

NORTHERN NEVADA WATER PLANNING COMMISSION (“NNWPC”) AGENDA

Wednesday, April 4, 2012
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. 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.
5. 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 (630 Greenbrae Dr), Sun Valley GID (5000 Sun Valley Blvd.), TMWA (1355 Capital Blvd.), Washoe County Administration Building (1001 E. 9th Street), Washoe County Clerk's Office (Court and Virginia Streets), Washoe County Central Library (301 South Center St.), Washoe County Department of Water Resources (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 March 7, 2012, meeting. **(for possible action)**
5. Selection of Chairman and Vice Chairman for the term April 2012 to April 2013, and possible direction to staff. **(for possible action)**
6. Review tentative budget for fiscal year 2012 – 2013 and possible recommendation to the Western Regional Water Commission ("WRWC") to approve budget, and possible direction to staff, Jim Smitherman, NNWPC Water Resources Program Manager. **(for possible action)**
7. Report on status of the Nevada Division of Environmental Protection's review of the Truckee River water quality standards for nutrients, Jim Smitherman. *

8. Discussion and possible recommendation to the WRWC that Washoe County's draft consensus population forecast for 2032 can be supported by the sustainable water resources set forth in the Comprehensive Regional Water Management Plan, Jim Smitherman. **(for possible action)**
9. Monthly update on the Truckee Meadows Regional Planning Agency's parcel-based population and employment modeling program, and possible direction to staff, Jim Smitherman. **(for possible action)**
10. Report on activities at the February meeting of the Legislative Committee to Oversee the WRWC, Jim Smitherman. *
11. Program Manager's Report, Jim Smitherman. *
 - 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 NNWPC representative on the Truckee Meadows Water Authority Standing Advisory Committee ("TMWA SAC")
12. Discussion regarding agenda items for the May 2, 2012, NNWPC meeting, and other future meetings, and possible direction to staff, Jim Smitherman. **(for possible action)**
13. Commission comments. *
14. Staff comments. *
15. Public Comments. * (Three-minute time limit per person.)
16. Adjournment.

*Indicates a non-action item

**NORTHERN NEVADA WATER PLANNING COMMISSION
MINUTES**

Wednesday, March 7, 2012

The regular meeting of the Northern Nevada Water Planning Commission (“NNWPC”) was held on Wednesday, March 7, 2012 in the Reno City Council Chambers, 1 East First Street, Reno, Nevada.

- 1. Roll Call and determination of presence of a quorum** – Chairman Ball called the meeting to order at 1:35 p.m. There was a quorum present.

Voting Members Present:

George W. Ball, Jr., Chairman
Neil Krutz, Vice Chairman
John Buzzone
John Flansberg
Mickey Hazelwood
John Jackson
Darrin Price
Jerry Schumacher
Stan Shumaker

Voting Members Absent:

Michael DeMartini
John Erwin

Non-Voting Members Present:

My-Linh Nguyen

Non-Voting Members Absent:

John Bird
David Boland
Harry Fahnestock
Kelvin Hickenbottom
Janelle Thomas

Staff Members Present:

Jim Smitherman
June Davis
John Rhodes, Legal Counsel

2. Public Comments.

Chairman Ball called for public comments and hearing none, closed the public comment period.

3. Approval of the agenda.

Commissioner Price made a motion to approve the March 7, 2012 meeting agenda as posted. Commissioner Flansberg seconded the motion, which carried unanimously.

4. Approval of minutes from the February 1, 2012 meeting.

Commissioner Buzzone made a motion to approve the minutes of the February 1, 2012 meeting as submitted. Commissioner Flansberg seconded the motion, which carried unanimously.

5. Discussion of the process to review the draft Washoe County Consensus Population Forecast and complete an analysis comparing future water demands to sustainable water resources; and possible direction to staff, Jim Smitherman.

Chairman Ball invited Jim Smitherman to present this item. Mr. Smitherman reminded members that in 2010, as part of the development of the Regional Water Plan, the NNWPC compared the potentially

available sustainable water resources in Washoe County with the estimate of the amount of water needed to support the projected 2030 population. He reported that the Water Plan identified estimated sustainable water resources of approximately 183,200 acre-feet per year. The Water Plan estimates a demand of approximately 142,000 acre-feet based on the projected 2030 population of 590,500. He summarized that the projected water demand is well below what is potentially available.

Mr. Smitherman explained that in 2010, the Regional Planning Governing Board (“RPGB”) identified the NNWPC as the group to compare the draft Consensus Forecast with the estimated population that could be supported by the sustainable water resources, as set forth in the Water Plan. The information is to be presented to the Western Regional Water Commission (“WRWC”) in April of even-numbered years, with the results of the comparison by the following May 1. The purpose is for the information to be available prior to adoption of the Consensus Forecast, which is out for review currently.

Mr. Smitherman reported that he recently met with Shawn Stoddard from Truckee Meadows Water Authority (TMWA). He stated that TMWA’s water production for 2011 is 13% less than what was projected in the 2010 Water Resources Plan. He added that the Consensus Population Forecast for 2030 looks to be approximately 8% less than two years ago. He summarized that the population forecast and water demand is flattening.

Mr. Smitherman stated that his proposal is to continue working with Mr. Stoddard to develop a comparison report for the NNWPC to consider and possibly recommend to the WRWC. He added that TMWA’s updated population projection for their Water Resource Plan, which is updated every five years is not due for another two years, (due in 2014).

Commissioner Price asked for clarification that the previous water resource projection, based on the consensus forecast, showed that sufficient resources were available, with the estimated population decreased. Mr. Smitherman stated that is correct. Commissioner Price asked if any resources that were previously identified are no longer available. Mr. Smitherman stated that issue will be examined; however, he is not aware of any such situations. He added that there is a requirement to prepare the comparison report.

Chairman Ball offered the NNWPC’s direction to proceed forward as requested.

6. Discussion of the process to update the Clean Water Act Section 208 Water Quality Management Plan, and possible direction to staff, Jim Smitherman.

Chairman Ball invited Mr. Smitherman to present an update. Mr. Smitherman explained that the existing Washoe County 208 Water Quality Management Plan states that it should be reviewed and updated every five years (2012 is the fifth year since adoption of the Plan by Nevada Division of Environmental Protection [“NDEP”]).

Mr. Smitherman reported that there have been some significant changes since the Plan was adopted, which merit a review and some type of update. He stated that based on the flattened population projections, wastewater flows projections should be reviewed and updated. He added that the task may or may not require the use of professional services but funding is set aside. He reported that the Truckee River Operating Agreement (TROA) was signed in 2008. The WRWC was designated as the 208 Planning Agency for Washoe County.

Mr. Smitherman also noted that the Truckee Meadows Storm Water Management Plan was updated, as well as the Regional Water Management Plan since the 208 Plan was adopted.

Mr. Smitherman proposed (as previously done by the Truckee Meadows Regional Planning Agency) to

convene a small technical steering committee to review the 208 Plan to determine what revisions might be needed.

Chairman Ball stated that was a good idea. Commissioner Shumaker asked if the plan was to finalize the update of 208 Plan by the end of the year and added that the permit for Truckee Meadows Water Reclamation Facility ("TMWRF") is under review by the State. He mentioned that inclusion of the permit would be good. He suggested that possibly the completion date for the 208 Plan update be left open-ended. Mr. Smitherman agreed that was a good suggestion.

John Rhodes, Legal Counsel, commented that if the State is further delayed in the permit approval, the 208 Plan update could be approved by the NNWPC and the permit could be included as an amendment.

7. Monthly update on the Truckee Meadows Regional Planning Agency's (TMRPA) parcel-based population and employment modeling program, Jim Smitherman.

Chairman Ball requested an explanation of the parcel-based population and employment model as it relates to the Consensus Population in comparison to the sustainable water resources.

Mr. Smitherman stated that the model is not developed to the point of using it for that particular comparison; however, when it is complete, it will serve as a valuable tool in the process.

Mr. Smitherman reported that since his last update, he has been working on developing suitability factors in the form of geographic information system ("GIS") coverage for water infrastructure. He stated that he met with TMWA and received a map of TMWA's infrastructure zones/areas where different types of upgrades would be needed for future development. He stated that some zones would require a connection fee, which is included in the cursory ranking in the model. He summarized that he has adequate information from the water purveyors.

Mr. Smitherman stated that in addition, he would develop a suitability factor (using GIS coverage) that speaks to the availability of water resources for future development. Potential resources could include Truckee River water, groundwater, Vidler water, etc. He added that Vidler water would probably be available to developers at a higher cost. The water resources will be included as a layer in determining suitability factors for development.

Mr. Smitherman reported that TMRPA is still looking at a target date of June to pass on a new set of model runs to the Regional Transportation Commission (RTC) for inclusion in their updated Regional Transportation Plan.

Chairman Ball asked if the water quality of the Vidler system has been evaluated for the impact on the water treatment plant. Commissioner Shumaker stated it has been evaluated and the impacts were not significant.

8. Program Manager's Report

- 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 NNWPC representative on the Truckee Meadows Water Authority Standing Advisory Committee ("TMWA SAC")**

Mr. Smitherman reported that the items included in the agenda packet are provided as informational items. He reported that he provided an update to the TWMA SAC last month and the report was well-received.

Chairman Ball referred to the “Status Report of Projects and Work Plan” and asked why many of the items show zero percent complete. Mr. Smitherman stated that those items are in the process of finalizing agreements or purchase orders or nothing has been billed.

9. Discussion regarding agenda items for the April 4, 2012, NNWPC meeting, and other future meetings, and possible direction to staff, Jim Smitherman.

Mr. Smitherman reported that the April NNWPC meeting would include the following agenda items:

- Election of new NNWPC Chairman and Vice-Chairman
- Review of the tentative Fiscal Year 2012-2013 budget, with possible recommendation to the WRWC
- Discussion of the process to review the Washoe County Consensus Forecast
- Report on status of NDEP’s review of the Truckee River water quality nutrient standards
- Program Manager’s Report

Commissioner Price requested an update on the Legislative Oversight Committee’s prior meeting, along with the upcoming steps. Mr. Smitherman offered to provide a brief review of the meeting under Staff Items.

Commissioner Price stated that although TROA was signed, he heard there were additional lawsuits and requested an update. Mr. Smitherman stated that John Erwin provided a comprehensive update on TROA at the TMWA SAC meeting and offered to request a presentation to the NNWPC.

Commissioner Shumaker mentioned that RTC provided an update in December on the proposed relocation of Steamboat Creek and requested another update when it is appropriate. He mentioned that Commissioner Jackson had requested an Environmental Impact Statement (EIS) for the project.

10. Commission Comments.

Commissioner Price thanked Mr. Smitherman for the great work on the parcel-based model.

Commissioner Price announced that he would not be present at the next NNWPC meeting and requested not being appointed as Chairman or Vice-Chairman.

11. Staff Comments.

Mr. Smitherman stated that Chris Wessel was absent from this meeting because he was attending the Nevada Water Resource Association (NWRA) Conference in Southern Nevada.

Mr. Smitherman reported that the Legislative Oversight Committee members include Senator Lee, Senator Schneider, Senator Gustafson (Chairman), Assemblywoman Benitez-Thompson, Assemblyman Daly, and Assemblyman Goicoechea (Vice-Chairman). Mr. Smitherman, Rosemary Menard, Jeff Tissier and Mark Foree discussed the consolidation efforts between TMWA and Washoe County Department of Water Resources. He stated that John Erwin provided a report on sources of water supply. He added that Darrin Price, Terri Svetich and Mark Foree provided an update on water, wastewater and reclaimed water infrastructure. Other discussion items included water quality, wastewater effluent issues (presented by John Buzzone), storm water management (by Terri Svetich) and information on interbasin transfer policies and process (presented by the State Engineer’s office). He added that Danielle Henderson also provided an update on the Truckee River Flood Project.

Chairman Ball asked about the discussion of the interbasin transfers. Mr. Rhodes stated that Kelvin Hickenbottom provided a general presentation of the processes and made references to Southern Nevada Water Authority requests and statutory requirements.

Mr. Smitherman stated there were a few questions on the ongoing septic and groundwater quality work. He summarized that presentation of the issues was well-received and there will probably be one additional meeting in July. At that time, any bill draft requests (BDRs) would be discussed.

12. Public Comments.

Chairman Ball called for public comments and hearing none, closed the public comment period.

13. Adjournment.

With no further business, the meeting was adjourned at 2:05 p.m.

Respectfully submitted by,

Niki Linn, Recording Secretary

Approved by Commission in session on _____ 2012.

George W. Ball, Jr., Chairman

DRAFT

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: March 27, 2012
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Selection of Chairman and Vice Chairman for the term April 2012 to April 2013, and possible direction to staff.

SUMMARY

Section 39 of the Western Regional Water Commission Act, Chapter 531, Statutes of Nevada 2007 (the "Act"), requires that the Northern Nevada Water Planning Commission ("NNWPC") "establish a schedule for the selection of its Chairman for a term of 1 year, in rotation, from among the members." The Act identifies the voting members of the NNWPC by title, position, or interest to be represented, and is silent concerning a vice chairman. However, the Act does not prohibit selection of a vice chairman, and, prior to adoption of the NNWPC Administrative policies and Procedures on May 5, 2010, a vice chairman was selected by custom and practice to preside over meetings in the absence of the chairman. Section V of the NNWPC Administrative Policies and Procedures provides for the selection of a chairman and a vice chairman, for a term of one year, in rotation, from among the voting members, annually, at the first meeting in April.

PREVIOUS ACTION

One year term is April – March

- 2008 Member: SVGID General Manager, Chairman-Darrin Price
Vice Chairman-Wayne Seidel
- 2009 Member: Sparks Public Works Director, Chairman-Wayne Seidel
Vice Chairman-George Ball
- 2010 Member: TMWA, General Manager's designee, Chairman-John Erwin
Vice Chairman-Jerry Shumacher
- 2011 Member: Washoe County Conservation District, Chairman-George Ball
Vice Chairman-Neil Krutz

FISCAL IMPACT

None

RECOMMENDATION

It is recommended that the NNWPC select a chairman and vice chairman for a 1-year term ending on March 31, 2013.

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Northern Nevada Water Planning Commission

STAFF REPORT

DATE: March 27, 2012

TO: Chairman and Members, Northern Nevada Water Planning Commission

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

SUBJECT: Review tentative budget for fiscal year 2012-2013 and possible recommendation to the Western Regional Water Commission ("WRWC") to approve budget, and possible direction to staff

SUMMARY

Staff has developed a tentative budget for fiscal year 2012-2013 for review and possible recommendation to the WRWC. The budget includes revenues, staff and non-staff professional services, and in-kind services. Additional budget worksheets include details for professional services related to priority projects and routine operating expenses. The budget is based on proposed action items presented in Table 9-1 of the 2011-2030 Comprehensive Regional Water Management Plan.

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 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 finalized tentative budget for review and adoption by the WRWC.

FISCAL IMPACT

The fiscal year 2012-2013 preliminary budget projects \$1,344,186 in revenue, \$3,577,319 in expenses, and an ending cash balance of approximately \$300,000. Budget expenses include a maximum of \$2,992,787 for WRWC work plan activities, \$481,532 for three full time staff and legal services, and various routine operating expenses in the amount of \$103,000.

RECOMMENDATION

Staff recommends that the NNWPC review the tentative budget for fiscal year 2012-2013 and, if acceptable, approve a recommendation for adoption by the WRWC.

Western Regional Water Commission
July 1, 2012 - June 30, 2013
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 | 1,322,988 | | | | | | | |
| Estimated Interest Income | 21,198 | | | | | | | |
| Total Revenue | 1,344,186 | | 0 | | 0 | | 0 | |
| PROFESSIONAL SERVICES/SUPPLIES | Amount | | Amount | | Amount | | Amount | |
| Estimated Professional Services (Page 2) | 2,992,787 | 1 | | | | | | |
| Staff Services (Page 3) | 481,532 | 2 | 62,629 | 3 | 25,200 | 4 | 1,500 | 8 |
| Non-Staff Services (Page 3) | 103,000 | | | | 1,200 | 5 | | |
| Total Professional Services/Supplies | 3,577,319 | | 62,629 | | 26,400 | | 1,500 | |
| OTHER EXPENSES | Amount | | Amount | | Amount | | Amount | |
| Estimated Misc. | | | 97,237 | 6 | 2,000 | 7 | | |
| Total Other Expense | 0 | | 97,237 | | 2,000 | | | |
| Total Expenses | 3,577,319 | | 159,866 | | 28,400 | | 1,500 | |

Net Decrease in Cash Reserves (\$2,233,133)

NOTES:

1. 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.
2. Proposed budget provides legal spending authority for contract staff services previously approved by the WRWC.
3. Washoe County estimate for labor overhead: 1.5% fund management, accounting, purchasing, human resources, information technology, routine/administrative and GIS/drafting services.
4. TMWA estimate to perform administrative tasks such as drafting and posting agendas, producing staff reports, delivering agenda packets, contracts to provide WRWC minutes and website postings and updates.
5. TMWA estimate for supplies to produce agendas, staff reports and agenda packets.
6. Washoe County estimate for services and supplies overhead: office space, utilities, computer hardware, software, copier, supplies.
7. TMWA estimate for office space, copier, computer expenditures.
8. Cost for various SVGID overhead related to providing staff resources.
9. Budget expenses exceed revenues by \$2,233,127 which reduces projected cash balance to approximately \$300,000 at 6/30/13.

Fiscal Year 2012-2013 Professional Services Budget Detail

| Professional Services Project Name | 2012/2013 1st Quarter Budget | 2012/2013 2nd Quarter Budget | 2012/2013 3rd Quarter Budget | 2012/2013 4th Quarter Budget | 2012/2013 Available Budget Total | Expense Description/Example |
|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|--|---|
| -b- | -f- | -g- | -h- | -i- | -j- | -k- |
| <i>Consolidation Feasability Analysis</i> | \$75,000 | \$75,000 | \$75,000 | \$75,000 | \$300,000 | Support for TMWA, DWR |
| <i>TROA 6700 AF Water Rights Requirement</i> | \$337,500 | \$337,500 | \$337,500 | \$337,500 | \$1,350,000 | Water rights acquisition and review of street/ROW water rights |
| <i>208 Plan Review and and Update</i> | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$20,000 | |
| Regional Water Planning Projects | \$417,500 | \$417,500 | \$417,500 | \$417,500 | \$1,670,000 | |
| <i>Cloud Seeding</i> | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$100,000 | ILA with DRI |
| <i>Washoe ET Project</i> | \$1,750 | \$1,750 | \$1,750 | \$1,750 | \$7,000 | ILA with DRI |
| <i>Water Usage Review Program</i> | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$100,000 | Inclusive of contract for TMWA 75k and SVGID 25k |
| <i>Certified Landscape Technician Program</i> | \$0 | \$0 | \$0 | \$12,500 | \$12,500 | ILA with NLA |
| Regional Water Conservation | \$51,750 | \$51,750 | \$51,750 | \$64,250 | \$219,500 | |
| <i>Integrated Wastewater and Reclaimed Water System Planning</i> | \$12,500 | \$12,500 | \$12,500 | \$12,500 | \$50,000 | Indirect Potable Reuse |
| Regional Reclaim Water Planning Projects | \$12,500 | \$12,500 | \$12,500 | \$12,500 | \$50,000 | |
| <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 Standard and TMDL Review</i> | 87,500 | 87,500 | 87,500 | 87,500 | \$350,000 | ILA with City of Reno and Agreement with Somach Simons & Dunn |
| <i>Septic System Mitigation Planning</i> | \$25,000 | \$25,000 | \$25,000 | \$25,000 | \$100,000 | 1. Phase II - Risk assessment data need 2. Future Alternatives Analysis |
| Regional Wastewater Planning Projects | \$112,500 | \$112,500 | \$112,500 | \$112,500 | \$450,000 | |
| <i>Water Balance Model Upgrade</i> | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$20,000 | |
| <i>TMRPA GIS Population Model</i> | \$80,197 | \$80,197 | \$80,197 | \$80,197 | \$320,787 | ILA with RPGB |
| Comprehensive Plan | \$85,197 | \$85,197 | \$85,197 | \$85,197 | \$340,787 | |
| Totals | \$745,072 | \$745,072 | \$745,072 | \$757,572 | \$2,992,787 | |

Western Regional Water Commission

| Quarter Ending | | 2012/2013 1st Quarter Budget | 2012/2013 2nd Quarter Budget | 2012/2013 3rd Quarter Budget | 2012/2013 4th Quarter Budget | 2012/2013 Annual Routine Operating Budget Total | Expense Description/Example |
|--|--------------------|------------------------------------|---------------------------------|------------------------------------|------------------------------------|--|---|
| WRWC Employees | Staff Services | \$83,633 | \$83,633 | \$83,633 | \$83,633 | \$334,532 | Cost for <i>Support Staff</i> services as defined by employee services contract entered into between Washoe County and WRWC. |
| Mileage Expenses | | \$600 | \$600 | \$600 | \$600 | \$2,400 | Annual routine daily vehicle mileage expenses. |
| Legal Services | | \$36,000 | \$36,000 | \$36,000 | \$36,000 | \$144,000 | Cost for <i>Legal Counsel</i> services as defined by contract as entered into between John Rhodes and WRWC |
| Lobbying Registration | | \$0 | \$0 | \$600 | \$0 | \$600 | Cost for registration for staff members as state lobbyists |
| Staff Services Subtotal | | \$120,233 | \$120,233 | \$120,833 | \$120,233 | \$481,532 | |
| Minutes | Non-Staff Services | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$20,000 | Annual service contract to provide for recording of meetings and transcription of minutes. |
| Website | | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$20,000 | 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 | | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$10,000 | Annual Expense for video coverage of WRWC and NNWPC Meetings. |
| CAFR & Audit | | \$23,000 | \$0 | \$0 | \$0 | \$23,000 | Annual Expense for CAFR development and Financial Audit. |
| Regional Training | | \$750 | \$750 | \$750 | \$750 | \$3,000 | Cost of travel and training for staff members <i>not covered by in-kind services</i> including transportation services, mileage reimbursement, lodging, meals, registration and other miscellaneous cost such as reference materials, parking meters, field trips, etc. |
| Regional Travel | | \$1,750 | \$1,750 | \$1,750 | \$1,750 | \$7,000 | Cost of travel and training for staff members <i>not covered by in-kind services</i> including transportation services, mileage reimbursement, lodging, meals, registration and other miscellaneous cost such as reference materials, parking meters, field trips, etc. |
| Advertising | | \$1,250 | \$1,250 | \$1,250 | \$1,250 | \$5,000 | Such as Advertising and Legal Notices. |
| Misc. Operating | | \$3,750 | \$3,750 | \$3,750 | \$3,750 | \$15,000 | 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, CD label machine, poster board, reproduction services, software licensing and fees, labels, business cards, periodicals, subscriptions, books, postage & mailing, promotion and public materials, miscellaneous equipment rental, insurances, general overhead expenses. |
| Expiration of In-Kind Services (TMWA/DWR/SVGID) | | \$0 | \$0 | \$0 | \$0 | \$0 | Currently all in-kind service costs are covered by member agencies as specified by interlocal agreement. |
| Non-Staff Services Subtotal | | \$43,000 | \$20,000 | \$20,000 | \$20,000 | \$103,000 | |
| Totals | | \$163,233 | \$140,233 | \$140,833 | \$140,233 | \$584,532 | |

Estimated Expenditures FY 2012/2013

| Quarter Ending | 2010/2011 Estimate to Complete | Total Estimated Fiscal 2011/2012 Expenditure as of 6/30/12 |
|--|--------------------------------------|--|
| WRWC Employees | 334,532 | 334,532 |
| Mileage Expenses | 2,400 | 2,400 |
| Legal Services | 145,000 | 145,000 |
| lobbying Services | 600 | 600 |
| <i>Service Contract Subtotal</i> | 482,532 | 482,532 |
| Minutes | 3,000 | 3,000 |
| Website | 10,000 | 10,000 |
| Invision/G3 | 4,500 | 4,500 |
| CAFR & Audit | 8,000 | 8,000 |
| Regional Training | 0 | 0 |
| Regional Travel | 0 | 0 |
| Advertising | 1,000 | 1,000 |
| Misc. Operating | 3,527 | 3,527 |
| Expiration of In-Kind Services (TMWA/DWR/SVGID) | | 0 |
| <i>Non-Service Related Routine Operating Subtotal</i> | 27,027 | 27,027 |
| Routine Operating Expense Subtotals | 509,559 | 509,559 |
| <i>DWR / TMWA Consolidation</i> | 300,000 | 300,000 |
| <i>TROA 6700 AF Water Rights Requirement</i> | 0 | 0 |
| <i>208 Plan Review and Update</i> | 0 | 0 |
| Regional Water Planning | 0 | 300,000 |
| <i>DRI Cloud Seeding</i> | 90,000 | 90,000 |
| <i>Washoe ET Project</i> | 4,000 | 4,000 |
| <i>Water Usage Review Program</i> | 63,235 | 63,235 |
| <i>Certified Landscape Technician Program</i> | 19,230 | 19,230 |
| Conservation, Sustainability, Climate Change | 176,465 | 176,465 |
| <i>North Valley's Initiative (COR)</i> | 0 | 0 |
| Regional Reclaim Water Planning Projects | 0 | 0 |
| <i>NPDES Storm Water Quality Mangement Program</i> | 262,500 | 262,500 |
| Regional Storm Water Planning Projects | 262,500 | 262,500 |
| Regional Flood Control Planning Projects | 0 | 0 |
| <i>Water Quality Standard and TMDL Review</i> | 319,000 | 319,000 |
| <i>Septic Alternitives Analysis</i> | 20,000.00 | 20,000 |
| Regional Wastewater Planning Projects | 339,000 | 339,000 |
| <i>Plan Development Services</i> | 0 | 0 |
| <i>TMRPA GIS Population Model</i> | 66,200 | 66,200 |
| <i>DWR GIS Services</i> | 2,000 | 2,000 |
| Water Management Plan | 68,200 | 68,200 |
| <i>Project Subtotal</i> | 846,165 | 1,146,165 |
| Totals | 1,355,724 | 1,655,724 |

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: March 27, 2012
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Report on status of the Nevada Division of Environmental Protection's review of the Truckee River water quality standards for nutrients

SUMMARY

On November 2, 2011, the Northern Nevada Water Planning Commission ("NNWPC") received a general status report on the third party review of water quality standards for nutrients on the Truckee River from Terri Svetich of the City of Reno, and a report on water quality modeling tools being used in the review by Laura Weintraub of LimnoTech ("LTI").

The purpose of this status report is to apprise the NNWPC of the Nevada Division of Environmental Protection's ("NDEP") activities since last November and the effect on contract expenditures. On January 12, 2012, NDEP held a workshop on the Truckee River water quality standards review. NDEP staff explained that a review of the water quality standards would occur before, and not concurrently with, a review of the total maximum daily loads ("TMDLs"). Additionally, staff explained that consideration of water quality at Lahontan Reservoir, as a downstream body of water, would need to be included in the process. This would include a review of nutrient water quality standards applicable to Lahontan Reservoir, two years of water quality monitoring and subsequent analysis of the monitoring data. NDEP explained that this additional work may delay the review of Truckee River water quality standards by as much as 3 or 4 years.

A recent conversation with NDEP staff revealed, however, that it may be possible to review water quality standards for Lahontan Reservoir and the Truckee River concurrently, but that the work on Lahontan Reservoir would need to be finished before a review of Truckee River TMDL's could be started.

As was reported last November, Reno, Sparks, Washoe County, and the Truckee Meadows Water Authority (the "Third Parties") had begun engaging Truckee River stakeholders in workshops to review the water quality modeling tools developed by LTI. Stakeholder workshops were held on November 2 and December 14, 2011. The Third Parties are presently considering the possibility of concurrent water quality standards reviews and the timing of future stakeholder workshops. This development has slowed the rate of expenditures against the contract with LTI to the extent that a funding amendment this fiscal year will likely not be necessary.

BACKGROUND

The Clean Water Act (CWA) sets forth regulatory requirements for waterways that have impairments and do not support the designated beneficial uses due to loading from one or more pollutants (e.g., nutrients, temperature, sediment). Ideally, TMDLs are developed to correct the impairment and restore the water quality. TMDLs were established on the Truckee River in 1994 for Total Dissolved Solids, Total Nitrogen and Total Phosphorus.

Since the 1994 TMDL was approved, new data have been collected, new modeling tools have been developed and operation of the Truckee River has changed. It is believed that there is benefit in reviewing and potentially revising the water quality standards and TMDL for nutrients to make a stronger scientific linkage between the TMDL, water quality standards, and National Pollutant Discharge Elimination System (NPDES). It is anticipated this will provide more flexibility for the region to implementing effective long-term planning of water and wastewater infrastructure. The outcome of the TMDL review process has implications for regulating, permitting and monitoring the discharges to the Truckee River.

JS:jd

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: March 27, 2012
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Discussion and possible recommendation to the WRWC that Washoe County's draft consensus population forecast for 2032 can be supported by the sustainable water resources set forth in the Comprehensive Regional Water Management Plan

SUMMARY

Nevada State Demographer (“NSD”) estimates show that the population in Washoe County peaked in 2008 and then dropped by about 7,200 persons between July 2008 and July 2009. Further, NSD estimates show that, in spite of modest growth, the population has not yet recovered to 2008 levels. As the NSD’s 2009 estimate was published after the last Consensus Forecast was compiled, that Forecast did not reflect the population decrease. The draft Consensus Forecast compiled earlier this year, however, reflects both the 2009 decrease in population and the generally slow economic conditions in Washoe County by incorporating a decrease in the population growth rate.

Staff consulted with Truckee Meadows Water Authority (“TMWA”) staff who confirmed that TMWA’s 20-year population projections are also running lower than two years ago. TMWA staff also indicated that 2011 water production was about 13 percent below what they projected in their 2010 Water Resource Plan. After discussing the level of effort required to produce the regional water demand estimate two years ago, staff is recommending against requesting that TMWA create a new model this year.

It is clear that, since the current draft Consensus Forecast uses a lower initial population estimate and a lower growth rate, a corresponding 20-year water demand estimate would certainly be lower than the projection done two years ago. It follows that, if the potential sustainable water resources identified in the 2011-2030 Comprehensive Regional Water Management Plan (“RWMP”) were determined to be capable of supporting a population greater than the 2030 population projected by the Consensus Forecast in 2010, those same water resources would support a lesser population as projected for the year 2032 in this year’s draft Consensus Forecast.

DISCUSSION

Population trend from 2000 to 2011

The NSD’s certified population estimates for Washoe County from 2000 to 2008 reflect an annual average growth rate of nearly 3.4 percent. The 2009 estimate, however shows a 1.7 percent population drop; or a decrease of 7,200 persons. Washoe County then gained an estimated 4,961 people from 2009 to 2011, an increase of 0.6 percent.

Draft Consensus Forecast

The Washoe County Department of Community Services (“DCS”), formerly Department of Community Development) provided the draft 2012 Consensus Forecast in February of this year. The population was compiled using data from TMWA, Global Insight, Woods and Poole, and the NSD. The draft Consensus Forecast population projection for 2032 is 560,772, which is 29,718 less than the 2010 Consensus Forecast population for 2030 (see table 1).

Water Resources

The Water Resources Baseline Table set forth in the RWMP has not been revised since the adoption of the Plan in January 2011. The estimate of potentially available, sustainable water resources therefore remains unchanged at approximately 183,200 acre feet per year.

Water Demand and Population Projections

TMWA’s long-range water demand projection for Washoe County also remains unchanged. The model projected a water demand of approximately 142,000 acre feet to support a population of approximately 590,500 as projected for the year 2030 by the 2010 Consensus Forecast. The model results further showed that the estimated population that can be supported by the identified sustainable water resources is approximately 741,000.

BACKGROUND

In January 2010, the Regional Planning Governing Board (“RPGB”) adopted certain amendments to the Truckee Meadows Regional Plan (“Regional Plan”), and the RPGB Regulations on Procedure, designating the Northern Nevada Water Planning Commission (“NNWPC”) and the Western Regional Water Commission (“WRWC”) as the entities to perform a comparison of the draft Washoe County Consensus Forecast and the estimated population that can be supported by the sustainable water resources as set forth in the RWMP prior to the adoption of the Consensus Forecast.

According to the amended RPGB Regulations on Procedure, the NNWPC, at its first scheduled meeting in April, will compare the draft Consensus Forecast with the estimated population that can be supported by the sustainable water resources as set forth in the RWMP and advance a recommendation to the WRWC. The WRWC will then make a determination based on the NNWPC’s recommendation concerning the comparison described above and inform Reno, Sparks, Washoe County, and the Truckee Meadows Regional Planning Agency (“TMRPA”) as to its finding by April 20. In addition, the RPGB Regulations on Procedure state that if the WRWC determines the draft Consensus Forecast is less than or equal to the estimated population that can be supported by the sustainable water resources identified in the RWMP, the WRWC will submit the draft Consensus Forecast to Reno, Sparks, Washoe County, and TMRPA by May 1 with a finding that the forecasted population can be supported by the sustainable water resources as set forth in the RWMP.

RECOMMENDATION

Staff requests that the NNWPC advance a recommendation to the WRWC to make a determination that the draft Consensus Forecast population for 2032 is less than the estimated population that can be supported by the sustainable water resources set forth in the RWMP.

Table 1

| Consensus Forecast | | |
|---------------------------|-------------------|-------------------|
| | Draft 2012 | 2010 |
| Year | Population | Population |
| 2010 | | 434,519 |
| 2011 | | 442,076 |
| 2012 | 425,930 | 449,680 |
| 2013 | 432,432 | 457,288 |
| 2014 | 438,722 | 464,924 |
| 2015 | 445,185 | 472,718 |
| 2016 | 451,801 | 480,610 |
| 2017 | 458,322 | 488,592 |
| 2018 | 464,503 | 496,440 |
| 2019 | 470,772 | 504,353 |
| 2020 | 477,238 | 512,137 |
| 2021 | 483,973 | 519,974 |
| 2022 | 490,591 | 527,680 |
| 2023 | 497,433 | 535,538 |
| 2024 | 504,162 | 543,242 |
| 2025 | 510,976 | 551,012 |
| 2026 | 517,697 | 558,624 |
| 2027 | 524,657 | 566,359 |
| 2028 | 531,645 | 574,048 |
| 2029 | 538,670 | 582,266 |
| 2030 | 545,707 | 590,490 |
| 2031 | 553,227 | |
| 2032 | 560,772 | |

JS:jd

NORTHERN NEVADA WATER PLANNING COMMISSION

STAFF REPORT

DATE: March 29, 2012
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Monthly update on the Truckee Meadows Regional Planning Agency's parcel-based population and employment modeling program

Jim Smitherman will give the Commission a verbal presentation on this subject.

NORTHERN NEVADA WATER PLANNING COMMISSION

STAFF REPORT

DATE: March 29, 2012
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Report on activities at the February meeting of the Legislative Committee to
Oversee the WRWC

Jim Smitherman will give the Commission a verbal presentation on this subject.

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: March 26, 2012
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 at the meeting updating 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 NNWPC representative on the Truckee Meadows Water Authority 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 | Amendment to TMDL Phase I | City of Reno (LimnoTech) | 400,000 | 85,595 | 79% | ILA 7/31/12 PO 12/31/12 | Work is in progress Amended to 7/31/12 |
| 2 | Amendment to TMDL Legal Services | Somach Simmons & Dunn | 50,000 | 39,001 | 22% | Amended to 6/30/12 | work in progress |
| 3 | Washoe Evapotranspiration (ET) Project Maintenance | DRI (Desert Research Institute) | 10,000 | 7,911 | 21% | 6/30/13 | FY 2012 - \$4,000 FY 2013 - \$6,000 |
| 4 | Regional Storm Water Quality Management Program | City of Reno | 262,500 | 152,694 | 42% | 6/30/12 | Work is in progress |
| 5 | Website support Fiscal Year 2011-12 | Washoe County Technology Services | 10,000 | 10,000 | 0% | 6/30/12 | ILA in approval process |
| 6 | G3 Productions NNWPC FY 10-11 | G3 Productions | 5,000 | 1,387 | 72% | 6/30/12 | Work is in progress |
| 7 | First Amendment to Reimburse TMWA and DWR for consolidation efforts (FY 2011-2012) | DWR, TMWA | 300,000 | 300,000 | 0% | 7/30/12 | Work is in progress |
| 8 | Regional Data Development | Truckee Meadows Regional Planning Agency | 486,000 | 356,455 | 27% | 6/30/13 | Work is in progress |
| 9 | TRIG Website Support | City of Reno | 7,500 | 7,500 | 0% | 6/30/12 | Waiting for Reno City Council to approve ILA |
| 10 | Septic Alternatives Analysis | Lombardo | 60,000 | 60,000 | 0% | | in review process |
| 11 | Certified Landscape Technician Program 2012-13 | Nevada Landscape Association (NLA) | 25,000 | 25,000 | 0% | 12/31/13 | Waiting for executed Contract to be returned |
| 12 | Cloud Seeding Program Winter 2011 | (DRI) Desert Research Institute | 100,000 | 100,000 | 0% | 12/31/12 | Waiting for PO |
| 13 | 2011-2012 TMWA Water Usage Review Program | TMWA | 126,470 | 126,470 | 0% | 12/30/13 | Waiting for PO |
| 14 | Audit of 2011-12 Fiscal Year | Schettler, Macy & Silva | 8,300 | 8,300 | 0% | | Waiting for PO |

Run Date: 03-27-12

Fund 766

Report: 400/ ZF15

Period 1 thru 9 - 2012 Fiscal Year

| 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% |
|-------------------------------|---------------|-----------------------------|----------------------------------|---------------|--------------------------------------|--------|----------------------------|--|--------|
| 481000 Interest-Pooled Inv. | 31,380.00- | 52,909.53- | | 52,909.53- | 21,529.53 | 69 | | 21,529.53 | 69 |
| 482100 RGL Pooled Inv. | | 8,810.94- | | 8,810.94- | 8,810.94 | | | 8,810.94 | |
| 482200 URGL Pooled Inv. | | 27,598.69- | | 27,598.69- | 27,598.69 | | | 27,598.69 | |
| 491060 Water Surcharge 1.5% | 1,284,980.00- | 1,071,598.69- | | 1,071,598.69- | 213,381.31- | 17- | | 213,381.31- | 17- |
| ** REVENUE | 1,316,360.00- | 1,160,917.85- | | 1,160,917.85- | 155,442.15- | 12- | | 155,442.15- | 12- |
| 710100 Professional Services | 1,384,500.00 | 530,136.12 | 482,665.77 | 1,012,801.89 | 371,698.11 | 27 | | 371,698.11 | 27 |
| 710110 Contracted/Temp Svcs | 334,532.00 | 170,328.38 | | 170,328.38 | 164,203.62 | 49 | | 164,203.62 | 49 |
| 710120 Legal Fees | 144,000.00 | 89,760.00 | 48,960.00 | 138,720.00 | 5,280.00 | 4 | | 5,280.00 | 4 |
| 710139 Fin Consult Services | 23,000.00 | 8,000.00 | | 8,000.00 | 15,000.00 | 65 | | 15,000.00 | 65 |
| 710149 Invest Pool Alloc Ex | | 2,116.09 | | 2,116.09 | 2,116.09- | | | 2,116.09- | |
| 710155 Lobbying Services | 600.00 | | | | 600.00 | 100 | | 600.00 | 100 |
| 710200 Service Contract | 50,000.00 | 5,272.50 | 15,758.50 | 21,031.00 | 28,969.00 | 58 | | 28,969.00 | 58 |
| 710400 Pmts to O Agencies | 1,700,000.00 | | | | 1,700,000.00 | 100 | | 1,700,000.00 | 100 |
| 710509 Seminars and Meetings | 3,000.00 | | | | 3,000.00 | 100 | | 3,000.00 | 100 |
| 710511 Support Service - Reim | | 918.66 | | 918.66 | 918.66- | | | 918.66- | |
| 710512 Auto Expense | 2,400.00 | | | | 2,400.00 | 100 | | 2,400.00 | 100 |
| 710546 Advertising | 10,000.00 | | | | 10,000.00 | 100 | | 10,000.00 | 100 |
| 710585 Undesignated Budget | 10,000.00 | 416.19 | | 416.19 | 9,583.81 | 96 | | 9,583.81 | 96 |
| 710594 Insurance Premium | | 3,269.00 | | 3,269.00 | 3,269.00- | | | 3,269.00- | |
| 711210 Travel | 7,000.00 | | | | 7,000.00 | 100 | | 7,000.00 | 100 |
| 711508 Computers nonCapital | | | | | | | 2,473.24 | 2,473.24- | |
| ** EXPENDITURES | 3,669,032.00 | 810,216.94 | 547,384.27 | 1,357,601.21 | 2,311,430.79 | 63 | 2,473.24 | 2,308,957.55 | 63 |
| *** Total | 2,352,672.00 | 350,700.91- | 547,384.27 | 196,683.36 | 2,155,988.64 | 92- | 2,473.24 | 2,153,515.40 | 92- |