

**NORTHERN NEVADA WATER PLANNING COMMISSION (“NNWPC”)
AGENDA**

Wednesday, March 7, 2012
1:30 p.m.

Reno City Council Chambers
1 East First 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 February 1, 2012, meeting. **(for possible action)**
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. **(for possible action)**
6. Discussion of the process to update the Clean Water Act Section 208 Water Quality Management Plan, and possible direction to staff, Jim Smitherman. **(for possible action)**
7. Monthly update on the Truckee Meadows Regional Planning Agency's parcel-based population and employment modeling program, Jim Smitherman. **(for possible action)**

8. 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")
9. Discussion regarding agenda items for the April 4, 2012, NNWPC meeting, and other future meetings, and possible direction to staff, Jim Smitherman. **(for possible action)**
10. Commission comments. *
11. Staff comments. *
12. Public Comments. * (Three-minute time limit per person.)
13. Adjournment.

*Indicates a non-action item

**NORTHERN NEVADA WATER PLANNING COMMISSION
MINUTES**

Wednesday, February 1, 2012

The regular meeting of the Northern Nevada Water Planning Commission (“NNWPC”) was held on Wednesday, February 1, 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 1:40 p.m. There was a quorum present.

Voting Members Present:

George W. Ball, Jr., Chairman
Neil Krutz, Vice Chairman
John Buzzone
Michael DeMartini
John Erwin
John Flansberg
John Jackson
Darrin Price
Jerry Schumacher
Stan Shumaker (arrived at 1:46 p.m.)

Voting Members Absent:

Mickey Hazelwood

Non-Voting Members Present:

My-Linh Nguyen (arrived at 1:43 p.m.)

Non-Voting Members Absent:

John Bird
David Boland
Harry Fahnestock
Kelvin Hickenbottom
Janelle Thomas

Staff Members Present:

Jim Smitherman
Chris Wessel
June Davis
John Rhodes, Legal Counsel

2. Public Comments.

Chairman Ball called for public comments

Ginger Pierce, Galena / Steamboat Citizens Advisory Board (CAB) and Pleasant Valley homeowner, stated that Ormat agreed to work with those affected by the drilling of a well on the fault line (which is planned). She stated that temperatures in the domestic wells have been monitored by representatives of her group. She reiterated that Ormat is agreeable to working with the CAB and homeowners.

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

3. Approval of the agenda.

Commissioner Flansberg made a motion to approve the February 1 meeting agenda as posted. Commissioner Erwin seconded the motion, which carried unanimously.

4. Approval of minutes from the December 7, 2011 meeting.

Commissioner Erwin made a correction to Barry Winzeler’s comment on page 8 of 9 of the December 7,

2011 minutes. He revised the second bullet to read, "During the recent fire in Southwest Reno, TMWA's pumping ability in the affected area was lost due to power failure."

Commissioner Erwin made a motion to approve the minutes as amended. Commissioner Krutz seconded the motion, which carried unanimously. Chairman Ball and Commissioners Flansberg and DeMartini abstained.

5. Report on the Truckee Meadows Water Authority ("TMWA") Water Usage Review Program for 2010 and 2011; discussion and possible recommendation to the Western Regional Water Commission ("WRWC") regarding a scope of work and request for additional funding in the amount of \$126,470 from the Regional Water Management Fund ("RWMF") for the 2011 and 2012 Water Usage Review Program, and possible direction to staff, Lora Richards, TMWA.

Chairman Ball invited Lora Richards, TMWA, to present this item. Ms. Richards explained that she normally provides an update to the NNWPC in the spring; however, she did not provide an update in 2011. She stated that her request is for Commissioners to review the results from 2011 in consideration of reimbursing 2011, as well as to consider funding for 2012.

Ms. Richards stated that her report was included in the agenda packet and offered to provide a presentation if requested. Chairman Ball asked for a synopsis of the report highlights. Ms. Richards stated that the Water Usage Review Program has been very successful. She explained that the purpose of the program is for customers to schedule an audit of his/her system based on an unusually high water bill. TMWA checks the equipment and provides training and suggestions for decreasing water use.

Commissioner Buzzone asked if TMWA follows up (perhaps after a year) to review the results. Ms. Richards stated they do monitor customer bills in follow up as necessary. She added that TMWA also holds workshops to educate customers on water usage.

Commissioner Price made a motion to approve the request for funding for 2011 and 2012. Commissioner Buzzone seconded the motion. Commissioner Price asked why the water usage changed so much from one year to the next. Ms. Richards stated that previously the program focused on commercial only but residential was added, which resulted in the increase. Chairman Ball called for a vote on the motion, which carried unanimously.

6. Report on responses to the Request for Qualifications for a groundwater management study to identify strategies and potential funding mechanisms to address regional groundwater quality and quantity issues, including nitrate concentrations related to septic tanks; discussion and possible recommendation to the WRWC for funding in an amount not to exceed \$60,000 from the RWMF for the study, Chris Wessel, NNWPC Water Management Planner.

Chairman Ball invited Mr. Wessel to present an update. Mr. Wessel stated that this item is in follow up to a previous NNWPC agenda item when the discussion focused on a septic alternatives study. He reported that a request for qualifications (RFQ) was distributed and four firms responded. The firms included:

- AMEC/Lombardo
- Stantec
- Farr West Engineering
- Manhard Consulting

Mr. Wessel stated that a selection team reviewed the statements of qualification and selected AMEC/Lombardo as the most qualified team for the job. He stated that a meeting with the team is scheduled for the following morning to discuss the scope of work. He added that as discussed by the

NNWPC, it is recognized that \$20,000 would not be adequate for the first phase of the project and the requested deliverables. Staff believes that \$60,000 would be a more appropriate amount not to exceed.

Mr. Wessel reported that the Clean Water Act (CWA) 208 Water Quality Grant (\$40,000) is once again available and could be applied to this project. He clarified that staff is in the process of applying for the grant and it is unlikely that it would not be received.

Mr. Wessel requested that Commissioners recommend to the Western Regional Water Commission (WRWC) to increase the budget by \$40,000 (with the overall budget amount not to exceed \$60,000); proceed in negotiations with the top-ranked firm; and to apply the \$40,000 in grant funds if received toward the budget increase. He clarified that if the grant is not received, \$40,000 is available in the Regional Water Management Fund (RWMF) budget.

Chairman Ball asked what the timeline for completion is. Mr. Wessel stated that three to four months is anticipated based on the amount of funding available.

Commissioner DeMartini referred to Christian Kropf's 2007 report, which mentioned 44 parts per million (ppm) and asked if that refers to nitrate or nitrogen. Mr. Wessel stated that his understanding is that it refers to nitrogen. Commissioner DeMartini requested the opportunity to review the report. Mr. Wessel stated the report is available on the NNWPC website.

Chairman Ball asked about the anticipated start date. Mr. Wessel stated that if possible, he would like the project to begin by the end of the month if the WRWC approves the funding and contract at its February 10, 2012 meeting.

Chairman Ball asked about the timing of the 208 Grant and whether money would be used from the RWMF prior to receipt of the grant. Mr. Smitherman stated that he anticipates that funds would be received prior to the end of the project.

Commissioner Price asked about the timing of funding for the project for the remainder of the year. Mr. Wessel explained that the \$60,000 is for the *project*, not for this year or the next. He added that staff does anticipate increasing the budget item for similar projects for the next year's budget.

Chairman Ball asked if the report would be used as supporting documentation for planning, design and construction of wastewater collection systems in some of the problem areas. Mr. Wessel explained that the goal of the project is to identify practical means by which we might be able to move forward locally by finding other areas that have successfully accomplished a program to address the groundwater management issues.

Commissioner Flansberg asked for clarification that the recommended motion in the staff report was to request not to exceed \$60,000, \$20,000 of which is available currently. Mr. Wessel stated that is correct.

Commissioner Flansberg made a motion to recommend that the WRWC approve funding in an amount not to exceed \$60,000 from the RWMF for this study and that any offset in funding that may be received from the 208 Grant would be used for that purpose. Commissioner Shumaker seconded the motion, which carried unanimously.

7. Report on representation and structure of the NNWPC and the WRWC following the pending consolidation of Washoe County's Department of Water Resources and TMWA, and the possible dissolution of the South Truckee Meadows General Improvement District ("STMGID"), John Rhodes, NNWPC Legal Counsel.

Chairman Ball invited Mr. Rhodes to speak on this item. Mr. Rhodes stated that this item was scheduled in response to a request from Commissioner Price at the last meeting, to review the make up of the NNWPC and WRWC based on the pending consolidation of DWR and TWMA, as well as the possible dissolution of STMGID. Mr. Rhodes reported that he reviewed the language related to representation on both boards. He read from the WRWC Act regarding membership and providing that the Board of Trustees shall include "One member designated by the Board of Trustees of the STMGID or its successor..."

Mr. Rhodes clarified that his understanding of the current proposal is that STMGID and DWR would merge, as opposed to dissolution of STMGID. He stated that a likely interpretation from the Act would be that a representative of the successor entity would be entitled to a seat on the WRWC Board. The successor entity would initially be Washoe County, and eventually would be TMWA (if the TMWA/DWR consolidation occurs). He offered to keep an eye on the situation and report back as appropriate.

Mr. Rhodes next referred to membership of the NNWPC, which is also found in the WRWC Act. He read a provision of the Act requiring that this Commission must have as a voting member: "The Director of Water Resources for Washoe County, or his designee." He explained that if DWR is consolidated into TMWA, Washoe County would still be a reclaimed water and sanitary sewer provider so that position would remain unchanged. He added that he is aware of other changes occurring between other County departments; however, the position in issue would be filled by the Director responsible for reclaimed water/sanitary sewer, or his designee.

Mr. Rhodes referred to the membership of STMGID or its successor on the NNWPC and stated that based on his initial read, if STMGID merged into DWR, the County would have an additional seat on the NNWPC. If the County is then consolidated into TMWA, TMWA would have an additional seat.

Mr. Rhodes summarized that he is not prepared to issue a formal legal opinion on these matters, at this time; however, these were the initial potential outcomes he recognized. He added that he is sure that legal counsel for all the entities involved will follow the negotiation process and make final determinations. He clarified that he had not received any direction from the WRWC related to changing the legislation in the upcoming session.

Mr. Rhodes reiterated that he would provide the NNWPC with any updates.

8. Update on the Truckee Meadows Regional Planning Agency (TMRPA)'s Parcel-based Population and Employment Modeling Program, and possible direction to staff, Jim Smitherman, NNWPC Water Resources Program Manager.

Chairman Ball invited Mr. Smitherman to provide a report on TMRPA's current status. Mr. Smitherman stated that since his last update to the NNWPC, he completed a compilation of a Geographic Information System (GIS) layers that incorporate sewer interceptors and trunk main interceptors in sub-areas within the system of each of the service providers. He stated that currently he and TMRPA staff are working with engineers from each of the service providers to rank their capacity in the delineated sub-areas. The goal is to get an overall look at the ability for each of the sub-areas to absorb development, should the model predict development in the next twenty or so years. He offered to provide the visual information when it is completed.

Mr. Smitherman stated that staff is also working to include the wastewater treatment plant capacity for effluent reuse or disposal into the GIS layer. He added that later in the month, he would be working with water service providers to determine areas of possible growth that might or might not have existing

infrastructure. Also included in the GIS layer will be available water resources to serve growth. Mr. Smitherman explained that the GIS layers should be available for presentation by the end of March.

Mr. Smitherman referred to a map that was included in the staff report. He explained that the map is from one of the first model runs of undeveloped parcels that the model is predicting for development for two timeframes (now to 2020 and 2020 to 2035). He reported that the map was presented to the Regional Planning Governing Board (RPGB) and the Regional Transportation Commission (RTC) Board in December. He added that the RPGB directed staff to provide the information to RTC staff, which is using the information to develop and calibrate their regional transportation model to include in the update to the Regional Transportation Plan.

Mr. Smitherman stated that as information is available from TMRPA, it will be provided to the RTC, as will the consensus forecast (a draft of which is expected later this month). He summarized that the RPGB and RTC would hold a joint meeting in June to review the development suitability information.

Chairman Ball asked if the NNWPC would be included in the summary information. Mr. Smitherman stated that he would provide the water and wastewater information to the NNWPC. He added that he would request TMRPA staff to present an update.

Mr. Smitherman stated that he believes his involvement in the project has been very worthwhile. He briefly explained some of the tasks required in developing the model.

9. 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 Barry Winzeler had no report on the TWMA SAC for this meeting. Mr. Smitherman added, however, that he was invited to provide an update to the SAC on activities of the NNWPC.

Chairman Ball asked if there were any "hiccups" in any of the projects or work plan. Mr. Smitherman stated that everything is proceeding smoothly.

10. Discussion regarding agenda items for the March 7, 2012, NNWPC meeting, and other future meetings, and possible direction to staff, Jim Smitherman.

Mr. Smitherman reported that the March NNWPC meeting would again be held at Reno City Council Chambers. He stated that items for the March NNWPC meeting include:

- Report on status of Nevada Division of Environmental Protection (NDEP)'s review of the Truckee River water quality nutrient standards
- Discussion of the process to review the Washoe County Consensus Forecast
 - Complete an analysis of water demands to sustainable water resources – to be done every two years in conjunction with the Consensus Forecast
- Discussion of updating the 208 Water Quality Plan, which was last updated in 2007
- Progress report on TMRPA's population / employment modeling
- Review of the draft RWMF budget – Public Hearing on the budget is required in May
- In a couple of months, NNWPC officers need to be re-elected
- Program Manager's Report

Chairman Ball asked when the next update is due for the Regional Water Management Plan. Mr. Smitherman stated it is due in 2016.

Chairman Ball requested continuing updates from the Truckee River Flood Management Authority. Mr. Smitherman suggested reading the minutes from the last meeting when Danielle Henderson provided an update.

11. Commission Comments.

None

12. Staff Comments.

None

13. Public Comments.

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

14. Adjournment.

With no further business, the meeting was adjourned at 2:27 p.m.

Respectfully submitted by,

Niki Linn, Recording Secretary

Approved by Commission in session on _____ 2012.

George W. Ball, Jr., Chairman

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 29, 2012

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: 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

SUMMARY

In 2010, during the development of the 2011-2030 Comprehensive Regional Water Management Plan (“RWMP”) the Northern Nevada Water Planning Commission (“NNWPC”) approved an analysis as to whether the 2030 population projection contained in the 2010 Washoe County Consensus Population Forecast (“Consensus Forecast”) can be supported by the sustainable water resources identified in the RWMP. The Truckee Meadows Regional Plan (“Regional Plan”) provides for a biennial Consensus Forecast, and a comparison between the draft Consensus Forecast and the estimated population that can be supported by the sustainable water resources as identified in RWMP. In addition, the Regional Planning Governing Board (“RPGB”) identified the NNWPC and the WRWC as the entities to perform the comparison in April of even-numbered years, and report the results of the comparison by the following May 1.

The 2010 analysis projected a water demand of approximately 142,000 af to support a population of approximately 590,500 as projected for the year 2030 by the draft 2010 Consensus Forecast. The estimated sustainable water resources of approximately 183,200 af per year as shown in the RWMP are more than adequate to serve the projected population for 2030, and on April 9, 2010, the Western Regional Water Commission (“WRWC”) adopted a finding to that effect.

To accomplish the comparison this year, staff proposes to meet with TMWA staff and:

- review the draft 2012 Consensus Forecast,
- review TMWA’s 2010 water demand model results,
- review current water demand and production data, and
- develop a comparison report for NNWPC consideration at the April 2012 meeting and possible recommendation to the WRWC.

BACKGROUND

In November 2008, Washoe County voters’ asserted concerns that the Regional Plan did not contain policies requiring that local government land use plans be based upon, and in balance with, identified and sustainable water resources available within Washoe County. In response, the Washoe County Board of Commissioners (“BCC”) in October 2009, proposed certain amendments to the Regional Plan, which were adopted by the RPGB in January 2010.

The amendments provide for a comparison between the Consensus Forecast and the estimated population that can be supported by the sustainable water resources as identified in the RWMP. The BCC further proposed, and the RPBG adopted, amendments to the RPBG's Regulations on Procedure to designate the NNWPC and the WRWC as the entities to perform a comparison prior to adoption of the Consensus Forecast by the Regional Planning Commission ("RPC"), with the WRWC to make a finding as to whether the Consensus Forecast can be supported by identified sustainable water resources.

According to the amended RPBG Regulations on Procedure, if the draft Consensus Forecast projects an estimated population that can be supported by the sustainable water resources, the Consensus Forecast is finalized and presented to the RPC for adoption. If the Consensus Forecast is found to be greater than the estimated population that can be supported by the sustainable water resources, the RPC may decide to either adopt a modified Consensus Forecast so as not to exceed the sustainable water resources, or to not adopt the Consensus Forecast and possibly take other action, such as initiating amendments to the Regional Plan to change the development form and pattern. Upon finding that the draft Consensus Forecast is greater than the estimated population that can be supported by the sustainable water resources, the WRWC may investigate new or alternative water sources, and/or water demand management strategies that may provide for an increase to its population estimate. Once adopted, the Consensus Forecast is incorporated into the Regional Plan and all local government land use plans must conform to the provisions of the Regional Plan.

In February 2010, the Washoe County Department of Community Development provided the draft 2010 Consensus Forecast to the NNWPC. The population was compiled using data from Truckee Meadows Water Authority ("TMWA"), Global Insight, Woods and Poole, and the State Demographer. The draft Consensus Forecast population for 2030 was approximately 590,500.

The RWMP, specifically the Water Resources Baseline Table, provides long-range planning-level estimates for sustainable water resources using the best available information. The table identifies selected hydrographic basins within the region and quantifies surface water and groundwater in two ways. Appropriations (water rights), including decreed rights and rights permitted or certificated by the State Engineer for municipal and industrial ("M&I") use and those that may be converted to M&I use, are quantified separately from those that cannot be converted to M&I use.

The Water Resources Baseline Table shows that TMWA has over 142,900 af of decreed, groundwater, storage, and irrigation rights, acknowledges TROA's effect on the availability and sustainability of Truckee River water, and also shows the quantity of groundwater in certain basins consistent with the State Engineer's estimates of perennial yield.

In 2010, TMWA used a three-step process to produce a long-range water demand projection for all of Washoe County. The first step was to develop a population projection model based on fitting a logistic curve model to past population, and then create a projection of that population to the year 2050. The second step was to develop a countywide inventory of buildings, and then create a projection of new residential dwelling units and commercial buildings as a function of population. The third step was to estimate water demand as a function of building inventories and historic water use coefficients.

The results of steps one and two show that the models fit the historic data well and that the projected values follow a reasonable trend. The projected trend for persons per dwelling unit and persons per developed acre show that the projection will meet the land and building needs of the projected population. TMWA's methodology is published in its 2030 Water Resource Plan.

TMWA assisted the NNWPC and the WRWC by re-running its model using the 2010 draft Consensus Forecast population and producing a building inventory and water demand projection. The building inventory and water demand projection estimates the increase in both single family and multi family dwelling units, including residential units served by domestic wells, and commercial buildings. Metered irrigation usage is also projected.

The model projected a water demand of approximately 142,000 af to support a population of approximately 590,500 as projected for the year 2030 by the draft 2010 Consensus Forecast. Therefore, the estimated sustainable water resources of approximately 183,200 af per year as shown in the Water Resources Baseline Table are more than adequate to serve the draft 2010 Consensus Forecast population for 2030 and on April 9, 2010, the WRWC approved a finding to that effect.

The model was also used to project beyond the 2030 population estimate using the same planning assumptions to estimate the maximum population that could be supported by the sustainable water resources. That exercise calculated a population of approximately 741,000. It is imperative to understand that this population calculation is the result of a mathematical model and has no basis in, or correlation to, the Consensus Forecast or any other population forecast.

RECOMMENDATION

Staff recommends that the NNWPC direct staff to meet with TMWA staff and review the draft 2012 Consensus Forecast, review TMWA's 2010 water demand estimates, review current water demand and production data, and develop a comparison report for the NNWPC's consideration at its April 2012 meeting and possible recommendation to the WRWC; or provide alternative direction as appropriate.

JS:jd

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 29, 2012

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: Discussion of the process to update the Clean Water Act Section 208 Water Quality Management Plan, and possible direction to staff

SUMMARY

The Washoe County 208 Water Quality Management Plan (“208 Plan”), Section 2.6.3, states: “[t]o address the changing needs of Washoe County it is recommended that the 208 Plan be reviewed every five years and updated and amended as needed. Amendments on a five-year basis will help to ensure that discharge permit revisions and applications are consistent with the 208 Plan, and that changing environmental conditions can be integrated in a timely manner.”

In 2007, the Truckee Meadows Regional Planning Agency (“TMRPA”), the 208 Planning Agency at that time, convened a technical steering committee to review the existing (1994) 208 Plan and guide a consulting team in developing an update. The steering committee consisted of staff from, Reno, Sparks, Washoe County, the Truckee Meadows Water Authority, the Regional Water Planning Commission, the Nevada Division of Environmental Protection (“NDEP”) and TMRPA. The consulting team produced a thorough re-write of the 208 Plan, which was approved by NDEP and the U.S. EPA in October 2007.

Significant developments in the region since October 2007 strongly suggest that an update to the 208 Plan would be timely. The following occurrences directly affect the contents of the 208 Plan:

- TROA was signed in 2008
- The WRWC was designated as the 208 Planning Agency in 2009
- The Coordinated Monitoring Program MOU was executed in 2009
- Consensus Forecast 20-year population projections have decreased significantly
- The Truckee Meadows Service Area boundary for future municipal water and sewer service has changed
- The 2011-2030 Comprehensive Regional Water Management Plan was adopted in 2011, including the water balance model and the Consensus Forecast-sustainable water resources comparison
- The Storm Water Management Plan was completed in 2011
- NDEP initiated a review of the Truckee River nutrient water quality standards in 2011.

BACKGROUND

Regional water quality planning in the United States began with enactment of the Federal

Clean Water Act in 1972. Section 208 of the Act defines the schedule and scope of area-wide waste treatment management plans.

208 Plans are the result of an ongoing area-wide planning process. There are no specific update requirements; however, Section 130.6 Part 130 40 CFR Chapter 1 states: “area-wide water quality management plans shall be updated as needed to reflect changing water quality conditions, results of implementation actions, new requirements or to remove conditions in prior conditional or partial plan approvals.” NRS 244A.571 also states the specific required elements of a water quality management plan. Conformance with the current approved area-wide 208 Plan is necessary for NDEP to issue National Pollutant Discharge Elimination System (“NPDES”) permits. The following are conditions that can trigger a 208 Plan revision:

- NPDES discharge permit is sought for a facility not included in the current certified 208 Plan
- NPDES discharge permit is sought for an existing facility at a capacity not included in the current certified 208 Plan
- NPDES discharge permit is sought for a use or function not in conformance with the current certified 208 Plan.
- EPA funding is sought for a facility not included the current certified 208 Plan.

RECOMMENDATION

Staff recommends that local government representatives be contacted regarding their interest in reviewing and updating the 208 Plan. If there is sufficient interest, staff will consult with appropriate local government representatives and lead the review and update process, with the intent of producing a 208 Plan amendment by the end of the year. Should staff determine that the update and amendment may require outside services, any such proposal will be presented to the NNWPC as a future agenda item.

JS:jd

NORTHERN NEVADA WATER PLANNING COMMISSION

STAFF REPORT

DATE: March 2, 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 1, 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	94,427	76%	7/31/12	Work is in progress Amended to 7/31/12
2	Amendment to TMDL Legal Services	Somach Simmons & Dunn	50,000	49,125	2%	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	1,541	69%	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 completed for FY 2011
8	Regional Data Development	Truckee Meadows Regional Planning Agency	486,000	386,987	20%	6/30/13	Work is in progress
9	Envision Video Televising WRWC FY 2011-12	Envision Video	2,300	575	75%	6/30/12	Work in progress
10	TRIG Website Support	City of Reno	7,500	7,500	0%	6/30/12	ILA in approval process
11	Septic Alternatives Analysis	Lombardo	60,000	60,000	0%		Agreement in approval process
12	Certified Landscape Technician Program 2012-13	Nevada Landscape Association (NLA)	25,000	25,000	0%	12/31/13	ILA in approval process
13	Cloud Seeding Program Winter 2011	(DRI) Desert Research Institute	100,000	100,000	0%	12/31/12	Awaiting issuance of PO
14	2011-2012 TMWA Water Usage Review Program	TMWA	126,470	126,470	0%	12/30/13	Awaiting issuance of PO
15	Audit of 2011-12 Fiscal Year	Schettler, Macy & Silva	8,300	8,300	0%	12/30/12	Awaiting issuance of PO

Financial Report on the Regional Water Management Fund

3-07-12: NNWPC Agenda Item 8b

Run Date: 01-24-12
 Fund 766
 Report: 400/ ZF15
 Period 1 thru 8 - 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-	46,712.62-		46,712.62-	15,332.62	49		15,332.62	49
482100 RGL Pooled Inv.		7,057.08-		7,057.08-	7,057.08			7,057.08	
482200 URGL Pooled Inv.		36,221.49-		36,221.49-	36,221.49			36,221.49	
491060 Water Surcharge 1.5%	1,284,980.00-	1,071,264.40-		1,071,264.40-	213,715.60-	17-		213,715.60-	17-
** REVENUE	1,316,360.00-	1,161,255.59-		1,161,255.59-	155,104.41-	12-		155,104.41-	12-
710100 Professional Services	1,384,500.00	501,610.90	564,323.32	1,065,934.22	318,565.78	23		318,565.78	23
710110 Contracted/Temp Svcs	334,532.00	149,685.51		149,685.51	184,846.49	55		184,846.49	55
710120 Legal Fees	144,000.00	78,960.00	59,760.00	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		1,814.17		1,814.17	1,814.17-			1,814.17-	
710155 Lobbying Services	600.00				600.00	100		600.00	100
710200 Service Contract	50,000.00	4,597.50	16,648.50	21,246.00	28,754.00	58		28,754.00	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
** EXPENDITURES	3,669,032.00	749,271.93	640,731.82	1,390,003.75	2,279,028.25	62		2,279,028.25	62
*** Total	2,352,672.00	411,983.66-	640,731.82	228,748.16	2,123,923.84	90-		2,123,923.84	90-