

NORTHERN NEVADA WATER PLANNING COMMISSION AGENDA

Wednesday, August 7, 2013

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 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 June 5, 2013, meeting. **(For Possible Action)**
5. Review and possible approval of an amendment to the Northern Nevada Water Planning Commission ("NNWPC") Administrative Policies and Procedures, to provide for selection of a new Chairman following a resignation; and if approved, election of a new Chairman, and Vice-Chairman if necessary, and possible direction to staff – John Rhodes, NNWPC Legal Counsel. **(For Possible Action)**
6. Report on the Truckee River nutrient Water Quality Standards third party review and related water quality modeling provided by LimnoTech, Inc. - Terri Svetich, Engineering Manager, City of Reno. *

7. Review and discussion of recent reports and ongoing studies on climate change and its possible effects on water supply and demand in the Northern Nevada Water Planning Region, and possible direction to staff - Jim Smitherman, NNWPC Water Resources Program Manager. **(For Possible Action)**
8. Discussion and possible recommendation to the Western Regional Water Commission ("WRWC") for approval of a proposal for Phase II: *In-depth Analysis of Prioritized Study Areas, Creation of Baseline Data Set, and Risk Assessment*, to continue the Septic Nitrate Study for Washoe County, and possible direction to staff – Chris Wessel, NNWPC Water Management Planner **(For Possible Action)**
9. Report on the South Truckee Meadows General Improvement District ("STMGID"), issues arising from the pending consolidation of Washoe County's water utility with the Truckee Meadows Water Authority ("TMWA"), and possible consolidation of STMGID with TMWA - Jerry Schumacher, STMGID *
10. Review of actions taken by the 2013 Nevada Legislature that may affect or are of interest to the WRWC/NNWPC – John Rhodes *
11. Report on the Truckee Meadows Regional Planning Agency ("TMRPA") parcel-based population and employment modeling project; and possible direction to staff – Jim Smitherman. **(For Possible Action)**
12. 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 TMWA Standing Advisory Committee ("TMWA SAC")
13. Discussion regarding possible agenda items for the September 4, 2013, NNWPC meeting, and other future meetings, and possible direction to staff – Jim Smitherman. **(For Possible Action)**
14. Commission comments. *
15. Staff comments. *
16. Public Comments. * (Three-minute time limit per person.)
17. Adjournment.

*Indicates a non-action item

**NORTHERN NEVADA WATER PLANNING COMMISSION
MINUTES**

Wednesday, June 5, 2013

The regular meeting of the Northern Nevada Water Planning Commission (“NNWPC”) was held on Wednesday, June 5, 2013 in the Washoe County Commissioner Chambers, 1001 East Ninth Street, Reno, Nevada.

- 1. Roll Call and determination of presence of a quorum** – Chairman Buzzone called the meeting to order at 1:30 p.m. There was a quorum present.

Voting Members Present:

John Buzzone, Chairman
Michael Drinkwater, Vice Chairman
George W. Ball, Jr.
Michael DeMartini
John Erwin
John Flansberg (arrived at 1:39 p.m.)
Mickey Hazelwood
Neil Krutz
Darrin Price

Voting Members Absent:

John Jackson
Jerry Schumacher

Non-Voting Members Present:

David Boland
My-Linh Nguyen

Non-Voting Members Absent:

John Bird
Harry Fahnestock
Kelvin Hickenbottom
Edmund Quaglieri

Staff Members Present:

Jim Smitherman
Chris Wessel
June Davis
John Rhodes, Legal Counsel

2. Public Comments.

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

3. Approval of the agenda.

Commissioner Krutz made a motion to approve the June 5, 2013 meeting agenda as posted. Commissioner Drinkwater seconded the motion, which carried unanimously.

4. Approval of minutes from the April 3, 2013 meeting.

Commissioner Ball made a motion to approve the minutes as submitted. Chairman Buzzone seconded the motion, which carried unanimously.

5. Report on the Lahontan Reservoir Water Quality Standards review – Randy Pahl, Nevada Division of Environmental Protection (NDEP), Bureau of Water Quality Planning.

Mr. Pahl reported that the NDEP Bureau of Water Quality Planning is responsible for setting water quality standards and develops total maximum daily loads (TMDLs) within the state. He provided a PowerPoint presentation (copy on file), which highlighted the following:

- NDEP is examining the water quality standards for the reach from Highway 95-A (south of Silver Springs) to the Lahontan Dam.
- The Water Quality Standards (WQS) are required by federal (Clean Water Act) and state law.
- The beneficial uses are defined as irrigation, livestock watering, aquatic life, drinking water, etc. The WQS numeric criteria are set based on protection of the beneficial use.
- The WQS are measured in order to protect streams and waterways and are used by the Bureau of Water Pollution Control in establishing discharge permit limits.
- The WQS are used in the voluntary non-point source program as a goal.
- The Clean Water Act clearly stated that NDEP's WQS cannot be used to override water quantity allocations and management.
- Lahontan's WQS had not been examined since 1984. Since that time, Truckee Meadows Water Reclamation Facility ("TMWRF") has had many improvements, as has the Carson River watershed and wastewater management. The loads to Lahontan Reservoir via the Truckee Canal and Carson River have been reduced by about half.
- NDEP has been working with the Cities, TMWRF, Washoe County and TMWA on reviewing the Total Maximum Daily Load ("TMDL"), which establishes the nutrient load allocations. There is a lot of interest in revising the TMDL, which has been very challenging; however, progress is being made. The process identified the need to ensure that the Standards are correct. NDEP is examining the WQS for the Truckee River, Lahontan Reservoir and Pyramid Lake.
- The beneficial uses are based on factors such as existing uses, public concerns and, desired potential uses. Aquatic life, recreation and drinking water uses are the most restrictive and therefore, drive the criteria.
- Currently, Lahontan Reservoir is not meeting the standards for total suspended solids, turbidity and total phosphorus.
- When the Lahontan Reservoir TMDLs were set, they were set based on streams; NDEP will most likely examine the lake stratification in relation to the TMDLs at Lahontan.

Mr. Pahl summarized that the next steps are to finish sampling, develop a rationale document this fall (a petition that goes to the State Environmental Commission ["SEC"]), and continue to hold meetings with the focus group. He stated that his hope is to go to the SEC in early 2014 for approval; then to the State Legislative Committee and Attorney General for certification and the Environmental Protection Agency's ("EPA") approval. He added that there are many opportunities to comment, including at this meeting. Future workshops will be held. He offered to make presentations to any groups as requested. Mr. Pahl invited questions or comments.

Chairman Buzzone asked what the timeframe is for development of the rationale document. Mr. Pahl stated he hopes to have it completed by January or sooner if possible.

Commissioner Erwin asked about the primary source of the phosphorus. Mr. Pahl stated that surrounding soils might be responsible for 15 to 20 percent. He stated that they are not sampling the lakebed. Commissioner Erwin asked if the Truckee Canal has been sampled. Mr. Pahl stated that sampling has been discussed with Desert Research Institute ("DRI"); however, it has not been implemented.

Commissioner Ball referred to the existing standards for the Carson River for dissolved oxygen and asked if regulators have trend information available on the lower Carson River over time versus temperature. Mr. Pahl stated he has not seen that information.

Chairman Buzzone thanked Mr. Pahl for his presentation.

6. Report on the Truckee Meadows Water Reclamation Facility (“TMWRF”) pump-around and force main repair – Robert Lee, Senior Civil Engineer, City of Reno.

Mr. Smitherman referred to the staff report that was included in the packet and stated there was some incorrect information so it was replaced by a revised report.

Robert Lee stated that he has the responsibility of the capital improvement program (“CIP”) for TMWRF. He provided a PowerPoint presentation on the headworks by-pass emergency for which repairs are presently in progress (copy of presentation on file). Highlights of the presentation included:

- A map of the TMWRF facility headworks, which showed two major interceptors that flow into the headworks facility, 4 raw sewage pumps that pump to grit removal and other structures
- In 2012, TMWRF plant staff and Mr. Lee began a risk assessment of the assets at the plant to serve as a basis for planning and prioritizing CIP projects. Thirty-six projects were identified that require improvement. The headworks facility was ranked number three on the list. Work had begun on the first two items and Stantec was contracted to assess the headworks improvement needs.
- In January 2012, a discharge header began leaking, almost simultaneously with a leak in a second discharge header. There was no way to isolate the lines so an emergency was declared. A pump-around of the headworks facility was implemented.
- The scope of work for the emergency included:
 - Replacement or repair of several gates
 - Repair / replacement of eroded concrete – sewage discharge piping was replaced
 - Termination of the pump-around is tentatively scheduled for early July

Mr. Lee invited questions or comments. Commissioner Price asked if any capacities were gained in the improvements. Mr. Lee stated no because the gates and openings were sized for the existing facility. He added that the goal in the emergency work was to be able to segregate flows in the headworks. Commissioner Price asked if Mr. Lee is confident that the capacity is still 46.5 million gallons per day (“MGD”). Mr. Lee explained that the 46.5 MGD is based on the ability to treat to certain discharge standards; however, the headworks facility is not connected to the quality of treatment. The headworks facility is based on the hydraulics to handle the flows; nothing was changed in the emergency work.

Commissioner Drinkwater, TMWRF Plant Manager, referred to the capacity question and stated that the existing manifold with four raw sewage pumps was increased in size. Commissioner Price stated that he understands that some of the new materials used increase the flow; however, the limiting portion is the permit. He stated that he was questioning some of the new design efficiencies.

Mr. Lee stated there are new hydraulic efficiencies in the newly installed components; however, the focus was on the emergency aspect (not capacity increases).

Commissioner Drinkwater added that there was no set of design specifications for the emergency; work was performed “on the fly”. He commended the Cities, plant staff, contractors, consultants and all involved for a job well done. He added that staff is confident that the scheduled deadline of July 3 to terminate the pump-around will be met.

Commissioner DeMartini asked about the cause of the leaks. Mr. Lee stated that it potentially was due to cavitation of a fitting and the pipe had corroded due to old age.

Mr. Lee stated that the cost of the emergency is approximately \$2.7 million for the piping and work in headworks, and approximately \$300,000 in consulting costs. The cost of the pump-around will be substantial (approximately \$1.5 to \$2 million for TMWRF perhaps) but was a necessary portion of the SouthEast Connector project so some funding will be provided by the Regional Transportation Commission ("RTC").

7. Review and possible approval of the Western Regional Water Commission ("WRWC") Routine Operating Budget for non-staff services for Fiscal Year (FY) 2013-2014, and possible direction to staff - Jim Smitherman, NNWPC Water Resources Program Manager. (for possible action)

Mr. Smitherman reported that this procedure is relatively routine to ensure that staff remains in compliance with the WRWC's Resolution Number 3, which authorizes him to approve in-budget expenditures not to exceed \$25,000 upon recommendation by the NNWPC, including the authority to authorize routine operational expenditures. He added that this budget was recently presented to and approved by the NNWPC as part of the WRWC Budget, which the WRWC approved.

Mr. Smitherman summarized that the Routine Operating Budget was \$103,000 for the last fiscal year. Contracts under this budget include preparation of minutes, servicing the website, video coverage of meetings, etc.

Commissioner Erwin made a motion to accept staff's recommendation. Chairman Buzzone seconded the motion, which carried unanimously.

Commissioner Price referred to the amount of almost \$490,000. Mr. Smitherman stated that the amount covers staff services, which were already approved under contract.

8. Report on the South Truckee Meadows General Improvement District ("STMGID"), issues arising from the pending consolidation of Washoe County's Water Utility with the Truckee Meadows Water Authority ("TMWA"), and possible consolidation of STMGID with TMWA, Jerry Schumacher, STMGID

Commissioner Schumacher, STMGID Board of Trustees, was not present so this item was postponed to the next meeting.

9. Report on legislative activities, including Bills pending in the 2013 session of the Nevada Legislature that may affect or are of interest to the WRWC / NNWPC, John Rhodes, NNWPC Legal Counsel.

John Rhodes, Legal Counsel, referred to the staff report included in the packet, which he added decreased in size based on Bills that died. He reported that the Legislative Committee to Oversee the Western Regional Water Commission will expire on July 1, 2013. He stated that an Open Meeting Bill was approved, and a Public Records Bill which will require that requests for public records must be honored within five days, even when made orally. He added that other Open Meeting Law requirements will be reviewed and implemented by staff.

Mr. Rhodes offered to provide a final legislative update report at the next NNWPC meeting. He invited questions or comments.

10. Report on the Truckee Meadows Regional Planning Agency ("TMRPA") parcel-based population and employment modeling project and revised scope of work; and possible direction to staff, Jim Smitherman, NNWPC Water Resources Program Manager. (for possible action)

Mr. Smitherman reported that TMRPA has been engaged in the ongoing Industrial Lands Needs Analysis. He stated that the prior day, the TMRPA held a workshop on the subject, which was attended by approximately twenty-five local government planners and private sector representatives. Most of the work on the supply side, including data for surrounding counties, has been completed.

Mr. Smitherman reported that the consultant will develop the demand analysis in June and July and expects to have a draft report for review by the Regional Planning Governing Board in August. He offered to invite TMRPA staff to present the report to the NNWPC as well.

Commissioner Price asked if any of the entities that would benefit from the scope expansion would participate in the cost. Mr. Smitherman stated he had not heard anything about the other counties providing funding; however, they have provided geographic information system (GIS) data as in-kind contributions.

Commissioner Price asked for clarification that the TMRPA model now includes other counties. Mr. Smitherman explained that the industrial land needs analysis does include lands in other counties because a new business would not be limited to Washoe County. He added that the analysis includes the Tahoe Regional Industrial Complex. Commissioner Price asked if inclusion of water and other layers would be expanded to the other counties. Mr. Smitherman stated he does not believe that is planned. He clarified that comments at an earlier workshop included expanding the industrial needs analysis to other counties based on size and availability.

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")**

Mr. Smitherman reported that the items included under this item are provided as informational items. He invited any questions or comments, of which there were none.

12. Discussion regarding possible agenda items for the July 3, 2013 NNWPC meeting, and other future meetings, and possible direction to staff, Jim Smitherman.

Mr. Smitherman reported that the next regularly scheduled meeting would fall on July 3. Commissioner Erwin made a motion to cancel the July meeting. Chairman Buzzone seconded the motion, which carried unanimously.

Mr. Smitherman stated that there are upcoming agenda items for the August meeting, which include:

- NDEP Stormwater Program Audit
- Update on the TMDL project
- TMRPA staff to provide an update on the population and employment modeling project, including the Industrial Lands Needs Analysis
- Update on monitoring of domestic wells
- Climate change – environmental impacts to the water supply
- Standing Items
 - Legislative Update
 - Program Manager's Report
 - Status update on possible TMWA - STMGID merger

13. Commission Comments.

None

14. Staff Comments.

None

15. Public Comments.

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

16. Adjournment.

With no further business, the meeting was adjourned at 2:40 p.m.

Respectfully submitted by,

Niki Linn, Recording Secretary

Approved by Commission in session on _____ 2013.

John Buzzone, Chairman

DRAFT

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: August 1, 2013

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: John Rhodes, Legal Counsel
Jim Smitherman, Water Resources Program Manager

SUBJECT: Review and possible approval of an amendment to the Northern Nevada Water Planning Commission ("NNWPC") Administrative Policies and Procedures, to provide for selection of a new Chairman following a resignation; and if approved, selection of a new Chairman, and Vice-Chairman if necessary, and possible direction to staff.

SUMMARY

John Buzzone has resigned from his employment with Washoe County, and is therefore no longer eligible to serve as Chairman of the NNWPC. The NNWPC Administrative Policies and Procedures adopted May 5, 2010 (the "Policies and Procedures"), do not provide for the orderly succession of the Chairmanship in the event of such a resignation or in other circumstances where the Chairman becomes unable to so act. The applicable statute requires the Chairman to be selected, in rotation, from among the NNWPC members.

Accordingly, legal counsel and staff are recommending that Section V of the Policies and Procedures be amended to provide as follows:

(Proposed new language is underlined)

"SECTION V – SELECTION OF CHAIRMAN AND VICE-CHAIRMAN

The Commission shall select a Chairman for a term of one year, in rotation, from among the voting Members, and a Vice-Chairman, annually at the first meeting of the second quarter (in April) until such time that a change in that schedule is desired or required as provided below. Any voting member of the Commission may serve as Chairman or Vice-Chairman. [Act, 39]

In the event the Chairman resigns his position, or is otherwise unable to act as Chairman, the Commission shall select a new Chairman, and Vice-Chairman if necessary, for a term of one year from the date of selection. [Added by amendment on 8-7-13]"

PREVIOUS ACTION

One year terms from April through 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
- 2012 Member: Public at Large, Chairman -- Mickey Hazelwood
Vice-Chairman -- John Buzzone
- 2013 Member: Director of Water Resources for Washoe County's designee,
Chairman -- John Buzzone (served from April through July)
Vice-Chairman -- Michael Drinkwater

ELIGIBLE FOR APPOINTMENT AS CHAIRMAN

Director of Public Works for Reno, or his designee
Director of Water Resources for Washoe County, or his designee
Member of the South Truckee Meadows G.I.D., or its successor
General Manager of the Truckee Meadows Wastewater Reclamation Facility, or his designee
Member appointed by the Pyramid Lake Paiute Tribe
Member representing owners of domestic wells

FISCAL IMPACT

None

RECOMMENDATION

Staff recommends approval of the proposed amendment to the Policies and Procedures; and if approved, select a new Chairman, and Vice-Chairman if necessary, for a one year term through July 2014.

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: July 31, 2013

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: E. Terri Svetich, P.E., Engineering Manager, City of Reno

SUBJECT: Report on the Truckee River nutrient Water Quality Standards third party review and related water quality modeling provided by LimnoTech, Inc.

SUMMARY

The Cities of Reno and Sparks, Washoe County and the Truckee Meadows Water Authority (“TMWA”) have been working collaboratively with Nevada Division of Environmental Protection (“NDEP”) and the United States Environmental Protection Agency (“USEPA”) to review the nutrient water quality standards and Total Maximum Daily Loads (“TMDL”) on the Truckee River. This presentation will provide a progress update of this multi-year effort.

BACKGROUND

The Clean Water Act sets forth regulatory requirements for waterways that have impairments that do not support designated beneficial uses due to loading from one or more pollutants (e.g., nutrients, temperature, and 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 nutrient water quality standards and TMDL to make a stronger scientific linkage between the TMDL and water quality standards. The outcome of the TMDL review process has implications for regulating, permitting and monitoring the discharges to the Truckee River.

DISCUSSION

Last year, NDEP and USEPA concluded a review of the Lahontan reservoir water quality standards must be initiated in advance of the Truckee River water quality standards. Therefore, we have had some time to prepare for a water quality standards (“WQS”) review on the Truckee River.

The consulting firm, LimnoTech has developed modeling for the Truckee River that has been calibrated and verified. The model provides a comprehensive look at the complex relationships between nutrients, river conditions and water quality standards.

There are two water quality models being used for the review process; the first is one that simulates nutrient loading inputs from the watershed given various conditions (“WARMF”).

The second is a model that looks at the relationships between nutrient inputs, river conditions, and water quality standards (“TRHSPF”). These water quality models for the Truckee River have been calibrated and verified and are being used for the water quality standards review process. The models have been updated to 2011 and the Updated Calibration report is currently out for review and comment. This report, as well as the 2008 Calibration Report, is available on the Truckee River Information Gateway (www.truckeeriverinfo.org). LimnoTech has the technical expertise to update these models and run various scenarios as well as knowledge of regulatory considerations and stakeholder communications for water quality standards and TMDLs. While these are not proprietary models, local staffs do not have the time or technical expertise to provide the level of service being received from LimnoTech. The outcome of the water quality standards review process has implications for regulating, permitting and monitoring the discharges to the Truckee River.

RECOMMENDATION

Staff recommends the commission accept the update regarding the Water Quality Standards Review.

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: July 29, 2013

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: Review and discussion of recent reports and ongoing studies on climate change and its possible effects on water supply and demand in the Northern Nevada Water Planning Region, and possible direction to staff.

SUMMARY

As a first step to opening discussion among the NNWPC concerning its involvement in studying climate change, staff has compiled brief descriptions of the following four recently completed reports and ongoing studies.

Recent Reports:

In 2009, the Truckee Meadows Water Authority (“TMWA”) prepared a report on climate change studies which is attached as Appendix B to the *Truckee Meadows Water Authority 2010-2030 Water Resource Plan*. The appendix contains three reports:

Potential Climate Change and Impacts on Water Resources, July 2006, Mark Stone, Ph.D., Division of Hydrologic Sciences, Desert Research Institute and Hilary Lopez, Ph.D., Truckee Meadows Water Authority;

Hydrologic Trend Analyses for the Truckee Meadows Region, July 2006, Mark Stone, Ph.D. and Hilary Lopez, Ph.D.

Preliminary Evaluation of Climatic Data in Truckee Meadows Region, 2009.

In 2006, and again in 2009, TMWA partnered with the Desert Research Institute (“DRI”) to research the possibility of climate change affecting the Truckee Meadows water supply. DRI analyzed climate and hydrologic data (precipitation, snow water equivalent and temperature data) in the region to show if there are any environmental changes that can be linked to global warming. Conclusions are published in TMWA’s 2010-2030 Water Resource Plan.

In 2012, the Water Research Foundation published *Groundwater Sustainability Under Climate Change: A Literature and Research Review*, Report #4325. The publication reviews climate information including climate models, assessing climate model output, downscaling methodologies and model uncertainty. Recommendations include understanding the groundwater system including aquifer properties, recharge, discharge, surface water interactions, extractions, water quality; long term monitoring and assessing how the groundwater system has responded to historic climate variability; understanding the uncertainties in climate projections, downscaling and how groundwater systems will respond. The study concludes with a recommendation for a

flexible planning approach and the adoption of adaptation strategies that make sense regardless if climate change is an issue. The report asserts that the uncertainties inherent in climate change projections should not be a barrier to taking such actions.

Ongoing Studies:

In 2010, the federal Bureau of Reclamation (“BOR”) initiated the Truckee River Basin Study, one of 17 basin studies funded since 2009. A BOR fact sheet (attached) 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; 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.

The Bureau of Reclamation held a webinar workshop with the Truckee Basin Study Technical Advisory Group on June 24, 2013. This was the first of multiple technical workshops planned to introduce and discuss the technical assessments being performed for the Truckee Basin 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 is planned for August 5, 2013.

In 2008, the Nevada System of Higher Education received an award of \$15 million from the National Science Foundation EPSCoR program. The five-year award will fund science, education, and outreach infrastructure at UNR, UNLV, DRI, Nevada State College, and Nevada’s community colleges for the study of climate change and its effects on Nevada.

The goal of the program for Climate Change Science, Education and Outreach is to create a statewide interdisciplinary program that stimulates transformative research, education and outreach on the effects of regional climate change on ecosystem resources and supports use of this knowledge by policy makers. The project will build capacity to model regional climate change, evaluate methods to downscale model output, understand and quantify key ecological and hydrological processes, translate climate change science into formats usable by decision-makers, integrate models and data, and transform how students learn about climate change.

BACKGROUND

On June 5, 2013, Commissioner Hazelwood requested that discussion on climate change studies be placed on a future agenda. As a first step, staff is responding with this report on recently completed and ongoing studies that are relevant to the planning area.

FISCAL IMPACT

There is no fiscal impact.

RECOMMENDATION

Staff recommends that the NNWPC accept this report and provide direction to staff as appropriate.

JS:jd

Attachment

Truckee River Basin Study

Contact: Michelle Denning, (916) 978-5062
Arlan Nickel, (916) 978-5061

The Truckee River is a vital water source for more than 400,000 people in both California and Nevada. From its origins in the high Sierra Nevada Mountains at elevations over 10,000 feet, the Truckee River Basin encompasses an area of approximately 3,060 square miles in California and Nevada. While the greater portion of the Truckee River Basin's surface area, and certainly the majority of its demands for water resources, lie within the State of Nevada, most of the precipitation and virtually all of the basin's water storage lies within the State of California. This geographic imbalance between the basin's water supplies and its water demands has created conflicts surrounding the rights to, and the uses of, water resources within the Truckee River Basin.

The Truckee Basin Study will evaluate the projected increase in water demands imposed by a growing human population and compare those demands to existing reservoir storage and other supplies. The Study will identify structural and non-structural strategies for resolving the imbalances of supply and demand. Utilizing broad stakeholder involvement and consensus, the Basin Study will provide recommendations which incorporate adaptive strategies to respond to climate change effects and other uncertainties.

The Basin 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; 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.

Non-Federal cost-share partners include The Truckee River Flood Management Project, Placer County Water Agency, The Truckee Meadows Water Authority and the Tahoe Regional Planning Agency. The total cost of the study is \$1.7 million with a 50/50 cost share. The Basin Study cost-share partners and Reclamation will encourage a wide spectrum of groups and organizations to participate in the study process.



Northern Nevada Water Planning Commission

STAFF REPORT

DATE: July 23, 2013

TO: Chairman and Members, Northern Nevada Water Planning Commission

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

SUBJECT: Discussion and possible recommendation to the Western Regional Water Commission ("WRWC") for approval of a Proposal for *Phase II: In-depth Analysis of Prioritized Study Areas, Baseline Data Set Creation, and Impact Assessment*, to continue the Septic Nitrate Study for Washoe County.

SUMMARY

This Proposal represents a follow up to the initial report completed in 2007 as part of the Septic Nitrate Baseline Data and Risk Assessment Study for Washoe County titled *Phase I: Prioritization of Study Areas & Assessment of Data Needs*, which was funded by the Regional Water Management Fund. The study identified areas of historic high density septic system clusters and attempted to rank them based on their potential for nitrate contamination of groundwater. The Phase I report acknowledged data gaps for several of the high density septic system areas identified. The proposed Phase II study is designed to provide the data that is needed to complete the risk analysis of the areas in question.

The proposed study is broken down into the following tasks:

Task I – Project Planning

- Overall project planning
 - Scheduling
 - Budgeting
 - Team development and meetings

Task II – Baseline Dataset Creation

- Fill data gaps, more intense records search or field work
 - Well log database queries
 - Water quality sampling – groundwater and/or surface water
 - Water levels
 - Geology
 - Septic design review
- Public outreach to obtain volunteers for well sampling

Task III – In-Depth Analysis

- Organization and database creation
 - Data collected from Phase I
 - Additional data collected in Task II above
- Modeling
 - Groundwater gradients
 - Vadose zone modeling
 - Mass balance modeling

Task IV – Risk Assessment

- Development of tables and maps based on all data collected above
- Comparison to areas of known contamination: Spanish Springs, Lemmon Valley, Washoe Valley
- Identification of areas of potential risk

Task V – Report Preparation and Presentation

- Preparation of a report divided by Study Area and a Presentation
 - Background
 - History of septic systems in the Study Area
 - Data findings
 - Modeling results
 - Risk assessment
 - Recommendations

Upon completion of the study, the findings and recommendation will be presented to the NNWPC and the WRWC.

BACKGROUND

In 2007, the Regional Water Planning Commission, the predecessor of the NNWPC, embarked on a Septic Nitrate Baseline Data and Risk Assessment Study for Washoe County. As a result of this effort, two studies have now been completed as part of a phased approach to understanding the potential risk from septic system discharges within the County. The initial study was the *Phase I: Prioritization of Study Areas & Assessment of Data Needs* which revealed sixteen historic high-density septic system developments which the study attempted to rank based on risk of their potential to contaminate groundwater. The study recognized numerous data gaps during the analysis and recommended a second phase to mitigate the data deficiencies.

Prior to beginning the second phase of the study, the NNWPC approved and funded a study to identify and summarize various ways in which communities elsewhere in the United States have developed management or mitigation solutions to septic system pollution of groundwater. At present, the only solution employed locally to solve septic system groundwater contamination problems has been conversion of septic systems to sanitary sewer, which, while effective, is extremely costly. The report was completed in March, 2013 and identifies community based technical, financial and management alternatives for mitigating contamination from septic systems.

FISCAL IMPACT

The project cost is within the \$150,000 budgeted for FY2013-2014

RECOMMENDATION

Staff recommends that the NNWPC review the proposal and, if acceptable, make a recommendation for approval to the WRWC.

CW:jd

Attachment

EXHIBIT A

Proposed Scope of Work

Western Regional Water Commission Septic Nitrate Baseline Data and Risk Assessment Study for Washoe County

***Phase II: In-Depth Analysis of Prioritized Study Areas,
Baseline Data Set Creation and
Impact Assessment***

August 1, 2013

Principal Investigator

Christian A. Kropf, Washoe County Department of Water Resources

Introduction

The Truckee Meadows Water Authority (TMWA) provides water to almost 90,000 water service connections, and Washoe County provides water service to approximately 22,000 residential customers. The majority of the Washoe County demand and approximately 15% of TMWA demand is met with groundwater. As development intensifies, population centers expand, and water needs multiply, increasing pressure is put on already stressed groundwater and surface water resources.

Along with supply pressures, groundwater and surface waters are threatened by contaminants to water quality. Possibly the largest threat to water systems nationwide is nitrate, from both natural and anthropogenic sources ⁽¹⁾. Washoe County has identified areas of water quality degradation as a result of septic system effluent, occurring predominantly in areas with high septic system densities. In addition to high densities, other contributing factors include shallow depths to groundwater, permeable soil conditions, and proximity to sensitive receptors. These conditions are present in Spanish Springs Valley ⁽²⁾, Washoe Valley ⁽³⁾, and Lemmon Valley ⁽⁴⁾ ⁽⁵⁾, and have been linked to water quality degradation.

A 2007 report by the Washoe County Department of Water Resources funded by the Regional Water Planning Commission, *Phase I: Prioritization of Study Areas and Assessment of Data Needs*, used available data to identify potential areas of nitrate contamination and identify data gaps. The report identified approximately 18,300 septic systems in Washoe County, and at least sixteen areas that have densities high enough to impact potable water supplies. Of these, it was determined that five study areas (Spanish Springs, Cold Springs, Washoe Valley, Heppner, and Golden Valley) had sufficient evidence linking water quality degradation to septic systems and required management action. Two study areas (Silver Knolls and New Washoe) were suspected to be of low risk to receptors and are of low priority. The nine remaining study areas (Mt. Rose, Ambrose, Hidden Valley, Huffaker, Verdi, Geiger, Island 18, Mogul, and Pleasant Valley) have the potential to impact water quality, but require further investigation to determine if management action is necessary in these areas.

By determining where water resources are impacted by septic system effluent, managers can decide where to allocate resources for the required management action to protect current and future potable water supplies.

Project Goals

The goals of the investigation described herein, *Phase II: In-Depth Analysis of Prioritized Study Areas, Baseline Data Set Creation, and Impact Assessment*, are to (1) fill data gaps identified in Phase I and (2) determine if the remaining nine study areas are impacting or have the potential to impact water quality.

Project Tasks

Nine of the prioritized study areas (Mt. Rose, Ambrose, Hidden Valley, Huffaker, Verdi, Geiger, Island 18, Mogul, and Pleasant Valley) identified in Phase I will require more in-depth analysis to determine their potential impact to water quality. Data gaps identified in Phase I will be addressed in Phase II, and may include more intense records searches for water quality data and/or geologic information, additional database creation, water sampling and water quality analyses, and water level collection. In-depth analysis and mass balance modeling will be completed for the nine study areas to determine the septic effluent and nitrate load to groundwater. This investigation will culminate in a report and presentation, with recommendations on addressing any areas that have degraded water quality or pose a high potential to degrade water quality.

Task I – Project Management

This task will encompass project preparation, planning, and management throughout the project and includes staff scheduling and work assignments, budgeting, invoicing, as well as team and project update meetings. It is anticipated that monthly project update meetings will take place with NNWPC representatives until the project is completed.

Task II – Baseline Dataset Creation

This task will develop a robust dataset for the nine study areas. Well log database queries will provide data on geology, water levels, screened intervals, groundwater flow direction, and water quality where possible. Septic system design as well as sensitive receptor locations and construction details will be reviewed. This information will be used in subsequent tasks to help determine septic system impact to water resources.

Task III – Water Quality Sampling

This task aims to fill data gaps in water quality information identified in the Phase I Report sections 5.2 and 5.4 (limited summary in Table 16 from Phase I, reprinted below) and in Task II above. After reviewing data from Task II, domestic and other available wells will be identified for sampling and a request for permission to sample submitted to the well owners. Every effort will be made to collect samples from shallow groundwater where possible. Surface water samples will be collected as recommended in the Phase I Report.

Additional samples will be collected from areas of known impact (Cold Springs, Washoe Valley, and Heppner). These areas have not been sampled for 10 to 20 years and an update is necessary to determine the long-term trend of septic effluent impact to groundwater and potential contaminant migration. This information is integral to help identify management options for the remaining study areas. Samples will be collected from previously-sampled wells in these areas, if possible.

All water samples will be analyzed in the field for pH, conductivity, temperature, dissolved oxygen, and oxidation/reduction potential. Water samples will also be submitted to a Nevada state certified lab for analysis of nitrate, chloride, and total dissolved solids. The number of samples collected will be modified as necessary in order to keep laboratory analytical costs under \$50,000.

Task IV – In-Depth Analysis & Impact Assessment

This task will analyze the information collected and compiled in Tasks II and III to develop a better understanding of impacts to water sources. Tables, plots, and figures will be developed to depict temporal and spatial water quality, groundwater potentiometric surface and estimates of flow, sample locations, and sensitive receptors. This information will then be used to develop mass balance models to estimate travel times to groundwater and surface water and the annual septic effluent load (impact) to groundwater and surface water in each study area.

Task V – Report Preparation and Presentation

This task will culminate in the preparation of a report divided by study area that describes the project background, history of septic systems in the study areas, data findings, mass balance modeling results, impact assessments, and recommendations for future work. It is anticipated that a draft report will be provided to NNWPC representatives for several rounds of review prior to finalizing the document. A presentation summarizing the work and the results will be given to the NNWPC at their request.

-
- (1) Nolan, B.T., Hitt, K.J., and Ruddy, B.C. 2002. *Probability of Nitrate Contamination of Recently Recharged Groundwaters in the Conterminous United States*: Environmental Science and Technology, v. 36, no. 10, p. 2138-2144.
 - (2) Rosen, M.R., Kropf, C., and Thomas, K.A. 2006. *Quantification of the Contribution of Nitrogen from Septic Tanks to Ground Water in Spanish Springs Valley, Nevada*: U.S. Geological Survey Scientific Investigations Report 2006-5206.
 - (3) McKay, W.A. and H. Zhan, 1999. *A Solute Transport Model of Nitrate Occurrence in Washoe Valley, Nevada*: Desert Research Institute Publication No. 41162, 76 p.
 - (4) Widmer, M.C. and W. A. McKay, 1994. *Ground Water Contamination from Septic Effluent in a Closed Basin, Washoe County, Nevada*: Washoe County Department of Public Works, Utility Division, 64 p.
 - (5) Seiler, R.L., 1996. *Methods for Identifying Sources of Nitrogen Contamination of Ground Water in Valleys in Washoe County, Nevada*: U.S. Geological Survey Open-File Report 96-461, 20 p.
 - (6) Seiler, R.L., 1999. *A Chemical Signature for Ground Water Contamination by Domestic Wastewater*. Reno, University of Nevada, Ph.D. dissertation, 125 p.
 - (7) Seiler, R.L., Zaugg, S.D., Thomas, J.M., and Howcroft, D.L., 1999, *Caffeine and Pharmaceuticals as Indicators of Wastewater Contamination in Wells*: Ground Water, v. 37, no. 3, p. 405-410.

Table 16 Data needs by Project Area

Project Area Name	Data Needs
Ambrose	Truckee River water quality near HDI Ground-water quality and depth within HDI
Cold Springs	None Needed
Geiger	Steamboat Creek water quality down gradient of HDI
Golden Valley	Ground-water quality and depth within northern HDI
Heppner	None Needed
Hidden Valley	Steamboat Creek water quality down gradient of HDI Ground-water quality and depth within and down gradient of HDI
Huffaker	Ground-water quality & depth w/in southern HDI west of well DD1 Thomas and Whites Creek water quality down gradient from HDI
Island 18	Ground-water quality and depth within and down gradient of HDI Truckee River water quality near well SW
Mogul	Ground-water quality and depth within and down gradient of HDI Truckee River water quality near HDI
Mt. Rose	Ground-water quality and depth w/in & down gradient of SW HDI Jones & Galena Creek water quality down gradient from each HDI
New Washoe	None Needed
Pleasant Valley	Galena & Steamboat Creek water quality down gradient from HDI
Silver Knolls	None Needed
Spanish Springs	Orr Ditch and North Truckee Drain water quality
Verdi	Truckee River water quality near HDI
Washoe	Washoe Lake water quality

(from Phase I: Prioritization of Study Areas and Assessment of Data Needs)
HDI = high density individual sewage disposal system

Estimated Project Costs and Schedule

Task	Staff	Hours	Rate	Subtotal	Task Total	Schedule
I	Hydrogeologist	40	\$ 69.25	\$ 2,770.00		
	Intern	80	\$ 11.45	\$ 916.00	\$ 3,686.00	2 weeks
II	Hydrogeologist	160	\$ 69.25	\$ 11,080.00		
	Hydrogeologist	100	\$ 69.25	\$ 6,925.00		
	Engineering	20	\$ 76.07	\$ 1,521.40		
	GIS	40	\$ 58.21	\$ 2,328.40		
	Intern	200	\$ 11.45	\$ 2,290.00	\$ 24,144.80	5 weeks
III	Hydrogeologist	160	\$ 69.25	\$ 11,080.00		
	Hydrogeologist	100	\$ 69.25	\$ 6,925.00		
	Engineering	20	\$ 76.07	\$ 1,521.40		
	GIS	100	\$ 58.21	\$ 5,821.00		
	Intern	200	\$ 11.45	\$ 2,290.00		
	Lab Analytical	Not-to-Exceed		\$ 50,000.00	\$ 77,637.40	5 weeks
IV	Hydrogeologist	200	\$ 69.25	\$ 13,850.00		
	Engineering	20	\$ 76.07	\$ 1,521.40		
	GIS	120	\$ 58.21	\$ 6,985.20		
	Intern	120	\$ 11.45	\$ 1,374.00	\$ 23,730.60	3 weeks
V	Hydrogeologist	160	\$ 69.25	\$ 11,080.00		
	Engineering	20	\$ 76.07	\$ 1,521.40		
	GIS	100	\$ 58.21	\$ 5,821.00		
	Intern	100	\$ 11.45	\$ 1,145.00		
	Materials			\$ 1,000.00	\$ 20,567.40	5 weeks
Project Total					\$ 149,766.20	20 weeks

Start date: November 2013
Duration: Five to Six Months

EXHIBIT B

UNIT FEE SCHEDULE

<u>Labor</u>	<u>Unit/Hour Rate</u>
Hydrogeologist	\$69.25
Engineer	\$76.07
GIS	\$58.21
Intern	\$11.45
 <u>Expenses</u>	
Materials - Not to Exceed	\$1,000.00
Sub Contractor (lump sum)	\$10,000.00

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: August 1, 2013

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: Report on the South Truckee Meadows General Improvement District (“STMGID”), issues arising from the pending consolidation of Washoe County’s water utility with the Truckee Meadows Water Authority (“TMWA”), and possible consolidation of STMGID with TMWA.

Jerry Schumacher, STMGID Board of Trustees, will provide a brief verbal report concerning STMGID issues arising from the pending consolidation of Washoe County’s water utility with the Truckee Meadows Water Authority (“TMWA”), and possible consolidation of STMGID with TMWA.

JS:jd

Northern Nevada Water Planning Commission

DATE: August 2, 2013
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: John Rhodes, Legal Counsel
SUBJECT: Review of actions taken by the 2013 Nevada Legislature that may affect or are of interest to the Western Regional Water Commission ("WRWC") / Northern Nevada Water Planning Commission ("NNWPC")

The following staff report lists Bills introduced in the 2013 Nevada Legislature that may affect or are of interest to the WRWC and NNWPC. The Bills are noted with an Assembly ("AB") or Senate ("SB") designation, and the complete language of each Bill is available by clicking on the corresponding link contained in the electronic version of this report. WRWC staff and the WRWC Legislative Subcommittee tracked these Bills, recommended positions to be taken, and provided periodic updates to the WRWC and NNWPC. The attached summary provides a final update.

Bill Drafts Requested and Bills Introduced

Water Issues

- | | |
|---|--|
| <p>SB499 Legislative committee to Oversee the Western Regional Water Commission (SB 487, 2007)
 Creates a Legislative Committee on water statewide issues.
 Please click the following link to view a recent report entitled:
 13-09 Legislative Committee to Oversee the Western Regional Water Commission
 [Died in committee.] (BDR 17--144, 6/28/12)</p> | <p>Subcommittee Position
Watch</p> |
| <p>SB271 Assembly Goicoechea
 Makes appropriation to the Humboldt River Basin Water Authority for cloud seeding project.
 [Died in committee.] (BDR 442, 9/4/12)</p> | <p>Subcommittee Position
Watch</p> |
| <p>SB133 Senator Goicoechea
 Includes participation, per amendment "in an advisory capacity" by local governments in monitoring, management and mitigation of water resources. Requires the State Engineer to allow a county to participate in the development and implementation of a plan relating to the appropriation of water for beneficial use under certain circumstances. [Passed and approved by Governor, effective 5/24/13.]
 (BDR 48--631, 12/3/12)</p> | <p>Subcommittee Position
Watch</p> |
| <p>AB301 Assemblyman Oscarson
 Directs the Legislative committee on Public Lands to study and make recommendations on alternative water sources for Nevada communities during the 2013-2014 interim. [Passed Assembly, received "Do Pass" recommendation from Senate committee. Died in Senate.]
 (BDR S--80712/10/12)</p> | <p>Subcommittee Position
Watch</p> |

Open Meeting Issues

- | | |
|---|----------------------------------|
| <p>AB118 Assemblyman Hickey
 Revises provisions governing the applicability of the Open Meeting Law to the Legislature
 Establishes the Legislative Open Meeting Law. [Died in committee.]
 (BDR 17--49, 3/26/12)</p> | Subcommittee Position
Watch |
| <p>AB65 Attorney General
 Makes various changes to the Open Meeting Law. Prohibits designation of alternates unless authorized
 by statute or creating authority. Adds exemption for meetings held by committees or subcommittees
 solely to acquire facts for a public body. Defines "deliberate", which may constitute action by a public
 body. Requires additional information on notices for a meeting (name and contact information for
 requesting supporting material, and locations where supporting material is available), and posting of
 supporting materials on website at same time they are provided to members of the public body.
 [Passed and approved by Governor, effective 7/1/13.]
 (BDR 19--402, 8/31/12)</p> | Subcommittee Position
Neutral |
| <p>AB445 Assembly Committee on Government Affairs
 Revises provisions governing administrative procedures. Requires posting of notices of meetings by
 public bodies on the official website for the State.
 [Passed and approved by Governor, effective 1/1/14]
 (BDR 19--121, 2/18/13)</p> | Subcommittee Position
Neutral |

Ethics and Contracts Issues

- | | |
|---|--------------------------------------|
| <p>SB228 Senator Parks
 Revises provisions relating to ethics in government. [Passed and approved by Governor, portions
 effective 6/13/13, balance effective 1/1/14.]
 (BDR 23--445, 9/4/12)</p> | Subcommittee Position
Watch |
| <p>AB314 Assemblywoman Spiegel
 Enacts the Lobbyist Code of Ethics. [Died in committee.]
 (BDR 17--1027, 2/11/13)</p> | Subcommittee Position
Watch |
| <p>AB169 Assemblywoman Neal
 Revises provisions relating to contracts with a governmental entity. [Died in committee.]
 (BDR 23--793, 12/10/12)</p> | Subcommittee Position
Not Support |

Public Records Issues

- | | |
|---|---|
| <p>AB31 Attorney General
Revises provisions governing public records requests. Lists all statutory exceptions to the Public Records Law. Adopts a case law balancing test to determine whether a document is a public record. requires written notice of denial with general description of withheld record. [Passed and approved by Governor, effective 10/1/13.]
(BDR 19--211, 8/30/12)</p> | <p>Subcommittee Position
Neutral</p> |
| <p>SB74 Senator Segerblom
Revises provisions relating to public records. Requires response within five days, and allows oral requests. [Passed and approved by Governor, effective 10/1/13.]
(BDR 19--603, 11/28/12)</p> | <p>Subcommittee Position
Oppose, as written</p> |
| <p>AB251 Assemblyman Hansen
Requires contact information for members of state and local committees to be provided to the public upon request. [Passed Assembly, died in Senate committee.]
(BDR 19--159, 7/25/12)</p> | <p>Subcommittee Position
Watch</p> |

Other Issues of Interest

- | | |
|---|--|
| <p>SB2 Nevada Association of Counties
Revises provisions governing powers of local governments. Grants power to local governments to perform certain acts or duties which are not prohibited or limited by statute. [Passed Senate, died in Assembly committee.]
(BDR 20--174, 8/10/12)</p> | <p>Subcommittee Position
Neutral</p> |
| <p>SB55 Las Vegas, City of
Revises provisions governing the subject matter of master plans. [Passed and approved by Governor, effective 6/1/13.]
(BDR 22--254, 8/30/12)</p> | <p>Subcommittee Position
Watch</p> |
| <p>AB150 Assemblyman Daly
Revises provisions governing the Legislative Commission. [Passed and vetoed by Governor.]
(BDR 17--739, 12/10/12)</p> | <p>Subcommittee Position
Oppose</p> |

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: July 30, 2013

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

Jim Smitherman, NNWPC Water Resources Program Manager, will provide a brief verbal report concerning the status of the TMRPA parcel-based population and employment modeling project.

JS:jd

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: August 1, 2013
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	Fourth Amendment to TMDL Phase I	City of Reno (LimnoTech)	250,000	107,503	57%	6/30/14	Work is in progress
2	Washoe Evapotranspiration (ET) Project Maintenance	DRI (Desert Research Institute)	10,000	10,000	0%	6/30/14	Work is in progress
3	Regional Storm Water Quality Management Program (Second Amendment)	City of Reno	262,500	262,500	0%	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	Regional Data Development and Analytical Program (FY 2011-2012)	Truckee Meadows Regional Planning Agency	486,000	339,674	30%	6/30/14	Work is in progress
6	Certified Landscape Technician Program 2012-13	Nevada Landscape Association (NLA)	25,000	12,500	50%	12/31/13	Work is in progress
7	Website support Fiscal Year 2012-2013	Washoe County Technology Services	12,500	11,590	7%	6/30/14	Work is in progress
8	G3 Productions NNWPC FY 2012-13	G3 Productions	5,000	3,725	26%	6/30/14	Work is in progress
9	WRWC Meetings Video Taping	Envision	3,000	3,000	0%	6/30/14	Preparing PO request
10	TRIG Website Support FY 2012-13	City of Reno	7,500	7,500	0%	6/30/14	Waiting for PO
11	CloudSeeding Program Winter 2012	(DRI) Desert Research Institute	100,000	84,764	15%	12/31/13	Work is in progress
12	NNWPC Minutes ThirdAmendment	Niki Linn	20,000	10,500	48%	6/30/14	Work is in progress
13	Audit of Fiscal Year 2012 - 2013	Bullard Macy Group	8,300	8,300	0%	12/31/13	Waiting for PO
14	TMWRF Treatment Study	City of Reno	50,000	50,000	0%	6/30/14	Waiting for PO
15	Water Usage Review Program 2013 - 2014	TMWA	131,352	131,116	0%	12/31/14	Waiting for PO
16	Fourth Amendment to Reimburse TMWA and DWR for consolidation efforts (FY 2012-2013)	TMWA / DWR	300,000	300,000	0%	6/30/14	Waiting for PO
17	TROA - 6,700 AF water rights purchase	TMWA	2,700,000	2,700,000	0%	6/30/18	Work is in progress

Run Date: 08/01/13

Fund 766

Report 400/ZF15

Period 1 thru 2- 2014 Fiscal Year

08-07-13: NNWPC Agenda Item 12b

**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-				83,537.00-	100-		83,537.00-	100-
Water Surcharge 1.5%	1,366,984.00-	303,726.30-		303,726.30-	1,063,257.70-	78-		1,063,257.70-	78-
** REVENUE	1,450,521.00-	303,726.30-		303,726.30-	1,146,794.70-	79-		1,146,794.70-	79-
Professional Services	1,792,000.00	195,069.41	678,004.97	873,074.38	918,925.62	51		918,925.62	51
WRWC Staff & Legal	480,932.00	10,591.40-	5,760.00	4,831.40-	485,763.40	7.14-		485,763.40	7.14-
Fin Consult Services	23,000.00				23,000.00	100		23,000.00	100
Service Contract		200.00	10,460.00	10,660.00	10,660.00-			10,660.00-	
Pmts to Other Agencies	2,700,000.00				2,700,000.00	100		2,700,000.00	100
Seminars and Meetings	3,000.00				3,000.00	100		3,000.00	100
Advertising	5,000.00				5,000.00	100		5,000.00	100
Undesignated Budget	15,000.00				15,000.00	100		15,000.00	100
Travel	7,000.00				7,000.00	100		7,000.00	100
** EXPENDITURES	5,025,932.00	184,678.01	694,224.97	878,902.98	4,147,029.02	83		4,147,029.02	83
*** Total	3,575,411.00	119,048.29-	694,224.97	575,176.68	3,000,234.32	84-		3,000,234.32	84-

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: August 1, 2013

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 will provide a brief verbal report concerning the recent TMWA SAC meeting.

JS:jd