

**NORTHERN NEVADA WATER PLANNING COMMISSION ("NNWPC")
AGENDA**

Wednesday, February 9, 2011
1:30 p.m.

PLEASE NOTE: CHANGE OF LOCATION

Washoe County Department of Water Resources
Community Meeting Room
4930 Energy Way
Reno, Nevada

1. Roll Call and determination of presence of a quorum.
2. Approval of agenda.
3. Approval of minutes from the November 3, November 17, and December 1, 2010 meetings.
4. Public Comments. * (Three-minute time limit per person.)
5. Presentation of status report on the Truckee River Water Authority ("TMWA")'s Glendale Diversion project, Ron Penrose, TMWA. *
6. Update on the Desert Research Institute's Evapotranspiration project; possible approval of scope of work for an Interlocal Agreement for funding maintenance of the project from the Regional Water Management Fund in an amount not to exceed \$10,000 for fiscal years 2011-2012 and 2012-2013; and, possible direction to staff, Jim Smitherman, Water Resources Program Manager.
7. Update on adoption of the 2011 – 2030 Comprehensive Regional Water Management Plan; discussion of proposed items for the fiscal year 2011 – 2012 NNWPC Work Plan, and possible direction to staff, Jim Smitherman.
8. Review and discussion of Bill Draft Requests, for the 2011 Nevada legislative session, that may affect the NNWPC, and possible direction to staff, John Rhodes, NNWPC Legal counsel.

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.nnwpc.us>, and the Western Regional Water Commission's (WRWC) website: <http://www.wrwc.us>

9. 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. Truckee River Flood Management Project status report
 - d. Informational report from the NNWPC representative on the Truckee Meadows Water Authority Standing Advisory Committee ("TMWA SAC")
10. Discussion regarding agenda items for the March 2, 2011 NNWPC meeting, and other future meetings, and possible direction to staff, Jim Smitherman.
11. Commission comments. *
12. Staff comments. *
13. Public Comments. * (Three-minute time limit per person.)
14. 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.

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**NORTHERN NEVADA WATER PLANNING COMMISSION
MINUTES**

Wednesday, November 3, 2010

The regular meeting of the Northern Nevada Water Planning Commission (“NNWPC”) was held on Wednesday, November 3, 2010 in the Washoe County Commission Chambers, 1001 East Ninth Street, Reno, Nevada.

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

Voting Members Present:

John Erwin, Chairman
Jerry Schumacher, Vice-Chairman
George W. Ball, Jr. (arrived at 1:34 p.m.)
John Flansberg
Mickey Hazelwood
John Jackson
Rosemary Menard
Darrin Price
Stan Shumaker (arrived at 1:39 p.m.)
Wayne Seidel (arrived at 1:35 p.m.)

Voting Members Absent:

Michael J. DeMartini

Non-Voting Members Present:

Staff Members Present:

Jim Smitherman
Chris Wessel
June Davis
John Rhodes, Legal Counsel

Non-Voting Members Absent:

John Bird
Mark Clarkson
Harry Fahnestock
Kelvin Hickenbottom
Jon Palm

- 2. Approval of the agenda.**

Commissioner Price made a motion to approve the November 3, 2010 NNWPC agenda as posted. Commissioner Menard seconded the motion, which carried unanimously.

- 3. Approval of the minutes from the October 6 and October 20, 2010 meetings.**

The minutes of the October 6, 2010 NNWPC meeting were submitted for approval. Commissioner Schumacher made a motion to approve the minutes as submitted. Commissioner Price seconded the motion, which carried unanimously.

The minutes of the October 20, 2010 NNWPC meeting were submitted for approval. Commissioner Price made a motion to approve the minutes as submitted. Commissioner Schumacher seconded the motion,

which carried unanimously.

4. Public Comments.

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

5. Discussion and appointment of the Northern Nevada Water Planning Commission representative, (currently Barry Winzeler), and alternate, (currently George Ball), to the Truckee Meadows Water Authority Standing Advisory Committee (“TMWA SAC”), and possible direction to staff, Jim Smitherman, Water Resources Program Manager.

Chairman Erwin stated that staff’s recommendation is to reappoint Barry Winzeler as the NNWPC representative on the Truckee Meadows Water Authority Standing Advisory Committee, with George Ball as his alternate.

Commissioner Price made a motion to accept staff’s recommendation. Commissioner Schumacher seconded the motion, which carried unanimously. Chairman Erwin asked Commissioner Ball if he was agreeable to the motion, which he stated he is.

6. Review all previously revised draft chapters of the 2011 Comprehensive Regional Water Management Plan; detailed review of the Introduction, and Chapters 1 and 2, and possible direction to staff, Jim Smitherman, Water Resources Program Manager.

Mr. Smitherman reported that new versions of Chapters 1 and 2 were distributed at the meeting. He added that the other chapters were previously provided to Commissioners in agenda packets. He briefly reviewed the changes that have been made and welcomed questions or comments from Commissioners.

Chairman Erwin clarified that the new and recently revised chapters include the Introduction, Chapter 1 and Chapter 2. Mr. Smitherman briefly reviewed some of the edits that had been made since the last meeting. He reviewed the Introduction and stated that he incorporated suggestions from the last meeting, such as providing a history of the Regional Water Planning Commission and the Northern Nevada Water Planning Commission.

Commissioner Price asked for clarification that Mr. Smitherman is working with the other planning agencies on the issue of "consistency". Mr. Smitherman stated that the language came directly from the law. Mr. Rhodes offered to work with Mr. Smitherman on language reflecting that the Act became effective April 2008.

Commissioner Menard referred to conversations from the last meeting regarding the financial analysis and stated that the Plan does not allocate any of the projects to a specific agency.

Mr. Smitherman reviewed the following edits made to chapters since the last NNWPC meeting based on comments from members via e-mail and at the meeting.

Policy 1.1.b

NRS 540.131 through NRS 540.151, requires all purveyors of water for municipal, industrial, or domestic purposes, with the exception of certain smaller purveyors, to submit the water conservation plans with the Department of Conservation and Natural Resources for compliance review and approval ~~and adoption by the State~~. 2005 Amendments to NRS 540.131 require conservation plans to be updated every five years.

Policy 1.2.a

TMWA, in its 2010-2030 Water Resource Plan re-evaluated its drought planning criteria and reaffirmed its prior findings and conclusions regarding drought ~~“Based on comparable methods to flood”~~ planning. The historic drought from 1987 to 1994 is the most severe record of repetitive low precipitation and snow-pack run-off years in the one hundred plus years of keeping record ~~and the statistical methods developed for this plan, planning for the 8 year event with today’s resources is more than adequate to meet expected drought frequencies...of 1987—1994 plus a repeat of 1987 hydrology...”~~

Mr. Smitherman reported that the following explanatory paragraphs from TMWA’s 2010-2030 Water Resource Plan were added.

TMWA, in its 2010-2030 Water Resource Plan re-evaluated its drought planning criteria and reaffirmed its conclusions:

“TMWA’s current resources and continued dedication of river rights will allow TMWA to meet a demand of 119,000 acre-feet under TROA implementation or 113,000 acre-feet without TROA based on the historic drought from 1987 to 1994; this 8-year drought was the most severe on record. Without TROA a 9-year drought design will support a demand of 110,000 acre-feet. Use of a more stringent drought cycle design, without data to support it, ultimately reduces the use of available resources and burdens the region with the cost requirement to replace the lost resource. Using the 9-year drought design (1987-1994 plus a repeat of 1987 hydrology) preserves the opportunity for the local community to continue to develop in an orderly fashion without necessitating unreasonable and unnecessary interruptions during the next few years before TROA is implemented, which is projected to meet demands of 119,000 acre-feet annually.

The TMWA Board approved the following recommendation:

“(1) until TROA is implemented and recognizing that although demands could expand through the continued conversion of irrigation water rights, TMWA will base its planning to municipal to 113,000 acre-feet annually using an 8-year drought period use but manage demands to 110,000 acre-feet based on a 9-year drought period and (2) continue review of the performance of and possibly change its planning this standard based on changes in future conditions factors such as demand growth, conservation improvements, hydrologic cycles, climate changes, etc. and update the Board should future conditions change.”

Policy 4.2.a

Sec. 51. 1. Except as otherwise provided in subsection 2, on and after the date the initial Comprehensive Plan is finally approved, no ~~alternative or~~ facility intended to provide a service relating to a subject of the Comprehensive Plan within the planning area may be constructed, if the facility is of such a kind or size as ~~solution to the situation~~ is expected to affect the working of the Comprehensive Plan as distinct from providing normal service to customers, unless it is included in the Comprehensive Plan or has been reviewed and approved as provided in subsection 3 ~~Regional Water Plan within the Planning Area~~.

Policy 4.2.b

The WRWC shall address ~~become involved in~~ a water-related matter, consistent with its purposes, powers and responsibilities as described in the Act, ~~at the recommendation of the NNWPC or one of~~

~~its member agencies, or at its discretion when a regional problem exists or when a proposed alternative or facility solution to the situation is expected to affect the working of the Regional Water Plan.~~

Chairman Erwin offered a suggestion to condense Table 9-1 and Table 9-2, as well as to number the items for ease in locating them. Mr. Smitherman explained that Table 9-2 is a summary of the proposed action items. He stated that from that list, items requiring work by the NNWPC or the WRWC in the next five years comprise Table 9-1, which will be used to compile Work Plans.

Commissioner Menard expressed her concern over the number of proposed action items. She suggested perhaps having a report every five years that lists all the projects; however, only including some of the top priority projects. She also suggested providing a more open ended description of the action needed.

7. 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 feel free to ask questions, make comments, or request additional information.

a. Status Report of Projects and Work Plan supported by the Regional Water Management Fund

The updated Status Report of Projects was provided in the agenda packets.

b. Financial report on the Regional Water Management Fund

The updated Status Report of Projects was provided in the agenda packets.

c. Truckee River Flood Management Project status report

d. Informational report from the NNWPC representative on the Truckee Meadows Water Authority Standing Advisory Committee (item pulled because no TMWA SAC meeting was held)

Barry Winzeler provided a brief overview of the SAC meeting of November 2, 2010. He stated the focus of the meeting was the TMWA/DWR integration, which is moving forward. He stated some of the items for consideration included the timing, the position of both agencies to merge, ensuring no adverse impact to customer rates and new growth. He added that a very detailed financial analysis of both agencies is being developed due to decreased water sales of both utilities of the last few years. A third party will review the financial analysis upon completion. The entities are examining "creative financing" to eliminate the need for DWR to refinance its debt.

Commissioner Price thanked Mr. Winzeler and asked if there was discussion on how the entities will develop similar rate schedules, as required by the interlocal agreement. Mr. Winzeler stated that issue was not discussed; however, the next SAC meeting will focus on the financial package.

8. Discussion and possible direction to staff regarding agenda items for the November 17, 2010, Commission meeting and future meetings.

Commissioner Price requested an agenda item to acknowledge Wayne Seidel's work on the NNWPC over the years.

Mr. Smitherman stated that agenda items for the following meeting include:

- Review all previously revised draft chapters of the Water Plan, including presentation of all the appendices, figures and tables. Chairman Erwin requested replacement pages only, as opposed to a new printed copy of the Water Plan. He also requested that staff send Chapter 8 to commissioners in Word format for editing.
- Resolution of Appreciation for Wayne Seidel
- Program Manager's Report
 - Status Report of Projects and Work Plan supported by the Regional Water Management Fund
 - Financial report on the Regional Water Management Fund
 - Truckee River Flood Management Project status report

Commissioner Flansberg made a motion to approve the agenda items as suggested. Commissioner Price seconded the motion, which carried unanimously.

9. Commission Comments.

Chairman Erwin mentioned that discussion is occurring over the possibility of merging the Regional Transportation Commission ("RTC"), the WRWC and the Regional Planning Governing Board ("RPGB"). He asked if the issue should be brought forward to this group. Commissioner Menard reported that there is an agenda item for the November 12, 2010 WRWC meeting. She stated that the RPGB requested examining a merger of the three entities.

Commissioner Price asked how the City of Sparks Public Works position on the NNWPC would be filled. Commissioner Menard suggested possibly sending a letter to City of Sparks inviting a new representative.

10. Staff Comments.

None

11. Public Comments.

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

12. Adjournment.

With no further business, the meeting was adjourned at 3:19 p.m.

Respectfully submitted by,

Niki Linn, Recording Secretary

Approved by Commission in session on _____ 2011.

John Erwin, Chairman

**NORTHERN NEVADA WATER PLANNING COMMISSION
MINUTES**

Wednesday, November 17, 2010

The regular meeting of the Northern Nevada Water Planning Commission (“NNWPC”) was held on Wednesday, November 17, 2010 in the Washoe County Commission Chambers, 1001 East Ninth Street, Reno, Nevada.

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

Voting Members Present:

John Erwin, Chairman
Jerry Schumacher, Vice-Chairman
George W. Ball, Jr. (arrived at 1:34 p.m.)
Michael J. DeMartini
Mickey Hazelwood
Rosemary Menard
Wayne Seidel (arrived at 1:36 p.m.)
Stan Shumaker

Voting Members Absent:

John Flansberg
John Jackson
Neil Krutz
Darrin Price

Non-Voting Members Present:

Staff Members Present:

Jim Smitherman
Chris Wessel
June Davis
John Rhodes, Legal Counsel

Non-Voting Members Absent:

John Bird
Mark Clarkson
Harry Fahnestock
Kelvin Hickenbottom
Jon Palm

- 2. Approval of the agenda.**

Commissioner Menard made a motion to approve the November 17, 2010 NNWPC agenda as posted. Commissioner Ball seconded the motion, which carried unanimously.

- 3. There are no minutes for approval.**

- 4. Public Comments.**

Chairman Erwin called for public comments. He stated that he had a speaker request card from Peter Gower, Truckee Meadows Regional Planning Agency (“TMRPA”) related to agenda item 6, which would be heard at that time. He called for further public comments and hearing none, closed the public comment period.

- 5. Presentation of Resolution of Appreciation to Wayne Seidel in recognition of his exemplary service to the NNWPC, John Erwin, Chairman.**

Chairman Erwin read into the record NNWPC Resolution No. 10-01 “In support of recognizing Wayne Seidel’s contribution to Regional Water Management in the Truckee Meadows”. Chairman Erwin added his own thanks to Mr. Seidel for his work over the last 16 years. Mr. Seidel thanked members and staff and stated he enjoyed being a part of the water planning effort.

Commissioner Menard made a motion to approve Resolution 10-01. Commissioner Ball seconded the motion, which carried unanimously. Members applauded Mr. Seidel.

6. Review and discussion of all previously revised draft chapters and Introduction of the 2011 Comprehensive Regional Water Management Plan, presentation of Appendices and possible direction to staff, Jim Smitherman, Water Resources Program Manager.

Mr. Smitherman referred to the staff report provided to Commissioners and stated that he would provide a brief overview of the edits made to chapters 1, 2, 4, 6, 8 and 9.

Mr. Smitherman referred to the following edits:

Chapter 1:

- Policy 1.1.b, phrase, “...with the exception of certain smaller purveyors, to *submit* (replace “file”) water conservation plans with the Department of Conservation and Natural Resources *for review and approval for compliance*. Chairman Erwin suggested the edit.
- Policy 4.1.c – Chairman Erwin invited Peter Gower to speak on this item. Mr. Gower stated that TMRPA is concerned with the change from “The use of the Washoe County Consensus Forecast (*or other agreed upon forecast methodology*) ...” He explained that the Regional Plan is based on the Consensus Forecast, with which the Regional Water Plan must be consistent. Chairman Erwin stated that the Water Plan is updated every five years; he added that if the Consensus Forecast changes, the Plan would be updated to reflect the new information.

Commissioner Menard asked if the bulleted items are necessary. Mr. Gower stated that the 2010 Consensus Forecast has been adopted; the next update will be made in 2012. He added that the Regional Planning Governing Board (“RPGB”) states that if the Consensus Forecast is not adopted, the State Demographer’s information would be used. Commissioner Menard explained that when the Consensus Forecast is updated in 2012, the NNWPC will have to agree that sustainable water resources are available to meet the new projected population. Commissioners agreed to delete the bullet items, which satisfied Mr. Gower’s concerns.

- Policy 3.1.a – Mr. Smitherman pointed out the edits made to the discussion portion of the policy. Commissioner Menard referred to the policy language “The NNWPC will, after its review and approval”, and suggested defining or clarifying the statement. John Rhodes stated that the language comes from the Act, Section 42; however, he offered to work with Mr. Smitherman to better define the statement. Chairman Erwin added that the statement implies “adoption”.

Chairman Erwin next referred to the last sentence of the policy, “local governments adopt and implement the plan” and asked if that is correct. Commissioner Menard stated she sees a disconnect in the policy related to flood plain management. Mr. Smitherman stated that the Flood Project wants the policies related to flood management included in the Regional Water Plan. Commissioner Ball stated that the responsibilities of the NNWPC include “supply of municipal and industrial water, quality of water, sanitary sewerage, and treatment of sewage, drainage of storm waters and control of floods.” He added that the Flood Plan should be in conformance with the Water Plan. Commissioner DeMartini agreed with Commissioner Ball that the Flood Project is an important component of the Water Plan and added that it ties into water supply, wastewater and other aspects. He asked about the definition “build out of the watershed”. Mr. Smitherman explained that “build out” refers to all allowable properties being built as planned and zoned.

Commissioner Menard asked if the NNWPC has reviewed the Flood Management Plan. Mr. Smitherman stated that it has not yet been developed but is a requirement of the Army Corps of Engineers (“Corps”) Plan. He added that the Regional Water Planning Commission (“RWPC”) developed a draft Flood Plain Management strategy. Commissioner Menard asked if the Flood Project Technical Advisory Committee (“TAC”) is actively engaged in the process and if flood plain management is a statutory requirement of the Water Plan. Mr. Smitherman stated it is required, as was set up under the RWPC because the Flood Project was a division of Washoe County.

Commissioner Menard agreed with Commissioners Ball and DeMartini’s comments related to consistency between the Flood Plan and Water Plan. She suggested further definition of the role of the NNWPC.

- 3.1.b – Chairman Erwin referred to “elevations in Critical Flood Zone 1” and suggested adding “as experienced during the 1997 flood”. Mr. Smitherman clarified that the Critical Flood Zones were developed by the Flood Project and approved by City of Reno.

Commissioner Ball asked about the definition and use of “the 117 year”. Mr. Smitherman explained that the 1997 flood was determined to be a one in 117 year flood event. He agreed that the reference could be changed to “the 1997 flood”.

Chairman Erwin referred to the last sentence of the policy regarding coordination between Flood Project staff and appropriate local and regional government agencies and asked if the sentence is necessary. Commissioners Menard and Seidel agreed that the sentence was not needed.

Chairman Erwin referred to the last sentence, “The five-acre size limitation is expected to be reviewed by the communities in the future.” He asked if “communities” refers to local jurisdictions. Mr. Smitherman stated that Flood Project staff is meeting with the Corps today so could not be present; however, he offered to clarify the statement.

- 3.1.c – Terri Svetich, City of Reno, distributed copies of Policy 3.1.c with proposed edits relating to Flood Plain Storage outside of the Truckee River Watershed. Ms. Svetich briefly reviewed the proposed edits. Much discussion ensued, the highlights of which include:
 - “Impacts to drainageways and *hydrologically sensitive areas*” – discussion included whether wetlands, perennial and ephemeral streams and drainageways are considered hydrologically sensitive areas. Mr. Rhodes suggested adding, “which include...without limitation”.
 - Ms. Svetich explained that the intent of the additional language was to clarify the policy. Commissioner Schumacher asked why only City of Reno was included. Ms. Svetich stated it was simply used as an example.
 - Walt West, Washoe County, stated that County Code does not address volumetric measures. He recommended that staff discuss the Policy language in further detail following the Stormwater Permit Coordinating Committee (“SWPCC”) meeting the following day.
 - Commissioner Menard stated she appreciates the detail; however, she felt that sometimes “less is more”. She suggested possibly deleting all of the bullets. Commissioner Shumaker stated that staff’s intent was to include current information. Commissioner Menard agreed that is a good point; however, she added that a developer does not go the Water Plan for codes or ordinances. She suggested that the language might be more appropriately included as “criteria, discussion or narrative”.
 - Mr. Smitherman agreed to meet with the SWPCC to further define the policy language.

Chapter 2:

- Commissioner Menard referred to Table 2-3, “Environmental – Conversion not likely as intended for temporary use”. She suggested adding an explanation of environmental use being intended as

temporary. Mr. Smitherman agreed to add an explanation.

- Mr. Smitherman referred to the other edits that were made based on direction at the last meeting.

Chapter 4:

- Section 4.6.4 – Mr. Smitherman briefly explained the edits. Chairman Erwin referred to the fourth paragraph and made a couple of minor revisions to read, “Members of the Monitoring Subcommittee to the SWPCC began collecting quarterly data in March 2003 through September 2010 under this Plan, in the four tributaries involved in this program.”
- Mr. Smitherman reported that updates were made to the section based on information from the Truckee River Information Gateway (“TRIG”), which was provided by City of Reno staff.
- Commissioner DeMartini referred to Figure 4-5 and suggested that it should reference “Kjeldahl” Nitrogen. He suggested perhaps adding “Nitrates” to the chart. Mr. Smitherman offered to follow up with the source of the information. Commissioner Shumaker referred to the total maximum daily loads (“TMDLs”) and offered to check the numbers for consistency.

Chapter 6:

Mr. Smitherman explained that a few edits were made to Chapter 6. He added that “Table 6-6 – Regional Water Balance Key Findings” was moved from the appendix into Chapter 6.

Chapter 8:

- Chairman Erwin stated that overall the financial chapter is much better than in the past.
- Summary and Findings – Chairman Erwin referred to the fourth paragraph and suggested removing the sentence, “Anticipated “typical costs” per equivalent residential unit are also estimated to approximate the projected financial impact to persons within the Planning Area.”
- Chairman Erwin referred to the last paragraph of the Introduction and suggested it be moved to the Summary and Findings section. He also suggested adding a table for “new” fees. Commissioner Menard reiterated her suggestion to mention the value of the resource.
- Commissioner Seidel referred to the sentence, “Roughly \$50 million per year should be reinvested to maintain the existing water and wastewater utility assets.” He asked if there is an associated “life cycle”. Mr. Enloe stated that approximately 1 to 2% is typical.
- Chairman Erwin referred to the phrase, “...approximately \$300 per year, or \$25 per month per ERU”, and asked whether those costs are already in place or new. Mr. Enloe explained that it depends on the utility. Chairman Erwin offered to meet with Mr. Smitherman to further define the language.
- Commissioner Menard referred to Table 8-1 and stated that comparing numbers between Washoe County and TMWA is like comparing apples and oranges. Mr. Enloe added that Table 8-8 makes a reasonable comparison. Commissioner Menard reiterated that the reader and customer needs to understand the asset value of the water and sewer system and added that it needs to be included in the Executive Summary. She added that it should be stressed that it is very important to reinvest in infrastructure.
- Commissioner Menard referred to Table 8-2 and asked Commissioner Shumaker if the numbers are reasonably logical. Commissioner Shumaker agreed that reinvesting in infrastructure is necessary to grow; existing customers are responsible for maintaining the systems for new customers.
- Chairman Erwin referred to Table 8-4 and suggested that Water Supply, Treatment and Distribution should be collapsed into one line. Mr. Enloe agreed to work with Chairman Erwin on the table.

Chapter 9: Mr. Smitherman reported that in working with TMWA, some minor changes were made to Tables 9-1 and 9-2.

Mr. Smitherman reported that appendices would be as follows:

- Appendix A Chapter 531 Statutes of Nevada, 2007
- Appendix B Glossary – Mr. Smitherman stated that the Glossary requires a few revisions, i.e. updates to NRS 540A.
- Appendix C List of Facilities Found in Conformance with the Regional Water Plan – Chairman Erwin stated that the last Plan Update included by reference, documents such as the Truckee Meadows Service Area (“TMSA”)/Future Service Area (“FSA”) Facility Plans, TMWA’s 2030 Water Resource Plan and other Facility Plans and asked if those should be included on the Conformance list. Commissioner Menard suggested adding the phrase, “are deemed to be in conformance”. She added that a reference could be made as to where the document could be found. Mr. Rhodes added that the Water Plan is based on facility plans and are thereby included by reference. Commissioner Menard made a motion that, “The facility plans are deemed to be in conformance with the Regional Water Plan.” Mr. Rhodes offered to work on the language.

Commissioner DeMartini stated that he is confused and did not think it was the NNWPC’s job to deem TMWA’s Water Resource Plan to be in conformance. Mr. Rhodes read from the statute, the type of facility for conformance review are those of a kind or size to effect the working of the Comprehensive Plan as distinctly providing normal service to customers. He stated that the language needs to be further defined regarding facility plans that are referenced or incorporated in the Water Plan. He reiterated that he would work with Mr. Smitherman on the language.

- Appendix D Washoe County Question 3
- Appendix E Preliminary Assessment Reviews (Based on the TMWA / DWR Integration)
- Appendix F TMWA’s Rule 7
- Appendix G Findings and Recommendations regarding Landscape Ordinances
- Appendix H Implementation of Programs related to Outdoor Watering Programs
- Appendix I TMWA’s 2030 Water Resource Plan

Commissioner Schumacher referred to page 2 of Appendix C, the Capital Improvements Program, and requested clarification that the Caramella Ranch Segment would be developer paid.

Commissioner Seidel referred to Chapter 5 and stated that having served on the Flood Project TAC, as well as from personal experience, it is best to refer to “levees” as flood structures. He explained that the Federal Emergency Management Agency (“FEMA”) had an issue with approving “levees”. Mr. Smitherman asked for clarification of using “flood structures” and “flood walls”. Commissioner Seidel stated that the only existing structure that was approved as a levee to date was the Reno-Sparks Indian Colony Levee.

Chairman Erwin summarized that the intention is that the Water Plan will be finalized and distributed by the December 1, 2010 meeting. He added that the edits suggested today would be included and sent electronically to Commissioners.

7. Discussion regarding agenda items for the December 1, 2010, Commission meeting, dates and agenda items for future meetings including the required public hearing on the 2011 Comprehensive Regional Water Management Plan, and possible direction to staff, Jim Smitherman.

Mr. Smitherman referred to the staff report for the proposed agenda for December 1, 2010. He asked for suggestions on whether discussion of the Water Plan should be allowed prior to the Public Hearing. Mr. Rhodes offered to review previous agendas for the procedure on a Public Hearing. He suggested that discussion could be held prior to opening the Public Hearing.

Mr. Rhodes stated that there could be a work session first on the agenda, followed by the Public Hearing at 1:30 p.m. Chairman Erwin suggested beginning the meeting at 1:00 p.m. to allow for the Work Session.

Commissioner Menard requested discussion of how the Regional Water Plan should be presented to the Western Regional Water Commission ("WRWC") on December 10, 2010. She suggested a presentation to the WRWC by NNWPC members. She also suggested making it a joint meeting of the WRWC and NNWPC. Chairman Erwin asked if hard copies of the Plan need to be available for the Public Hearing. Mr. Smitherman stated that a couple of copies should be available as a public convenience. He added that following adoption of the Water Plan at the NNWPC Public Hearing, the Water Plan gets delivered to the County Clerk's office for a 30-day review period.

Chairman Erwin asked Commissioner Menard what she envisions as the presentation. She suggested that a brief overview of each chapter, the action items, and significant findings of the Water Plan should be presented by the NNWPC and/or staff. She added that a PowerPoint presentation of the high points could be developed for presentation to the WRWC.

Commissioner Ball stated that he agreed that such a presentation to the WRWC would be beneficial with the NNWPC present. Mr. Smitherman agreed to develop a brief presentation. Chairman Erwin suggested it should include the Policies, Chapter 9 Action Items, Chapter 8 Financial Summary, Regional Water Balance and maps.

Chairman Erwin summarized the items for the December 1, 2010 NNWPC meeting. Commissioner Menard made a motion to eliminate the Program Manager's Report and to approve the remaining agenda items as discussed. Commissioner DeMartini seconded the motion, which carried unanimously.

8. Commission Comments.

Chairman Erwin commended staff for the outstanding job done on the Regional Water Plan.

9. Staff Comments.

None

10. Public Comments.

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

11. Adjournment.

With no further business, the meeting was adjourned at 4:00 p.m.

Respectfully submitted by,

Niki Linn, Recording Secretary

Approved by Commission in session on _____ 2011.

John Erwin, Chairman

**NORTHERN NEVADA WATER PLANNING COMMISSION
MINUTES**

Wednesday, December 1, 2010

The regular meeting of the Northern Nevada Water Planning Commission (“NNWPC”) was held on Wednesday, December 1, 2010 in the Washoe County Commission Chambers, 1001 East Ninth Street, Reno, Nevada.

- 1. Roll Call and determination of presence of a quorum** – Chairman Erwin called the meeting to order at 1:00 p.m. There was a quorum present.

Voting Members Present:

John Erwin, Chairman
Jerry Schumacher, Vice-Chairman
George W. Ball, Jr.
Michael J. DeMartini (arrived at 1:34 p.m.)
John Jackson
Neil Krutz
Rosemary Menard
Darrin Price
Stan Shumaker

Voting Members Absent:

John Flansberg
Mickey Hazelwood

Non-Voting Members Present:

John Bird (arrived at 1:15 p.m.)
Jon Palm

Non-Voting Members Absent:

Mark Clarkson
Harry Fahnestock
Kelvin Hickenbottom

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 December 1, 2010 NNWPC agenda as posted. Commissioner Price seconded the motion, which carried unanimously.

- 3. There are no minutes for approval.**

- 4. Public Comments.**

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

- 5. Final review of the 2011-2030 Comprehensive Regional Water Management Plan, and possible direction to staff.**

Chairman Erwin reported that Chapters 1 through 8 were presented to Commissioners for final review and that comments would be accepted today. He added that some additions were distributed at the meeting. He invited Mr. Smitherman to present this item. Mr. Smitherman provided a brief overview of the revisions that were made since the last meeting. He stated that direction was provided to staff at the last meeting to discuss Policy 3.1.c with the Storm Water Permit Coordinating Committee. He added that

the results of the discussion are reflected in the revision.

Mr. Smitherman reported that staff worked with John Rhodes, Legal Counsel on Policy 4.1.a regarding conformance reviews for facility plans. He stated that Mr. Rhodes revised the language to reflect the existing Western Regional Water Commission ("WRWC") Act, rather than its predecessor, Nevada Revised Statute 540A. Chairman Erwin asked Mr. Rhodes to briefly explain his revisions.

Mr. Rhodes stated that the purpose of this policy is to bring facility plans of a certain kind or size that affect the working of the Regional Water Plan ("RWP") for review by the NNWPC and for inclusion in the RWP. He stated that another revision was the addition of Appendix D, which is a list of the facility plans or other source documents referenced in the RWP.

Commissioner Menard referred to the statement that a facility plan (as opposed to a study) that is funded in whole or in part by the Regional Water Management Fund ("RWMF") shall be subject to conformance review and asked for an instance, if the Storm Water Management Plan would be included (since it is not an actual facility plan). Mr. Rhodes stated that is a good question and explained that he took the word "study" out to be consistent with the Act; and added that we need to use our best judgment on such issues.

Mr. Smitherman stated that the Storm Water Management Plan is not complete at this point. Mr. Rhodes suggested including it as a "future document" under source documents. Commissioner Menard asked whether amendments or revisions to such plans would come before the NNWPC for review. She asked if the criteria should be changed to include more than facility plans only, such as programs. Mr. Rhodes stated he believes that the word "facility" is broad enough in its definition. Commissioner Menard suggested adding a definition of "facility".

Mr. Smitherman stated that the glossary includes a definition of "facility", which was taken from the law. He read the definition, "Pursuant to the Act, and for the purposes of the Regional Water Plan, facilities means flood control, storm drainage, wastewater, or water infrastructure, including but not limited to..." Mr. Rhodes reiterated that he believed the term facility is sufficiently broad. Commissioner Menard stated that the last Storm Water Management Plan included items such as best management practices, which do not pertain to storm drains or other facilities. She summarized that she is a bit concerned with the lack of specificity. Mr. Rhodes offered to work with staff to clarify the definition. Commissioner Menard suggested including related programmatic approaches that implement regulatory or other program direction related to the facilities. Chairman Erwin stated he thought the suggested additions might be going too far and that the policy relates to facilities.

Mr. Rhodes suggested an alternative of removing the third bullet as he did not believe it was necessary. Commissioner Ball stated that in his years of experience, such a study or plan was a precursor to a facility. He stated that he is concerned with the lack of communication between the NNWPC and the Flood Project. Commissioner Price stated that he believed if a project or program is funded by the RWMF, it needs to be included and summarized that he thought the third bullet was needed.

Mr. Smitherman continued with his review of minor revisions to policies in Chapter 1. He directed Commissioners to the edits made to Chapters 3, 4 and 5. Commissioner Shumaker referred to some further references to "levee" that should be changed to "flood structure". Mr. Smitherman agreed to further review the chapter and make it consistent. Hearing no further questions or comments he referred to a revised version of Chapter 8 and explained some of the edits. Commissioner Price referred to Table 8-5, which is missing a footnote. Mr. Smitherman agreed to make the correction. Commissioner Shumaker referred to the second footnote on Table 8-8 and the reference to the shared capacity of Truckee Meadows Water Reclamation Facility ("TMWRF"), which he did not believe was correct and suggested removing the footnote. Mr. Smitherman stated that the consultant was directed by

Commissioner Seidel and JoAnn Meacham to include the footnote. Mr. Smitherman offered to remove the footnote if Commissioner Krutz agreed. Commissioner Krutz stated that if Mr. Seidel and Ms. Meacham were agreeable to the footnote, it should be left as is. Commissioner Shumaker suggested removing, "Reno's \$1 billion asset value projections", with which Commissioner Krutz agreed. Chairman Erwin clarified that the footnote would read, "estimated values based on Sparks 31.37% share of TMWRF value and assumed 1% to 2% R&R funding level."

Commissioner Menard referred to Table 8-1 and summary Table 8-8 and stated that she believes the developer fee number for Washoe County is "out of whack". She stated she would like to discuss the numbers with the consultant prior to finalization. She clarified that the table reflects that Washoe County will receive \$60.6 million in developer fees over the next five years, which is not comparable to the other jurisdictions.

Chairman Erwin stated that this item needs to be closed in order to open the Public Hearing, which is time specific. He asked if a motion was desired on the edits suggested. Mr. Rhodes stated that discussion could continue under the Public Hearing item as well.

Commissioner Price made a motion to adopt the suggested edits to the 2011-2030 Comprehensive Regional Water Management Plan from today's meeting. Commissioner Menard seconded the motion, which carried unanimously.

6. 1:30 p.m. Public Hearing on the 2011-2030 Comprehensive Regional Water Management Plan.

Chairman Erwin opened the Public Hearing at 1:35 p.m. He publicly welcomed Neil Krutz, as the new City of Sparks's representative on the NNWPC.

Chairman Erwin commended staff on providing a full document into which a lot of work went. He asked Commissioner Menard to repeat her comments on Tables 8-1 and 8-8. Commissioner Menard stated that the numbers reflect that Washoe County will receive over \$60 million in developer fees over the next five years, which is not comparable to the other jurisdictions area and she reiterated that she would like to speak with the consultant regarding the numbers with permission to make revisions as necessary. Mr. Rhodes stated that a motion to adopt the Water Plan could be made with the caveat that the numbers will be verified with the consultant.

Chairman Erwin stated that the entire plan is open for further review and comments from Commissioners. Hearing none, he invited comments from the public.

Chairman Erwin stated that the last section of the RWP for review is the Executive Summary, which is being presented to the NNWPC for the first time. Commissioner Krutz referred to page 18, which references a hypothetical development project in the Patrick area and asked why it was included in the RWP. Mr. Smitherman explained that it was used as an example of what could be done using expanded uses of effluent water. Commissioner Krutz thanked Mr. Smitherman for the explanation. Mr. Rhodes clarified that if the project proceeds it would come before the NNWPC for conformance review.

Mr. Smitherman reported that the Executive Summary consists of four parts:

- The Introduction, which is a summary of the RWP Introduction
- Policies, which summarizes the Policies from the RWP
- Findings, which summarizes the Findings from the different chapters of the RWP
- Issues and Action Items, which are summarized in Tables 9-1 and 9-2. Mr. Smitherman reported that there are 19 action items included on Table 9-1, each of which is briefly summarized in this

section. Chairman Erwin asked if they are action items for the WRWC or the NNWPC. Mr. Smitherman stated they are the items that would comprise the five-year work plan for the NNWPC and the WRWC.

Chairman Erwin asked if the proposed Action Items were being forwarded to the WRWC if it would be useful to identify which are their responsibilities. Mr. Smitherman agreed that it would and offered to add that identification. Commissioner Menard suggested adding a different bullet symbol to distinguish which are responsibilities of the WRWC.

Chairman Erwin asked if the Executive Summary would include graphics. Mr. Smitherman stated not given the time constraints. Chairman Erwin clarified that this Executive Summary would be a part of the RWP. Commissioner Menard suggested that a standalone document (a public communication piece) could be developed in the near future that would include graphics and be more user friendly.

Commissioner DeMartini agreed that the Executive Summary should be part of the RWP and asked when the next update would be due. Mr. Smitherman stated five years. Commissioner DeMartini suggested perhaps having annual public status report that is more user friendly. He commended staff for their work on the RWP and stated he believed it came together very well and is a good document.

Commissioner Ball agreed that the Executive Summary should be included in the RWP and also agreed that a user-friendly separate document should be developed. He suggested a future agenda item to possibly hire a public relations person to write a user friendly summary of the RWP for the public.

Chairman Erwin referred to Section 4, regarding the Proposed Action Item list, which focuses on the activities of the WRWC and NNWPC over the next five years. He suggested possibly adding Reno, Sparks and Washoe County in addition to the WRWC and NNWPC. Mr. Smitherman stated that other entities are responsible for some of the activities as well. Commissioner Price suggested adding "other local government agencies".

Commissioner Menard stated that many of the "to do" items are the responsibility of the flood project. Mr. Smitherman stated that the table includes a column for which agency or entity is responsible, and includes land use planning agencies. He suggested if desired the language could be changed to "water related and planning agencies". Commissioner Price stated that he trusts staff to make the changes to the language as appropriate. Mr. Rhodes summarized that he believed the language was acceptable as is; however, if desired the language could read "NNWPC and other local public and private entities affected by the Regional Water Plan".

Commissioner Menard made a motion to include the Executive Summary at the beginning of the RWP and to recommend that the WRWC reviews it for adoption, which will include the suggested edits from today's meeting.

Commissioner Price asked for direction from Mr. Rhodes as to whether the Public Hearing should be closed prior to making a motion. Mr. Rhodes stated that discussion on edits to the RWP could continue under this agenda item. Once the Public Hearing is closed the next item is possible approval of a Resolution to Recommend the Adoption, which will include the edits suggested at today's meeting. Commissioner Ball seconded the motion, which carried unanimously.

Chairman Erwin closed the Public Hearing at 2:04 p.m.

7. Possible approval of a Resolution to recommend the adoption, by the Western Regional Water Commission, of the 2011-2030 Comprehensive Regional Water Management Plan.

Chairman Erwin stated that this agenda item is for possible approval of Resolution No. 10-02, "Submitting the 2011-2030 Comprehensive Regional Water Management Plan to the Western Regional Water Commission". Commissioner Price asked Mr. Smitherman if in the past a Resolution has been presented with the same language. Mr. Rhodes stated that the language is very similar to that from past resolutions. He added that the only language changes were to reflect the statutory requirements of the Act. Commissioner Price asked if "for consistency review" was included in prior resolutions. Mr. Rhodes stated that the previous language was "conformance review".

Chairman Erwin clarified that a motion on this item will include incorporating all the edits from today's meeting, including clarification of the numbers reflected in Tables 8-1 and 8-8, as determined by staff and the consultant. He stated that if the number decreases, he does not see it as an issue that needs to come back to the NNWPC.

Commissioner Schumacher made a motion to approve the Resolution and submit the 2011-2030 Comprehensive Regional Water Management Plan to the Western Regional Water Commission Board of Trustees for approval and adoption, and to the Truckee Meadows Regional Planning Commission for consistency review. Commissioner Ball seconded the motion. The motion carried unanimously.

8. Discussion regarding agenda items for the January 5, 2011, Commission meeting and other future meetings, and possible direction to staff, Jim Smitherman.

Mr. Smitherman reported that items for the January 5, 2011 NNWPC meeting include:

- Status report on the Glendale Diversion project by TMWA staff
- Status report on the Evapotranspiration ("ET") program by Desert Research Institute ("DRI")
- Briefing on the regional effluent management plan strategic initiatives (if available at that time)
- Staff update on the Truckee River Flood Project

Commissioner Price asked Mr. Rhodes if he still serves as a lobbyist, which Mr. Rhodes stated he does. Commissioner Price requested an agenda item to review any water-related bill draft requests ("BDRs") or issues for the next legislative session. Mr. Rhodes agreed to provide an update.

Commissioner Schumacher asked for information on the upcoming joint meeting. Mr. Smitherman reported that it is scheduled for December 10, 2010 at 1:30 in the Washoe County Commissioner's Chambers. Mr. Smitherman stated that a couple of hard copies of the Water Plan would be available at that meeting. Mr. Rhodes added that the statutory deadline for submitting the Water Plan to the County Clerk's office is December 14, 2010. Commissioner Price requested a DVD copy. Mr. Smitherman offered to canvas members on their preference for receiving the RWP.

Commissioner Ball asked who would be representing the NNWPC at the joint meeting. Commissioner Menard stated that it is a joint meeting and that hopefully all NNWPC members would be present. She requested that when the RWP is provided to the County Clerk's office, it is provided electronically to the WRWC (if not before). Mr. Wessel stated that the latest version of the RWP would be available on the website, www.nnwpc.us under Documents.

9. Commission Comments.

Commissioner Price thanked staff and complimented them for doing a fantastic job on the Water Plan. Chairman Erwin agreed that it was a great job.

10. Staff Comments.

None

11. Public Comments.

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

12. Adjournment.

With no further business, the meeting was adjourned at 2:15 p.m.

Respectfully submitted by,

Niki Linn, Recording Secretary

Approved by Commission in session on _____ 2011.

John Erwin, Chairman

DRAFT

GLENDALE WATER SUPPLY IMPROVEMENT PROJECT

by

Truckee Meadows Water Authority

Ron Penrose, P.E., Project Manager

Brent Eisert, P.E. Construction Engineer

Ryan Dixon, P.E., Treatment Supervisor

September, 2010



Existing Glendale Water Treatment Plant Diversion



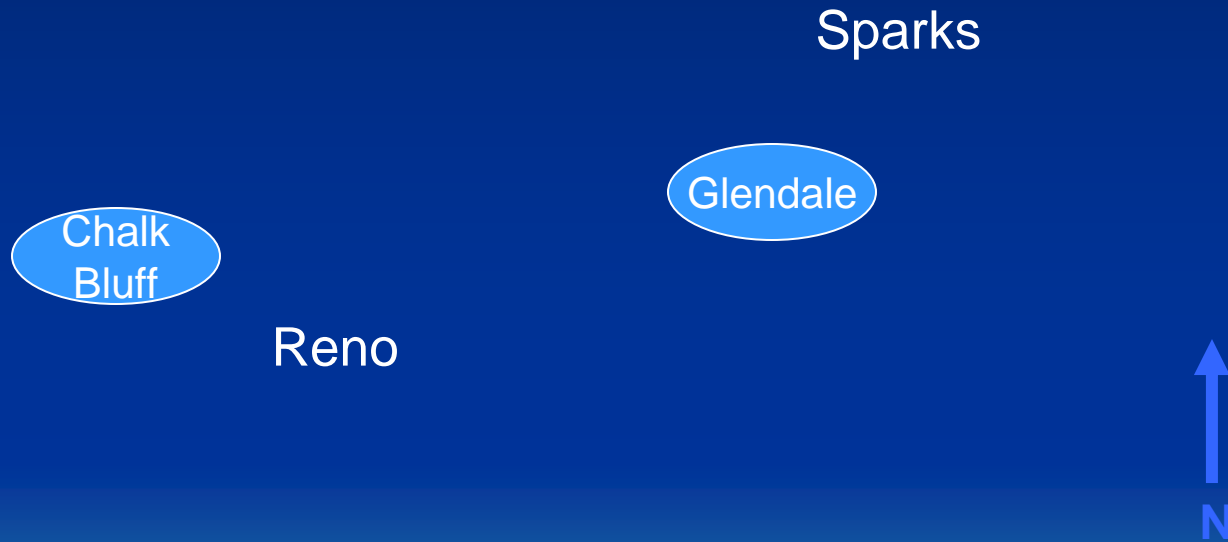
TMWA Surface Water Supply

❖ Treatment Plants

- ◆ Chalk Bluff (northwest Reno)
- ◆ Glendale (west Sparks)



Treatment Plant Locations



Treatment Plant Diversions

❖ Chalk Bluff Plant

- ◆ Highland Canal - uses the diversion weir serving the Washoe Hydroelectric Facility (1905)
- ◆ Chalk Bluff Diversion - on river just south of treatment plant and adjacent to the Orr Ditch (1994)



Treatment Plant Diversions

❖ Glendale Plant

- ◆ Diversion point for the Truckee and Sessions Ditches (1930s)
- ◆ Rock rubble structure (rebuilt 1976)



Existing Glendale Diversion



Glendale Water Treatment Plant

- ❖ Opened 1976; upgraded 1994, 1996
- ❖ State-of-the-art treatment
 - ◆ Serves up to 1/3 of all TMWA customers
 - ◆ Treats groundwater high in arsenic
- ❖ Diversion does not work in drought years
- ❖ **Needs reliable supply**



Existing Glendale Diversion Structure

- ❖ **Provides surface water to the Glendale Treatment Plant**
 - ◆ Normal years: cannot operate plant at full capacity
 - ◆ Drought years:
 - Cannot capture all of community's released storage reservoir water
 - Requires large equipment in the river to install a temporary water-tight diversion
- ❖ **Sustains flood damage**
- ❖ **Fish passage and boat safety issues**



Glendale Water Supply Improvement Project Goals

02-9-11: NNWPC Agenda Item 5

- ❖ **Provide a reliable water supply to the Glendale Water Treatment Plant**
- ❖ **Incorporated public input for design**
- ❖ **Currently Under Construction**



Project Criteria

- ❖ **Reliable Water Supply for Glendale WTP**
 - ◆ Allow full capacity treatment in normal flow years
 - ◆ 100% capture of released storage water for TMWA customers in drought years
- ❖ **Cost Effective**
- ❖ **Technically Feasible**

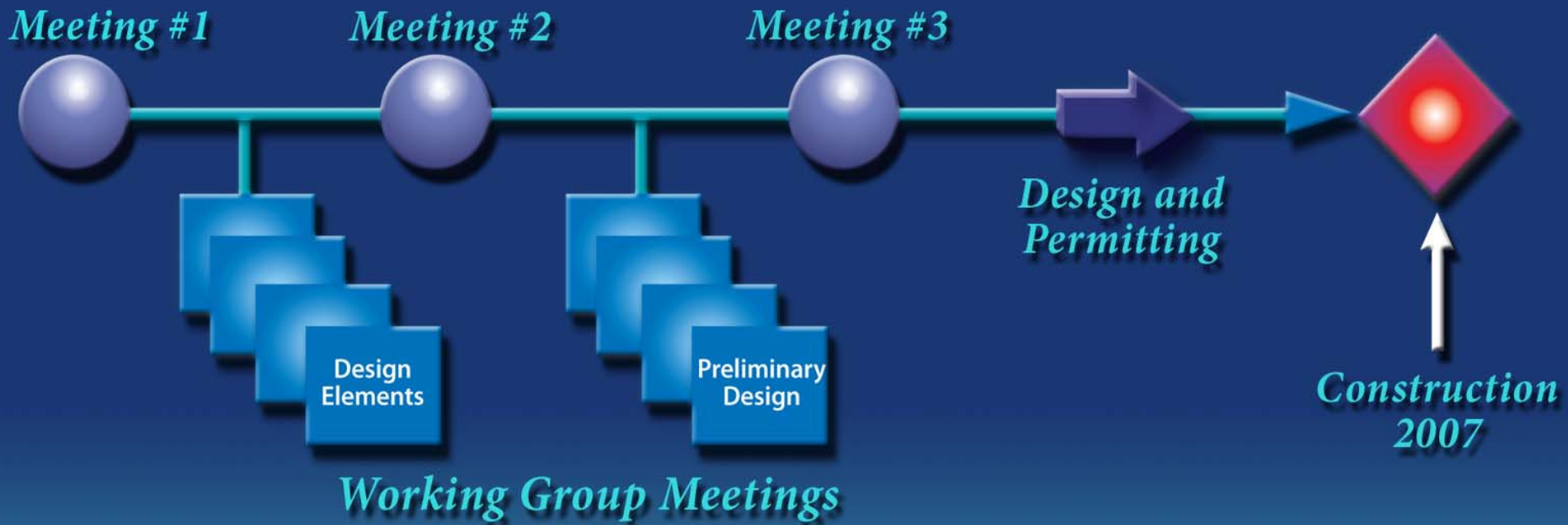


Project Criteria (con't)

- ❖ **Harmonious with the Truckee River Flood Project**
- ❖ **Environmentally Sensitive Design**
- ❖ **Supported by the Community**



Public Involvement Process



Process

- ❖ **Obtained public and agency input through working group meetings and general public meetings**
- ❖ **Gained consensus on preferred project alternative- Linked project to other Truckee River Initiatives**
- ❖ **Completed final design and obtained permits**
- ❖ **Secured project financing through the State with SRF loan**
- ❖ **Started construction in July with projected completion in December**

Contacts and Information

Website

www.glendalewatersupply.com

E-mail

rpenrose@tmwa.net



Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 1, 2011
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Update on the Desert Research Institute's Evapotranspiration project; possible approval of scope of work for an Interlocal Agreement for funding maintenance of the project from the Regional Water Management Fund in an amount not to exceed \$10,000 for fiscal years 2011-2012 and 2012-2013; and, possible direction to staff.

SUMMARY

The Desert Research Institute ("DRI") has completed program update activities for the Washoe Evapotranspiration ("ET") Project and is in transitioning to project maintenance. A proposed Interlocal Agreement ("ILA") will ensure program continuity for the coming two years. The ILA scope of work is attached for your review and approval.

BACKGROUND

The Western Regional Water Commission, as successor to the previous Regional Water Planning Commission, was assigned a 2007 interlocal agreement with DRI to upgrade and continue the Washoe ET Project, a website-based program that reports daily irrigation controller run-times calculated using local ET rates. Upgrade tasks were completed by the contract termination date of October 31, 2010, except one: replacement of the Stead weather station. No suitable replacement site could be found in Lemmon Valley, therefore the funds for this task were not expended. As an alternative, DRI is installing a new station at UNR Farms for another project and proposes to integrate the new station into the ET network. The new station will require annual maintenance beginning in FY 2012-2013. Ongoing project maintenance will cost \$2,000 per station per year.

Tasks included in the 2007 program upgrade agreement scope of work that have been completed include:

1. Evaluate inactive DRI weather station at the Stead Airport and if site is usable, repair and reinstall the weather station. If site is unusable, develop and implement a suitable alternative.
2. Perform annual weather station maintenance.
3. Evaluate two Washoe Valley sites.
4. Create a printable Washoe ET brochure and introduce into the community. Coordinate with University of Nevada Cooperative Extension, water purveyors, Nevada Landscape Association and others as needed to develop and distribute the brochure.

5. Evaluate the level of effort needed to change the watering schedule in the Washoe ET calculator and change to the new schedule as directed (e.g. from 2 days a week to 3 days and week).

RECOMMENDATION

Staff recommends approval of the Washoe ET Project scope of work for the ILA.



January 14, 2011

Scope of Work

Continue Operation of the Washoe Evapotranspiration (“ET”) Project and distribute the Washoe ET brochure into the community:

Period of performance: 11/01/2010 – 10/31/2012

Summary of Tasks:

6. Perform annual maintenance on two weather stations during fiscal year 2011-2012
7. Perform annual maintenance on three weather stations during fiscal year 2012-2013
8. Provide quarterly reports including progress on each task, website visit statistics and feedback from users regarding the usefulness of the website and project.
9. Distribute, and introduce, the Washoe ET into the community. Our hope is to see them used at plant nurseries, homeowners and building and engineering companies.

Task Completion Schedule:

1. Distribute the Washoe ET brochure into the community – March 2011
2. Annual maintenance of the Washoe ET stations – May 2011 and May 2012

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 1, 2011
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Update on adoption of the 2011 – 2030 Comprehensive Regional Water Management Plan; discussion of proposed items for the fiscal year 2011 – 2012 NNWPC Work Plan, and possible direction to staff.

SUMMARY

On January 14, 2011, the Western Regional Water Commission (“WRWC”) held a public hearing, adopted the 2011-2030 Comprehensive Regional Water Management Plan (“RWMP”), and directed staff to submit the Plan to the Regional Planning Commission for a review for consistency with respect to the Truckee Meadows Regional Plan.

Table 9-1, in Chapter 9 of the RWMP, contains 19 proposed action items intended to provide guidance in developing annual work plans for the coming 5 years. Table 9-1 is attached for your reference. Staff will begin developing a preliminary work plan and budget for next fiscal year this month and is seeking guidance from the NNWPC regarding FY 2011-2012 work plan items and priorities.

BACKGROUND

The Northern Nevada Water Planning Commission (“NNWPC”) held its public hearing on the RWMP on December 1, 2010, after which it approved Resolution 10-02 recommending that the RWMP be adopted by the WRWC.

On December 14, 2010, a copy of the RWMP was delivered to the County Clerk for the 30-day public inspection period required by statute. Notices of the availability of the Plan for public inspection, and the WRWC public hearing on the Plan were published as required by law. Staff also held a public workshop on the Plan at the Department of Water Resources on December 14 from 4:00 - 6:00 p.m.

No public comments were received at the public workshop, at the County Clerk’s office, or at either public hearing.

The Plan has been available to the public for viewing since December 14 at the following web address: <http://www.nnwpc.us/index.php?alias=documents.html>.

TABLE 9-1 WRWC/NNWPC PROPOSED ACTION PLAN

	Action Item	Cross Reference	Category	Location	Subject	Proposed Action Item	Lead Agency	Coordinating Agencies
	-a-	-b-	-c-	-d-	-e-	-f-	-g-	-h-
1	9.1.1.D		MWR	CTM	Climate Change	Participate in Bureau of Reclamation (“BOR”) climate change study for the Truckee River watershed expected to commence in 2011.	BOR	TMWA, TRFP, DRI
2	9.1.1.E				Cloud Seeding Program	Participate in the Desert Research Institute (“DRI”) cloud seeding program for the Lake Tahoe basin and the Truckee River basin, and coordinate with DRI’s efforts to continue the cloud seeding program statewide.	DRI	TMWA
3	9.1.1.F				Water Resources Planning	Adopt the TMWA 2030 WRP into the 2011 Regional Water Plan	WRWC	
4	9.2.A		CON	ALL	Base Case Conservation	Continued implementation of conservation measures to achieve Base Case conservation	NNWPC, WRWC	TMWA, Reno, Sparks, WC, SV, STM
5	9.3.1.A	9.5.D	WW	CTM	Continue Third Party Review of the 1994 Nutrient TMDL	Continue Third Party review of the 1994 nutrient TMDLs and applicable WQS in coordination with State and Federal regulatory authorities, and the Tribe’s water quality and quantity goals, to demonstrate that continued discharge to the Truckee River from TMWRF is an environmentally sound practice.	Reno, Sparks, DWR, TMWA	
6	9.3.1.B				Technical support for TMDL Process	Continue technical, modeling and legal work to support the TMDL and WQS review and discussions with NDEP and EPA.	Reno, Sparks, DWR	
7	9.3.1.C				Facilitation of Public Outreach and Stakeholder input for TMDL process	Continue working with the Third Parties to facilitate public outreach, in consultation with NDEP and EPA, and obtain input from affected stakeholders at key decision points in the TMDL and WQS review and revision process.	Reno, Sparks, DWR, TMWA	
8	9.3.1.E 9.3.2.C			CTM STM	Regional Integrated Solutions between TMWRF and STMWRF	Evaluate the merits of regional integrated solutions between TMWRF and STMWRF for the treatment and disposal of wastewater, including funding considerations.	Reno, Sparks, DWR	
9	9.3.2.A			STM	Pursue New Reclaimed Water Uses	Actively pursue a new reclaimed water strategy to continually balance the increasing supply with available storage capacity and demand. Alternative reuse methods should be explored in detail, in coordination with NDEP, such as reclaimed water aquifer storage and recovery (“ASR”) and cooling water for energy generation facilities.	Reno, Sparks, DWR	
10	9.3.3.A 9.3.4.A			S/LV, CS	Regional Integrated Solutions Between RSWRF and CSWRF	Continue to evaluate the merits of regional integrated solutions between RSWRF and CSWRF for the treatment and disposal of wastewater, including funding considerations.	WC, Reno	

Categories:

MWR - Municipal Water Resources
 CON - Water Conservation
 WW - Wastewater Management
 SW - Storm Water
 SEP - Septic Systems and Water Quality
 SWMP - Storm Water Management Program
 WR - Water Rights
 LUP - Land Use Planning

Locations:

TM - Truckee Meadows
 CTM - Central Truckee Meadows
 STM - South Truckee Meadows
 S/LV - Stead/Lemon Valley
 CS - Cold Springs
 SS - Spanish Springs
 LTR - Lower Truckee River
 ALL - All Areas

Agencies:

TMWA - Truckee Meadows Water Authority
 DWR - Washoe County Department of Water Resources
 Reno - City of Reno
 Sparks - City of Sparks
 WC - Washoe County
 WCDHD - Washoe County District Health Department
 TMRPA - Truckee Meadows Regional Planning Agency
 TRFP - Truckee River Flood Project

BOR - Bureau of Reclamation
 DRI - Desert Research Institute
 SV - Sun Valley General Improvement District
 STM - South Truckee Meadows General Improvement District

TABLE 9-1 WRWC/NNWPC PROPOSED ACTION PLAN

	Action Item	Cross Reference	Category	Location	Subject	Proposed Action Item	Lead Agency	Coordinating Agencies
	-a-	-b-	-c-	-d-	-e-	-f-	-g-	-h-
11	9.3.3.B	9.3.2.A	WW	S/LV	Proposed Effluent ASR Regulations	Continue to work with NDEP on proposed effluent ASR regulations, including additional groundwater modeling assessments of aquifer storage and recovery capacity for long-term viability, and establishing appropriate water quality standards for the protection of water resources, public health and the environment.	WC, Reno	
12	9.3.6.A		SEP	ALL	Strategies to Address Nitrate Contamination due to High Septic System Densities	Continue to collect data and develop regional strategies to address existing future nitrate contamination due to high densities of septic systems.	WC, Reno, Sparks	WCDHD, TMRPA
13	9.4.A		SWMP	TM	SWMP Update	SWPCC to work with agency staff, consultants and regulators and prepare a program update per the conditions of the May 2010 Storm Water Discharge Permit.	Reno Sparks, WC	
14	9.5.F	9.3.1.A 9.3.1.D 9.3.2.B	WR	ALL	Expand Reclaimed Water Resources benefits	Develop cooperative management strategies among local governments, reclaimed water providers and water purveyors that maximize the benefits of available reclaimed water resources.	DWR, Reno, Sparks	
15	9.5.G				Monitor Plan Area Growth Projections	Monitor existing and future water demand and planning area growth projections, and develop plans to resolve any major discrepancies in consideration of available water resources and geographic constraints.	TMWA, DWR, NNWPC	
16	9.6.A		LUP	ALL	Strengthen Linkages between TMRP and RWP	Continue working with TMRPA staff to strengthen appropriate linkages between the Regional Plan and the RWP.	NNWPC, TMRPA	
17	9.6.B				Review TMSA Boundaries and Revise Facility Plans	Review areas within the TMSA Boundary for gaps in facility planning and develop a plan to respond to changes in land use and the TMSA that affect current facility plans.	TMWA, DWR, TMRPA	
18	9.6.C				Future Water Demands and Wastewater Flows	Coordinate with other entities on the development of a GIS parcel based tool that can be used to estimate potential water demands and wastewater flows based on approved land use.	TMWA, DWR, TMRPA	
19	9.6.D				Future Water Demands and Wastewater Flows	Coordinate with local land use planning agencies to address rural groundwater basin imbalances.	TMWA, DWR, TMRPA	

Categories:

MWR - Municipal Water Resources
 CON - Water Conservation
 WW - Wastewater Management
 SW - Storm Water
 SEP - Septic Systems and Water Quality
 SWMP - Storm Water Management Program
 WR - Water Rights
 LUP - Land Use Planning

Locations:

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 ALL - All Areas

Agencies:

TMWA - Truckee Meadows Water Authority
 DWR - Washoe County Department of Water Resources
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 WC - Washoe County
 WCDHD - Washoe County District Health Department
 TMRPA - Truckee Meadows Regional Planning Agency
 TRFP - Truckee River Flood Project

BOR - Bureau of Reclamation
 DRI - Desert Research Institute
 SV - Sun Valley General Improvement District
 STM - South Truckee Meadows General Improvement District

Northern Nevada Water Planning Commission

DATE: February 1, 2011
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: John Rhodes, Legal Counsel
SUBJECT: Report on legislative activities, including Bill Draft Requests in the 2011 Nevada Legislature that may affect the Western Regional Water Commission (“WRWC”) / Northern Nevada Water Planning Commission (“NNWPC”)

The following staff report lists Bill Draft Requests ("BDR's") in the 2011 Nevada Legislature, as of January 28, 2011, that may affect or are of interest to the WRWC and NNWPC. BDR's that have been drafted are noted with an "AB" (Assembly) or "SB" (Senate) designation.

Bill Drafts Requested

- 19--107 **Assemblyman Carpenter**
Revises provisions governing the open meeting law.
(6/10/2010)
- 48--206 **Legislative Committee on Public Lands (NRS 218E.510)**
Revises provisions governing the use of water for evaporation in a pit lake or gravel pit. (8/04/2010)
- 48--207 **Legislative Committee on Public Lands (NRS 218E.510)**
AB115 Revises provisions governing certain notices and hearings concerning applications to appropriate water for beneficial use.
- 48--208 **Legislative Committee on Public Lands (NRS 218E.510)**
Repeals provisions requiring a public hearing before the issuance of an order granting domestic well credits to a public water system.
(8/04/2010)
- 19--226 **Assemblyman Ohrenschall**
Revises provisions regarding the Open Meeting Law. (8/10/2010)
- 20--243 **Legislative Committee to Oversee the Western Regional Water Commission (SB 487)**
Authorizes the issuance of bonds to finance loans made to provide financial assistance to persons to connect to the public water or sewer system in certain counties. (8/19/2010)
- 20--244 **Legislative Committee to Oversee the Western Regional Water Commission (SB 487)**
Allows issuance of County Bond Bank bonds for refunding of securities previously issued to an entity other than the County Bond Bank.
(8/19/2010)

- 285 **Senator Rhoads**
Provides for temporary water use for restoration of burned areas.
(8/30/2010)
- 19--288 **Attorney General**
AB59 **Makes various changes to the Open Meeting Law.**
8/30/2010
- 299 **Assemblyman Goicoechea**
Revises provision relating to ground water basins. (8/31/2010)
- 312 **Assemblyman Goicoechea**
Revises provisions relating to stock water. By Request (8/31/2010)
- 347 **Assemblyman Ohrenschall**
Revises provisions relating to water. (8/31/2010)
- 48--360 **Assemblyman Goedhart**
Revises provisions relating to the filing of a protest to an application to appropriate water. (9/01/2010)
- 48--467 **Water Resources, Division of-Conservation and Natural Resources**
AB73 Clarifies provisions governing notices and the right of entry by State Engineer and staff for inspection and eliminates hearings for domestic well credit programs. (9/01/2010)
- 32--468 **Water Resources, Division of-Conservation and Natural Resources**
AB46 **Clarifies requirements for payment of State Engineer assessments for the management of water.** (9/01/2010)
- 48--525 **Eureka County**
SB68 Includes participation by local governments in monitoring, management and mitigation of water resources. (9/01/2010)
- 527 **Assemblyman Bobzien**
Joint Requester: Assemblywoman Kirkpatrick
Revises provisions governing the use of websites by local governments to comply with the Open Meeting Law. (9/02/2010)
- 681 **Assemblywoman Kirkpatrick**
Allows for public water agencies to lease water. (12/12/2010)
- R--730 **Assemblyman Elliot Anderson**
ACR: Provides for the study of water. (12/14/2010)
- 829 **Senator McGinness**
Makes various changes relating to water. (12/15/2010)

R--895 **Assemblyman Goedhart**

AJR: Urges the Federal Government to enter into discussions with the State of Nevada and Nye County concerning mitigation for contamination of certain waters in the State. (12/15/2010)

926 **Senator Schneider**

Makes various changes relating to the regulation and use of water. (12/15/2010) By Request

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 1, 2011
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Program Manager's Report

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) Truckee River Flood Management Project status report
- d) 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**

2-9-11: NNWPC Agenda Item 9a

Approved by Water Planning Commission	Approved by WRWC	Project Name	Contractor/Provider	Amount	Balance Remaining	Percent Complete	Target Completion Date	Notes
N/A	N/A	D-InSAR	Bureau of Mines & Geology	12,690	464	96%	12/31/10	Work in Progress, awaiting final invoice
8/15/07	N/A	Washoe Evapotranspiration (ET)	DRI (Desert Research Institute)	20,745	10,612	49%	10/31/2010	Work is complete; awaiting final invoice
6/4/08	7/11/08	TMDL Phase 1	City of Reno (LimnoTech)	197,500	0	100%	11/01/09	Work continues with Amendment for \$400,000 (see next row)
N/A	7/10/09	Amendment to TMDL Phase I	City of Reno (LimnoTech)	400,000	357,389	11%	7/31/10	Work is in progress Amended to 7/31/12
N/A	3/13/09	TMDL Legal Services	Somach Simmons & Dunn	50,000	4,863	90%	6/30/11	Work is in progress & will continue with Amendment for \$50,000 (see next row)
N/A	5/20/10	Amendment to TMDL Legal Services	Somach Simmons & Dunn	50,000	50,000	0%	6/30/11	Work will continue with this Amendment
9/1/10	9/10/10	Cloud Seeding Program Winter 2010	(DRI) Desert Research Institute	100,000	100,000	0%	3/31/12	Work is in progress
12/2/09	N/A	GIS Maps & Figures in the Water Management Plan	Washoe County Dept Water Resources GIS Services	17,000	14,702	14%	6/30/11	Work is in progress
9/1/10	9/10/10	Amendment for Technical Services on the Water Management Plan	ECO:LOGIC Engineering / Stantec Consulting	16,000	486	97%	6/30/11	Work is complete; awaiting final invoice
12/2/09	N/A	Certified Landscape Technician Program	Nevada Landscape Association (NLA)	25,000	6,730	73%	12/30/11	Work is in progress (2010 and 2011)
5/5/10	7/9/10	2010 Water Usage Review Program	TMWA	64,100	64,100	0%	12/31/10	Work is in progress
		Washoe Evapotranspiration (ET) Project Maintenance	DRI (Desert Research Institute)	10,000	10,000	0%	12/31/12	Interlocal in approval process
10/6/10	11/12/10	Truckee Meadows Storm Water Quality Management Program	City of Reno	218,000	218,000.00	0%		Interlocal in approval process
N/A	5/21/09 (JS)	Website Design - First Scope of Work	Washoe County Community Relations	4,400	3,905	11%	6/30/10	Work is in progress
N/A	12/10/09 (JS)	Website Design - Second Scope of Work	Washoe County Technology Services	17,850	8,716	51%	6/30/10	Work is in progress
5/5/10 Routine Operating Expense Budget	5/20/10	Website Fiscal Year 2011-12	Washoe County Technology Services	12,500	12,500		6/30/11	Work is in progress
5/5/10 Routine Operating Expense Budget	5/20/10	G3 Productions NNWPC FY 10-11	G3 Productions	5,000	3,062	39%	6/30/11	Work is in progress
5/5/10 Routine Operating Expense Budget	5/20/10	Envision Video Televising WRWC	Envision Video	2,300	575	75%	6/30/11	Work is in progress
5/5/10 Routine Operating Expense Budget	4/9/10	Financial Audit of Fiscal Year 2010	Schettler, Macy & Silva	7,800	0	100%	12/31/10	Work is in progress
N/A	5/20/10	Reimburse TMWA and DWR for consolidation efforts	DWR, TMWA	550,000	250,000	55%	7/30/11	Work is in progress
5/5/10 Routine Operating Expense Budget	5/20/10	TRIG Website Support	City of Reno	7,500	7,500	0%	12/31/12	Interlocal in approval process

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% (of Budget minus all Commitments)
481000 Interest-Pooled Inv.	33,852.00-	36,491.85-		36,491.85-	2,639.85	8		2,639.85	8
482100 RGL Pooled Inv.		15,520.16-		15,520.16-	15,520.16			15,520.16	
482200 URGL Pooled Inv.		40,311.24		40,311.24	40,311.24-			40,311.24-	
491060 Water Surcharge 1.5%	1,367,000.00-	819,101.78-		819,101.78-	547,898.22-	40-		547,898.22-	40-
** REVENUE	1,400,852.00-	830,802.55-		830,802.55-	570,049.45-	41-		570,049.45-	41-
710100 Professional Services	1,886,700.00	86,107	567,336	653,443.27	1,233,256.73	65		1,233,256.73	65
710110 Contracted/Temp Svcs	334,532.00	145,022		145,022.42	189,509.58	57		189,509.58	57
710120 Legal Fees	144,000.00	69,840.00	122,160.00	192,000.00	48,000.00-	33-		48,000.00-	33-
710139 Fin Consult Services	23,000	7,800.00		7,800.00	15,200.00	66		15,200.00	66
710149 Invest Pool Alloc Ex		1,462.66		1,462.66	1,462.66-			1,462.66-	
710155 Lobbying Services		600.00		600.00	600.00-			600.00-	
710200 Service Contract	50,000	25,686.18	32,366	58,052.64	8,052.64-	16-		8,052.64-	16-
710509 Seminars and Meetings	3,000.00	1,480.00		1,480.00	1,520.00	51		1,520.00	51
710511 Support Service - Reim		10,988		10,987.80	10,987.80-			10,987.80-	
710512 Auto Expense	2,400				2,400.00	100		2,400.00	100
710546 Advertising	10,000.00	1,614	5,000	6,613.95	3,386.05	34		3,386.05	34
710585 Undesignated Budget	10,000.00				10,000.00	100		10,000.00	100
710594 Insurance Premium		158		158.00	158.00-			158.00-	
711210 Travel	7,000	1,450.80		1,450.80	5,549.20	79		5,549.20	79
* SERVICES AND SUPPLIES	2,470,632.00	352,209	726,863	1,079,071.54	1,391,560.46	56		1,391,560.46	56
** EXPENDITURES	2,470,632.00	352,209.04	726,862.50	1,079,071.54	1,391,560.46	56		1,391,560.46	56
*** Total	1,069,780.00	478,593.51-	726,862.50	248,268.99	821,511.01	77-		821,511.01	77-



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CM/ACM KS

Finance N/A

DA N/A

Risk Mgt. N/A

HR N/A

Other N/A

STAFF REPORT

BOARD MEETING DATE: December 14, 2010

DATE: November 23, 2010
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 October and November 2010. (All Commission Districts.)**

SUMMARY

A status report on the activities related to the Truckee River Flood Management Project for the months of October and November is provided herein.

Strategic Objective supported by this item: Sustainable Economic, Natural, Organizational, and Social Resources.

Strategic Outcome supported by this item: Sustainable resources linked to the needs of the public (public safety, security, health, cultural, recreational).

PREVIOUS ACTION

The most recent status report for September 2010 was presented to the Board of County Commissioners at the October 26, 2010 meeting.

BACKGROUND

Below is a list of the primary activities that were accomplished in the months of October and November 2010.

Corps Collaboration

Corps – Senior staff members attended the monthly Corps Project Review Board (PRB) meeting in Sacramento October 12th. These face-to-face meetings with senior members of the Corps facilitate better communication and faster acknowledgement of areas that need clarification with the intended outcome being a shorter timeframe for authorization of the Project.

Senior staff members continue to meet with Corps managers to discuss the complexities, processes and details of "Project Reset." Director Duerr reported at the November 5th

AGENDA ITEM # 9H

FPCC meeting that Project Reset was a Corps pilot project enabling projects like ours to obtain authorization much sooner based on principals and guidelines that were currently being developed. Ms. Duerr further commented that efforts had been made by the FPCC Board and senior staff in Washington DC were the catalyst for the Truckee River Flood Project being chosen as a pilot project. Meetings are both in-person at the Sacramento Corps headquarters and via conference call.

TRAction Projects

Tracy Power Plant TRAction Project Town Hall Meeting – At the October 12th meeting, the Board of County Commissioners (BCC) approved the Project Funding Agreement for the Tracy Power Plant Ecosystem Restoration Project between the County and the Nature Conservancy. The Agreement is for Phase I of the Project to include planning, design and permitting. The Tracy Project is one of eleven proposed ecosystem restoration projects included as part of the Flood Project’s long-term plan for flood damage reduction, restoration and recreation for the Northern Nevada Community.

Virginia Street Bridge – At the November 5th Flood Project Coordinating Committee (FPCC) meeting, the Board approved a TRAction Project agreement with the City of Reno in the amount of \$1.8 million for bridge alternative selection, 30% engineering design services and permitting for the Virginia Street Bridge replacement. The Reno City Council also approved the agreement at the November 10th City Council meeting.

Home Elevation – At the November 5th FPCC meeting, Director Duerr reported that the Home Elevation TRAction Project had encountered an unexpected condition that the amount of the home elevation funds would have to be added to the homeowner’s income tax unless the 2005 law was changed. The 2005 law states that federal funds are exempt from this income tax so the Flood Project is working to change the wording of the law to include “state and local” funds as being exempt also.

Regional Collaboration

Town Hall Meeting – The evening of October 4th marked the date and time for the Flood Project’s Town Hall Meeting. A brief summary of the Flood Project goals, Project elements, current planning and future implementations were presented by Director Duerr. The citizens in attendance rounded out the meeting with a variety of questions being answered by staff and FPCC Board members. Of special note, Fox 11 spent time with Director Duerr prior to the meeting for an interview that would air on their very first broadcast of local news. Notification to the community included advertising in the Reno and Sparks local print media.

Derby Dam River Restoration Project – Flood Project staff attended the Derby Dam River Restoration Project Celebration hosted by the City of Reno October 12th. This project is one of four Truckee River restoration projects made possible as a result of a \$9.56 million dollar grant from the Desert Terminal Lakes program. The 3.12 acre project along the banks of the river will improve and restore environmental conditions in and adjacent to the Truckee River, including preserving and enhancing the native habitat.

Flood Warning System Upgrade – The software programmers for the Flood Warning System upgraded the system October 13th. Specifically, the web-based application received the first update to the software in more than five years allowing access to critical information from any location. The upgrade will enable system information to be more readily available during flood events as well as for general monitoring purposes.

Flood Ordinance – The second reading of the Amended Flood Ordinance was heard at the Reno City Council meeting October 13th. The Ordinance clarified requirements for flood storage volume mitigation and passed with a majority vote. The Amended Flood Ordinance now becomes part of Reno Municipal Code.

JPA Outreach – Director Duerr and other senior Flood Project staff attended or presented information to a number of groups in the Truckee Meadows concerning the Joint Powers Authority (JPA) and/or an overview of the Flood Project. They are as follows:

Associated General Contractors	October 5 th
Downtown Improvement Association	October 7 th
American Public Works Association Conference	October 7 th and 8 th
Builders Association of Northern Nevada	October 14 th , Oct. 25 & Nov. 1
Tahoe Regional Planning Agency	October 15 th
Associated Builders and Contractors	October 20 th
Reno/Sparks Chamber (Business Advocacy Group)	October 25 th
Reno/Sparks Association of Realtors	October 27 th
Builders Association of Northern Nevada	November 1 st (3 rd meeting)
Downtown Improvement Association	November 4 th
Kiwanis Club	November 10 th

National Preparedness Month – The Flood Project partnered with the Emergency Operations Center in providing information to the public at the event held October 2nd in celebration of National Preparedness Month. Handouts included community sandbag locations, “Be Prepared, Make a Kit” pamphlets, Flood Project overview materials and a variety of giveaways.

Reno-Sparks Indian Colony (RSIC) Walmart Opening – Director Duerr and Assistant Director Aldean attended the October 13th Grand Opening of the Walmart located at the RSIC site. This is the site of the first floodwall/levee built by the Truckee River Flood Project and completed approximately one year ago. This “early action” or TRAction Project was critical to the building project helping to ensure a level of flood protection in the area.

Technical Advisory Committee (TAC) – TAC met October 1st and discussed a variety of topics including an update on the Corps modeling efforts and schedule, an update on the JPA, Phase II of the Hydrologic Model, the Virginia Street Bridge TRAction Project Design Agreement and a recap of the North Truckee Drain Groundbreaking Event.

Technical Advisory Committee (TAC) – The TAC met November 19th and discussed a variety of topics including an update on the new schedule and process for completion of the

Corps Chief's report by 2011, an update on the development of the "525" plan which is a possible fall back plan if Corps funding is not available and alternative design concepts for the Locally Preferred Plan (LPP).

Great Basin Water Forum – Director Duerr and Natural Resources Planner Melissa Faigeles attended the Great Basin Water Forum October 21st and 22nd. The purpose of the Forum is to provide local governments in the Great Basin an opportunity to come together to discuss water and water-related issues common to the Great Basin (e.g., challenges of growth, water sustainability, federal programs and regulations, water and land use planning, etc.), and if desired, make recommendations concerning their common interests to the appropriate entities and organizations. It is sponsored by thirteen counties in three states (California, Nevada and Utah).

Working Group – The Working Group met October 27th and discussed a variety of topics including an update on the Joint Powers Authority (JPA), an update on the hydrologic model and the status of the Flood Mitigation Ordinance.

Regional Hydrologic Model – At the November 5th meeting, the Board directed staff to proceed with a peer review process of the Regional Hydrologic Model. Mr. Aldean reported the length of the review would be approximately 60 days with results coming back to the FPCC when completed.

Desert Research Institute (DRI) "Cave" – DRI's 4-sided immersive CAVE display (The Center for Advanced Visualization, Computation and Modeling (CAVCaM) was the order of the day for Director Duerr and Deputy Director Aldean on November 5th. The CAVE is an interdisciplinary science center within DRI. Since its creation in 2005, the center's goal has been to integrate state-of-the-art visualization and virtual reality tools with collaborative expertise. This integration enhances environmental research leading to synergistic scientific achievements. The vision of CAVCaM is to utilize developing technologies in computer graphics, computer interfaces, and scientific computing for the enhancement of scientific research that is fundamental to our environment. Paul Urban and Jim Nelson, a peer reviewer of the GSSHA model also visited the CAVE November 9th. The visits were to explore the possibilities for collaborative efforts with the Flood Project in the future.

Flood Awareness – Reno, Sparks and Washoe County staff met November 16th with Susie Kapahee and Mimi Fujii-Strickler on the 2010/2011 Flood Awareness Campaign strategy. A new 30-second video is being produced targeting the "It Could Happen Here" message to the Northern Nevada Community. Media will include television and website along with brochures at a number of locations around the county. Plans are to start the campaign December 20th and go through February 13th 2011.

Floodplain Management Association (FMA) – Deputy Director Aldean, Project Manager Paul Urban and Environmental Planner Melissa Faigeles, attended the annual FMA conference November 2-5 in Henderson Nevada. The goals of the FMA are to promote the

common interest in reducing flood losses and to encourage the protection and enhancement of natural floodplain values. This year's conference adopted the theme of "when the shoe doesn't fit...adapting to new regulations."

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 October and November 2010.

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 October and November 2010."



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CM/ACM KS
Finance JS
DA AL
Risk Mgt. JJ
HR N/A
Other N/A

STAFF REPORT

BOARD MEETING DATE: February 8, 2011

DATE: January 19, 2011

TO: Board of County Commissioners

FROM: Jay Aldean, P.E., Deputy Director, Truckee River Flood Management Project, 850-7470, jaldean@washoecounty.us

THROUGH: Naomi Duerr, Director, Truckee River Flood Management Project, 850-7420, nduerr@washoecounty.us

SUBJECT: **Recommendation to approve Amendment 1 to the Interlocal Agreement between the County of Washoe (on behalf of the Truckee River Flood Project) and the City of Reno for the Virginia Street TRAction Project, Phase 1 Bridge Design, to amend the agreement to add completion of final design and permitting and environmental documentation services and to authorize an additional amount not-to-exceed \$3,000,000, with a total contract amount not-to-exceed \$4,800,000, to be charged to Truckee River Flood Project capital fund account 494 (1/8 cent sales tax for Truckee River Flood Management Infrastructure); and if approved, authorize the Chairman to execute Amendment 1 to the Interlocal Agreement. (Commission District 3.)**

SUMMARY

This item requests approval of Amendment 1 to the Virginia Street TRAction Project, Phase 1 Bridge Design to include Phase 2 for project design and permitting and environmental documentation services, in the amount of \$3,000,000, for a total agreement amount not-to-exceed \$4,800,000. This agreement will complete the design and permitting services for the Virginia Street Bridge and develop plans, specifications and estimate documents suitable for bidding and awarding the construction contract for replacing the existing bridge.

Strategic Objective supported by this item: Regional Collaboration

BCC Annual Goal supported by this item: Expand formal and informal partnerships among governmental and non-governmental entities that improve service and/or improve efficiency or reduce cost.

PREVIOUS ACTION

- August 18, 2006 FPCC authorized the TRAction Project Program and approved the process for bringing projects before the Committee.
- May 11, 2007 FPCC approved a feasibility study and visioning process for replacement of the Truckee River bridges at Lake, Center, Virginia, and Sierra Streets as a TRAction Project for a cost not-to-exceed \$500,000.
- June 8, 2007 FPCC approved an amendment to the scope of work for the Reno Bridge Visioning TRAction Project – Phase I to add the Arlington and Booth Street bridges to the visioning process and increase the cost by \$100,000 for a new total cost not-to-exceed \$600,000.
- July 11, 2007 City of Reno approved an interlocal agreement with Washoe County for the funding of the Downtown Reno Bridge Visioning TRAction Project in an amount not-to-exceed \$600,000.
- July 24, 2007 BCC approved an interlocal agreement with the City of Reno for the funding of the Downtown Reno Bridge Visioning TRAction project to an amount not-to-exceed \$600,000.
- April 11, 2008 FPCC approved Change Order No. 1 to the Phase I Downtown Reno Bridges TRAction Project in the amount of \$185,000 to include MCACES cost estimation services, additional surveying services and hydraulic modeling services to better define the proposed bridge at Virginia Street to be included in the draft Corps' EIS and GRR. The total cost of the contract is \$785,000.
- May 13, 2008 BCC approved Change Order No 1 to the Phase I Downtown Reno Bridges TRAction Project in the amount of \$185,000 to include MCACES cost estimation services, additional surveying services and hydraulic modeling services to better define the proposed bridge at Virginia Street to be included in the draft Corps' EIS and GRR.
- January 14, 2009 Reno City Council approved applying for TRAction Project Program assistance to design a bridge to replace the Virginia Street Bridge as Phase II of the Downtown Reno Bridge Replacement TRAction project.
- February 13, 2009 FPCC approved Phase II, project design and environmental permitting of the Virginia Street Bridge TRAction Project, in an amount not-to-exceed \$2,000,000. The total TRAction Project agreement was approved at \$2,785,000.
- May 12, 2009 BCC approved Phase II project design and environmental permitting of the Virginia Street Bridge TRAction Project, in an

amount not-to-exceed \$2,000,000. Total agreement amount of \$2,785,000.

- November 5, 2010 FPCC approved the agreement and use of flood project funds for the Virginia Street TRAction Project Phase1 Bridge Design: (30%) Design and Permitting Services, in an amount not-to-exceed \$1,800,000.
- November 9, 2010 BCC approved a new Phase 1 agreement in an amount of \$1,800,000, rescinding the previous agreement and subsequent amendments that were initially approved by the BCC on July 24, 2007.
- February 4, 2011 FPCC approved Amendment 1 for Phase 2 (Final design and permitting Services) to amend scope to complete bridge design, and increase the project budget by \$3 million, for a total not-to-exceed amount of \$4.8 million.

BACKGROUND & DISCUSSION

The Virginia Street Bridge Replacement Project has been identified as being a priority project by the City of Reno and has been discussed in connection with the TRAction Project program since the inception of the Flood Project. It was formally approved as a TRAction Project in May 2007 by the FPCC and later by the BCC in July of that same year.

City of Reno staff developed an RFP to solicit firms interested in performing the (new) Phase 1 visioning process and preliminary bridge design work. An interview process was arranged and four firms were interviewed by a panel of various stakeholder and agency representatives. The firm of Jacobs Engineering Group Inc was selected for this work. The City of Reno completed negotiations with Jacobs and recommended a contract in the amount of \$1,791,000 for approval before the Reno City Council in November 2010.

Design services are broken down into two steps.

Phase 1 will complete three basic tasks:

- 1) completion of the needed visioning and selection of the bridge type,
- 2) development of preliminary design drawings (30%), and
- 3) initiation of the project environmental documentation and permitting.

Phase 1 will build on the results of the initial visioning process and include additional public outreach and visioning where necessary. Project alternative design concepts will be developed by the consultants to a point whereby a selection for a bridge type can be made. After selection of the bridge type, the consultants will further develop the selected conceptual design into a 30% design or preliminary design level.

Phase 2 will build on the preliminary design from Phase 1 and complete all remaining engineered final design drawings, specifications, environmental documentation and permitting effort for the project.

The agreement being considered at this time is to amend the Phase 1 agreement to include Phase 2 and to fund completion of the remaining design services.

All funding for this agreement has been budgeted in the Flood Project Capital Account 494. Funds for the Virginia Street Bridge were included in Flood Project's FY10 budget in an amount of \$2,500,000. The agreement for Phase 1 was only for \$1,800,000, leaving \$700,000 available for this agreement. The remaining funding for this agreement (\$2,300,000) will come from the \$4,000,000 "Unallocated" capital fund line item in the FY 10-11 budget.

Estimates have shown that the complexity of the bridge design and the number of additional tasks required will drive the overall cost of the design services much higher than the original \$2,000,000 design estimate made by staff in 2007. Since the bridge type is still unknown at this time it is difficult to make an estimate of an appropriate design fee to complete the final design services. However, Jacobs Engineering Group, the consultants designing the bridge, provided an approximate maximum estimated fee in the amount of \$3,000,000 dollars for Phase 2 work. The cost for the full design and permitting services is expected to be \$4,800,000. Sufficient funds are available in the flood project fund to complete the design.

FISCAL IMPACT

Replacement of some or all of the bridges in downtown Reno is part of the overall flood project's Locally Preferred Plan (LPP) and is appropriately funded with the 1/8 cent sales tax and the interest earnings in the Truckee River Flood Project's account. The fiscal impact of this item will not exceed \$3,000,000. There are sufficient funds for this expenditure in the Truckee River Flood Project's capital fund account 494.

RECOMMENDATION

It is recommended that the Board of County Commissioners approve Amendment 1 to the Interlocal Agreement between the County of Washoe (on behalf of the Truckee River Flood Project) and the City of Reno for the Virginia Street TRAction Project, Phase 1 Bridge Design, to amend the agreement to add completion of final design and permitting and environmental documentation services and to authorize an additional amount not-to-exceed \$3,000,000, with a total contract amount not-to-exceed \$4,800,000, to be charged to Truckee River Flood Project capital fund account 494 (1/8 cent sales tax for Truckee River Flood Management Infrastructure); and if approved, authorize the Chairman to execute Amendment 1 to the Interlocal Agreement.

POSSIBLE MOTION

Should the Board agree with staff's recommendation, a possible motion would be: "Move to approve Amendment 1 to the Interlocal Agreement between the County of Washoe (on behalf of the Truckee River Flood Project) and the City of Reno for the Virginia Street TRAction Project, Phase 1 Bridge Design, to amend the agreement to add completion of final design and permitting and environmental documentation services and to authorize an additional amount not-to-exceed \$3,000,000, with a total contract amount not-to-exceed \$4,800,000, to be charged to Truckee River Flood Project capital fund account 494 (1/8 cent sales tax for Truckee River Flood Management Infrastructure); and authorize the Chairman to execute Amendment 1 to the Interlocal Agreement."

NSD:jl

ATTACHMENTS

Attachment 1: Amendment 1 to the Interlocal Agreement between the County of Washoe (on behalf of the Truckee River Flood Project) and the City of Reno for the Virginia Street TRAction Project, Phase 1 Bridge Design

(Rev. 1-25-11)

INTERLOCAL AGREEMENT
(Virginia Street TRAction Project, Phase 1 Bridge Design)

Amendment No. 1

Summary: Expands the work to include Phase 2 Design of the bridge and increases the amount of financing to be provided by County to a total of \$4.8 million.

A1.1 Recitals

WHEREAS

A. The replacement of the Virginia Street bridge in downtown Reno is a key element of the Truckee River Flood Management Project, and has been approved by the Flood Project Coordinating Committee as a "TRAction" (Truckee River Action) Project. In July 2007, the parties entered into an Interlocal Agreement (which agreement was amended once) for the County to finance and City to conduct a study to determine the feasibility of replacing six downtown bridges including Virginia Street Bridge for purposes of flood reduction. The feasibility and visioning study was completed and in November of 2010, the parties entered into a new "Interlocal Agreement (Virginia Street Traction Project, Phase 1 Bridge Design)" in the amount of \$1,800,000 to begin designing the bridges (the "**Agreement**"). The Agreement superseded the July 2007 agreement and amendment.

B. The parties desire to amend the Agreement to add a Phase 2 final design element and increase the County's financial commitment to \$4.8 million.

NOW THEREFORE, in exchange for the mutual covenants contained in the Agreement as amended hereby, the Parties agree as follows.

A1.2 General

The Agreement is hereby amended and modified in all relevant places to accomplish the intents and effects stated herein. All other provisions in the Agreement remain in full force and effect without interruption as herein amended. The parties agree to execute any documents and take any action reasonably necessary to carry out the intent of this amendment. Unless otherwise stated below, this amendment does not constitute or imply any waiver of any default, right or obligation that exists as of the date of this amendment or ratify or approve any conduct the occurred before the date of this amendment. The parties further agree that any reference to the Agreement includes this and all subsequent amendments

§A1.2 Addition of Phase 2 Design Tasks.

§3.01 of the Agreement is amended to add to the purpose of the Virginia Street Design Project new Phase 2 Design tasks of completing all remaining engineered final design drawings, specifications, environmental documentation services and permitting for the Project.

§A1.3 County Financing Obligation

§4.02 of the Agreement is amended to provide that subject to the terms and conditions in the Agreement, as amended, County agrees to immediately appropriate the sum of **\$4,800,000** from available funds in the Infrastructure Sales Tax Fund, and to grant funds from that appropriation to Reno for the Virginia Street Bridge Design Project.

§A1.4 Counterpart Signatures

This Amendment may be executed in counterparts and will be effective only when all parties have executed two counterpart signature pages and delivered them to County for distribution to all the parties.

////////////////////////////////////Nothing Follows on this Page////////////////////////////////////

Amendment No. 1 to Interlocal Agreement
(Virginia Street TRAction Project, Phase 1 Bridge Design)

Counterpart Signature Page

CITY OF RENO
a municipal corporation

By _____
Robert A. Cashell, Sr. Mayor

Date _____

Attest:

By _____
Lynnette Jones, Reno City Clerk

Date _____

APPROVED AS TO FORM:

Susan Ball Rothe, Deputy City Attorney

Amendment No. 1 to Interlocal Agreement
(Virginia Street TRAction Project, Phase 1 Bridge Design)

Counterpart Signature Page

COUNTY

Washoe County, a political subdivision of the State of Nevada

By _____
John Breternitz, Chairman
Board of County Commissioners

Date _____

Attest:

By _____
Amy Harvey, County Clerk

Date _____