

# NORTHERN NEVADA WATER PLANNING COMMISSION AGENDA

Wednesday, February 4, 2009  
1:30 p.m.

Reno City Council Chambers  
One East First Street  
Reno, Nevada

1. Roll Call and determination of presence of a quorum.
2. Approval of agenda.
3. Approval of the minutes from the January 7, 2009, meeting.
4. Public Comments. \* (Three-minute time limit per person.)
5. Status report on the North Valleys Initiative – Michael Drinkwater, City of Reno, and possible direction to staff.
6. Status report on Regional Hydrologic Model development project – Truckee River Flood Management Project staff.
7. Review Conceptual process for development of the comprehensive plan required by Chapter 531, Statutes of Nevada 2007, and possible direction to staff – Jim Smitherman.
8. Discussion and possible approval of Scope of Work regarding website development and funding in an amount not to exceed \$10,594, and if approved, request the Program Manager to execute an interlocal agreement with Washoe County for the project – Jim Smitherman.
9. Informational report regarding Truckee Meadows Water Authority Standing Advisory Committee, Barry Winzeler. \*
10. 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. Update on Bill Draft Requests (BDRs) that may affect the NNWPC
  - d. Truckee River Flood Management Project status report
  - e. Update on the public process for the City of Reno's Letter of Map Revision for Silver Lake

11. Discussion and possible direction to staff regarding agenda items for the March 4, 2009, Commission meeting and future meetings, Jim Smitherman.
12. Commission comments. \*
13. Staff comments. \*
14. Public Comments.\* (Three-minute time limit per person.)
15. Adjournment.

\*Indicates a non-action item

**Notes:** Items on the agenda without a time designation may not necessarily be considered in the order in which they appear. The Commission may take action on any of the action items listed.

Facilities in which this meeting is being held are accessible to the disabled. Persons with disabilities who require special accommodations or assistance (e.g. sign language interpreters or assisted listening devices) at the meeting should notify the Washoe County Department of Water Resources, at 954-4665, 24 hours prior to the meeting.

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), the Northern Nevada Water Planning Commission (NNWPC) website: <http://www.washoecounty.us/water/nnwpc.htm>, and the Western Regional Water Commission's (WRWC) website: <http://www.wrwc.us/meetings.html>

**DRAFT**

**NORTHERN NEVADA WATER PLANNING COMMISSION  
MINUTES**

**Wednesday, January 7, 2009**

The regular meeting of the Northern Nevada Water Planning Commission (NNWPC) was held on Wednesday, January 7, 2009 in the Reno City Council Chambers, One East First Street, Reno, Nevada.

- 1. Roll Call and determination of presence of a quorum** – Chairman Price called the meeting to order at 1:33 p.m. There was a quorum present.

Voting Members Present:

George W. Ball, Jr.  
Greg Dennis  
Michael J. DeMartini  
John Jackson  
Neil Mann  
Rosemary Menard  
Darrin Price  
Jerry Schumacher  
Wayne Seidel

Voting Members Absent:

Michael Cameron  
John Erwin

Non-Voting Members Present:

John Bird  
Harry Fahnestock  
Kelvin Hickenbottom  
Jon Palm

Non-Voting Members Absent:

Ray Davis  
David Noble

Staff Members Present:

Jim Smitherman  
Chris Wessel  
June Davis  
John Rhodes, Legal Counsel

- 2. Approval of the agenda.**

Commissioner Menard made a motion to approve the January 7, 2009 NNWPC agenda as posted. Commissioner Seidel seconded the motion, which carried unanimously.

- 3. Approval of the minutes from the December 3, 2008 meeting.**

The minutes of the December 3, 2008 NNWPC meeting were submitted for approval. Commissioner Schumacher made a motion to approve the minutes as submitted. Commissioner Ball seconded the motion. Commissioner Dennis referred to page 2 of 7, ninth bullet and asked for clarification that the approximately 60,000 to 64,000 acre-feet annually (AFA) number is “additional”. Staff agreed to review the audio recording of the meeting. Chairman Price called for a vote on the motion, which carried unanimously.

- 4. Public Comments.**

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

- 5. Discussion and possible recommendation to the Western Regional Water Commission (WRWC) for funding in an amount not to exceed \$50,000 from the Regional Water Management Fund for a hydrologic and hydraulic analysis for a tributary watershed to Swan Lake.**

Chairman Price welcomed Dan St. John, Washoe County Public Works Director. Mr. St. John reported that he is the designated leader for the Washoe County Stormwater Task Force. He stated that based on the NNWPC's recently adopted priorities, he sees an opportunity relative to the North Valleys. He stated that he was requesting funding for a hydrologic study for the Swan Lake, Lemmon Valley, Golden Valley hydrologic basin. He stated that the study would basically refine previous studies and flood elevations for Swan Lake.

Mr. St. John reported that he feels it is timely to create a tool to assist with additional future studies on stormwater, sediment transport issues, etc. in the North Valleys. He added that it is a priority for the County to address flooding in that area. He stated he believes it ties into the 100-year flood elevation studies for Swan Lake and the Truckee River Flood Project. He welcomed questions from Commissioners.

Chairman Price stated that he has seen many studies performed on drainage in the Lemmon Valley area and asked if that information would be utilized in the current work. Mr. St. John reported that Walt West, Public Works and Denny Peters of Manhard Consulting, were present to answer technical questions.

Mr. Peters reported that specifically this effort would benefit from Manhard's recent regional model of the City of Reno and Truckee River, which is a calibrated model. He reported that previous models relied on some "off the shelf" information rather than real-time, calibrated information. He added that the model for Swan Lake could be used definitively for any other part of the watershed. Chairman Price asked whether prior studies performed in that area would be used. Mr. St. John reported that they would use a study done for the North Valleys High School and the detention basin. He clarified that they would be bringing in a "different set of tools" and a "different approach". He added that the methodology is more technical and will use geographic information system (GIS) information. Chairman Price mentioned that the high school is in Golden Valley and this request is for Lemmon Valley.

Mr. Peters stated that they have referenced studies performed by Manhard and Quad Knopf on Swan Lake.

Chairman Price mentioned that huge volumes of construction were performed on Lemmon Valley Drive with huge drainage systems. He stated there must have been studies and analyses performed prior to that work. Walt West reiterated that they have reviewed the Quad Knopf studies, which will be used in the current work.

Commissioner Dennis referred to the flood pool work and stated this study will focus on conveyance through a drainage facility, which are two different models.

Commissioner DeMartini stated he is concerned with the hydraulics portion of the study, which he believes is more of a specific improvement type analysis rather than regional analysis. He stated the hydrology portion makes sense to him regionally if developed that way. He agreed with Chairman Price that many studies have been performed regarding Lemmon Drive. He stated there used to be a railroad crossing across the drainage channel that presumably still exists; however, he did not see it included in the scope of work. He stated it is a major crossing that acts as a dam on the drainage. He stated that the issue could greatly increase the cost.

Mr. St. John agreed that the issue needs to be studied related to the railroad crossing. He stated that regarding the specific hydraulics, Golden Valley and Lemmon Valley are hydraulically connected. He stated that Washoe County is committed to providing in-kind services to make the project happen.

Commissioner Seidel asked who currently funds the operation and maintenance (O&M) costs for the drainage facilities. Mr. St. John stated that the costs are shared by the City of Reno Utility and Washoe County's General Fund.

Commissioner Seidel reported that Manhard Consulting was selected as the consultant for the Truckee River Regional Model so he sees some efficiency here.

Chairman Price asked why the request is for \$50,000 when Manhard's proposal is for \$42,500. Mr. St. John stated that it could likely require additional services. Chairman Price mentioned the comment made by Commissioner DeMartini that the matched funding would be provided by in-kind services provided by Washoe County. He asked Mr. Smitherman if there is funding available for this project in the budget. Mr. Smitherman stated that the funds are available; however, they have not been factored in to the four-year budget projections.

Commissioner Seidel made a motion to approve the request. Commissioner DeMartini seconded the motion with the condition that the railroad crossing issue be examined and if problems are discovered, the consultant would report back with a revised proposal. The motion maker agreed with the modification. Chairman Price called for a vote on the motion, which carried unanimously.

**6. Review and possible amendment to the Northern Nevada Water Planning Commission (NNWPC) Administrative Policies & Procedures, and possible direction to staff.**

Chairman Price turned over the presentation to Jim Smitherman. Mr. Smitherman referred to the packet item, which includes the "General Policies" as follows:

- Selection of Chairman and Vice-Chairman
- Meetings – schedule and location
- Order of Business
- Business Items, which includes setting future agenda items
- Addressing the Commission

Mr. Smitherman stated that in reviewing the law there is a procedure for establishing special meetings, which may be called by the Chairman with at least three days written notice in accordance with Open Meeting Law. He stated that the revisions were minimal and made in order to comply with the law.

Mr. Rhodes stated he reviewed the proposed amendments and that he agrees the amendments would bring the NNWPC into full compliance with the requirements set forth in Chapter 531 of the *Statutes of Nevada 2007*.

Chairman Price asked for clarification that the Policies and Procedures could be revised at any time, which Mr. Rhodes stated is correct.

Commissioner Seidel made a motion to approve the amendments. Commissioner Mann seconded the motion, which carried unanimously.

**7. Status report on coordination with WRWC member agency representatives concerning regional consistency of water conservation provisions in development codes, and possible direction to staff.**

Chairman Price invited Chris Wessel to speak on this item. Mr. Wessel reported that a request was made at the last meeting for an update on regional conservation efforts and planning. He reported that staff has met with City of Reno, City of Sparks and Washoe County Community Development departments to discuss current code development and the possibility of incorporating regional conservation policies. He stated that each of the entities seem to be open to the idea.

Mr. Wessel reported that a meeting was held on January 5, 2009 with the member agencies and purveyors to discuss new elements with regard to conservation. He stated that the Truckee River Operating Agreement (TROA) dictates certain conservation efforts. Chairman Price asked for a list of which items

are dictated by TROA. Mr. Wessel stated that the items are:

- Water meter retrofit – TMWA plans to be a fully-metered system by 2010.
- Block rate structures for municipal water services regionally
- Assigned day watering
- Public education

Mr. Wessel stated that the group is also examining landscape elements. He reported that there is a group called the Truckee Meadows Community Forestry Coalition, for which he has been attending meetings. He stated that the group includes arborists and others to address the issue of being able to maintain landscaping with metered watering. He stated that the TMWA Board would be looking for recommendations from the NNWPC probably in the fall.

Mr. Wessel summarized that the member agency staffs would continue to meet in an effort to develop regional policies over time.

Commissioner DeMartini referred to the participating entities and asked if there are other utilities that could be affected by the policies who are not participating. Mr. Wessel stated that the member agencies are those represented by the WRWC and NNWPC because private purveyors are not subject to their authority. He added that they would not be excluded.

Chairman Price stated that he appreciates that TMWA is spearheading the effort. He also requested a presentation and introduction to the newly formed Forestry Coalition. Mr. Wessel stated he would be happy to relay that request. He added that Lora Richards is spearheading the effort. Chairman Price requested a schedule as well.

Commissioner Seidel asked if the Builders Association and Landscape Associations would be included and when. Chairman Price stated that a schedule would show that projected timeline and milestones. Mr. Smitherman clarified that when draft code amendments were ready to move forward, they would be presented to the public and the development community would have an opportunity to review and respond.

#### **8. Informational report regarding Truckee Meadows Water Authority Standing Advisory Committee.**

Chairman Price welcomed Barry Winzeler, NNWPC Representative to the Truckee Meadows Water Authority (TMWA) Standing Advisory Committee (SAC) to provide an informational update on the meetings. Mr. Winzeler stated that no meeting was held so he had nothing to report but offered to provide an update at the next NNWPC meeting.

#### **9. Program Manager's Report**

Mr. Smitherman reported that he included updates on the following topics as requested or that he thought would be of interest to Commissioners. He stated that the purpose of this agenda item is for Commissioners to review the information included in the agenda packets and to ask questions, make comments, or request additional information.

##### **a. Status report on projects and Work Plan supported by the Regional Water Management Fund**

Commissioner Ball stated there are a variety of projects included on the list and asked that the NNWPC be kept up to date as appropriate. Mr. Smitherman agreed.

##### **b. Financial report on the Regional Water Management Fund**

##### **c. Update on Bill Draft Requests (BDRs) that may affect the NNWPC**

Mr. Smitherman referred to BDR 237, which will include new language provided by the

Legislative Committee to Oversee the WRWC. He also referred to new BDRs that were introduced in December. He stated that BDR 22-750, introduced by Assemblywoman Leslie includes language very similar to that of Washoe County Ballot Question No. 3 related to sustainable water resources.

**d. Truckee River Flood Management Project status report**

Mr. Smitherman reported that a status update on the Truckee River Flood Project was included as an informational item.

Mr. Smitherman welcomed questions or comments from Commissioners. Chairman Price thanked Mr. Smitherman for his update.

**10. Discussion and possible direction to staff regarding agenda items for the February 4, 2009, Commission meeting and future meetings.**

Mr. Smitherman provided a list of agenda items for the February 4, 2009 NNWPC Agenda that was included in Commissioner's packets. The potential items include:

1. Conceptual process for development of the comprehensive plan required by Chapter 531, *Statutes of Nevada 2007*
2. Status report on Regional Hydrologic Model development project – Truckee River Flood Management Project staff
3. Program Manager's Report:
  - a. Status of projects and Work Plan supported by the Regional Water Management Fund
  - b. Financial report on the Regional Water Management Fund
  - c. BDR's affecting the NNWPC
  - d. Truckee River Flood Management Project status report
4. Informational report regarding Truckee Meadows Water Authority Standing Advisory Committee – Barry Winzeler
5. Other Informational Items

Mr. Smitherman reported that other potential future agenda items include:

- Status update on the North Valleys Initiative
- Update on the Public Process for the City of Reno's Letter of Map Revision for Silver Lake flood project (partially funded by NNWPC) – Mr. Smitherman reported that a verbal report or informational item could be provided.

Commissioner Schumacher requested an update from Rosanna Coombes, Truckee Meadows Regional Planning Agency on Washoe County Question No. 3. Mr. Rhodes reported that staff plans to keep Commissioners informed of any new information. He added that a meeting is scheduled for the governmental entities and cautioned over having a quorum of the NNWPC being present. By a show of hands it did not look like a problem.

Commissioner DeMartini asked if a standing item for informational reports from John Bird should be added. Chairman Price stated that Mr. Bird is welcome to provide comments at any time on any item.

Commissioner Seidel referred to a new BDR 924 regarding fluoridation of water in Washoe County. He suggested that issue be tracked. Ms. Menard reported she was meeting with the group behind that BDR later that day. She reported that DWR and TWMA would be involved in the related cost analysis. Commissioner Seidel stated he hoped the NNWPC would have an opportunity to review the technical and cost analysis. Ms. Menard stated that the current requirement is for fluoridation for communities with populations greater than 400,000.

**11. Commission Comments.**

None

**12. Staff Comments.**

None

**13. Public Comments.**

Chairman Price called for public comments.

Kathy Brandhorst made comments related to the Truckee River, water in the Reno area and other issues.

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

**14. Adjournment.**

With no further business, the meeting was adjourned at 2:25 p.m.

Respectfully submitted by,

Niki Linn, Recording Secretary

Approved by Commission in session on \_\_\_\_\_ 2009.

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Darrin Price, Chairman

# Northern Nevada Water Planning Commission

## STAFF REPORT

**DATE:** January 27, 2009

**TO:** Chairman and Members, Northern Nevada Water Planning Commission

**FROM:** Michael Drinkwater, P.E., City of Reno Public Works

**THROUGH:** Jim Smitherman, Water Resources Program Manager

**SUBJECT:** Status report on the development of an Integrated Water and Reclaimed Water Management Plan for the North Valleys (North Valleys Initiative)

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### **Background**

The Water Reuse Programs section of the Regional Water Management Plan presents a high level introduction of the potential benefits of a regionally integrated reclaimed water system. To initiate the first steps to work towards a regionally integrated system, a project informally titled "North Valleys Initiative" was authorized in June 2008. The project focuses on regional reclaimed water issues using the Stead, Lemmon Valley and Cold Springs areas as a pilot case to develop a process of working together to resolve issues of mutual concern.

The purpose of the North Valleys Initiative is to address the many inter-related policy, regulatory, technical and financial issues associated with expanding reclaimed water service. Key personnel from Reno, as project manager, Sparks, Washoe County, Truckee Meadows Water Authority, Western Regional Water Commission and Eco:Logic Engineering comprise the project core group. Project objectives include:

1. Updating existing or establishing new reuse ordinances;
2. Addressing public health protection responsibilities;
3. Recommending and implementing new water rights policies;
4. Obtaining local and State regulatory buy-in for expanded use of reclaimed water (residential irrigation / storage options / aquifer storage and recovery);
5. Recommending and implementing more consistent reclaimed water rate structures (connection and O&M fees);
6. Addressing technical challenges (storage options, effluent management plans, cross-connection control, inspection, etc.);
7. Recommending administrative roles (i.e. individual utility management vs. single entity oversight of the whole reclaimed system);
8. Developing a community outreach program to gain broad support for the program.

### **Project Status**

The core group has held several meetings, some of which have included Washoe County District Health Department (WCDHD) and Nevada Division of Environmental Protection (NDEP) personnel. The two primary expanded reclaimed water uses being investigated are residential landscape irrigation and indirect potable reuse via aquifer recharge.

The evaluation of existing reclaimed water systems in California and other areas has indicated that the technical issues of reuse are minimal when compared to the regulatory and funding issues. The Washoe County District Health Department (WCDHD), which will have primary regulatory jurisdiction over any reclaimed water system, and the Nevada Division of Environmental Protection (NDEP), which will permit the treatment plant that supplies the reclaimed water system, have expressed concerns over the potential for cross connection between the reclaimed water system and the potable water system where reclaimed water is used for residential irrigation.

Winter storage is one of the technical issues associated with landscape irrigation. The analysis of the water balance has shown that while it is possible to use a large percentage of the reclaimed water for irrigation, the system will likely require large storage tanks or reservoirs in order to allow for summer irrigation using reclaimed water generated during the winter months.

Indirect potable reuse via aquifer recharge would avoid the need for winter storage. NDEP has expressed substantially less regulatory concern over the indirect potable reuse via aquifer recharge. NDEP and WCDHD share the opinion that a suitable water quality standard be established for any recharge water. Discussions were held with the project core group, regulators from WCDHD and NDEP and the California Department of Health Services to discuss how indirect potable reuse for aquifer recharge is currently managed in California.

**Continuing Work**

The project core group continues to work with NDEP, WCDHD and other stakeholders to complete the evaluation of the expanded reclaimed water use alternatives including cost estimates for the required treatment and distribution infrastructure. Due to the seasonal imbalance of reclaimed water demand and availability, the project is beginning an evaluation of the benefit of connecting the Reno-Stead WRF reclaimed water system to the TMWRF reclaimed water system in Spanish Springs. While this connection may mitigate the imbalance in the North Valleys, it may also serve as part of a larger, regional effluent system in the future.

In addition to regulatory, policy, and physical infrastructure requirements for effluent disposal we are investigating the public outreach program that would be required for each of the primary alternatives. The input received from several projects in California have cautioned the core group against any large public outreach program until a specific alternative has been identified as the preferred alternative.

**Budget**

Original Contract Amount	\$172,448.00	
Contract Amendments	None	
Billed to date	\$97,021.94	56% of total
Remaining Contract Amount	\$75,426.06	44% of total

**Related Work**

The following related work is ongoing, but is not being funded by WRWC:

City of Reno Advanced Oxidation Pilot Test – The City of Reno is currently testing an advanced oxidation process at the Reno-Stead Water Reclamation Facility with the intent of identifying a treatment process that is suitable for aquifer recharge. The pilot test is approximately halfway finished with final results expected in May, 2009.

City of Sparks Dual System Analysis – The City of Sparks has contracted with a Optimatics Inc., a water system optimization firm in Chicago IL, to do an evaluation of a proposed subdivision in Lemmon Valley to determine the feasibility of having a dual-plumbed system.

# Northern Nevada Water Planning Commission

## STAFF REPORT

**DATE:** January 29, 2009  
**TO:** Chairman and Members, Northern Nevada Water Planning Commission  
**FROM:** June Davis, Administrative Secretary  
**SUBJECT:** Status report on the development of a Regional Hydrologic Model for the Truckee River drainage area

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Jay Aldean, Deputy Director, Truckee River Flood Management Project will present the Commission with a verbal status report on the development of a Regional Hydrologic Model for the Truckee River drainage area.

# Northern Nevada Water Planning Commission

## STAFF REPORT

DATE: January 27, 2009

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: Review of a strategy and goals for the development of the Comprehensive Plan, and possible recommendation to the Western Regional Water Commission

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### SUMMARY

Chapter 531 Statutes of Nevada 2007 sets forth required elements, a process for development and adoption, and a due date for the Comprehensive Plan. Development of the Plan is among the Western Regional Water Commission's highest priorities. Staff has developed a strategy to develop the 2011 Comprehensive Plan that includes the following steps:

- Interview and receive information from users of plan to gather input regarding usefulness and implementation, including TMRPA, Reno, Sparks and Washoe County Community Development Departments and Public Works Departments, TMWA, SVGID, STMGID and WCDWR.
- Receive information from other interested parties.
- Review State, regional and local plans pertaining to water or land use, including the state water plan, the Truckee Meadows Regional Plan, water conservation plans and master plans.
- Review plans from other regions for format and organizational ideas.
- Report to NNWPC findings and recommendations regarding information received and plans reviewed.
- Review policies, chapters, maps, facility plans and other plans of the 2004-2025 Washoe County Comprehensive Regional Water Management Plan as amended.
- Report to NNWPC findings and recommendations regarding plan review and recommendations for revisions.
- Make revisions to existing sections and develop new sections as necessary to incorporate the results of ongoing projects, address additional plan elements required by Chapter 531, Statutes of Nevada, 2007, and address NNWPC direction.
- Coordinate or retain as recommended by the NNWPC other agencies or contractors to provide technical services necessary for making revisions or developing new sections. Services may include data gathering, analysis, modeling, facility planning, GIS, editing, formatting and final document production.

**Role of staff:** Staff serves as coordinator and facilitator for the development of the Comprehensive Plan required by Chapter 531, Statutes of Nevada, 2007. Close coordination among staff, the NNWPC, the WRWC and other affected agencies is necessary to successfully develop the plan.

**FY 09-10 Goal:** Implement strategy to develop 2011 comprehensive plan and complete tasks according to the schedule included in the strategy below, on or before dates shown in parentheses. Assume that information gathering and review of outside planning documents are finished by June 2009. Complete contractor projects according to schedules in contract scopes of work. Coordinate with project managers monthly or as needed to verify project completion. Staff will make status reports to the NNWPC and WRWC as necessary.

**Strategy:**

**FY 08-09**

- Interview and receive information from users of plan to gather input regarding usefulness and implementation, including TMRPA, Reno, Sparks and Washoe County Community Development Departments and Public Works Departments, TMWA, SVGID, STMGID and WCDWR. (February 28, 2009)
- Solicit information from other interested parties:
  - Send letters to service providers identified in Chapter 531, Statutes of Nevada, 2007 (531) that were not interviewed (February 28, 2009)
  - Receive information from the general public by working with TMRPA and the WC Q3 public forum(s) (March 31, 2009 or as scheduled by TMRPA).
- Review State, regional and local plans pertaining to water or land use, including the state water plan, the Truckee Meadows Regional Plan, water conservation plans and master plans. (March 31, 2009)
- Review plans from other regions for format and organizational ideas. (May 31, 2009)
- Report to NNWPC findings and recommendations regarding information received and plans reviewed. (June 30, 2009)

**FY 09-10**

- Review policies, chapters, maps, facility plans and other plans included in the 2004-2025 Washoe County Comprehensive Regional Water Management Plan as amended in 2006 and 2009:
  - ID review team and conduct review (September 30, 2009)
  - ID sections and topics needing work by outside entities and ID possible entities to do work. (September 30, 2009)
- Report to NNWPC findings and recommendations regarding plan review and recommendations for revisions. (September 30, 2009)
- Coordinate or retain as recommended by the NNWPC other entities to provide technical services necessary for making revisions or developing new sections. Services may include data gathering, analysis, modeling, GIS, editing, formatting and final document production. (November 30, 2009)
- Make revisions to existing sections and develop new sections as necessary to incorporate the results of ongoing projects, address additional plan elements required by 531, and address NNWPC direction, including periodic reports to, and workshops with, the NNWPC. (June 30, 2010)

**RECOMMENDATION**

Staff recommends that the NNWPC review the plan development strategy and recommend it to the WRWC as part of its work plan, either as written or with revisions.

JS:jd

# Northern Nevada Water Planning Commission

## STAFF REPORT

**DATE:** January 23, 2009  
**TO:** Chairman and Members, Northern Nevada Water Planning Commission  
**FROM:** Chris Wessel, Water Management Planner  
**THROUGH:** Jim Smitherman, Water Resources Program Manager  
**SUBJECT:** Discussion and possible approval of Scope of Work regarding website development and funding in an amount not to exceed \$10,594, and if approved, request the Program Manager to execute an interlocal agreement with Washoe County for the project.

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### **SUMMARY:**

Staff has received bids for the development of a website for the Western Regional Water Commission (WRWC) and the Northern Nevada Water Planning Commission (NNWPC). The lowest bid was submitted by the Washoe County Community Relations Department. As provided in the existing in-kind service agreement, the website is to be housed on the Washoe County server. The use of in-house Washoe County IT personnel for the website development is efficient in terms of updating/modifying the site and accessibility by staff for support services. It is also economical, as cost for staff services are significantly less than those of outside contractors. A total of four bids for the website development were obtained based on a Request for Proposal developed by staff. The bids range from \$9,214.95 to \$4,400.00.

In addition to the development of a website, Staff has also been asked to develop a communal work space where staff can share, review and comment on documents. This document sharing routine would be developed using SharePoint, a Microsoft productivity tool, or other similar product which would be accessible by all commission members and staff. The development of this site will require the expertise of a programmer with internal knowledge of, and access to, Washoe County's networking and server systems. Staff proposes to engage Dale Casale, a Washoe County Certified Microsoft Application Developer, from the Department of Water Resource to accomplish this task. Mr. Casale submitted a proposal to develop a web-based communal work space for cost of \$6,194.00. Due to the specialized skills and unique access requirements to complete this task, competitive bids were not requested for this scope of work.

### **COSTS:**

The following table outlines the costs associated with Washoe County Community Relations Department development of the website:

<b>Website Development Proposed Cost</b>			
<b>TASK</b>	<b>RATE</b>	<b>LABOR HOURS</b>	<b>TOTAL</b>
<b><i>Creative:</i></b>			
Design of look and feel for WRWC:	\$55.00	20	\$1,100.00
Design of look and feel for NNWPC: (based on similar look to WRWC)	\$55.00	15	\$825.00
<b><i>Site Function:</i></b>			
Installation of custom Content.* Management System (CMS) designed to run on County servers and adaptation To handle multiple look and feels.	\$55.00	30	\$1,650.00
Installation of Form Wizard automated form building tool	\$55.00	10	\$550.00
<b><i>Management:</i></b>			
Training on CMS	\$55.00	5	\$275.00
<b><i>Total Estimated Cost</i></b>		<b>80</b>	<b>\$4400.00</b>
* The above estimate assumes that content for the pages will be created by staff.			

The following table outlines the costs associated with the development of the document sharing application:

<b>Website Programming and Document Sharing Application Development Cost</b>			
<b>TASK</b>	<b>RATE</b>	<b>LABOR HOURS</b>	<b>TOTAL</b>
<b><i>Technology Services</i></b>			
Review of project requirements and viability coordinate options and security issues.	\$81.50	20	\$1,630.00
Server setup, verify issues of access and security mechanism	\$81.50	6	\$489.00
<b><i>Water Resources Tech Services (Programming)</i></b>			
Research and implement security methods for site access	\$81.50	25	\$2,037.50
Coordinate software setup	\$81.50	20	\$1,630.00
Implement document sharing; small user changes on deployment.	\$81.50	5	\$407.50
<b><i>Total Estimated Hours</i></b>		<b>76</b>	<b>\$6,194.00</b>

**STAFF RECOMMENDATION:**

Staff recommends the Commission review the scope of work and budget and, if acceptable, approve an expenditure in an amount not to exceed \$10,594.00 from the Regional Water Management Fund, and if approved, request the Program Manager to execute an interlocal agreement with Washoe County for the project.

# Northern Nevada Water Planning Commission

## STAFF REPORT

**DATE:** January 29, 2009  
**TO:** Chairman and Members, Northern Nevada Water Planning Commission  
**FROM:** June Davis, Administrative Secretary  
**SUBJECT:** Informational report regarding the Truckee Meadows Water Authority Standing Advisory Committee

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Barry Winzeler may update the Commission with a verbal informational report on the Truckee Meadows Water Authority Standing Advisory Committee.

# Northern Nevada Water Planning Commission

## STAFF REPORT

**DATE:** January 28, 2009  
**TO:** Chairman and Members, Northern Nevada Water Planning Commission  
**FROM:** Jim Smitherman, Water Resources Program Manager  
**SUBJECT:** Program Manager's Report

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Attached are the following updated reports for your review:

- 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) Listing of Bill Draft Requests (BDRs) (Short List) that may affect the NNWPC
- d) Truckee River Flood Management Project status report
- e) Update on the north Valleys Floodplain Management community Outreach Program and Letter of Map Revision for Silver Lake Playa – City of Reno

JS:jd:

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

Approved by Water Planning Commission	Approved by WRWC	Project Name	Contractor/Provider	Amount	Balance Remaining	Percent Complete	Target Completion Date	Notes
01/04/06	By BCC on 9/26/06	(DinSar) Groundwater Monitoring Program Using Satellite Radar Images	Dr. Gary Oppliger	42,000	29,358	30%	12/31/09	Archive of images (3 yr contract) through 12/31/09.
6/20/07	N/A	Water Plan & Hydrologic Criteria & Drainage Design Manual update - editing & formatting	Niki Linn	20,000	3,570	82%	12/31/08	The new title is: Truckee Meadows Regional Drainage Manual; draft is available at <a href="http://www.washoecounty.us/pubworks/engineering">www.washoecounty.us/pubworks/engineering</a>
8/15/07	N/A	Washoe Evapotranspiration (ET)	DRI (Desert Research Institute)	20,745	14,563	30%	12/31/09	(2 yr contract through 12/31/09)
11/7/07	4/11/08	River Restoration BMP Handbook & Website	Kennedy Jenks Consultants	49,640	8,306	83%	6/30/09	Work is in progress
11/7/07	4/11/08	Silver Lake Playa (LOMR) Public Education	City of Reno	77,072	39,776	48%	12/01/09	Work is in progress
6/4/08	6/13/08	North Valleys Initiative	City of Reno / Eco:Logic	172,448	89,283	48%	11/01/09	Work is in progress
6/4/08	6/13/08	TMDL Facilitation w/ Dave Ceppos	Cal State University Sacramento	142,500	142,500	0%	8/01/10	Work is in progress
6/4/08	6/13/08	TMDL Phase 1	City of Reno LimnoTech	197,500	160,785	19%	11/01/09	Work is in progress
8/6/08	9/12/08	2008 Water Usage Review Program	TMWA	61,700	0	100%	12/31/08	Final Invoice received.
N/A	7/11/08	SNCAT televise NNWPC meetings	SNCAT	4,500	1,125	75%	6/30/09	
N/A	7/11/08	SNCAT televise WRWC meetings	SNCAT	4,500	1,125	75%	6/30/09	
N/A	7/11/08	NNWPC	Niki Linn	\$40 / hour	8,320	N/A		
N/A	7/11/08	WMHB Minutes	Niki Linn	\$40 / hour	9,220	N/A		
N/A	11/7/08	Rhodes Law Offices, LTD	John Rhodes	144,000	120,000	17%	11/30/09	
11/5/08	12/12/08	Certified Landscape Technician Program	Nevada Landscape Association	8,120	8,120			Purchase Order being issued
11/5/08	12/12/08	Conservation Practitioner Certification Program & Training	American Water Works Association	25,000	25,000			Purchase Order being issued

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

02-04-09: NNWPC Agenda Item 10b

Run Date: 01/26/09  
Fund 766  
Period 1 thru 7 2009  
Report: 400/ZF15

<b>Accounts</b>	<b>Plan (Budget)</b>	<b>Actual (Revenue &amp; Expenses)</b>	<b>PO Commit (Remaining PO Balance)</b>	<b>Actual + PO</b>	<b>Available (Budget minus Actual + PO)</b>	<b>Avail% (of Budget)</b>	<b>PreCommit (PO's Requested)</b>	<b>Available (Budget minus PO Requisitions)</b>	<b>Avail% (of Budget minus all Commitments)</b>
** REVENUE	1,521,564.00-	805,773.75-		805,773.75-	715,790.25-	47-		715,790.25-	47-
701150 Contractual Wages	498,533	139,331.97		139,331.97	359,201.03	72		359,201.03	72
* SALARIES AND WAGES	498,533	139,331.97		139,331.97	359,201.03	72		359,201.03	72
710100 Professional Services	1,600,000.00	296,897.82	463,560	760,457.37	839,542.63	52		839,542.63	52
710115 Prof Eng Services		9,163.14		9,163.14	9,163.14-			9,163.14-	
710120 Legal Fees		72,000.00	120,000	192,000.00	192,000.00-			192,000.00-	
710149 Invest Pool Alloc Ex		1,158.56		1,158.56	1,158.56-			1,158.56-	
710200 Service Contract		10,911.65	76,374.89	87,286.54	87,286.54-			87,286.54-	
710355 Books and Subscriptions		10,000.00		10,000.00	10,000.00-			10,000.00-	
710509 Seminars and Meetings		5,135.40		5,135.40	5,135.40-			5,135.40-	
710546 Advertising		603.64	404	1,007.64	1,007.64-		1,248	2,255.44-	
711210 Travel		3,537.88		3,537.88	3,537.88-			3,537.88-	
* SERVICES AND SUPPLIES	1,600,000	409,408.09	660,338.44	1,069,746.53	530,253.47	33	1,248	529,005.67	33
** EXPENDITURES	2,098,533	548,740.06	660,338.44	1,209,078.50	889,454.50	42	1,247.80	888,206.70	42
<b>*** Total</b>	<b>576,969.00</b>	<b>257,033.69-</b>	<b>660,338.44</b>	<b>403,304.75</b>	<b>173,664.25</b>	<b>30-</b>	<b>1,247.80</b>	<b>172,416.45</b>	<b>30-</b>

# Northern Nevada Water Planning Commission

**DATE:** January 29, 2009  
**TO:** Chairman and Members, Northern Nevada Water Planning Commission  
**FROM:** Jim Smitherman, Water Resources Program Manager  
**SUBJECT:** Bill Draft Requests

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- 209 **Assembly Committee on Government Affairs** 8/01/2008  
Revises provisions governing the organization and accountability of certain local governmental entities that manage water resources.
- \*\*\*\*237 **Legislative Committee to Oversee the Western Regional Water Commission (SB 487)** 8/13/2008  
Encourages entities that are engaged in water quality monitoring to coordinate certain activities. **(See SCR2 Attached)**
- 238 **Legislative Committee to Oversee the Western Regional Water Commission (SB 487)** 8/13/2008  
Makes an appropriation to the Truckee River Flood Project to support ecosystem restoration activities.
- 239 **Legislative Committee to Oversee the Western Regional Water Commission (SB 487)** 8/13/2008  
Makes various changes to provisions governing flood control districts.
- \*\*\*\*240 **Legislative Committee to Oversee the Western Regional Water Commission (SB 487)** 8/13/2008  
Makes various changes to provisions governing the Western Regional Water Commission. **(See SB111 Attached)**
- 246 **Assemblywoman Kirkpatrick** 8/11/2008  
Makes various changes relating to planning and zoning.
- 359 **Conservation and Natural Resources, State Department of** 8/22/2008  
Clarifies provisions governing the Board for Financing Water Projects.
- \*\*\*\*360 **Conservation and Natural Resources, State Department of** 8/22/2008  
Establishes authority to award subgrants from the Drinking Water State Revolving Fund, Wellhead Protection and Clean Water Act Nonpoint Source programs. **(See SB37 Attached)**

- \*\*\*\*375 **Legislative Committee for the Review and Oversight of the Tahoe Regional Planning Agency and the Marlette Lake Water System (NRS 218.53871)** 8/26/2008  
 Authorizes the issuance of bonds for environmental improvement projects for Lake Tahoe for 2009-2019. **(See AB18 Attached)**
- 394 **Senator Care** 8/28/2008  
 Prohibits certain restrictions on the use of gray water.
- \*\*\*\*473 **Washoe County** 8/29/2008  
 Authorizes counties to prohibit use of private water or septic systems where available public water or sewer systems exist and provide a program to mitigate the costs of connection to the public system. **(See AB54 Attached)**
- Intent of BDR:** To clarify use of public funds for the public purpose of assisting with paying connection fees for public water/sewer systems where individual systems are failing and are failing or degrading water sources; specifically: amend of Chapter 244 of NRS to authorize the Board of County Commissioners to order a person with an individual sewage disposal system to connect to reasonably available municipal sewer if the property owner's system is failing or the system is demonstrably degrading a source of drinking water or increasing the costs of treating drinking water; and further, to authorize the County to use grants, gifts or water department funds to pay for the connection fees of those ordered to connect.
- \*\*\*\*502 **Legislative Committee on Public Lands (NRS 218.5363)** 9/01/2008  
 Revises provisions governing the awarding of grants to certain purveyors of water. **(See SB105 Attached)**
- 503 **Legislative Committee on Public Lands (NRS 218.5363)** 9/01/2008  
 Makes an appropriation to the State Engineer to develop a hydrologic database for water basins in Nevada.
- 534 **Senator Beers** 9/02/2008  
 Revises requirements for individual water meters in mobile home parks.
- 680 **Assemblyman Hogan** 11/19/2008  
 Revises provisions relating to conservation of water.
- 693 **Assemblyman Goedhart** 11/21/2008  
 Revises provisions relating to the rates of smaller public utilities that furnish water or services for sewage.

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\*\*\*\* Denotes Bill language is available (attached)

- 732 **Assemblyman Goicoechea** 12/10/2008  
Requires the completion of an inventory of an entire water basin before consideration of an interbasin transfer.
- \*\*\*\*22-750 **Assemblywoman Leslie** 12/11/2008  
Requires the Truckee Meadows Regional Plan to include policies that are based on identified and sustainable water resources within Washoe County. **(See AB119 Attached)**
- 848 **Senate Committee on Natural Resources** 12/15/2008  
Establishes parity in oversight of regional water authorities.
- 849 **Senate Committee on Natural Resources** 12/15/2008  
Provides for study of economic impact of water importation projects and development of a sensible water strategy.
- 887 **Assemblyman Bobzien** 12/15/2008  
Makes various changes concerning the state water policy.
- 924 **Senator Mathews** 12/15/2008  
Joint Requester: Assemblywoman Smith  
Requires the fluoridation of public water systems serving Washoe County.

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\*\*\*\* Denotes Bill language is available (attached)



# WASHOE COUNTY

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CM/ACM DMC  
 Finance N/A  
 DA N/A  
 Risk Mgt. N/A  
 HR N/A  
 Other N/A

## STAFF REPORT

**BOARD MEETING DATE: January 27, 2009**

**DATE:** January 7, 2009  
**TO:** Board of County Commissioners  
**FROM:** Naomi Duerr, P.G., Director, Truckee River Flood Management Project,  
 850-7420 nduerr@washoecounty.us  
**SUBJECT: Acknowledge Receipt of Truckee River Flood Management Project  
 Status Report for December 2008. (All Commission Districts)**

### SUMMARY

A status report on the activities related to the Truckee River Flood Management Project for the month of December 2008 is provided herein.

**County Priorities/Goals supported by this item:** Preserving natural resources. Promoting quality economic development; managing intermittent flooding events along the Truckee River, thereby protecting property, restoring habitat, improving water quality and promoting recreational uses.

### PREVIOUS ACTION

The most recent status report for October and November 2008 was presented to the Board of County Commissioners at the December 9, 2008 meeting.

### BACKGROUND

Below is a list of the primary activities that were accomplished in the month of December 2008 keyed to the Board's strategic priorities.

#### Improve Regional Collaboration

**Army Corps of Engineers Schedule** - At the December 12 FPCC meeting Roger Henderson, Corps Project Manager reported that the Truckee River Flood Project schedule had changed. Roger noted that the previous schedule developed during the Summer of 2008 lacked significant details for individual tasks and subtasks. He noted that the new schedule was developed with the participation of the full project team and is being used for project execution. The specific timeframe was not known yet and would require specific factors to be determined prior to reporting the new timeframe.

**Reno/Sparks Indian Colony (RSIC) Traction Project** - At the December 16<sup>th</sup> meeting, the Board of County Commissioners awarded the bid for the Reno-Sparks Indian Colony Traction Project Levee and Floodwall to Campbell Construction in the amount of

**AGENDA ITEM # 66(1)**

\$2,715,000. This action authorized the Chairman to execute the contract documents and authorized the Flood Project Director to negotiate and execute amendments to existing easements and permits necessary to complete the project. A groundbreaking event is set for January 29.

**Senator Ensign** - Senior Flood Project personnel met with Senator Ensign's Washington D.C staff along with staff from lobbyist Marcus Faust's office on December 3<sup>rd</sup> to brief them on the latest Flood project developments, including cost estimates and timelines as they currently stand with the Army Corps of Engineers (ACOE).

**Working Group** - The December 17<sup>th</sup> meeting included a review of the "Living River Plan" project elements Map Book with notations that the Corps was still in the design phase on some of the project features, which could ultimately result in amendments to the Locally Preferred Plan (LPP). In addition, Director Duerr commented that the Corps had submitted correspondence in support of Critical Flood Zone #1 and the proposed Flood Mitigation Resolution for a revised ordinance. In reference to the November 14<sup>th</sup> Board Retreat and the FPCC Board's request for a "parallel track" project, Director Duerr discussed the staff's proposal to rescope the project as a "Value Engineering" study for the global Flood Project costs per direction received at the Retreat. Ms. Duerr then discussed the development of a list of "shovel ready" projects which are ready to go should Washoe county receive any of the economic stimulus money for infrastructure currently under development by President-elect Obama and Congress.

### **Improve Government Efficiency and Financial Stability**

**Economic Stimulus Bill** - Director Duerr submitted a Flood Project list of ready-to-go projects for consideration should an economic stimulus bill be approved which includes infrastructure projects. The list was provided to Senator Reid's Office, Washington D.C. lobbyist Mia O'Connell, and the Nevada Association of Counties for possible inclusion in the Corps' portion of the economic stimulus bill. The total request is approximately \$240 million. The bill is a broad package expected to contain \$650 - \$850 billion of initiatives that Congress may act on in late January. Details of the plan and directions regarding eligibility are still being developed and should be available online in the near future.

### **Provide Excellent Public Services**

**Flood Awareness** - Flood Project Outreach and Public Information staff coordinated a Flood Awareness Campaign with Washoe County and the Cities of Reno and Sparks "flood involved" personnel. The primary venue for this year's Flood Awareness is television broadcast with secondary elements of radio and print. Both paid and unpaid messages began December 27<sup>th</sup> and will run through February. These messages are in lieu of a Flood Expo and provide cost-saving measures as compared to previous years. In addition, [www.floodawareness.com](http://www.floodawareness.com) is being updated on an ongoing basis to provide accurate easy-accessible information for the public.

**FISCAL IMPACT**

No fiscal impact - for information only.

**RECOMMENDATION**

Staff recommends that the Board acknowledge receipt of the Truckee River Flood Management Project Status Report for December 2008.

**POSSIBLE MOTION**

Should the Board agree with staff's recommendation, a possible motion would be: "Move to acknowledge receipt of the Truckee River Flood Management Project Status Report for December 2008."

# Northern Nevada Water Planning Commission

## STAFF REPORT

**DATE:** January 26, 2009  
**TO:** Chairman and Members, Northern Nevada Water Planning Commission  
**FROM:** Jim Smitherman, Water Resources Program Manager  
**SUBJECT:** Agenda items for the March 4, 2009 Commission Meeting

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1. Discussion and possible recommendation to the Western Regional Water Commission (WRWC) regarding a scope of work and funding request in an amount to be determined from the Regional Water Management Fund for the Truckee Meadows Water Authority's 2009 Water Audit Program, and possible direction to staff – Lora Richards, Truckee Meadows Water Authority.
2. Status report on River Restoration BMP Handbook with Kennedy Jenks Consultants
3. Program Manager's Report:
  - a. Status of projects and Work Plan supported by the Regional Water Management Fund
  - b. Financial report on the Water Management Fund
  - c. BDR's possibly affecting the NNWPC
  - d. Truckee River Flood Management Project status report
4. Informational report regarding Truckee Meadows Water Authority Standing Advisory Committee, Barry Winzeler.
5. Other Informational Items