

NORTHERN NEVADA WATER PLANNING COMMISSION AGENDA

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

Reno City Council Chambers
One East First Street
Reno, Nevada

1. Roll Call and determination of presence of a quorum.
2. Approval of agenda.
3. Approval of the minutes from the February 4, 2009, meeting.
4. Public Comments. * (Three-minute time limit per person.)
5. Discussion and possible recommendation to the Western Regional Water Commission (WRWC) regarding a scope of work and funding request in the amount of \$64,100 from the Regional Water Management Fund for the Truckee Meadows Water Authority (TMWA) 2009 Water Usage Review Program, and possible direction to staff – Lora Richards, TMWA.
6. Presentation on the newly formed Truckee Meadows Community Forestry Coalition, which promotes efficient, responsible water use for trees in the community's irrigated landscapes, and possible direction to staff – Lora Richards, TMWA.
7. Discussion and possible recommendation to the WRWC concerning 1) the acceptance of a possible Clean Water Act Grant for Section 208 Water Quality Planning Activities from the Nevada Division of Environmental Protection in the amount of approximately \$40,000 and 2) approval of an Amendment to an Interlocal Agreement with the City of Reno to include the grant funds and a scope of work for regional integrated wastewater system planning, and possible direction to staff – Jim Smitherman.
8. Review and possible recommendation to the WRWC of the Regional Water Management Fund preliminary budget for the fiscal year 2009-2010, and possible direction to staff – Jim Smitherman.
9. Informational report regarding Truckee Meadows Water Authority Standing Advisory Committee, Barry Winzeler. *

10. Program Manager's Report, Jim Smitherman *
 - a. Status Report of Projects and Work Plan supported by the Regional Water Management Fund
 - b. Financial report on the Regional Water Management Fund
 - c. Update on Bill Draft Requests (BDRs) that may affect the NNWPC
 - d. Truckee River Flood Management Project status report
11. Discussion and possible direction to staff regarding agenda items for the April 1, 2009, Commission meeting and future meetings, Jim Smitherman.
12. Commission comments. *
13. Staff comments. *
14. Public Comments.* (Three-minute time limit per person.)
15. Adjournment.

*Indicates a non-action item

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

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

In accordance with NRS 241.020, this agenda has been posted at the following locations: Reno City Hall (1 East First Street), Sparks City Hall (431 Prater Way), Sparks Justice Court (630 Greenbrae Dr), Sun Valley GID (5000 Sun Valley Blvd.), TMWA (1355 Capital Blvd.), Washoe County Administration Building (1001 E. 9th Street), Washoe County Clerk's Office (Court and Virginia Streets), Washoe County Central Library (301 South Center St.), Washoe County Department of Water Resources (4930 Energy Way), Galena Market (19990 Thomas Creek Rd.), Galena High School (3600 Butch Cassidy Way), South Valleys Library (15650A Wedge Parkway), the Northern Nevada Water Planning Commission (NNWPC) website: <http://www.washoecounty.us/water/nnwpc.htm>, and the Western Regional Water Commission's (WRWC) website: <http://www.wrwc.us/meetings.html>



STAFF REPORT

TO: Northern Nevada Water Planning Commission
Western Regional Water Commission

FROM: Lora Richards, Resource Planner

DATE: February 10, 2009

SUBJECT: **2009 Water Usage Review Program**

Recommendation

Staff requests the Northern Nevada Water Planning Commission (NNWPC) allocate \$64,100 for the 2009 Water Usage Review Program (formerly known as the Commercial and Residential Audit Program). The NNWPC, as well as its predecessor the Regional Water Planning Commission (RWPC), has supported the program with 60% of funding since its inception in 2003. The program has been highly successful for TMWA and continues to grow in popularity and demand.

Background

In 2003, TMWA initiated a pilot residential water audit program to help the RWPC further its water conservation goals. The pilot was considered a success and the program has expanded over time. The table below summarizes the number and type of water use reviews conducted to-date.

| | Total | Commercial | Residential | Reno | Sparks | Washoe Co. |
|------|--------------|------------|-------------|-------|--------|------------|
| 2008 | 2,461 | 265 | 2,196 | 1,601 | 769 | 91 |
| 2007 | 2,025 | 221 | 1,804 | 1,290 | 645 | 90 |
| 2006 | 731 | 70 | 661 | 469 | 238 | 24 |
| 2005 | 894 | 123 | 771 | 538 | 281 | 75 |
| 2004 | 497 | 66 | 431 | 324 | 135 | 38 |
| 2003 | 444 | 42 | 402 | 275 | 149 | 20 |

In 2008, 2,461 water use reviews were conducted, an increase of 20% over 2007. Eighty-nine percent of the reviews conducted in 2008 were residential and 11% were commercial reviews; the same percentage splits as in 2007. The proportion of water use reviews by jurisdiction was the same in 2008 as it was in 2007: approximately 65% of the total performed in 2008 were in Reno, 32% were in Sparks, and the remaining 4% were in Washoe County. The water use reviews were provided for TMWA retail customers.

Discussion

The feedback from customers who have participated in the Water Usage Review Program has been extremely positive. Those who request water use reviews are typically more conscientious

than the average customer and are receptive to the information and recommendations provided by the coordinators.

General findings from the 2009 program are similar to past years. The majority of recommendations for residential water conservation involve outdoor water use. One of the major sources of outdoor water inefficiency is inappropriate settings on irrigation clocks. Water auditors more often recommend reduced watering times for lawns and landscapes. When addressing indoor water use, customers with older model appliances indicate they will purchase Energy Star models when they purchase a replacement. The program is very popular with senior citizens.

TMWA considers the Water Usage Review Program a success in expanding awareness of responsible water use through personal customer education. Based on strong customer interest in the program, TMWA is continuing its program in 2009.

The following budget shows the total 2009 estimated program cost of approximately \$107,000. This budget has increased approximately \$4,000 from the 2008 estimated program cost of \$103,000 due to increased vehicle-related expenses. In previous years, TMWA has received an allocation of 60% of the program budget from the WRWC/NNWPC and the RWPC.

2009 Cost Proposal

| Cost Item | Comment | Estimated Total Cost for 2009 | Proposed NNWPC Share | Proposed TMWA Share |
|---|---------|-------------------------------|----------------------|---------------------|
| Salaries & Expenses | (1) | \$89,856 | \$64,114 | \$25,742 |
| Vehicle(s) & Fuel | (2) | \$12,500 | \$0 | \$12,500 |
| Equipment & Supplies | (3) | \$3,000 | \$0 | \$3,000 |
| Outreach | | \$1,500 | \$0 | \$1,500 |
| Total Estimated Program Cost | | \$106,856 | \$64,114 | \$42,742 |
| Recommended NNWPC Funding for 2009 | | | \$64,100 | |

(1) Average hourly rate of \$21.61 includes auditor salary plus FICA, Medicare, and workman's comp.

Assumes 1 full time auditor (2080 hours) and 2 half time auditors (1,039 hours per auditor).

(2) Based on 2008 mileage rates of \$0.505 per mile (Jan - Jun) and \$0.585 per mile (Jul - Dec)

(3) Includes wireless computers, telephone, auditing equipment & supplies, office supplies, and clothing

TMWA requests the ability to shift funding between line items if costs necessitate a transfer of funds. Any funds remaining after December 2009 will either be refunded to the NNWPC or used for program continuation in 2010.



TO: Northern Nevada Water Planning Commission
FROM: Lora Richards, Resource Planner
DATE: February 23, 2009
SUBJECT: **Truckee Meadows Community Forestry Coalition (TMCFC)**

TMWA staff will give a brief presentation to the Northern Nevada Water Planning Commission on the Truckee Meadows Community Forestry Coalition (TMCFC) at its March meeting.

The TMCFC brings together local agencies and organizations for the purpose of promoting a sustainable, regional community forest in and around the Truckee Meadows, recognizing the benefits of both public and private trees. Trees provide substantial environmental, economic, and aesthetic value to the entire community.

The presentation will cover:

1. Who is the TMCFC?
2. TMCFC goals and objectives
3. 2009 work program elements
4. TMWA's commitment to the TMCFC as part of its regional responsible water use efforts.

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 24, 2009

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: Discussion and possible recommendation to the Western Regional Water Commission (WRWC) concerning: 1) the acceptance of a possible Clean Water Act Grant for Section 208 Water Quality Planning Activities from the Nevada Division of Environmental Protection in the amount of approximately \$40,000 and 2) approval of an Amendment to an Interlocal Agreement with the City of Reno to include the grant funds and a scope of work for regional integrated wastewater system planning to be completed by Eco:Logic Engineering

SUMMARY

Staff has been in recent communication with Randy Pahl of the Nevada Division of Environmental Protection and Gretchen Eykelbosh of the Truckee Meadows Regional Planning Agency (TMRPA) concerning the possibility that approximately \$40,000 in federal economic stimulus package funding may be made available to the local 208 Agency in the form of a Clean Water Act grant. Mr. Pahl has indicated that the award to the State is anticipated in mid- to late-March and that the timeframe to appropriate and expend the funds is expected to be short. A letter to Ms. Eykelbosh from me is attached for your reference.

To my knowledge, the request to designate the WRWC as the local 208 Agency has not yet been acted on by the Governor. In anticipation that the designation will be finalized soon, TMRPA staff has discussed with me the thought that a grant agreement directly between the State and the WRWC would be an efficient way to comply with the tight timeframe.

I have discussed possible scope of work ideas with NNWPC members representing wastewater service providers and arrived on an agreeable concept. The proposed project would use existing water and wastewater projections and information provided by the wastewater service providers. A regional level summary of existing and planned wastewater facility capacities, effluent disposal capacities, constraints and plans to remedy constraints (including estimated costs, if known) would be provided along with a range of possible additional reclaimed water use and infrastructure linkage alternatives. The outcome would be a report on the above that includes a graphical representation of existing and future conditions for water supply, wastewater treatment, reclaimed water and wastewater disposal requirements. The report could be used for evaluating additional alternatives and as a basis for more detailed wastewater and reclaimed water facility planning. A proposed scope of work is being prepared for presentation to the NNWPC on March 4, 2009.

Should the NNWPC approve the recommendation, I anticipate that this item will go before the WRWC on April 10, 2009.

RECOMMENDATION

Staff recommends that the NNWPC make a recommendation to the WRWC that it apply for and accept the grant from the State and approve an amendment to an existing Interlocal Agreement with the City of Reno to include additional funding in the same amount as the grant funds and a scope of work for regional integrated wastewater system planning to be completed by Eco:Logic Engineering.

JS:jd

Attachment: February 24, 2009, letter to Ms. Eykelbosh, TMRPA

Western Regional Water Commission

February 24, 2009

Gretchen Eykelbosh
Truckee Meadows Regional Planning Agency
One East First Street, Suite 1100
Reno, NV 89501

Re: Clean Water Act Grant for 208 Program Activities

Dear Gretchen:

I have been in communication recently with you and Randy Pahl of the Nevada Division of Environmental Protection concerning the possibility that approximately \$40,000 in federal economic stimulus package funding may be made available to the local 208 Agency in the form of a Clean Water Act grant. I understand from Mr. Pahl that the grant would be made available for 208 Program activities and that the timeframe to appropriate and expend the funds might be short.

As we are both aware, the request to designate the Western Regional Water Commission (WRWC) as the local 208 Agency has not yet been acted on by the Governor. As we discussed, in anticipation that the designation will be finalized soon, a grant agreement directly between the State and the WRWC would be an efficient way to comply with the tight timeframe.

I have made it a priority to develop a scope of work for wastewater facility planning that would be eligible for grant funding. I will take a proposal to the Northern Nevada Water Planning Commission on March 4, 2009, and seek a recommendation to the WRWC for authorization to receive the grant should it become available and execute an agreement with a local government agency or a consulting engineering firm to complete the scope of work. I anticipate that this item would go before the WRWC on April 10, 2009.

Please contact me at 954-4657 or jsmitherman@washoecounty.us with any questions or concerns.

Sincerely,



Jim Smitherman,
Water Resources Program Manager

JS:jd

cc: Randy Pahl

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 24, 2009

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: Review of the Western Regional Water Management Fund preliminary budget for the fiscal year 2009-2010, and possible recommendation to the WRWC

SUMMARY

Staff has developed a preliminary fiscal year 2009-2010 budget for the Western Regional Water Management Fund that is consistent with work plan priorities and cash flow projections accepted by the NNWPC at previous meetings. The attached preliminary budget includes revenues, staff and non-staff professional services, and in-kind services. Additional pages include an updated four-year cash projection as of December 31, 2008, budget details for professional services related to priority projects and routine operating expenses, and estimated expenditures through the remainder of the current fiscal year.

BACKGROUND

The Western Regional Water Commission is required to submit a budget to the Nevada Department of Taxation after holding a hearing in May 2009. The attached preliminary budget is provided for NNWPC review, discussion, possible direction to staff and possible recommendation to the WRWC as presented or with revisions.

FISCAL IMPACT

The fiscal year 2009-2010 budget recommendation provides for \$1,476,180 in revenues \$2,533, 015 in expenses and an ending fund balance of \$2,441,938. Budget expenses include a maximum of \$1.96 million for Work Plan activities that were reviewed and recommended by the NNWPC, \$480,932 for three full time staff and a WRWC attorney, and various routine operating expenses in the amount of \$92,000.

RECOMMENDATION

Staff recommends that the NNWPC review the proposed fiscal year 2009-2010 budget and, if acceptable, make a recommendation to the WRWC for approval.

JS:jd

Attachment: Western Regional Water Commission July 1, 2009 – June 30, 2010
Proposed Budget

Western Regional Water Commission
July 1, 2009 - June 30, 2010
Proposed Budget

| Budget Category | 1.5% WMF | NOTE | Washoe County In-Kind | NOTE | TMWA In-Kind | NOTE | SVGID In-Kind | NOTE |
|---|------------------|------|-----------------------|------|---------------|------|---------------|------|
| REVENUE (Page 2) | Amount | | Amount | | Amount | | Amount | |
| Estimated Water Surcharge Revenues | 1,446,000 | | | | | | | |
| Estimated Interest Income | 30,180 | | | | | | | |
| Total Revenue | 1,476,180 | | 0 | | 0 | | 0 | |
| PROFESSIONAL SERVICES/SUPPLIES | Amount | | Amount | | Amount | | Amount | |
| Estimated Professional Services (Page 3) | 1,960,083 | 1 | | | | | | |
| Staff Services (Page 4) | 480,932 | 2 | 62,629 | 3 | 25,200 | 4 | 1,500 | 8 |
| Non-Staff Services (Page 4) | 92,000 | | | | 1,200 | 5 | | |
| Total Professional Services/Supplies | 2,533,015 | | 62,629 | | 26,400 | | 1,500 | |
| OTHER EXPENSES | Amount | | Amount | | Amount | | Amount | |
| Estimated Misc. | | | 97,237 | 6 | 2,000 | 7 | | |
| Total Other Expense | 0 | | 97,237 | | 2,000 | | | |
| Total Expenses | 2,533,015 | | 159,866 | | 28,400 | | 1,500 | |

Net Decrease in Cash Reserves (\$1,056,835)

| | |
|---|----------------------|
| Cash Balance as of 12/31/08 | <u>\$3,228,635</u> |
| Estimated 3rd& 4th Quarter 2008/09 Cash and Accounts Receivable | <u>\$756,072</u> |
| Estimated 3rd& 4th Quarter 2008/09 expenditure (Page 5) | <u>(\$485,934)</u> |
| Estimated cash balance as of 7/1/09 | <u>\$3,498,773</u> |
| Net Decrease in Cash Reserves | <u>(\$1,056,835)</u> |
| Estimated cash balance as of 6/30/10 | <u>\$2,441,938</u> |

NOTES:

- Proposed budget provides legal spending authority for projects yet to be approved by the WRWC upon recommendations provided by the NNWPC. Specific per project scope and cost yet to be developed and approved by the WRWC.
- Proposed budget provides legal spending authority for contract staff services previously approved by the WRWC.
- Washoe County estimate for labor overhead: 1.5% fund management, accounting, purchasing, human resources, information technology, routine/administrative and GIS/drafting services.
- TMWA estimate to perform administrative tasks such as drafting and posting agendas, producing staff reports, delivering agenda packets, contracts to provide WRWC minutes and website postings and updates.
- TMWA estimate for supplies to produce agendas, staff reports and agenda packets.
- Washoe County estimate for services and supplies overhead: office space, utilities, computer hardware, software, copier, supplies.
- TMWA estimate for office space, copier, computer expenditures.
- Cost for various SVGID overhead related to providing staff resources.

**Western Regional Water Planning Commission
Cash Flow Projections
November 1, 2008 - December 31, 2012**

| Quarter Ending | Revenues | | | Operating Expenses | | | | | | | | | Projects | | | | | | Cash Balance Running Total | | |
|----------------|--|----------------------------|------------------------------------|----------------------|--------------------|-------------------|-------------------|---------|-----------------------------|-------------------|-------------------|--|---|----------------------|----------------------|--------------------|---|---|----------------------------|-----------------------|---------------------------|
| | Projected Water Fund Revenue (Assumes No Increase) | Projected Inv. Income @ 1% | Total Projected Water Fund Revenue | WRWC Employees* | Legal Counsel* | Minutes* | Website | SNCAT | Regional Travel & Training* | CAFR & Audit | Misc. Operating* | Expiration of In-Kind Services (TMWA/D WR/SVGID) | Total Operating Expenses ^{1,2,3} | TMDL Phase I - LTI | TMDL CCP | IWRPNV | Conservation, Sustainability, Climate Change* | Wastewater Facility Planning ⁴ | | Water Management Plan | Total Project Expenditure |
| 10/31/2008 | | | | | | | | | | | | | | | | | | | | | |
| 12/31/2008 | | | | | | | | | | | | | | | | | | | | | 3,228,635 |
| 3/31/2009 | 257,332 | 8,201 | 265,533 | | | | | | | | | | (137,733) | | | | | | | (23,947) | 3,332,488 |
| 6/30/2009 | 482,000 | 8,539 | 490,539 | | | | | | | | | | (137,733) | | | | | | | (186,521) | 3,498,773 |
| 9/30/2009 | 482,000 | 8,601 | 490,601 | (84,233) | (36,000) | (5,000) | (5,000) | (2,500) | (2,500) | (22,000) | (2,500) | 0 | (159,733) | (105,000) | (57,500) | (92,521) | (47,500) | (50,000) | (95,000) | (447,521) | 3,382,120 |
| 12/31/2009 | 241,000 | 8,035 | 249,035 | (84,233) | (36,000) | (5,000) | (5,000) | (2,500) | (2,500) | | (2,500) | 0 | (137,733) | (105,000) | (57,500) | (92,521) | (47,500) | (50,000) | (95,000) | (447,521) | 3,045,902 |
| 3/31/2010 | 241,000 | 7,150 | 248,150 | (84,233) | (36,000) | (5,000) | (5,000) | (2,500) | (2,500) | | (2,500) | 0 | (137,733) | (105,000) | (25,000) | (135,021) | (47,500) | (50,000) | (120,000) | (482,521) | 2,673,798 |
| 6/30/2010 | 482,000 | 6,395 | 488,395 | (84,233) | (36,000) | (5,000) | (5,000) | (2,500) | (2,500) | | (2,500) | 0 | (137,733) | (105,000) | (25,000) | (235,021) | (47,500) | (50,000) | (120,000) | (582,521) | 2,441,938 |
| 9/30/2010 | 482,000 | 5,988 | 487,988 | (86,742) | (37,500) | (5,150) | (5,000) | (2,500) | (2,500) | (23,000) | (2,500) | 0 | (164,892) | (105,000) | (25,000) | (212,500) | (49,000) | | (25,000) | (416,500) | 2,348,535 |
| 12/31/2010 | 241,000 | 5,544 | 246,544 | (86,742) | (37,500) | (5,150) | (5,000) | (2,500) | (2,500) | | (2,500) | 0 | (141,892) | (105,000) | (25,000) | (162,500) | (49,000) | | (25,000) | (366,500) | 2,086,687 |
| 3/31/2011 | 241,000 | 5,001 | 246,001 | (86,742) | (37,500) | (5,150) | (5,000) | (2,500) | (2,500) | | (2,500) | 0 | (141,892) | (105,000) | (25,000) | (87,500) | (49,000) | | (10,000) | (276,500) | 1,914,296 |
| 6/30/2011 | 482,000 | 4,871 | 486,871 | (86,742) | (37,500) | (5,150) | (5,000) | (2,500) | (2,500) | | (2,500) | 0 | (141,892) | (105,000) | (25,000) | (87,500) | (49,000) | | (10,000) | (276,500) | 1,982,775 |
| 9/30/2011 | 482,000 | 4,955 | 486,955 | (89,326) | (39,000) | (5,300) | (5,000) | (2,500) | (2,500) | (24,000) | (2,500) | 0 | (170,126) | (105,000) | (25,000) | (137,500) | (50,500) | | | (318,000) | 1,981,604 |
| 12/31/2011 | 241,000 | 4,681 | 245,681 | (89,326) | (39,000) | (5,300) | (5,000) | (2,500) | (2,500) | | (2,500) | 0 | (146,126) | (105,000) | (25,000) | (137,500) | (50,500) | | | (318,000) | 1,763,159 |
| 3/31/2012 | 241,000 | 4,306 | 245,306 | (89,326) | (39,000) | (5,300) | (5,000) | (2,500) | (2,500) | | (2,500) | 0 | (146,126) | (105,000) | (25,000) | | (50,500) | | | (180,500) | 1,681,839 |
| 6/30/2012 | 482,000 | 4,404 | 486,404 | (89,326) | (39,000) | (5,300) | (5,000) | (2,500) | (2,500) | | (2,500) | 0 | (146,126) | (105,000) | (25,000) | | (50,500) | | | (180,500) | 1,841,617 |
| 9/30/2012 | 482,000 | 4,766 | 486,766 | (91,988) | (40,500) | (5,450) | (5,000) | (2,500) | (2,500) | (25,000) | (2,500) | 0 | (175,438) | (105,000) | (25,000) | | (52,000) | | | (182,000) | 1,970,945 |
| 12/31/2012 | 241,000 | 4,819 | 245,819 | (91,988) | (40,500) | (5,450) | (5,000) | (2,500) | (2,500) | | (2,500) | 0 | (150,438) | (105,000) | (25,000) | | (52,000) | | | (182,000) | 1,884,326 |
| TOTALS | \$5,800,332 | \$96,257 | \$5,896,589 | (\$1,225,181) | (\$531,000) | (\$72,700) | (\$70,000) | | | (\$35,000) | (\$94,000) | (\$35,000) | \$0 | (\$2,373,347) | (\$1,470,000) | (\$415,000) | (\$1,380,083) | (\$692,000) | (\$200,000) | (\$500,000) | (\$4,867,551) |

* Assumes an approximate increase of 3% annually.

Notes:

- Operating expenses include: employees, legal counsel, minutes, web site, travel & training, annual audit and miscellaneous expenses (i.e. SNCAT, printing & reproduction, publications, periodicals and public notices). Includes annual increase of 3% for select operational expenses.
- Based on projected quarterly operating expenditures, a minimum of \$400,000 would be required for a 6-month operational reserve.
- Assumes continuation of in-kind service contributions.
- Cost is for regional planning element. Assumes majority of funding to be provided by wastewater purveyors.

**Western Regional Water Planning Commission
Fiscal Year 2009-2010 Professional Services Budget Detail**

| Professional Services Budget Category | 2008/2009 P.O. Amount Issued | Estimated Expenditure Through 6/30/2009 | Estimated Amount Remaining as of 6/30/2009 | 2009/2010 1st Quarter 7/1/09-9/30/09 Budget | 2009/2010 2nd Quarter 10/1/09-12/31/09 Budget | 2009/2010 3rd Quarter 1/1/10-3/31/10 Budget | 2009/2010 4th Quarter 3/31/10-6/30/10 Budget | 2009/2010 Available Budget Total | Expense Description/Example |
|---|------------------------------|---|--|---|---|---|--|----------------------------------|---|
| TMDL Phase I - LTI | | | | 105,000 | 105,000 | 105,000 | 105,000 | \$420,000 | Budget estimated based on four year cash flow projection. |
| TMDL Facilitation CCP | | | | \$57,500 | \$57,500 | \$25,000 | \$25,000 | \$165,000 | Budget estimated based on four year cash flow projection. |
| <i>North Valleys Initiative</i> | | | | \$70,000 | \$70,000 | \$112,500 | \$212,500 | | Budget estimated based on four year cash flow projection plus carryover purchase order budgets from previous year's on-going projects. |
| <i>Silver Lake Playa (LOMR) Public Education</i> | \$77,072 | \$36,989 | \$40,083 | \$10,021 | \$10,021 | \$10,021 | \$10,021 | | |
| <i>Marlin Drain Hydraulic Analysis</i> | \$0 | \$0 | \$50,000 | \$12,500 | \$12,500 | \$12,500 | \$12,500 | | |
| Integrated Water Resource Plan for the North Valleys | | | | \$92,521 | \$92,521 | \$135,021 | \$235,021 | \$555,083 | |
| Conservation, Sustainability, Climate Change | | | | \$47,500 | \$47,500 | \$47,500 | \$47,500 | \$190,000 | Budget estimated based on four year cash flow projection which is inclusive of carryover purchase order budgets from previous year's on-going projects. |
| Wastewater Facility Planning | | | | \$50,000 | \$50,000 | \$50,000 | \$50,000 | \$200,000 | Budget estimated based on four year cash flow projection. |
| Water Management Plan | | | | \$95,000 | \$95,000 | \$120,000 | \$120,000 | \$430,000 | Budget estimated based on four year cash flow projection. |
| Totals | | | | \$447,521 | \$447,521 | \$482,521 | \$582,521 | \$1,960,083 | |

**Western Regional Water Planning Commission
Fiscal Year 2009-2010 Routine Operating Budget Detail**

| Quarter Ending | 2009/2010 1st Quarter 7/1/09-9/30/09 Budget | 2009/2010 2nd Quarter 10/1/09- 12/31/09 Budget | 2009/2010 3rd Quarter 1/1/10-3/31/10 Budget | 2009/2010 4th Quarter 3/31/10- 6/30/10 Budget | 2009/2010 Annual Routine Operating Budget Total | Expense Description/Example |
|--|--|--|--|---|--|--|
| WRWC Employees | \$83,633 | \$83,633 | \$83,633 | \$83,633 | \$334,532 | Cost for <i>Support Staff</i> services as defined by employee services contract entered into between Washoe County and WRWC. |
| Legal Counsel | \$36,000 | \$36,000 | \$36,000 | \$36,000 | \$144,000 | Cost for <i>Legal Counsel</i> services as defined by contract as entered into between Washoe County and WRWC |
| Mileage Expenses | \$600 | \$600 | \$600 | \$600 | \$2,400 | Annual routine daily vehicle mileage expenses. |
| <i>Service Services Subtotal</i> | \$120,233 | \$120,233 | \$120,233 | \$120,233 | \$480,932 | |
| Minutes | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$20,000 | Annual service contract to provide for recording of meetings and transcription of minutes. |
| Website | \$5,000 | \$5,000 | \$5,000 | \$5,000 | \$20,000 | Contract for initial website development; website content and design services; annual website updating, maintenance, and hosting; specialized programming services; digital library development and updating; hosting, development and maintenance of SharePoint site; licensing fees, software and software updates, training/programming reference materials. |
| SNCAT | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$10,000 | Annual Expense for SNCAT's video coverage of WRWC and NNWPC Meetings. |
| Regional Travel & Training | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$10,000 | Cost of travel and training for staff members <i>not covered by in-kind services</i> including transportation services, mileage reimbursement, lodging, meals, registration and other miscellaneous cost such as reference materials, parking meters, field trips, etc. |
| CAFR & Audit | \$22,000 | \$0 | \$0 | \$0 | \$22,000 | Annual Expense for CAFR development and Financial Audit. |
| Misc. Operating | \$2,500 | \$2,500 | \$2,500 | \$2,500 | \$10,000 | Printing & reproduction, publications, and public notices, refreshments for volunteer boards/commissions, GIS and other in-house member agency support (not covered by in-kind services), equipment & supplies (i.e. computers, computer related supplies such as CDs, DVDs, etc.), projectors, printers, CD label machine, poster board, reproduction services, software licensing and fees, advertising, labels, business cards, periodicals, subscriptions, books, postage & mailing, promotion and public materials, miscellaneous equipment rental. |
| Expiration of In-Kind Services (TMWA/DWR/SVGID) | \$0 | \$0 | \$0 | \$0 | \$0 | Currently all in-kind service costs are covered by member agencies as specified by interlocal agreement. |
| <i>Non-Staff Services Subtotal</i> | \$39,500 | \$17,500 | \$17,500 | \$17,500 | \$92,000 | |
| Totals | \$159,733 | \$137,733 | \$137,733 | \$137,733 | \$572,932 | Currently all in-kind service costs are covered by member agencies as specified by interlocal agreement. |

Estimated Expenditures For 3rd & 4th Quarter 2008/09

| Quarter Ending | 2009/2010 3rd Quarter 1/1/10-3/31/10 Budget | 2009/2010 4th Quarter 3/31/10-6/30/10 Budget | Total Spending as of 6/30/09 |
|--|--|---|---------------------------------|
| WRWC Employees | 83,633 | 83,633 | 167,266 |
| Legal Counsel | 36,000 | 36,000 | 72,000 |
| Minutes | 5,000 | 5,000 | 10,000 |
| Mileage Expenses | 600 | 600 | 1,200 |
| <i>Service Contract Subtotal</i> | 125,233 | 125,233 | 250,466 |
| Website | 5,000 | 5,000 | 10,000 |
| Regional Travel & Training | 2,500 | 2,500 | 5,000 |
| CAFR & Audit | 0 | 0 | 0 |
| SNCAT | 2,500 | 2,500 | 5,000 |
| Misc. Operating | 2,500 | 2,500 | 5,000 |
| Expiration of In-Kind Services (TMWA/DWR/SVGID) | 0 | 0 | 0 |
| <i>Non-Service Related Routine Operating Subtotal</i> | 12,500 | 12,500 | 25,000 |
| Routine Operating Expense Sub Totals | 137,733 | 137,733 | 275,466 |
| TMDL LTI Phase I | 0 | 48,409 | 48,409 |
| TMDL Facilitation CCP | 0 | 18,460 | 18,460 |
| North Valleys Initiative | 0 | 75,426 | 75,426 |
| <i>Silver Lake Playa (LOMR) Public Education</i> | 0 | 15,090 | 15,090 |
| <i>Marlin Drain Hydraulic Analysis</i> | 0 | 0 | 0 |
| Conservation, Sustainability, Climate Change | 0 | 0 | 0 |
| <i>Washoe ET Project</i> | 2,922 | 2,922 | 5,844 |
| <i>(DinSar) Groundwater Monitoring Program</i> | 0 | 5,189 | 5,189 |
| <i>2009 Water Usage Review Program</i> | 16,025 | 16,025 | 32,050 |
| <i>Certified Landscape Technician Program</i> | 5,000 | 5,000 | 10,000 |
| Wastewater Facility Planning | 0 | 0 | 0 |
| Water Management Plan | 0 | 0 | 0 |
| <i>Project Subtotal</i> | 23,947 | 186,521 | 210,468 |
| Totals | 286,913 | 449,487 | 485,934 |

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 26, 2009
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: June Davis, Administrative Secretary
SUBJECT: Informational report regarding the Truckee Meadows Water Authority Standing Advisory Committee

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

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 25, 2009
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) Listing of Bill Draft Requests (BDRs) (Short List) that may affect the NNWPC
- d) Truckee River Flood Management Project status report

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

| Approved by Water Planning Commission | Approved by WRWC | Project Name | Contractor/Provider | Contract Amount | Balance Remaining | Percent Complete | Target Completion Date | Notes |
|---------------------------------------|-------------------|---|----------------------------------|-----------------|-------------------|------------------|------------------------|--|
| 01/04/06 | By BCC on 9/26/06 | (DinSar) Groundwater Monitoring Program Using Satellite Radar Images | Dr. Gary Oppliger | 42,000 | 17,875 | 57% | 12/31/09 | Archive of images (3 yr contract) through 12/31/09. |
| 6/20/07 | N/A | Water Plan & Hydrologic Criteria & Drainage Design Manual update - editing & formatting | Niki Linn | 20,000 | 3,570 | 82% | 6/30/09 | The new title is: Truckee Meadows Regional Drainage Manual; draft is available at www.washoecounty.us/pubworks/engineering |
| 8/15/07 | N/A | Washoe Evapotranspiration (ET) | DRI (Desert Research Institute) | 20,745 | 14,160 | 32% | 12/31/09 | (2 yr contract through 12/31/09) |
| 11/7/07 | 4/11/08 | River Restoration BMP Handbook & Website | Kennedy Jenks Consultants | 49,640 | 8,306 | 83% | 6/30/09 | Work is in progress |
| 11/7/07 | 4/11/08 | Silver Lake Playa (LOMR) Public Education | City of Reno | 77,072 | 15,090 | 80% | 12/01/09 | Work is in progress |
| 6/4/08 | 6/13/08 | North Valleys Initiative | City of Reno / Eco:Logic | 172,448 | 75,426 | 56% | 11/01/09 | Work is in progress |
| 6/4/08 | 6/13/08 | TMDL Facilitation w/ Dave Ceppos | Cal State University Sacramento | 142,500 | 118,716 | 17% | 8/01/10 | Work is in progress |
| 6/4/08 | 6/13/08 | TMDL Phase 1 | City of Reno LimnoTech | 197,500 | 138,049 | 30% | 11/01/09 | Work is in progress |
| 11/5/08 | 12/12/08 | Certified Landscape Technician Program | Nevada Landscape Association | 8,120 | 8,120 | 0% | 9/30/09 | Notice to Proceed sent to NLA |
| 11/5/08 | 12/12/08 | Conservation Practitioner Certification Program & Training | American Water Works Association | 25,000 | 25,000 | 0% | 6/30/09 | Notice to Proceed sent to AWWA |

Operations:

| | | | | | | | | |
|-----|---------|-------------------------------|-----------|--------|-------|-----|---------|--|
| N/A | 7/11/08 | SNCAT televise NNWPC meetings | SNCAT | 4,500 | 1,125 | 75% | 6/30/09 | |
| N/A | 7/11/08 | SNCAT televise WRWC meetings | SNCAT | 4,500 | 1,125 | 75% | 6/30/09 | |
| N/A | 7/11/08 | NNWPC Minutes | Niki Linn | 10,000 | 8,080 | 19% | 6/30/09 | |
| N/A | 7/11/08 | WMHB Minutes | Niki Linn | 10,000 | 9,220 | 8% | 6/30/09 | |

**Western Regional Water Commission
Expenditure Status**

Run Date: 2/23/09
Fund 766
Period 1 thru 8 2009
Report: 400/ZF15

| Accounts | Plan | Actual | PO Commit | Actual + PO | Available | Avail% | PreCommit | Available | Avail% |
|--------------------------------|-------------------|--------------------|-------------------|--------------------|-------------------|---------------|------------------|-------------------|---------------|
| ** REVENUE | 1,521,564.00- | 1,057,669.65- | | 1,057,669.65- | 463,894.35- | 30- | | 463,894.35- | 30- |
| 701150 Contractual Wages | 498,533.00 | 162,229.22 | | 162,229.22 | 336,303.78 | 67 | | 336,303.78 | 67 |
| * SALARIES AND WAGES | 498,533.00 | 162,229.22 | | 162,229.22 | 336,303.78 | 67 | | 336,303.78 | 67 |
| 710100 Professional Services | 1,600,000.00 | 382,200.03 | 411,377.34 | 793,577.37 | 806,422.63 | 50 | | 806,422.63 | 50 |
| 710115 Prof Eng Services | | 9,163.14 | | 9,163.14 | 9,163.14- | | | 9,163.14- | |
| 710120 Legal Fees | | 84,000.00 | 108,000.00 | 192,000.00 | 192,000.00- | | | 192,000.00- | |
| 710149 Invest Pool Alloc Ex | | 1,349.81 | | 1,349.81 | 1,349.81- | | | 1,349.81- | |
| 710200 Service Contract | | 55,251.87 | 32,034.67 | 87,286.54 | 87,286.54- | | | 87,286.54- | |
| 710355 Books and Subscriptions | | 10,000.00 | | 10,000.00 | 10,000.00- | | | 10,000.00- | |
| 710509 Seminars and Meetings | | 5,135.40 | | 5,135.40 | 5,135.40- | | | 5,135.40- | |
| 710546 Advertising | | 1,851.44 | 404.00 | 2,255.44 | 2,255.44- | | | 2,255.44- | |
| 711210 Travel | | 3,537.88 | | 3,537.88 | 3,537.88- | | | 3,537.88- | |
| * SERVICES AND SUPPLIES | 1,600,000.00 | 552,489.57 | 551,816.01 | 1,104,305.58 | 495,694.42 | 31 | | 495,694.42 | 31 |
| ** EXPENDITURES | 2,098,533.00 | 714,718.79 | 551,816.01 | 1,266,534.80 | 831,998.20 | 40 | | 831,998.20 | 40 |
| *** Total | 576,969.00 | 342,950.86- | 551,816.01 | 208,865.15 | 368,103.85 | 64- | | 368,103.85 | 64- |

Northern Nevada Water Planning Commission

DATE: February 25, 2009
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Bill Draft Requests

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

- | | | |
|---------|---|------------|
| 375 | Legislative Committee for the Review and Oversight of the Tahoe Regional Planning Agency and the Marlette Lake Water System (NRS 218.53871) Authorizes the issuance of bonds for environmental improvement projects for Lake Tahoe for 2009-2019. (See AB18) | 8/26/2008 |
| ****394 | Senator Care Prohibits certain restrictions on the use of gray water. (See SB126 Attached) | 8/28/2008 |
| 473 | Washoe County Authorizes counties to prohibit use of private water or septic systems where available public water or sewer systems exist and provide a program to mitigate the costs of connection to the public system. (See AB54) | 8/29/2008 |
| | Intent of BDR: To clarify use of public funds for the public purpose of assisting with paying connection fees for public water/sewer systems where individual systems are failing and are failing or degrading water sources; specifically: amend of Chapter 244 of NRS to authorize the Board of County Commissioners to order a person with an individual sewage disposal system to connect to reasonably available municipal sewer if the property owner's system is failing or the system is demonstrably degrading a source of drinking water or increasing the costs of treating drinking water; and further, to authorize the County to use grants, gifts or water department funds to pay for the connection fees of those ordered to connect. | |
| 502 | Legislative Committee on Public Lands (NRS 218.5363) Revises provisions governing the awarding of grants to certain purveyors of water. (See SB105) | 9/01/2008 |
| 503 | Legislative Committee on Public Lands (NRS 218.5363) Makes an appropriation to the State Engineer to develop a hydrologic database for water basins in Nevada. | 9/01/2008 |
| 534 | Senator Beers Revises requirements for individual water meters in mobile home parks. | 9/02/2008 |
| 680 | Assemblyman Hogan Revises provisions relating to conservation of water. | 11/19/2008 |
| 693 | Assemblyman Goedhart Revises provisions relating to the rates of smaller public utilities that furnish water or services for sewage. | 11/21/2008 |

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

- | | | |
|--------|---|------------|
| 732 | Assemblyman Goicoechea Requires the completion of an inventory of an entire water basin before consideration of an interbasin transfer. | 12/10/2008 |
| 22-750 | Assemblywoman Leslie Requires the Truckee Meadows Regional Plan to include policies that are based on identified and sustainable water resources within Washoe County. (See AB119) | 12/11/2008 |
| 848 | Senate Committee on Natural Resources Establishes parity in oversight of regional water authorities. | 12/15/2008 |
| 849 | Senate Committee on Natural Resources Provides for study of economic impact of water importation projects and development of a sensible water strategy. | 12/15/2008 |
| 887 | Assemblyman Bobzien Makes various changes concerning the state water policy. | 12/15/2008 |
| 924 | Senator Mathews Joint Requester: Assemblywoman Smith Requires the fluoridation of public water systems serving Washoe County. | 12/15/2008 |
| R--984 | Senator Rhoads SJR: Urges Congress to preserve the traditional power of states over land and water use. | 2/02/2009 |
| 1041 | Assemblyman Goedhart Revises provisions relating to the filing of a protest to an application to appropriate water. | 2/09/2009 |
| 1049 | Assemblyman Grady Revises provisions governing grants for water conservation and capital improvements to certain water systems. (By Request) | 2/09/2009 |
| 1086 | Senator Rhoads Revises provisions governing notification of applications for permits to appropriate water. | 2/09/2009 |
| 1087 | Assemblywoman Leslie Provides for the use of gray water for residential landscapes. | 2/09/2009 |
| 1161 | Assembly Committee on Government Affairs Increases the fee that is authorized to be imposed for intercounty and interstate transfers of groundwater. | 2/20/2009 |

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



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SB126

Introduced in the Senate on Feb 11, 2009.

By: (**Bolded** name indicates primary sponsorship)
Care

*Requires local governments to allow the reuse of graywater in single-family residences.
 (BDR 48-394)*

Fiscal Notes [View Fiscal Notes](#)

Effect on Local Government: No.
 Effect on State: Yes.

Most Recent History From printer. To committee.
Action:
(See full list below)

Upcoming Hearings

Past Hearings

Votes

Bill Text [As Introduced](#)

Bill History

Feb 11, 2009

- Read first time. Referred to Committee on Natural Resources. To printer.

Feb 12, 2009

- From printer. To committee.

[Session Info](#) | [Interim Info](#) | [Law Library](#) | [General Info](#) | [Counsel Bureau](#) | [Research Library](#) | [Assembly](#) | [Senate](#) | [FAQs](#)
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SENATE BILL NO. 126—SENATOR CARE

FEBRUARY 11, 2009

Referred to Committee on Natural Resources

SUMMARY—Requires local governments to allow the reuse of graywater in single-family residences. (BDR 48-394)

FISCAL NOTE: Effect on Local Government: No.
Effect on the State: Yes.

~

EXPLANATION – Matter in *bolded italics* is new; matter between brackets ~~omitted material~~ is material to be omitted.

AN ACT relating to water resources; requiring local governments to allow the reuse of graywater in single-family residences; requiring suppliers of water and public utilities which furnish water to include an increase in the reuse of graywater as a part of their plans of water conservation; authorizing suppliers of water and public utilities to provide incentives for the installation and use of systems for the reuse of graywater; requiring the State Environmental Commission to adopt regulations concerning the reuse of graywater; and providing other matters properly relating thereto.

Legislative Counsel’s Digest:

1 Existing law requires suppliers of water and public utilities that furnish water to
2 adopt plans of water conservation. (NRS 540.131, 704.662) **Sections 8 and 13** of
3 this bill require those suppliers of water and public utilities to include an increase in
4 the reuse of graywater as a part of their plans of water conservation. **Sections 9 and**
5 **14** of this bill authorize suppliers of water and public utilities to provide incentives
6 for the installation and use of systems for the reuse of graywater. **Section 11** of this
7 bill requires the State Environmental Commission to adopt regulations establishing
8 standards for systems for the reuse of graywater and regulating the reuse of
9 graywater. **Section 7** of this bill provides that local governments cannot prohibit the
10 reuse of graywater in single-family residences if the use is consistent with those
11 regulations.



THE PEOPLE OF THE STATE OF NEVADA, REPRESENTED IN
SENATE AND ASSEMBLY, DO ENACT AS FOLLOWS:

1 **Section 1.** Chapter 540 of NRS is hereby amended by adding
2 thereto the provisions set forth as sections 2 to 5, inclusive, of this
3 act.

4 **Sec. 2.** *As used in NRS 540.121 to 540.151, inclusive, and*
5 *sections 2 to 5, inclusive, of this act, unless the context otherwise*
6 *requires, the words and terms defined in NRS 540.121 and*
7 *sections 3, 4 and 5 of this act have the meanings ascribed to them*
8 *in those sections.*

9 **Sec. 3.** *“Graywater” means wastewater that:*

10 1. *Is collected separately from sewage;*

11 2. *Originates from a clothes washer or a bathroom tub,*
12 *shower or sink; and*

13 3. *Does not contain industrial chemicals, hazardous wastes or*
14 *wastewater from toilets, kitchen sinks or dishwashers.*

15 **Sec. 4.** *“Single-family residence” means a parcel or other*
16 *unit of real property or unit of personal property which is intended*
17 *or designed to be occupied by one family with facilities for living,*
18 *sleeping, cooking and eating.*

19 **Sec. 5.** *“System for the reuse of graywater” means a*
20 *plumbing system for a single-family residence that collects*
21 *graywater.*

22 **Sec. 6.** NRS 540.121 is hereby amended to read as follows:

23 540.121 ~~[As used in NRS 540.121 to 540.151, inclusive,~~
24 ~~“supplier”]~~ **“Supplier** of water” includes, but is not limited to:

25 1. Any county, city, town, local improvement district, general
26 improvement district and water conservancy district;

27 2. Any water district, water system, water project or water
28 planning and advisory board created by a special act of the
29 Legislature; and

30 3. Any other public or private entity,
31 ↳ that supplies water for municipal, industrial or domestic
32 purposes. The term does not include a public utility required to
33 adopt a plan of water conservation pursuant to NRS 704.662.

34 **Sec. 7.** NRS 540.131 is hereby amended to read as follows:

35 540.131 1. Except as otherwise provided in subsection 5,
36 each supplier of water which supplies water for municipal, industrial
37 or domestic purposes shall, on or before July 1, 1992, adopt a plan
38 of water conservation based on the climate and the living conditions
39 of its service area in accordance with the provisions of NRS 540.141

40 [] and shall update the plan pursuant to paragraph (c) of subsection
41 4. The provisions of the plan must apply only to the supplier’s
42 property and its customers. The supplier of water shall submit the



1 plan to the Section for review by the Section pursuant to
2 subsection 3.

3 2. As part of the procedure of adopting a plan, the supplier of
4 water shall provide an opportunity for any interested person,
5 including, but not limited to, any private or public entity that
6 supplies water for municipal, industrial or domestic purposes, to
7 submit written views and recommendations on the plan.

8 3. The plan must be reviewed by the Section within 30 days
9 after its submission and approved for compliance with this section
10 and NRS 540.141 before it is adopted by the supplier of water.

11 4. The plan:

12 (a) Must be available for inspection by members of the public
13 during office hours at the offices of the supplier of water. ~~{ }~~

14 (b) May be revised from time to time to reflect the changing
15 needs and conditions of the service area. Each such revision must be
16 made available for inspection by members of the public. ~~{ -and }~~

17 (c) Must be updated every 5 years and comply with the
18 requirements of this section and NRS 540.141.

19 5. Suppliers of water:

20 (a) Who are required to adopt a plan of water conservation
21 pursuant to this section; and

22 (b) Whose service areas are located in a common geographical
23 area,

24 ↪ may adopt joint plans of water conservation based on the climate
25 and living conditions of that common geographical area. Such a
26 plan must comply with the requirements of this section and
27 NRS 540.141.

28 6. The board of county commissioners of a county, the
29 governing body of a city and the town board or board of county
30 commissioners having jurisdiction of the affairs of a town shall:

31 (a) Adopt any ordinances necessary to carry out a plan of
32 conservation adopted pursuant to this section which applies to
33 property within its jurisdiction;

34 (b) Establish a schedule of fines for the violation of any
35 ordinances adopted pursuant to this subsection; and

36 (c) Hire such employees as it deems necessary to enforce the
37 provisions of any ordinances it adopts pursuant to this subsection.

38 *7. A board of county commissioners of a county, the*
39 *governing body of a city or the town board or board of county*
40 *commissioners having jurisdiction of the affairs of a town shall*
41 *not prohibit the reuse of graywater in a single-family residence if*
42 *the reuse is consistent with regulations adopted by the State*
43 *Environmental Commission pursuant to NRS 445A.425.*



1 **Sec. 8.** NRS 540.141 is hereby amended to read as follows:
2 540.141 1. A plan or joint plan of water conservation
3 submitted to the Section for review must include , *but is not limited*
4 *to*, provisions relating to:
5 (a) Methods of public education to:
6 (1) Increase public awareness of the limited supply of water
7 in this State and the need to conserve water.
8 (2) Encourage reduction in the size of lawns and encourage
9 the use of plants that are adapted to arid and semiarid climates.
10 (b) Specific conservation measures required to meet the needs of
11 the service area, including, but not limited to, any conservation
12 measures required by law.
13 (c) The management of water to:
14 (1) Identify and reduce leakage in water supplies,
15 inaccuracies in water meters and high pressure in water supplies;
16 ~~and~~
17 (2) Where applicable, increase the reuse of effluent ~~and~~; *and*
18 (3) *Increase the reuse of graywater.*
19 (d) A contingency plan for drought conditions that ensures a
20 supply of potable water.
21 (e) A schedule for carrying out the plan or joint plan.
22 (f) Measures to evaluate the effectiveness of the plan or joint
23 plan.
24 (g) For each conservation measure specified in the plan or joint
25 plan, an estimate of the amount of water that will be conserved each
26 year as a result of the adoption of the plan or joint plan, stated in
27 terms of gallons of water per person per day.
28 2. A plan or joint plan submitted for review must be
29 accompanied by an analysis of:
30 (a) The feasibility of charging variable rates for the use of water
31 to encourage the conservation of water.
32 (b) How the rates that are proposed to be charged for the use of
33 water in the plan or joint plan will maximize water conservation,
34 including, without limitation, an estimate of the manner in which the
35 rates will affect consumption of water.
36 3. The Section shall review any plan or joint plan submitted to
37 it within 30 days after its submission and approve the plan if it is
38 based on the climate and living conditions of the service area and
39 complies with the requirements of this section.
40 4. The Chief may exempt wholesale water purveyors from the
41 provisions of this section which do not reasonably apply to
42 wholesale supply.
43 5. To the extent practicable, the State Engineer shall provide on
44 his Internet website a link to the plans and joint plans that are
45 submitted for review. In carrying out the provisions of this



1 subsection, the State Engineer is not responsible for ensuring, and is
2 not liable for failing to ensure, that the plans and joint plans which
3 are provided on his Internet website are accurate and current.

4 **Sec. 9.** NRS 540.151 is hereby amended to read as follows:

5 540.151 1. Except as otherwise provided in subsection ~~5~~ 6,
6 each supplier of water which supplies water for municipal, industrial
7 or domestic purposes shall adopt a plan to provide incentives:

8 (a) To encourage water conservation in its service area;

9 (b) To retrofit existing structures with plumbing fixtures
10 designed to conserve the use of water; and

11 (c) For the installation of landscaping that uses a minimal
12 amount of water.

13 ↪ The supplier of water may request assistance from the Section to
14 develop its plan.

15 2. *The supplier of water may include in the plan incentives*
16 *for the installation and use of systems for the reuse of graywater.*

17 3. As part of the procedure of adopting a plan, the supplier of
18 water shall provide an opportunity for any interested person to
19 submit written views and recommendations on the plan.

20 ~~3~~ 4. The supplier of water shall file a copy of the plan with
21 the Section for informational purposes.

22 ~~4~~ 5. The plan:

23 (a) Must be available for inspection by members of the public
24 during office hours at the offices of the supplier of water; and

25 (b) May be revised from time to time to reflect the changing
26 needs and conditions of the service area. Each such revision must be
27 made available for inspection by members of the public.

28 ~~5~~ 6. Suppliers of water:

29 (a) Who are required to adopt a plan for incentives pursuant to
30 this section; and

31 (b) Whose service areas are located in a common geographical
32 area,

33 ↪ may adopt joint plans.

34 **Sec. 10.** NRS 445A.395 is hereby amended to read as follows:

35 445A.395 "Point source" means any discernible, confined and
36 discrete conveyance, including , but not limited to , any pipe, ditch,
37 channel, tunnel, conduit, well, discrete fissure, container, rolling
38 stock, concentrated animal feeding operation, or vessel or other
39 floating craft, from which pollutants are or may be discharged. The
40 term does not include return flows from irrigated agriculture ~~or~~
41 *discharge from a system for the reuse of graywater. As used in this*
42 *section, "system for the reuse of graywater" has the meaning*
43 *ascribed to it in section 5 of this act.*



1 **Sec. 11.** NRS 445A.425 is hereby amended to read as follows:
2 445A.425 1. Except as specifically provided in NRS
3 445A.625 to 445A.645, inclusive, the Commission shall:

4 (a) Adopt regulations carrying out the provisions of NRS
5 445A.300 to 445A.730, inclusive, including , *without limitation*,
6 standards of water quality and amounts of waste which may be
7 discharged into the waters of the State.

8 (b) Adopt regulations providing for the certification of
9 laboratories that perform analyses for the purposes of NRS
10 445A.300 to 445A.730, inclusive, to detect the presence of
11 hazardous waste or a regulated substance in soil or water.

12 (c) Adopt regulations controlling the injection of fluids through
13 a well to prohibit those injections into underground water ~~if~~ ~~if~~
14 *the well* supplies or may reasonably be expected to supply any
15 public water system, as defined in NRS 445A.840, which may result
16 in that system's noncompliance with any regulation regarding
17 primary drinking water or may otherwise have an adverse effect on
18 human health.

19 (d) *Adopt regulations concerning the reuse of graywater in a*
20 *single-family residence, including, without limitation:*

21 (1) *Standards and requirements for systems for the reuse of*
22 *graywater;*

23 (2) *Authorized and prohibited uses of graywater; and*

24 (3) *Limitations on the amount of graywater that may be*
25 *used for the purposes authorized pursuant to subparagraph (2).*

26 ↳ *The regulations must not require that a person obtain a permit*
27 *to install or use a system for the reuse of graywater.*

28 (e) Advise, consult and cooperate with other agencies of the
29 State, the Federal Government, other states, interstate agencies and
30 other persons in furthering the provisions of NRS 445A.300 to
31 445A.730, inclusive.

32 ~~(e)~~ (f) Determine and prescribe the qualifications and duties of
33 the supervisors and technicians responsible for the operation and
34 maintenance of plants for sewage treatment.

35 2. The Commission may by regulation require that supervisors
36 and technicians responsible for the operation and maintenance of
37 plants for sewage treatment be certified by the Department. The
38 regulations may include a schedule of fees to pay the costs of
39 certification. The provisions of this subsection apply only to a
40 package plant for sewage treatment whose capacity is more than
41 5,000 gallons per day and to any other plant whose capacity is more
42 than 10,000 gallons per day.

43 3. In adopting regulations, standards of water quality and
44 effluent limitations pursuant to NRS 445A.300 to 445A.730,
45 inclusive, the Commission shall recognize the historical irrigation



1 practices in the respective river basins of this State, the economy
2 thereof and their effects.

3 4. The Commission may hold hearings, issue notices of
4 hearings, issue subpoenas requiring the attendance of witnesses and
5 the production of evidence, administer oaths and take testimony as it
6 considers necessary to carry out the provisions of this section and
7 for the purpose of reviewing standards of water quality.

8 5. As used in this section ~~[, "plant"]~~ :

9 (a) *"Graywater" has the meaning ascribed to it in section 3 of*
10 *this act.*

11 (b) *"Plant for sewage treatment" means any facility for the*
12 *treatment, purification or disposal of sewage.*

13 (c) *"Single-family residence" has the meaning ascribed to it in*
14 *section 4 of this act.*

15 (d) *"System for the reuse of graywater" has the meaning*
16 *ascribed to it in section 5 of this act.*

17 **Sec. 12.** Chapter 704 of NRS is hereby amended by adding
18 thereto a new section to read as follows:

19 *As used in NRS 704.660 to 704.668, unless the context*
20 *otherwise requires, "graywater" has the meaning ascribed to it in*
21 *section 3 of this act.*

22 **Sec. 13.** NRS 704.6622 is hereby amended to read as follows:

23 704.6622 1. A plan of water conservation submitted to the
24 Commission for approval must include , *but is not limited to,*
25 provisions relating to:

26 (a) Methods of public education to:

27 (1) Increase public awareness of the limited supply of water
28 in this State and the need to conserve water.

29 (2) Encourage reduction in the size of lawns and encourage
30 the use of plants that are adapted to arid and semiarid climates.

31 (b) Specific conservation measures required to meet the needs of
32 the service area, including, but not limited to, any conservation
33 measures required by law.

34 (c) The management of water to:

35 (1) Identify and reduce leakage in water supplies,
36 inaccuracies in water meters and high pressure in water supplies;
37 ~~[and]~~

38 (2) Increase the reuse of effluent ~~[H]~~ ; *and*

39 (3) *Increase the reuse of graywater.*

40 (d) A contingency plan for drought conditions that ensures a
41 supply of potable water.

42 (e) A schedule for carrying out the plan.

43 (f) Measures to evaluate the effectiveness of the plan.



1 2. A plan submitted for approval must be accompanied by an
2 analysis of the feasibility of charging variable rates for the use of
3 water to encourage the conservation of water.

4 3. The Commission shall review any plan submitted to it and
5 approve the plan if it is based on the climate and living conditions of
6 the service area and complies with the requirements of this section.

7 **Sec. 14.** NRS 704.6624 is hereby amended to read as follows:

8 704.6624 1. Each public utility which furnishes, for
9 compensation, any water for municipal, industrial or domestic
10 purposes shall adopt a plan to provide incentives:

11 (a) To encourage water conservation in its service area;

12 (b) To retrofit existing structures with plumbing fixtures
13 designed to conserve the use of water; and

14 (c) For the installation of landscaping that uses a minimal
15 amount of water.

16 2. *The public utility may include in the plan incentives for the*
17 *installation and use of systems for the reuse of graywater.*

18 3. As part of the procedure of adopting a plan, the public utility
19 shall provide an opportunity for any interested person to submit
20 written views and recommendations on the plan.

21 ~~3.~~ 4. The plan:

22 (a) Must be available for inspection by members of the public
23 during office hours at the office of the public utility; and

24 (b) May be revised from time to time to reflect the changing
25 needs and conditions of the service area. Each such revision must be
26 filed with the Commission and made available for inspection by
27 members of the public within 30 days after its adoption.

28 ~~4.~~ 5. The Commission shall review the plan for compliance
29 with this section within 30 days after its submission. The plan must
30 be approved by the Commission before it is put into effect.

31 **Sec. 15.** This act becomes effective upon passage and approval
32 for the purpose of adopting regulations and on July 1, 2009, for all
33 other purposes.



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CM/ACM _____

Finance_N/A_

DA_N/A_

Risk Mgt._N/A_

HR_N/A_

Other_N/A_

STAFF REPORT**BOARD MEETING DATE: February 24, 2009**

DATE: February 4, 2009
TO: Board of County Commissioners
FROM: Naomi Duerr, P.G., Director, Truckee River Flood Management Project,
850-7420 nduerr@washoecounty.us
SUBJECT: **Acknowledge Receipt of Truckee River Flood Management Project
Status Report for January 2009. (All Commission Districts)**

SUMMARY

A status report on the activities related to the Truckee River Flood Management Project for the month of January 2009 is provided herein.

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

PREVIOUS ACTION

The most recent status report for December 2008 was presented to the Board of County Commissioners at the January 27, 2009 meeting.

BACKGROUND

Below is a list of the primary activities that were accomplished in the month of January 2009 keyed to the Board's strategic priorities.

Improve Regional Collaboration**Corps Activity**

Economic Stimulus Package - The Sacramento District along with Flood Project staff and their lobbyist (Mia O'Connell) continue to work closely on identifying various approaches that may be used to help the project obtain construction funding from the economic stimulus package expected early this year. As explained in the last Corps' report to the Flood project Coordinating Committee (FPCC), several challenges currently exist for the Truckee River Project.

Schedule Update - During the summer of 2008, a new project schedule was developed. The previous schedule had lacked significant detail for individual project tasks and subtasks, and accordingly became increasingly difficult for use as a tracking tool for

project management. The Corps continues to believe that the schedule will in fact reveal a significant slip, with the exact amount still unknown. Some of the causes of the slip were noted in last month's Corps report to the FPCC.

ASA Woodley - Assistant Secretary of the Army, Woodley will be in Lake Tahoe February 12th to accept an award for efforts made at the Lake. The Corps, Carmen Group lobbyists and Flood Project staff have confirmed a visit to Reno February 13th in conjunction with his visit. Details of the visit will be reported as they unfold.

Reno-Sparks Indian Colony (RSIC) Groundbreaking - The Flood Project hosted a very successful groundbreaking event on January 29, 2009 at the Reno-Sparks Indian Colony/Walmart site. The event drew a crowd of over 120 community members, elected officials, Reno-Sparks Indian Colony dignitaries and residents along with local agency and environmental groups. The eloquent entertainment featured a song done in the beautiful Paiute language along with an enchanting medley done by a Native American drum group.

Of special note, Reno-Sparks Indian Colony Chairman Melendez honored FPCC Chair Larkin and Flood Project Director Duerr with a gift of individually designed Native American Pendleton blankets.

Working Group - The January Working Group meeting included an overview of the Governance Models as presented by Director Duerr to all jurisdictions along with the governing criteria for each one. She also explained which of the models was desired by each agency, the bonding requirements, liability, land ownership and operation and maintenance of the infrastructure. Director Duerr gave the group an update on the list of the projects to be included in the Economic Stimulus Bill. It was noted that the North Truckee Drain and the Hidden Valley TRAction projects were added to the list. Paul Urban, Project Manager, discussed the Huffaker detention area explaining that Huffaker detention area does not make a significant difference to the Huffaker outflow as well as the Vista outflow the cubic feet per second for the 100yr storm as well as 117yr storm. By dropping the Huffaker detention area from the Locally Preferred Plan (LPP), it will save the Flood Project approximately \$300 million to the overall cost of the project. After many discussions, the Working Group was in agreement with dropping the Huffaker detention area from the LPP plan. Additional comments are still being sought from the group and will be brought back to the March meeting.

Technical Advisory Meeting (TAC) - The January TAC meeting included discussion regarding the Governance Models along with the governing criteria for each one. There was further discussion regarding how to approach the "parallel track"/value engineering study for the Flood Project. Deputy Director, Jay Aldean and Project Manager, Paul Urban brought to the group's attention a possible concern that such a study conducted at this point in time could jeopardize the schedule for the General Re-evaluation Report (GRR) and authorization process currently scheduled for Fall 2010. An alternative approach was presented to the group to incorporate the cost evaluation study into a TRAction project for the Living River Parkway. At the January 21st meeting, the FPCC gave direction to Flood Project staff to formalize the TAC as a public entity thereby creating the same rules and regulations that governs all public entities.

Regional Hydrologic Model - At the January 21st meeting, the FPCC approved and will forward to the Board of County Commissioners for consent, a contract in the amount not to exceed \$195,000 with Manhard Engineering for the Phase 1 work of the Regional Hydrologic Model. The first phase study is of various regional hydrologic model approaches and techniques with the ultimate goal of developing a Regional Hydrologic Model for the Truckee River Watershed. The proposal would test the various model options on a much smaller watershed, the Sun Valley watershed, for which highly reliable data is available as a calibration tool. The results of the first phase effort would then be applied to the entire Truckee River watershed in a later phase of the project.

Improve Government Efficiency and Financial Stability

Flood Funding Study – Governance and Rates - Additional revenues must be developed if the flood project construction phase is to swing into high gear. In furtherance of this goal, Director Duerr presented the options developed to address this issue at the January 14th Reno City Council Meeting, the January 20th BCC meeting, the January 21st Flood Project Coordinating Committee meeting and the January 26th Sparks City Council meeting. In addition, a joint meeting of all jurisdictions has been scheduled for February 9th. The Flood Funding Study is nearing a key milestone with the next critical step being to work with the Nevada Legislature this session to amend state statutes, if necessary, to enable the implementation of the selected governance model. The Nevada Legislative session begins February 2, 2009.

FEMA - Senior Flood Project staff attended a FEMA (Federal Emergency Management Agency) grant meeting at the Nevada Division of Water Resources in Carson City January 13th. The meeting was a continuing effort by the Flood Project to study the feasibility of raising homes in the Hidden Valley area including possible monies that may be available through FEMA's grant funding program.

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

Improve Public Safety Security and Health

Property Management - Mimi Fujii-Strickler, Flood Project Supervisor along with the property managers and Facilities Management inspected all Edison Way properties owned by the Flood Project on January 14th. The inspection was an assessment of the property condition in preparation for future discussions about disposition of the property and relocation of tenants.

Provide Excellent Public Services

Media - The 102 Ranch and Lockwood Restoration Projects were front and center in the Reno Gazette Journal January 5th thanks to reporter Jeff DeLong. These TRAction projects broke ground in September and October, respectively, and the article featured pictures and information about the progress that has been made to date. Please visit our website at www.truckeeeflood.us and check out the newsroom if you missed it.

The RSIC Groundbreaking Event brought out all local television stations (2, 4 and 8). The interviews and “live shots” of the event received playing time from the stations that evening and into the next morning’s newscast. This also included a “live” interview on the Dunbar Report by Director Duerr that same evening. Print coverage came from the Sparks Tribune and the Reno Gazette Journal (RGJ) the day before the event. This early coverage had the added benefit of inviting the public beyond our emailed invitation list. Marilyn Newton of the RGJ photographed the Native American drum group and inserted a photo the day after the event. Public Service Announcements were also sent to all radio stations.

Develop our Workforce

FPCC Board Elections - At the January 21st meeting, the FPCC Board unanimously approved the re-appointment of Robert Larkin to the Chair position and the new appointment of Ron Smith to the Vice-Chair position. The positions are voted on annually.

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 January 2009.

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 January 2009.”

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 24, 2009
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Agenda items for the April 1, 2009 Commission Meeting

1. Election of Chairman and Vice Chairman for the term April 2009 to April 2010.
2. Review and possible recommendation to the Western Regional Water Commission (WRWC) for the acceptance of the final report on River Restoration Best Management Practices (BMP) Handbook - Tom Swan, Kennedy/Jenks Consultants.
3. Program Manager's Report:
 - a. Status of projects and Work Plan supported by the Regional Water Management Fund
 - b. Financial report on the Water Management Fund
 - c. BDR's possibly affecting the NNWPC
 - d. Truckee River Flood Management Project status report
4. Informational report regarding Truckee Meadows Water Authority Standing Advisory Committee, Barry Winzeler.
5. Other Informational Items