basin study – Jim Smitherman. *
9. Report on the pending consolidation of Washoe County's Water Utility and the South Truckee Meadows General Improvement District with the Truckee Meadows Water Authority ("TMWA") – Jim Smitherman. *
10. Program Manager's Report – Jim Smitherman. *
 - a. Report on the Status of Projects and Work Plan Supported by the RWMF;
 - b. Financial Report on the RWMF;
 - c. Informational report from the NNWPC representative on the TMWA Standing Advisory Committee ("TMWA SAC").
11. Discussion regarding possible agenda items for the June 4, 2014, NNWPC meeting, and other future meetings, and possible direction to staff – Jim Smitherman. **(For Possible Action)**
12. Commission comments. *
13. Staff comments. *
14. Public Comments. * (Three-minute time limit per person.)
15. Adjournment.

*Indicates a non-action item

MINUTES
NORTHERN NEVADA WATER PLANNING COMMISSION

Wednesday, April 2, 2014, 1:30 p.m.

The regular meeting of the Northern Nevada Water Planning Commission ("NNWPC") was held in the Washoe County Commission Chambers, 1001 East Ninth Street, Reno, Nevada and conducted the following business:

The meeting was called to order by Chairman Solaro at 1:30 p.m.

1. Roll Call and Determination of Presence of a Quorum

Voting Members Present: David Solaro, Michael Drinkwater, John Erwin, John Flansberg, Neil Krutz, George Ball (arrived at 1:33 p.m.), Jerry Schumacher, and Darrin Price (left at 3:38 p.m.).

Voting Members Absent: Norman Harry, Mickey Hazelwood, and Michael DeMartini.

Non-Voting Members Present: Chris Anderson and Kim Davis.

Non-Voting Members Absent: Harry Fahnestock, My-Linh Nguyen, and Edmund Quaglieri.

Staff Members Present: Jim Smitherman; Chris Wessel; June Davis; and John Rhodes, Legal Counsel.

2. Public Comment

None

3. Approval of the Agenda

COMMISSIONER PRICE MADE A MOTION TO APPROVE THE AGENDA, SECONDED BY COMMISSIONER DRINKWATER. THE MOTION CARRIED UNANIMOUSLY WITH SEVEN (7) MEMBERS PRESENT.

4. Approval of Minutes from the March 5, 2014, Meeting

Jim Smitherman, WRWC Water Resources Program Manager, stated the voting members absent will be corrected to reflect that the Pyramid Lake Paiute Tribe did not have a representative present.

COMMISSIONER FLANSBERG MADE A MOTION TO APPROVE THE MARCH 5, 2014, MINUTES AS AMENDED, SECONDED BY COMMISSIONER KRUTZ. THE MOTION CARRIED UNANIMOUSLY WITH SEVEN (7) MEMBERS PRESENT.

5. Selection of Chairman and Vice-Chairman for the Term April 2014 to April 2015, and Possible Direction to Staff

[Commissioner Ball arrived at 1:33 p.m.]

COMMISSIONER KRUTZ MADE A MOTION TO NOMINATE COMMISSIONER DRINKWATER AS CHAIRMAN, SECONDED BY COMMISSIONER SOLARO. THE MOTION CARRIED UNANIMOUSLY WITH EIGHT (8) MEMBERS PRESENT.

COMMISSIONER ERWIN MADE A MOTION TO NOMINATE COMMISSIONER PRICE AS VICE-CHAIRMAN, SECONDED BY COMMISSIONER DRINKWATER. THE MOTION CARRIED UNANIMOUSLY WITH EIGHT (8) MEMBERS PRESENT.

6. Report on the Truckee River Flood Project – Jay Aldean, Executive Director, Truckee River Flood Management Authority

Jay Aldean, Executive Director of the Truckee River Flood Management Authority, presented information regarding the Local Rate Plan Update. The presentation included the following topics: Design Criteria for Project; Proposed Local Rate Plan; Design Criteria for Reno Alternative; Key Elements of Reno Alternative; Summary of Local Interest Plan Features; and Local Rate Plan Costs.

7. Discussion regarding a proposal and scope of work for supplementary precipitation gauges to quantify cloud seeding results in the Lake Tahoe and Truckee River basins; possible recommendation to the Western Regional Water Commission (“WRWC”), and possible direction to staff, including possible direction to include \$25,000 for that project in the 2014 – 2015 fiscal year tentative budget – Jeff Tilley, Desert Research Institute.

Jeff Tilley, Desert Research Institute, presented information regarding the Precipitation Gauges to Improve Validation of DRI’s Cloud Seeding Program. The presentation included the following topics: Tahoe-Truckee Project Area; Motivation; Proposed Work; Proposed Precipitation Gauges (Geonor weighing-type gauges); Possible Supplementary Gauges; Gauge Sites; and Budget.

Commissioner Price stated the operating cost has been included in the request and asked if this would need to be funded annually. Mr. Tilley stated it is up to the Commission. The operating costs are intended as reimbursement to the property owners for power costs. Mr. Tilley stated they think there is value in it being a multi-year project.

Commissioner Price asked Staff who would pay the power bill if the gauges are purchased. Mr. Smitherman stated they would have to increase the annual cost of the program to absorb the operating costs.

Commissioner Price asked for confirmation that this would be every year. Mr. Tilley responded the power costs would be an every year cost.

Commissioner Price asked if Mr. Tilley had built this into his budget. Mr. Tilley stated they could try to build it into their regular annual budget. Mr. Tilley also stated it seemed appropriate, given this is a validation effort and not a seeding effort, to put it into this budget for this presentation.

Mr. Smitherman stated they would like to keep it separate from the \$100,000 a year budget for the Cloud Seeding Program so they would have the option of evaluating it separately.

Commissioner Price pointed out there are several other beneficiaries of this data and asked if they are also being approached for portions of this budget. Mr. Tilley stated there is probably going to be a certain amount of in-kind buy-in that they will be asking for from the property owners.

Commissioner Erwin asked Mr. Tilley about their estimates. Mr. Tilley stated they have invested considerable personnel time to make sure they are targeting as precisely as possible.

Commissioner Erwin asked how much time it would take from the time this is set up until they can analyze and come up with conclusions. Mr. Tilley stated it depends on the number of storm events in each season as compared to the average number of storms per normal season.

COMMISSIONER PRICE MADE A MOTION TO APPROVE THE PROPOSED SCOPE OF WORK, SECONDED BY COMMISSIONER ERWIN.

There was discussion regarding whether new gauges would be purchased or old ones refurbished. John Rhodes, Legal Counsel, stated the option is left up to the applicant.

Mr. Tilley stated for clarification that this request is just for the next fiscal year.

COMMISSIONER PRICE AMENDED THE MOTION TO INCLUDE THAT IT IS FOR AN AMOUNT NOT TO EXCEED \$25,000, COMMISSIONER ERWIN CONCURRED. THE MOTION CARRIED UNANIMOUSLY WITH EIGHT (8) MEMBERS PRESENT.

8. Report on the Truckee River Nutrient Water Quality Standards Review – Terri Svetich, P.E., Engineering Manager, City of Reno.

Terri Svetich, P.E. City of Reno Public Works, presented information regarding the Truckee River Water Quality Standards Review Update. A tab has been created on the Truckee River Information Gateway (“TRIG”) website for this effort and the information associated with it. Ms. Svetich stated LimnoTech has prepared a report which has been reviewed by the stakeholder group and has been submitted to Nevada Division of Environmental Protection (“NDEP”). At the March 3, 2014, NDEP public meeting Laura Weintraub gave a presentation on the technical report and it is available through the TRIG website.

Mr. Smitherman asked whether or not Ms. Svetich has any indication from NDEP if they will pursue review of the Total Maximum Daily Load (“TMDL”) when all of the water quality standards adjustments are complete. Ms. Svetich stated this has been driven by a third party request to do a review of the TMDL. In the absence of a third party impetus to review the TMDL, Ms. Svetich felt that it would be on NDEP’s list of things to do.

9. Report on the Truckee Meadows Regional Storm Water Management Program Audit conducted by the Nevada Division of Environmental Protection – Terri Svetich.

Ms. Svetich presented information regarding the Truckee Meadows Regional Storm Water Management Program Audit format and structure, adding there were no glaring permit violations.

Mr. Smitherman stated mapping the MS4’s is one of the GIS layer coverages he has been working with Truckee Meadows Regional Planning Agency to try to compile. If over the next year or so more diligence is needed, TMRPA and he could work together with Reno and get some service out of the modeling project to benefit the Storm Water Program as well. Ms. Svetich responded that would be great.

10. Report on the Truckee Meadows Water Reclamation Facility (“TMWRF”) Nitrogen Treatment Alternatives Planning Study and current project status – Terri Svetich and David Kershaw, City of Reno.

Ms. Svetich expressed appreciation to the Commission for funding this effort.

David Kershaw, City of Reno Public Works, presented information regarding the Enhanced Nitrogen Removal Alternatives Study prepared by Carollo Engineers.

[Commissioner Price left at 3:38 p.m.]

Commissioner Erwin asked what the nitrogen target is in terms of milligrams per liter. Mr. Kershaw stated less than 1.5.

Commissioner Erwin stated 40 million gallons per day (“mgd”) discharge was used in the scenarios and asked if it is expandable beyond that up to 50 or 55 mgd. Mr. Kershaw stated since they are talking about a mass loading into the River, there are certain practical limitations to getting all the nitrogen out of the water and they would still be constrained in regard to the volume of water that could be treated based on the mass loading aspect.

Commissioner Erwin asked if this is treating the whole stream of effluent or if it is a partial treatment. Mr. Kershaw stated one is treating the whole stream and the other two are just treating 20 mgd each.

Commissioner Flansberg asked if the advanced oxidation process would require any changes to the nitrification towers. Ms. Svetich stated that Carollo did look at the hydraulic capacity and determined that process would be achievable without requiring changes to the nitrification towers.

Commissioner Erwin asked about the long-term objective of this study. Mr. Kershaw stated the study provides guidance in regard to the current technology available. Commissioner Erwin summarized that additional treatment for effluent discharged to the Truckee River will be needed at the treatment plant. Mr. Kershaw stated that is correct, additional mitigation measures in some form will be required.

11. Review draft WRWC tentative budget for Fiscal Year 2014 – 2015; discussion, possible recommendation to the WRWC, and possible direction to staff – Jim Smitherman, WRWC/NNWPC Water Resources Program Manager.

Mr. Rhodes stated there is a technical issue with this agenda item. The Nevada Open Meeting Law requires all agendas of public bodies include the words “For Possible Action” following action items. Those words were omitted from this item and it will be treated as a non-action item. The Commission can hear the presentation and make comments without providing direction to staff. This item will be brought back to the May meeting for final direction to staff.

Mr. Smitherman reviewed the summary of the tentative budget for Fiscal Year 2014 - 2015.

Commissioner Erwin asked if there is money budgeted to begin planning for the Regional Water Management Plan (“RWMP”) update in 2015. Mr. Smitherman pointed out where money is budgeted for that.

Chairman Drinkwater mentioned a discrepancy of \$5,000 in the cloud seeding budget and also stated \$150,000 budgeted for LimnoTech seems high given the information provided earlier in the presentation by Ms. Svetich. Mr. Smitherman stated the discrepancy in the cloud seeding budget is to cover the cost of enclosures and concrete pedestals. Mr. Smitherman stated he had a recent discussion with Ms. Svetich about what kind of on-going efforts would be needed to keep LimnoTech engaged but not have them actively doing model runs. Mr. Smitherman stated \$150,000 is more than they would expect at a minimal level, so there is a lot of room to make some adjustments.

12. Program Manager’s Report – Jim Smitherman.

- A. Report on the Status of Projects and Work Plan supported by the Regional Water Management Fund
- B. Financial report on the Regional Water Management Fund
- C. List of agreements expiring June 30, 2014, requiring the execution of an agreement or an amendment for the continuation of services in Fiscal Year 2014 - 2015
- D. Report on the acquisition of water rights, consistent with the existing interlocal agreement between the Truckee Meadows Water Authority (“TMWA”) and the WRWC, to partially satisfy the 6700 acre-feet water rights requirement in the Truckee River Operating Agreement
- E. Report on the Washoe County Water Utility / South Truckee Meadows General Improvement District / Truckee Meadows Water Authority consolidation

Mr. Smitherman stated things that are typically present in the Program Manager's Report are included in the Staff Report. Progress on all of the projects that are funded is the first attachment. The second attachment is a financial report. Attachment C is a list of agreements that are in need of an amendment or a new agreement, noting that items listed with an asterisk following the title are items Mr. Smitherman will bring to the WRWC for their approval and execution. The next attachment is a summary of where TMWA is as far as the Water Rights Purchasing contract. The last attachment included is a report on the Joint Washoe County Board of Commissioners and TMWA Board meeting, adding both Boards voted unanimously to move forward with implementing the transition plan for the merger of the water utilities.

- F. Informational report from the NNWPC representative on the TMWA Standing Advisory Committee ("TMWA SAC")

Commissioner Ball stated he attended the TMWA SAC meeting yesterday and reported on some of the items that were addressed. The consolidation of the South Truckee Meadows GID into the TMWA was discussed. Commissioner Ball stated the TMWA SAC is well attended by members of the public so this Commission's involvement with it is a prudent application of our duties.

13. Discussion regarding possible agenda items for the May 7, 2014, NNWPC meeting, and other future meetings, and possible direction to staff – Jim Smitherman.

Mr. Smitherman reviewed possible future agenda items which included the budget and a proposal for the Highland Canal Water Quality Project.

14. Commission Comments

Commissioner Erwin stated last March was a good month for the Truckee River Operating Agreement Implementation Process and reviewed information regarding that process stating they are moving forward successfully.

Chairman Drinkwater reviewed information on the NNWPC website membership page that needs to be updated. Mr. Smitherman stated they will get that updated.

15. Staff Comments

None

16. Public Comment

None

17. Adjournment

COMMISSIONER BALL MADE A MOTION TO ADJOURN AT 4:12 PM, SECONDED BY COMMISSIONER FLANSBERG. THE MOTION CARRIED UNANIMOUSLY WITH SIX (6) MEMBERS PRESENT.

Respectfully submitted by Christine Birmingham.

Approved by:

Michael Drinkwater, Chairman

APPROVED BY COMMISSION IN SESSION ON _____, 2014.

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: May 1, 2014
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Review draft Western Regional Water Commission ("WRWC") tentative budget for Fiscal Year 2014 - 2015; discussion, possible direction to staff, and possible recommendation to the WRWC

SUMMARY

Staff has developed a draft tentative budget for fiscal year 2014-2015 for review and possible recommendation to the WRWC. The budget includes revenues and expenses for staff and non-staff professional services. Additional budget worksheets include details for professional services related to priority projects and routine operating expenses.

BACKGROUND

The WRWC is required to submit a budget to the Nevada Department of Taxation after holding a hearing in May of each year. The attached draft tentative budget is provided for review, discussion, possible direction to staff, and possible recommendation to the WRWC for approval as presented or with revisions. Based on input received, staff will prepare a tentative budget for review and adoption by the WRWC.

FISCAL IMPACT

The fiscal year 2014-2015 draft tentative budget projects \$1,561,071 in revenue, \$2,796,180 in expenses, and an ending cash balance of approximately \$300,500. Budget expenses include a maximum of \$2,182,700 for WRWC work plan activities, \$525,480 for three full time staff and legal services, and various routine operating expenses in the amount of \$88,000.

RECOMMENDATION

Staff recommends that the NNWPC review the draft tentative budget for fiscal year 2014-2015 and, if acceptable, make a recommendation to the WRWC for approval.

JS:jd
Attachment

**Western Regional Water Commission
Draft - Fiscal Year July 1, 2014 - June 30, 2015
Budget Summary Worksheet**

Budget Category	1.5% WMF	NOTE	Washoe County In-Kind	NOTE	TMWA In-Kind	NOTE	SVGID In-Kind	NOTE
REVENUE	Amount		Amount		Amount		Amount	
Estimated Water Surcharge Revenues	1,533,311							
Estimated Interest Income	27,760							
Total Revenue	1,561,071		0		0		0	
PROFESSIONAL SERVICES/SUPPLIES	Amount		Amount		Amount		Amount	
Estimated Professional Services (Page 2)	2,182,700	1						
Staff Services (Page 3)	525,480	2,3	0				0	
Non-Staff Services (Page 3)	88,000							
Total Professional Services/Supplies	2,796,180		0				0	
OTHER EXPENSES	Amount		Amount		Amount		Amount	
Estimated Misc.			0					
Total Other Expense	0		0		0		0	
Total Expenses	2,796,180		0		0		0	

Net Decrease in Cash Reserves (\$1,235,109)

Cash Balance as of 7/1/13	\$3,856,507
Estimated 2013/2014 Revenue (Cash Flow)	1,514,382
Estimated 2013/2014 expenditure (Page 4)	(\$3,835,237)
Estimated cash balance as of 7/1/14	\$1,535,652
Net Decrease in Cash Reserves for FY 2014-15	(\$1,235,109)
Estimated cash balance as of 6/30/15	\$300,542

NOTES:

- Proposed budget provides legal spending authority for projects yet to be approved by the WRWC upon recommendations provided by the NNWPC. Specific per project scope and cost yet to be developed and approved by the WRWC.
- Proposed budget provides legal spending authority for contract staff services previously approved by the WRWC.
- Includes Washoe County estimate for overhead: 1.5% fund management, accounting, purchasing, human resources, information technology, office space, utilities, computer hardware, software, copier, supplies, routine/administrative and GIS/drafting services.

Draft - Professional Services Budget Detail Fiscal Year 2014/2015

Professional Services Project Name	2014/2015 1st Quarter Budget	2014/2015 2nd Quarter Budget	2014/2015 3rd Quarter Budget	2014/2015 4th Quarter Budget	2014/2015 Budget Total	Expense Description/Example
-b-	-f-	-g-	-h-	-i-	-j-	-k-
Restoration Investments in the Truckee Watershed	\$14,525	\$14,525	\$14,525	\$14,525	\$58,100	
<i>Consolidation of Public Purveyors</i>	\$75,000	\$75,000	\$75,000	\$75,000	\$300,000	Support for TMWA and WC
<i>Highland Canal Water Quality Project</i>	\$62,500	\$62,500	\$62,500	\$62,500	\$250,000	
<i>TROA 6700 AF Water Rights Requirement</i>	\$128,500	\$128,500	\$128,500	\$128,500	\$514,000	Water rights acquisition for TROA 6700 AF requirement
<i>208 Plan Review and Update</i>	\$5,000	\$5,000	\$5,000	\$5,000	\$20,000	
Regional Water Planning Projects	\$285,525	\$285,525	\$285,525	\$285,525	\$1,142,100	
<i>Cloud Seeding</i>	\$33,000	\$33,000	\$33,000	\$33,000	\$132,000	ILA with DRI; 32K for precipitation monitoring equipment/installation
<i>Washoe ET Project</i>	\$11,250	\$11,250	\$11,250	\$11,250	\$45,000	ILA with DRI; 5K annual monitoring; 40K for weather station upgrades
<i>Water Usage Review Program</i>	\$16,400	\$16,400	\$16,400	\$16,400	\$65,600	
<i>Certified Landscape Technician Program</i>	\$0	\$0	\$0	\$12,500	\$12,500	ILA with NLA
Regional Water Conservation	\$60,650	\$60,650	\$60,650	\$73,150	\$255,100	
<i>Integrated Wastewater and Reclaimed Water System Planning</i>	\$0	\$0	\$0	\$0	\$0	Indirect Potable Reuse
Regional Reclaim Water Planning Projects	\$0	\$0	\$0	\$0	\$0	
<i>NPDES Storm Water Quality Management Program</i>	\$65,625	\$65,625	\$65,625	\$65,625	\$262,500	ILA with City of Reno
Regional Storm Water Planning Projects	\$65,625	\$65,625	\$65,625	\$65,625	\$262,500	
Regional Flood Control Planning Projects	\$0	\$0	\$0	\$0	\$0	
<i>Water Quality Standards and TMDL Review, and Compliance</i>	18,750	18,750	18,750	18,750	75,000	ILA with City of Reno for LTI
<i>Septic System Mitigation Planning</i>	\$18,750	\$18,750	\$18,750	\$18,750	\$75,000	1. Phase II - Risk assessment data needs (150k for two years)
Regional Wastewater Planning Projects	\$37,500	\$37,500	\$37,500	\$37,500	\$150,000	
<i>Water Management Plan Update</i>	\$13,250	\$13,250	\$13,250	\$13,250	\$53,000	
<i>TMRPA GIS Population Model</i>	\$80,000	\$80,000	\$80,000	\$80,000	\$320,000	ILA with RPGB
Comprehensive Plan	\$93,250	\$93,250	\$93,250	\$93,250	\$373,000	
Totals	\$542,550	\$542,550	\$542,550	\$555,050	\$2,182,700	

**Western Regional Water Commission
Draft - Routine Operation Budget Fiscal Year 2014/2015**

G/L Account Discription		2014/2015 1st Quarter Budget	2014/2015 2nd Quarter Budget	2014/2015 3rd Quarter Budget	2014/2015 4th Quarter Budget	2014/2015 Annual Routine Operating Budget Total	Expense Description/Example
Contract Services	WRWC Employees	\$82,500	\$82,500	\$82,500	\$82,500	\$330,000	Cost of <i>Support Staff</i> services as defined by employee services contract entered into between Washoe County and WRWC.
Contract Services	Washoe County Overhead	\$15,720	\$15,720	\$15,720	\$15,720	\$62,880	Based on analysis of fy13-14 actual general fund overhead and CSD fy14-15 projected apportioned overhead.
Contract Services	Mileage Expenses	\$600	\$600	\$600	\$600	\$2,400	Annual routine daily vehicle mileage expenses.
Legal Services	Legal Services	\$32,400	\$32,400	\$32,400	\$32,400	\$129,600	Cost of <i>Legal Counsel</i> services as defined by contract as entered into between Rhodes Law Office and WRWC
Lobbying	Lobbying Registration	\$0	\$600	\$0	\$0	\$600	Cost of registration for staff members as state lobbyists
	Staff Services Subtotal	\$131,220	\$131,820	\$131,220	\$131,220	\$525,480	
Contract Services	Minutes	\$3,750	\$3,750	\$3,750	\$3,750	\$15,000	Annual service contract to provide for recording of meetings, transcription of minutes and document editing.
	Website	\$3,750	\$3,750	\$3,750	\$3,750	\$15,000	Such as; website content and design services; annual website updating, maintenance, and hosting; specialized programming services; digital library development and updating; hosting, development and maintenance of databases; licensing fees, software and software updates, training/programming reference materials.
	Video Coverage	\$1,250	\$1,250	\$1,250	\$1,250	\$5,000	Annual expense for video coverage of WRWC and NNWPC meetings.
Financial Consulting Services	CAFR & Audit	\$10,000	\$0	\$0	\$0	\$10,000	Annual expense for CAFR development and financial audit.
Seminars and Meetings	Regional Training	\$0	\$1,000	\$0	\$0	\$1,000	Cost of training for staff members <i>not covered by in-kind services</i> including registration and other miscellaneous cost such as reference materials, field trips, etc.
Travel	Regional Travel	\$0	\$1,000	\$0	\$0	\$1,000	Cost of travel and training for staff members <i>not covered by in-kind services</i> including transportation services, mileage reimbursement, lodging, meals, and other miscellaneous cost such as parking, etc.
Advertisements	Advertising	\$250	\$250	\$250	\$250	\$1,000	Such as advertising and legal notices.
Undesignated Budget	Misc. Operating	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000	Such as: printing & reproduction, publications, and public notices, refreshments for volunteer boards/commissions, GIS and other in-house member agency support (not covered by in-kind services), equipment & supplies (i.e. computers, computer related supplies such as CDs, DVDs, etc.), projectors, printers, poster board, reproduction services, software licensing and fees, labels, business cards, periodicals, subscriptions, books, postage & mailing, promotion and public materials, misc. equipment rental, insurances, moving staff office location, and other expenses not included as part of overhead.
	Non-Staff Services Subtotal	\$29,000	\$21,000	\$19,000	\$19,000	\$88,000	
	Totals	\$160,220	\$152,820	\$150,220	\$150,220	\$613,480	

Draft - Estimated Expenditures Fiscal Year 2013/2014

Quarter Ending	Total Estimated Fiscal 2013/2014 Expenditure as of 6/30/14
WRWC Employees	367,532
Mileage Expenses	2,400
Legal Services	129,600
Lobbying Services	0
<i>Service Contract Subtotal</i>	499,532
Minutes	3,305
Website	9,500
Envision/G3	4,000
CAFR & Audit	8,300
Regional Training	500
Regional Travel	0
Advertising	600
Misc. Operating	0
Expiration of In-Kind Services (TMWA/DWR/SVGID)	0
<i>Non-Service Related Routine Operating Subtotal</i>	26,205
Routine Operating Expense Subtotals	525,737
<i>DWR / TMWA Consolidation</i>	300,000
<i>TROA 6700 AF Water Rights Requirement</i>	2,186,000
<i>208 Plan Review and Update</i>	0
Regional Water Planning	2,486,000
<i>DRI Cloud Seeding</i>	100,000
<i>Washoe ET Project</i>	7,500
<i>Water Usage Review Program</i>	66,000
<i>Certified Landscape Technician Program</i>	12,500
Conservation, Sustainability, Climate Change	186,000
<i>North Valleys Initiative (COR)</i>	0
Regional Reclaimed Water Planning Projects	0
<i>NPDES Storm Water Quality Management Program</i>	262,500
Regional Storm Water Planning Projects	262,500
Regional Flood Control Planning Projects	0
<i>Water Quality Standard and TMDL Review</i>	226,000
<i>TMWRF - Corrollo</i>	50,000
<i>Septic Alternatives Analysis</i>	75,000
<i>Federal 208 Pass through Gant for Septic Alternatives Analysis</i>	0
Regional Wastewater Planning Projects	351,000
<i>Plan Development Services</i>	0
<i>TMRPA GIS Population Model</i>	24,000
<i>DWR GIS Services</i>	0
Water Management Plan	24,000
<i>Project Subtotal</i>	3,309,500
Totals	3,835,237

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: May 1, 2014

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: E. Terri Svetich, P.E., Engineering Manager, City of Reno
Glen Daily, P.E., Associate Civil Engineer, City of Reno

SUBJECT: Discussion regarding a request by the City of Reno for partial funding of a watershed improvement project to reduce storm water flows to the Highland Canal and improve the quality of such flows to the Truckee River; possible direction to staff, and possible recommendation to the WRWC to approve funding in an amount not to exceed \$250,000 for the project from the Regional Water Management Fund ("RWMF")

SUMMARY

The Truckee Meadows Water Authority ("TMWA") has identified a stretch of the Highland Canal in the Mesa Park area that is at risk from quality and quantity perspectives resulting from storm water drainage. TMWA approached the City of Reno and Washoe County with a request for assistance to re-route drainage across the Highland Canal. Recognizing the benefits of protecting the source water of the majority of the drinking water supply for the Truckee Meadows, the City of Reno and Washoe County are working in partnership to move this project forward. The engineer's estimate for the construction phase of this project is \$832,000. The City of Reno Public Works Department has been pursuing funding for the project. A Truckee River Fund ("TRF") grant in the amount of \$400,000 for the first phase of the project has been approved with anticipation of additional TRF funding becoming available later this year. The TRF requires a 25% match, however neither the City of Reno nor Washoe County has sufficient funding to construct the improvements at this time. The City of Reno requests consideration of this proposal and a recommendation to the WRWC to approve funding in an amount not to exceed \$250,000 in fiscal year 2014/2015 for this project.

BACKGROUND

In the 1990's TMWA constructed the Chalk Bluff Water Treatment Facility to comply with the Safe Drinking Water Act's Surface Water Treatment Rule. This facility provides the majority of drinking water to the Truckee Meadows. The "Highland Ditch" conveys Truckee River water to Chalk Bluff for treatment. It is common that the ditches in our community receive stormwater and the Highland Ditch is no exception. Over the years, TMWA has invested heavily in improvements to the "Ditch" to make it an exclusive source-water conveyance and it is now referred to as the Highland Canal. TMWA has expressed concern that the water supply to the Chalk Bluff Water Treatment Facility is adversely affected by non-point source pollution introduced by storm water flow, which increases both treatment costs and risks to public health. The cost and complexity of treatment processes varies depending upon the source water. The City of Reno, Washoe County and Nevada

Department of Transportation have installed Best Management Practices within their rights-of-way to minimize pollutants in storm water. However, areas still remain where stormwater flows across publicly and privately owned property, carrying sediments and pollutants into the Highland Canal.

DISCUSSION

TMWA has pursued a design to reroute the problem drainage past the Highland Canal and to the Truckee River, and will complete the project design and assist with the permitting. The estimated cost to construct this design is \$832,000 with an additional \$147,000 for inspection, testing, permitting and project management. TMWA has approached both the City of Reno and Washoe County to take on this project. Recognizing this is in the best interest of the citizens of the Truckee Meadows, the City of Reno, Washoe County and TMWA are teaming up to implement the proposed project, which will reroute certain storm water now flowing into the Canal, so that it will flow into the the river instead, through structural controls along the way to improve the water quality in the runoff.

An interlocal agreement is being developed to define roles and responsibilities. The City of Reno Public Works Department is willing to take on bidding the project and provide project management oversight, with Washoe County as a cooperative partner assisting with inspection services. The completed infrastructure will become part of the Municipal Separate Storm Sewer System (MS4) managed by the City of Reno and Washoe County. The City of Reno recognizes that the project and funding will need to be phased and come from multiple sources. Construction of the project is not expected until the fall of 2014. The City of Reno requests consideration of this proposal and a recommendation to the WRWC to approve funding in an amount not to exceed \$250,000 in fiscal year 2014/2015 for this project.

FISCAL IMPACT

The fiscal impact to the RWMF, should this item be approved, will be \$250,000 in fiscal year 2014/2015. Budget authority will be located in Fund Group 766, Fund 7066, Account Number 710100, Professional Services, Cost Object WP310300.

RECOMMENDATION

Staff recommends that the NNWPC consider the proposal from the City of Reno and make a recommendation to the WRWC to approve funding in an amount not to exceed \$250,000 in fiscal year 2014/2015 for this project, or provide other appropriate direction to staff.

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: May 1, 2014

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: Report on the Truckee Meadows Regional Planning Agency (“TMRPA”) Parcel-based Population and Employment Modeling Project

SUMMARY

The scope of work in the Interlocal Agreement between the Regional Planning Governing Board and the Western Regional Water Commission (“WRWC”), titled “Regional Data Development and Analytical Program” is divided into two phases. Phase One provided for development of core land use data sets and the completion of the population and employment model. These tasks are essentially finished. Phase Two includes the development of water planning-related decision support tools, (such as model parameters, data sets and needs assessments), a regional scenario planning program and outreach to regional stakeholders.

Work since the last report to the NNWPC, in September 2013, has focused on scoping Phase Two activities:

- Develop a request for qualifications to retain technical assistance for the completion of a residential land needs assessment and a scenario planning process; and,

- Develop an existing conditions report, building on existing datasets, to serve as a scenario planning baseline.

TMRPA is also presently working on completing the 2014 consensus population forecast, which will be incorporated into Phase Two activities.

BACKGROUND

On March 11, 2011, the WRWC entered into an Interlocal Agreement with the RPGB to help fund the development of regional data to enhance the ongoing TMRPA Population and Employment Modeling program. The agreement as amended commits up to \$486,000 from the RWMF and up to \$224,000 in in-kind services, (i.e. NNWPC staff time) over fiscal years 2010-11 through 2013-14. Billings to date total \$163,833, against the RWMF budget, leaving a \$322,167 balance.

JS:jd

Attachment

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: May 1, 2014
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Report on the U.S. Bureau of Reclamation's Truckee River Basin Study

SUMMARY

The Bureau of Reclamation ("BOR") has held two webinar workshops with the Truckee River Basin Study Technical Advisory Group, one on June 24, 2013 concerning water supply and the other on August 26, 2013 on water demand. In September 2013 the Study Team, consisting of BOR staff and Montgomery Watson Harza staff, distributed and received input on two storylines intended to describe the plausible range of economic conditions that could develop in the Truckee River Basin between now and the year 2100. The storylines will be used to develop technical inputs to the Truckee River Planning Model. These inputs, in combination with storylines developed for water supply, will be used to identify potential imbalances in water supply and demand.

The 2013 workshops were the first of multiple technical workshops planned to introduce and discuss the technical assessments being performed for the Study and focused on approaches for estimating water supply availability in the Truckee River Basin under both current and future conditions, especially considering climate change impacts. The next workshop, on risk and reliability, initially planned for the first quarter of 2014, has been postponed until later this year. A risk and reliability analysis report is expected to be released near the end of the year.

Staff communicated recently with Arlen Nickel, BOR Truckee River Basin Study project manager, who reported that the Study Team has compiled and reviewed supply and demand data received last year from project partners, and growth projection data provided by the Truckee Meadows Regional Planning Agency. Also, a hydrology model is currently being developed. The Study Team expects to hold a mid-summer workshop to discuss and receive input concerning mitigation and adaptation opportunities and strategies.

BACKGROUND

In 2010, the BOR initiated the Truckee River Basin Study, one of 17 basin studies funded since 2009. A BOR fact sheet states that the study will specifically identify potential climate change impacts to the Truckee River hydrology that relate to agricultural and urban water supply and demand; flood control; hydroelectric power generation; recreation; fish, wildlife, and their habitats (including endangered species issues); water quality; and, flow and water dependent ecological systems. It is envisioned that the Basin Study will accomplish the following objectives:

- Achieve broad consensus to identify a set of climate change scenarios to consider for the Truckee Basin within the context of addressing water supply and demand risks, reliability, and other resource issues;
- Provide potential revised inputs to the Truckee River RiverWare hydrologic modeling for the overall Truckee Basin including the Lake Tahoe sub-basin and Truckee Meadows areas; and,
- Prioritization of identified strategies and options and recommendations for potential future actions.

JS:jd

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: April 30, 2014

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: Informational report on the Washoe County Water Utility / South Truckee Meadows General Improvement District / Truckee Meadows Water Authority consolidation.

Jim Smitherman will provide a brief verbal report on the Washoe County Water Utility / South Truckee Meadows General Improvement District / Truckee Meadows Water Authority consolidation.

JS:jd

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: April 30, 2014
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Program Manager's Report

Attached are updated reports for items a) and b) for your review. A verbal report will be given on item c).

- a) Status report of Projects and Work Plan supported by the Regional Water Management Fund
- b) Financial report on the Regional Water Management Fund
- c) Informational report from the NWNPC representative on the TMWA Standing Advisory Committee ("TMWA SAC")

**Status Report of Projects and Work Plan
Supported by the Regional Water Management Fund**

	Project Name	Contractor / Provider	Amount	Balance Remaining	Percent Complete	Target Completion Date	Notes
1	Certified Landscape Technician Program 2013-2014	Nevada Landscape Association (NLA)	25,000	25,000		12/31/13	12/31/15 New contract being developed
2	Cloud Seeding Program for Water Year 2014	(DRI) Desert Research Institute	100,000	98,260	2%	3/31/15	Work is in progress
3	Envision Videographers of WRWC meetings	Envision	3,000	1,875	38%	6/30/14	Work is in progress
4	Fourth Amendment to Reimburse TMWA and DWR for consolidation efforts (FY 2013-2014)	DWR, TMWA	300,000	300,000	0%	6/30/14	Work is in progress
5	G3 Productions NNWPC FY 2012-13	G3 Productions	5,000	3,911	22%	6/30/14	Work is in progress
6	Regional Data Development and Analytical Program (FY 2011-2012)	Truckee Meadows Regional Planning Agency	486,000	322,167	34%	6/30/14	Work is in progress
7	Regional Storm Water Quality Management Program (Second Amendment)	City of Reno	262,500	172,092	34%	6/30/14	Work is in progress
8	Septic - Phase II	County - CSD	150,000	150,000	0%	12/31/14	Work is in progress
9	TMDL Phase I Fourth Amendment	City of Reno (LimnoTech)	300,000	93,417	69%	6/30/14	Work is in progress
10	TRIG Website Support FY 2013-14	City of Reno	7,500	6,648	11%	6/30/14	Work is in progress
11	TROA - 6,700 AF water rights purchase	TMWA	2,700,000	683,756	75%	Open Ended	Work is in progress
12	TMWRF Treatment Study	City of Reno	50,000	11,532	77%	6/30/14	Work is in progress
13	Washoe Evapotranspiration (ET) Project Maintenance	DRI (Desert Research Institute)	10,000	9,495	5%	6/30/15	Work is in progress
14	Water Usage Review Program 2013 - 2014	TMWA	131,352	65,558	50%	12/31/14	Work is in progress
15	Website support Fiscal Year 2012-2013	Washoe County Technology Services	12,500	11,282	10%	6/30/14	Work is in progress

Fund 766

Report 400/ZF15

Fiscal Year 2014; Period 1 through 10

**Financial Report on the
Regional Water Management Fund**

Accounts	Plan Budget	Actual (Revenue & Expenses)	PO Commit (Remaining PO Balance)	Actual + PO	Available (Budget Minus Actual + PO)	Avail%	PreCommit (PO's Requested)	Available (Budget Minus PO Requisitions)	Avail%
Interest-Pooled Inv.	83,537.00-	37,516.93-		37,516.93-	46,020.07-	55-		46,020.07-	55-
RGL Pooled Inv.		2,722.51		2,722.51	2,722.51-			2,722.51-	
URGL Pooled Inv.		1,154.42		1,154.42	1,154.42-			1,154.42-	
Water Surcharge 1.5%	1,366,984.00-	1,201,521.41-		1,201,521.41-	165,462.59-	12-		165,462.59-	12-
** REVENUE	1,450,521.00-	1,235,161.41-		1,235,161.41-	215,359.59-	15-		215,359.59-	15-
Professional Services	1,792,000.00	772,561.48	859,059.20	1,631,620.68	160,379.32	9		160,379.32	9
WRWC Staff & Legal	480,932.00	316,096.88	32,400.00	348,496.88	132,435.12	45.03		132,435.12	45.03
Fin Consult Services	23,000.00	8,300.00		8,300.00	14,700.00	64		14,700.00	64
Invest Pool Alloc Ex		2,428.00		2,428.00	2,428.00-			2,428.00-	
Service Contract		1,100.00		1,100.00	1,100.00-			1,100.00-	
Operating Supplies		1,859.00		1,859.00	1,859.00-			1,859.00-	
Office Supplies		71.20		71.20	71.20-			71.20-	
Pmts to Outside Agencies	2,700,000.00	2,016,244.00	683,756.00	2,700,000.00					
Seminars and Meetings	3,000.00	699.00		699.00	2,301.00	77		2,301.00	77
Advertising	5,000.00	134.00		134.00	4,866.00	97	70.00	4,796.00	96
Undesignated Budget	15,000.00				15,000.00	100		15,000.00	100
Insurance Premium		3,269.00		3,269.00	3,269.00-			3,269.00-	
Travel	7,000.00	920.80		920.80	6,079.20	87		6,079.20	87
** EXPENDITURES	5,025,932.00	3,123,683.36	1,575,215.20	4,698,898.56	327,033.44	7	70.00	326,963.44	7
*** Total	3,575,411.00	1,888,521.95	1,575,215.20	3,463,737.15	111,673.85	3	70.00	111,603.85	3

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: April 30, 2014

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: Informational report from the NNWPC representative on the Truckee Meadows Water Authority Standing Advisory Committee (“TMWA SAC”).

George Ball, the NNWPC representative on the TMWA Standing Advisory Committee, will provide a brief verbal report concerning the recent TMWA SAC meeting.

JS:jd