

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

Wednesday, March 6, 2013

1:30 p.m.

Washoe County Commission Chambers
1001 East Ninth Street
Reno, Nevada

Notes:

1. Items on this agenda on which action may be taken are followed by the term "for possible action". Non-action items are followed by an asterisk (*).
2. Public comment is limited to three minutes per speaker and is allowed during the public comment periods, and before action is taken on any action item. Comments are to be directed to the Commission as a whole. Persons may not allocate unused time to other speakers. The public may sign-up to speak during the public comment period or on a specific agenda item by completing a "Request to Speak" card and submitting it to the clerk.
3. Items on this agenda may be taken out of order, combined with other agenda items for consideration, removed from the agenda, or delayed for discussion at any time. Arrive at the meeting at the posted time to hear item(s) of interest.
4. In accordance with NRS 241.020, this agenda closes three working days prior to the meeting. We are pleased to make reasonable accommodations for persons who are disabled and wish to attend meetings. If you require special arrangements for the meeting, please call 954-4665 no later than 24 hours prior to the meeting.
5. In accordance with NRS 241.020, this agenda has been posted at the following locations: Reno City Hall (1 East First Street), Sparks City Hall (431 Prater Way), Sparks Justice Court (1675 East Prater Way), Sun Valley GID (5000 Sun Valley Blvd.), TMWA (1355 Capital Blvd.), Washoe County Administration Building (1001 E. 9th Street), Second Judicial District Court/Courthouse (75 Court Street), Washoe County Central Library (301 South Center St.), Washoe County Department of Water Resources (4930 Energy Way), Galena Market (19990 Thomas Creek Rd.), Galena High School (3600 Butch Cassidy Way), South Valleys Library (15650A Wedge Parkway), and the NNWPC website: <http://www.nnwpc.us>

1. Roll Call and determination of presence of a quorum. *
2. Public Comments. * (Three-minute time limit per person.)
3. Approval of agenda. **(for possible action)**
4. Approval of the minutes from the February 6, 2013, meeting. **(for possible action)**
5. Report on the Truckee Meadows Water Authority (TMWA) 2011 and 2012 Water Usage Review Program; discussion and possible recommendation to the WRWC regarding a scope of work and funding request in the amount of \$131,116 from the RWMF for the 2013 and 2014 Water Usage Review Program, and possible direction to staff – Andy Gebhardt, TMWA. **(for possible action)**
6. Review draft tentative budget for fiscal year 2013 – 2014 and possible recommendation to the WRWC to approve budget, and possible direction to staff, Jim Smitherman, NNWPC Water Resources Program Manager. **(for possible action)**

7. Report on the South Truckee Meadows General Improvement District (“STMGID”), issues arising from the pending consolidation of Washoe County's water utility with the Truckee Meadows Water Authority (“TMWA”), and possible consolidation of STMGID with TMWA, Jerry Schumacher, STMGID *
8. Report on legislative activities, including Bill Draft Requests for the 2013 session of the Nevada Legislature that may affect the WRWC / NNWPC, John Rhodes, NNWPC Legal Counsel. *
9. Report on the Truckee Meadows Regional Planning Agency (“TMRPA”) parcel-based population and employment modeling project; and possible direction to staff, Jim Smitherman. **(for possible action)**
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. Water Management Fund Five-Year Cash Flow table
 - d. Informational report from the NNWPC representative on the Truckee Meadows Water Authority Standing Advisory Committee (“TMWA SAC”)
11. Discussion regarding possible agenda items for the April 3, 2013, NNWPC meeting, and other future meetings, and possible direction to staff, Jim Smitherman. **(for possible action)**
12. Commission comments. *
13. Staff comments. *
14. Public Comments. * (Three-minute time limit per person.)
15. Adjournment.

*Indicates a non-action item

**NORTHERN NEVADA WATER PLANNING COMMISSION
MINUTES**

Wednesday, February 6, 2013

The regular meeting of the Northern Nevada Water Planning Commission (“NNWPC”) was held on Wednesday, February 6, 2013, in the Reno Council Chambers, One East First Street, Reno, Nevada.

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

Voting Members Present:

Mickey Hazelwood, Chairman
John Buzzone, Vice Chairman
George W. Ball, Jr.
Michael DeMartini
Michael Drinkwater
John Flansberg
John Jackson
Neil Krutz (arrived at 1:35 p.m.)
Darrin Price
Jerry Schumacher (left at 2:37 p.m.)

Voting Members Absent:

John Erwin

Non-Voting Members Present:

David Boland

Non-Voting Members Absent:

John Bird
Harry Fahnestock
Kelvin Hickenbottom
My-Linh Nguyen
Edmund Quaglieri

Staff Members Present:

Jim Smitherman
Chris Wessel
June Davis
John Rhodes, Legal Counsel

2. Public Comments.

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

3. Approval of the agenda.

Commissioner Price made a motion to approve the February 6, 2013, meeting agenda as posted. Commissioner Ball seconded the motion, which carried unanimously.

4. Approval of minutes from the December 5, 2012 meeting.

Commissioner DeMartini made a motion to approve the minutes as submitted. Commissioner Flansberg seconded the motion, which carried unanimously. Commissioner Drinkwater abstained.

5. Report by the Regional Transportation Commission (“RTC”) on its South East Connector project, including issues related to Steamboat Creek and flood management; and, possible direction to staff, Garth Oksol, RTC.

Chairman Hazelwood welcomed Garth Oksol, RTC Project Manager, who thanked members for the opportunity to provide an update on the Southeast Connector (SEC) project. He stated that he would

provide an update on the overall project and Matt Setty, CH2M Hill, would provide an update on the environmental components. (Copy of this presentation is on file.)

Mr. Oksol referred to Construction Manager at Risk (CMAR), which is a new project delivery method used in the state of Nevada. He added that the SEC is the second CMAR project in Nevada. He explained that CMAR is a design-build project that reallocates risk, while reducing the number of change orders. He referred to a map of the project area.

Mr. Oksol reported that Kiewit Western was hired as the contractor for the Phase 1 work and has been working with RTC and TY Lin since last March. He stated that the groundbreaking was held in December and construction began in February.

Mr. Oksol showed the alignment of the roadway, as well as volumetric mitigation areas. He also showed artist renderings of the bridge and some revegetated areas.

Mr. Oksol reported that a request for proposals (RFP) is out for contractors to bid on the Phase 2 CMAR. He added that proposals are due March 1, 2013. The selected contractor will need to validate CH2M's cost proposal.

Mr. Oksol reported that the entire SEC project includes 5.5 miles of six-lane roadway. He stated that the team is examining the use of bio-swales for stormwater treatment and any other opportunities for low impact development (LID). He stated that RTC's desire is to develop the SEC as a model for the community to use. He added that a multi-use path will follow the entire 5.5 mile roadway, which will provide recreational benefits to the community. He stated that RTC is also working to include bus routes for commuters.

Mr. Oksol concluded the first part of the presentation and introduced Matt Setty, CH2M Hill Environmental Manager. Mr. Setty reported that the SEC bisects several flood pools, so CH2M Hill is modeling the scenarios. He stated that the Phase 1 Base Case model will be submitted to the Flood Management Authority ("FMA") and Cities for concurrence on how to handle some of the volumetric offsets required to meet the ordinance.

Mr. Setty reported that CH2M Hill propagated standard Army Corps of Engineers ("Corps") criteria for flood modeling, including the flow connections. He stated that there are a number of opportunities for benefits in the environmental processes. He added that one of the objectives in the project is to provide the Truckee River with predictable continuous balanced sediment transport. He stated that a design element is to not accumulate and then flush out the mercury sediment during storm events. He summarized that these components would be presented at the public stakeholder's meeting in the next month.

Mr. Setty stated that in reference to public safety, one of the design components will be to use the creek as a buffer to keep wild horses off the roadway. He added that approximately 10 acres of wetlands would be mitigated, in coordination with the Corps. He stated that in order to meet the Corps' 404 permit requirements, an environmental analysis and risk assessment are being conducted.

Commissioner Price asked if water quality monitoring is required. Mr. Setty stated that issue would be dictated by Nevada Division of Environmental Protection ("NDEP")'s 104 Water Quality Certification permit. He added that a special use permit will also be required from the City of Reno.

Mr. Setty reported that there has been ongoing stakeholder and agency participation, which slowed but will now pick up. Included in the discussions will be the hydraulic and hydrology models, sediment transport model and an Environmental Protection Agency (EPA)-type ecological risk assessment.

Mr. Setty stated that CH2M Hill is nearing completion of a technical memorandum on the spatial distribution of mercury contamination within the system.

Commissioner Price stated that concerns have been voiced from the downstream users and asked for clarification as to what the concerns were. Mr. Setty stated that there was a request from the Pyramid Lake Paiute Tribe (PLPT) to work with John Mosley to provide the appropriate environmental analysis of potential sediment inputs to the Truckee River and the timing, which could potentially affect the fisheries. He added that he has participated in the monthly meetings with the PLPT.

Commissioner Price asked Mr. Setty to elaborate on the water chemistry model and how it is calibrated. Mr. Setty stated that the process being used does not include a lot of background data. He added that total organic carbon is a driver of the methylation process. He added that they will also be examining the dissolved oxygen concentrations. He summarized that the model is not meant to be a predictive tool but intended to feed the ecological risk assessment. Commissioner Price stated that Steamboat Creek is of extreme importance to the Truckee Meadows Water Reclamation Facility (TMWRF). Mr. Setty stated a lot of discussion is occurring between RTC and TMWRF.

Commissioner Flansberg asked what the schedule is in moving forward with Phase 2. He also asked for the website address. Mr. Setty reported that RTC's SEC website is www.southeastconnector.com. He added that the schedule is as follows:

- Completed 404 Permit application submitted to the Corps, accompanied by the 50% design drawings and specifications – Beginning in June
- Amendment to deliver the 100% design specifications – End of December
- Issue for construction drawings on the street – April 2014

Commissioner Drinkwater referred to the comment about discussions with TMWRF staff and asked for an update on those discussions. Mr. Setty stated that he would submit the 401 application in July or in November. Commissioner Drinkwater requested a meeting with Mr. Setty to bring him up to speed on the discussions. (*Note: Mr. Drinkwater was recently hired as the TMWRF Plant Manager.*)

Commissioner Price made a motion that the NNWPC accept this report on the South East Connector project and provide direction to staff, as appropriate. Commissioner Flansberg seconded the motion, which carried unanimously.

6. Discussion of a scope of work and funding request, in an amount not to exceed \$50,000 from the Regional Water Management Fund, for an Enhanced Nitrogen Removal Planning Study for the Truckee Meadows Water Reclamation Facility; and, possible recommendation to the Western Regional Water Commission ("WRWC") to approve this project and the funding request, Terri Svetich, P.E., City of Reno.

Terri Svetich, Engineering Manager for the City of Reno, presented a PowerPoint presentation (copy on file). She reported that she has provided presentations in the past focusing on the Total Maximum Daily Loads (TMDLs) and Water Quality Standards (WQS), including those that exist for the river currently.

She explained that the wasteload allocation (WLA) is what forms the basis for the permit discharge limitations for TMWRF. She stated that the treatment plant is very advanced and is located at the Truckee River and Steamboat Creek. She summarized that although the plant is very advanced, there are still issues to be addressed.

Ms. Svetich reviewed some of the projects or proposals to benefit TMWRF in its discharges to the river. She stated that University of Nevada, Reno (UNR) Farms is one of the largest sites in Nevada to receive the application of effluent, which helps TMWRF tremendously in meeting its discharge limits.

Ms. Svetich stated that we now need to turn our attention to the inside of TMWRF. She reported that when the plant reaches ~30 million gallons per day (MGD) discharge to the river, we would be crossing the line of our WLA and begin to exceed the limit. She stated that approximately 21 MGD was discharged to the river in 2012.

Ms. Svetich reported that based on discussions with NDEP and the EPA, they are first looking at Lahontan's WQS based on its connection with the Truckee River via the Truckee Canal. She added that based on that decision, it will be a while until NDEP and EPA are actually able to re-evaluate the TMDL and WLA for the Truckee River. She stated that in the meantime, staff is examining what could be done operationally to improve nitrogen removal at the plant.

Ms. Svetich stated that treating for nitrogen at TMWRF's discharge level is not common. She mentioned possibilities such as coagulation or particle removal by adding chemicals or an advanced coagulant to the full flow that would be removed by the existing filters. She clarified that staff is examining processes that would complement TMWRF. She mentioned reverse osmosis and stated it is very expensive; however, it does have the ability to remove other constituents in addition to nitrogen. She stated that it would be worthwhile to examine what the actual cost would be. She added that another process would be an advanced oxidation method to improve the nitrogen removal.

Ms. Svetich summarized that the focus of this item would be to get a planning level cost, what it would take to implement, timeline, design, footprint, and other issues of the different processes for possible future implementation to remove nitrogen. She requested a recommendation to the WRWC for the approval of funds not to exceed \$50,000. She added that included in the packet was a proposal from Carollo Engineers to perform the assessment for \$44,320.

Commissioner Drinkwater referred to the life cycle costs and asked about staffing and needed qualifications, energy costs, ozone issues and equipment costs. He stated that Carollo's estimated meeting costs were \$5,000 to \$7,000 each for three meetings. He added that TMWRF staff is familiar with Carollo staff and did not believe a face to face kickoff meeting would be necessary. He stated he would prefer to see that money applied to the analysis of processes.

Ms. Svetich stated that she believed the staffing, energy and equipment costs were included in the scope; however, she offered to clarify the issue. She added that if those considerations were not included, she would request that they be added. She agreed with Mr. Drinkwater on the number of meetings needed.

Commissioner Flansberg stated that he believes this analysis is very important and all alternatives need to be considered for the future of the plant.

Commissioner Buzzone made a motion to approve the funding recommendation with the recommended changes in the scope and asked if the results would be brought back to the NNWPC. Ms. Svetich stated that she plans to bring back the results. Commissioner Ball seconded the motion, which carried unanimously.

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

Commissioner Schumacher, STMGID Board of Trustees, provided a report on the status of STMGID. He stated that what was previously considered the Local Managing Board ("LMB") is now the Board of Trustees for STMGID, sworn in during the month of January. He reported that since the last NNWPC meeting, STMGID took action on a merger with Truckee Meadows Water Authority ("TMWA"). He reported that STMGID would merge directly with TMWA, rather than first merging with Washoe County

Department of Water Resources (“DWR”). He stated that STMGID is negotiating its own merger. He added that if for some reason the merger is not successful, STMGID has the option of becoming a stand-alone entity.

Commissioner Ball asked if the wastewater management of the Truckee Meadows would ultimately be one authority. He also asked if similarly we were looking at one water authority. He stated that his water and wastewater utility experience would suggest that ultimately the citizens in the entire Truckee Meadows would benefit from consolidated water and wastewater utilities.

John Rhodes, Legal Counsel, stated that the Nevada Revised Statutes clearly direct the WRWC and NNWPC to study consolidation of all of the public purveyors of water. He explained that Washoe County DWR and TMWA have been in discussions to consolidate; however, recently STMGID has come into the picture. He stated that regarding wastewater, planners have examined the consolidation issue although that concept is not required by statute.

Chairman Hazelwood thanked Commissioner Schumacher for his update.

8. Report on the Truckee Meadows Regional Planning Agency (“TMRPA”) parcel-based population and employment modeling project; and possible direction to staff, Jim Smitherman, NNWPC Water Resources Program Manager.

Mr. Smitherman reported that since his last update, the WRWC approved the NNWPC’s recommendation to approve a time extension of the project to June 30, 2014. He reported that TMRPA is currently working on its industrial land use analysis project, which is part of Phase 2 of this project. The Regional Planning Governing Board (“RPGB”) directed TMRPA that the scope of the analysis is to include Carson City, Douglas County and the portion of Storey County within the Tahoe-Reno industrial complex.

Mr. Smitherman stated that the TMRPA is planning to hold a 1 ½ day workshop on September 11 and 12, which is funded by a federal grant. He stated that the workshop would mark the transition from the industrial land use analysis to the active scenario planning. He stated that the scenario planning would last through the remainder of the project into June 2014.

Mr. Smitherman reported that he is working with TMRPA staff to spell out the remaining budget within the contract term. He offered to bring it back to the March NNWPC meeting.

Commissioner Price requested inclusion of some of the milestones and the projected end associated with this project. He added that with a \$1.5 million project, it is nice to see when it is projected to end. He asked if any of the additional agencies mentioned would contribute to the cost of the modeling. Mr. Smitherman stated that his understanding was that they would not be contributing due to budget constraints. He clarified that our local government directed the inclusion although there is an appetite to participate. Mr. Price requested that this information be provided in the update, as well as the percentage of interest, to which, Mr. Smitherman agreed.

Mr. Smitherman stated that the next phase would include the RTC and the Washoe County District Health Air Quality Division.

Commissioner Ball made a motion to accept the report. Commissioner Buzzzone seconded the motion, which carried unanimously.

9. Report on legislative activities, including Bill Draft Requests and Bills pending in the 2013 session of the Nevada Legislature, as of January 31, 2013, that may affect or are of interest to the WRWC / NNWPC, John Rhodes, NNWPC Legal Counsel.

Mr. Rhodes reported that the legislature convened its 2013 Session on February 4, 2013. He referred to the staff report, which lists Bill Draft Requests ("BDRs") and Bills pending in the 2013 Nevada Legislature, as of January 31, 2013, that may affect or are of interest to the WRWC and NNWPC. He stated that no additional language is available for the BDRs at this time. Pending Bills are noted with an Assembly ("AB") or Senate ("SB") designation, and the complete language of each Bill is available by clicking on the corresponding link contained in the electronic version of this report. WRWC staff and the WRWC Legislative Subcommittee will track these BDRs and Bills, recommend positions to be taken, and provide periodic updates to the WRWC/NNWPC.

Mr. Rhodes stated that the Legislative Subcommittee is scheduled to meet on Fridays, commencing March 1, 2013. He offered to continue to provide updates to the NNWPC.

Commissioner Drinkwater asked if the BDR number would change to an AB or SB when language is provided to make it a bill, to which Mr. Rhodes stated, yes.

10. Report on NNWPC / WRWC facility plan conformance review procedures, Jim Smitherman.

Mr. Smitherman reported that Mr. Rhodes and he met with the Planning Directors of Reno, Sparks and Washoe County in December to discuss how to coordinate the local development approval process for facilities that might need a conformance review with the Regional Water Management Plan. He stated that Mr. Wessel and he agreed to examine the online development application postings. He added that he is also working on a list of criteria to identify facilities that meet the statutory requirement of a facility of such a kind or size that might affect the working of the Plan. He summarized that he would develop a checklist to make the process easier.

Mr. Smitherman stated that staff would ultimately develop a resolution for approval by the WRWC concerning conformance reviews and the associated procedures (NRS 531). He summarized that this item would be brought back to the NNWPC for further discussion and recommendations.

11. Program Manager's Report, Jim Smitherman.

- a. Status Report of Projects and Work Plan Supported by the Regional Water Management Fund
- b. Financial Report on the Regional Water Management Fund
- c. Informational report from the NNWPC representative on the Truckee Meadows Water Authority Standing Advisory Committee ("TMWA SAC")

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

12. Discussion regarding possible agenda items for the March 6, 2013 NNWPC meeting, and other future meetings, and possible direction to staff, Jim Smitherman.

Mr. Smitherman reported that there are upcoming agenda items, which include:

- Tentative budget for the WRWC for Fiscal Year 2013/2014
 - Discussion of Draft Work Plan and any contracts that need to be renewed
- Presentation of the final report on the Septic System study if available; if not it will be scheduled for April
- Revised scope of work for TMRPA
- Standing Items
 - Legislative Update
 - Program Manager's Report
 - Status update on STMGID merger

Commissioner Price referred to the tentative budget and stated that he would like to see how quickly the RWMF money is being spent and the possibility of bonding needs for the future. Mr. Smitherman stated

that Mr. Wessel would provide a spreadsheet for a 5-year timeframe budget. He added that we have not spent the available budget for years.

13. Commission Comments.

Commissioner Price welcomed Commissioner Drinkwater and congratulated him on his new position as TMWRF Plant Manager. Members and staff also congratulated Mr. Drinkwater.

14. Staff Comments.

None

15. Public Comments.

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

16. Adjournment.

With no further business, the meeting was adjourned at 2:38 p.m.

Respectfully submitted by,

Niki Linn, Recording Secretary

Approved by Commission in session on _____ 2013.

Mickey Hazelwood, Chairman



Quality. Delivered.

STAFF REPORT

TO: Northern Nevada Water Planning Commission
Western Regional Water Commission

FROM: Andy Gebhardt, Manager Customer Services

DATE: February 26, 2013

SUBJECT: **2013 and 2014 Water Usage Review Program**

Recommendation

Staff requests a recommendation from the Northern Nevada Water Planning Commission ("NNWPC") to the Western Regional Water Commission ("WRWC") for approval of funding in the amount of \$65,558 from the Regional Water Management Fund for both the 2013 and 2014 Water Usage Review Program. The WRWC, and its predecessor water planning entity, the Regional Water Planning Commission ("RWPC"), have supported the program with funding since the program's inception in 2003. The program continues to be highly successful for TMWA.

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 WRWC has provided 60% of the funding for the program since 2008. The table below summarizes the number and type of water use reviews conducted to-date.

	Total	Commercial	Residential
2012	1,729	141	1,588
2011	2,104	213	1,891
2010	3,426	407	3,019
2009	2,675	300	2,375
2008	2,461	265	2,196
2007	2,025	221	1,804
2006	731	70	661
2005	894	123	771
2004	497	66	431
2003	444	42	402

As is evidenced by the chart, since 2010 fewer customers have requested water usage audits. We feel that this is attributable to three primary factors: A) Familiarity with the assigned day water schedule, B) Success of the Community Outreach and Education portion of the program, and C) Customers' growing awareness of their bills and the control that they have over their usage.

Discussion

In general, the findings from the 2012 program year were consistent with those of past years. Customers respond very positively to the program. Working with customers at their homes and businesses where staff can advise the customers how to manage their water use based on their specific site characteristics is highly effective. While some of the education that takes place during a water usage review may address indoor water use (such as opportunities to increase the efficiency of a toilet or water-using appliance), the majority of recommendations to customers involve outdoor water use. Settings on automatic sprinkler and drip irrigation systems provide the best opportunity for customers to change the amount of water they use.

In 2012, staffing for the program continued to be at normal levels (equivalent to two full-time staff members), indicating that the peak of 2010 appears to be an anomaly.

TMWA considers the Water Usage Review Program a success in expanding awareness of responsible water use through on-site customer education. Based on strong customer interest, TMWA will continue the program in 2013 and 2014. Since 2008, TMWA has received funding for 60% of the program budget from the RWMF, and we would respectfully request that funding level continue.

2013 & 2014 Funding Proposal

Cost Item	Comment	Estimated Total Costs for 2013	Estimated Total Costs for 2014
Salaries & Expenses	(1)	\$95,763	\$95,763
Vehicle(s) & Fuel	(2)	\$8,000	\$8,000
Equipment & Supplies	(3)	\$3,000	\$3,000
Outreach Materials		\$2,500	\$2,500
Total Estimated Program Cost		\$109,263	\$109,263
Recommended NNWPC/WRWC Funding for 2013		\$65,558	
Recommended NNWPC/WRWC Funding for 2014			\$65,558

TMWA requests the ability to shift funding between line items if costs necessitate a transfer of funds. Any funds remaining after December 2014 will either be refunded to the WRWC or used for possible program continuation in 2015, subject to WRWC approval.

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 27, 2013

TO: Chairman and Members, Northern Nevada Water Planning Commission

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

SUBJECT: Review draft tentative budget for fiscal year 2013 – 2014; discussion, possible recommendation to the Western Regional Water Commission (“WRWC”) to approve the budget, and possible direction to staff

SUMMARY

Staff has developed a draft tentative budget for fiscal year 2013-2014 for review and possible recommendation to the WRWC. The budget includes revenues, staff and non-staff professional services, and in-kind services. Additional budget worksheets include details for professional services related to priority projects and routine operating expenses.

BACKGROUND

The WRWC is required to submit a budget to the Nevada Department of Taxation after holding a hearing in May of each year. The attached draft tentative budget is provided for review, discussion, possible direction to staff, and possible recommendation to the WRWC for approval as presented or with revisions. Based on input received, staff will prepare a tentative budget for review and adoption by the WRWC.

FISCAL IMPACT

The fiscal year 2013-2014 draft tentative budget projects \$1,468,352 in revenue, \$3,675,932 in expenses, and an ending cash balance of approximately \$1,800,000. Budget expenses include a maximum of \$3,092,000 for WRWC work plan activities, \$480,932 for three full time staff and legal services, and various routine operating expenses in the amount of \$103,000.

RECOMMENDATION

Staff recommends that the NNWPC review the draft tentative budget for fiscal year 2013-2014 and, if acceptable, make a recommendation to the WRWC for approval.

JS:jd
Attachment

**Western Regional Water Commission
Fiscal Year July 1, 2013 - June 30, 2014
Budget Summary Worksheet**

Budget Category	1.5% WMF	NOTE	Washoe County In-Kind	NOTE	TMWA In-Kind	NOTE	SVGID In-Kind	NOTE
REVENUE	Amount		Amount		Amount		Amount	
Estimated Water Surcharge Revenues	1,366,984							
Estimated Interest Income	101,372							
Total Revenue	1,468,356		0		0		0	
PROFESSIONAL SERVICES/SUPPLIES	Amount		Amount		Amount		Amount	
Estimated Professional Services (Page 2)	3,092,000	1						
Staff Services (Page 3)	480,932	2	62,629	3			0	
Non-Staff Services (Page 3)	103,000							
Total Professional Services/Supplies	3,675,932		62,629				0	
OTHER EXPENSES	Amount		Amount		Amount		Amount	
Estimated Misc.			97,237	4				
Total Other Expense	0		97,237		0			
Total Expenses	3,675,932		159,866		0		0	

Net Decrease in Cash Reserves (\$2,207,576)

Cash Balance as of 7/1/12	\$3,833,392
Estimated 2012/2013 Revenue (Cash Flow)	\$1,461,738
Estimated 2012/2013 expenditure (Page 4)	(\$1,288,190)
Estimated cash balance as of 7/1/13	\$4,006,940
Net Decrease in Cash Reserves for FY 2013-14	(\$2,207,576)
Estimated cash balance as of 6/30/14	\$1,799,364

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.
- Washoe County estimate for services and supplies overhead: office space, utilities, computer hardware, software, copier, supplies.
- Budget expenses exceed revenues by \$2,207,576 which reduces projected cash balance to approximately \$1,799,364 at 6/30/14.

Professional Services Budget Detail Fiscal Year 2013/2014

Professional Services Project Name	2013/2014 1st Quarter Budget	2013/2014 2nd Quarter Budget	2013/2014 3rd Quarter Budget	2013/2014 4th Quarter Budget	2013/2014 Available Budget Total	Expense Description/Example
-b-	-f-	-g-	-h-	-i-	-i-	-k-
<i>Consolidation Feasibility Analysis</i>	\$75,000	\$75,000	\$75,000	\$75,000	\$300,000	Support for TMWA, DWR and STMGID
<i>TROA 6700 AF Water Rights Requirement</i>	\$337,500	\$337,500	\$337,500	\$337,500	\$1,350,000	Water rights acquisition and review of street/ROW water rights
<i>208 Plan Review and and Update</i>	\$5,000	\$5,000	\$5,000	\$5,000	\$20,000	
Regional Water Planning Projects	\$417,500	\$417,500	\$417,500	\$417,500	\$1,670,000	
<i>Cloud Seeding</i>	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000	ILA with DRI
<i>Washoe ET Project</i>	\$1,750	\$1,750	\$1,750	\$1,750	\$7,000	ILA with DRI
<i>Water Usage Review Program</i>	\$25,000	\$25,000	\$25,000	\$25,000	\$100,000	Inclusive of contract for TMWA 75k and SVGID 25k
<i>Certified Landscape Technician Program</i>	\$0	\$0	\$0	\$12,500	\$12,500	ILA with NLA
Regional Water Conservation	\$51,750	\$51,750	\$51,750	\$64,250	\$219,500	
<i>Integrated Wastewater and Reclaimed Water System Planning</i>	\$12,500	\$12,500	\$12,500	\$12,500	\$50,000	Indirect Potable Reuse
Regional Reclaim Water Planning Projects	\$12,500	\$12,500	\$12,500	\$12,500	\$50,000	
<i>NPDES Storm Water Quality Management Program</i>	\$65,625	\$65,625	\$65,625	\$65,625	\$262,500	ILA with City of Reno
Regional Storm Water Planning Projects	\$65,625	\$65,625	\$65,625	\$65,625	\$262,500	
Regional Flood Control Planning Projects	\$0	\$0	\$0	\$0	\$0	
<i>Water Quality Standards and TMDL Review, and compliance</i>	87,500	87,500	87,500	87,500	\$350,000	ILA with City of Reno for LTI, Agreement with Somach Simons & Dunn, ILA with City of Reno for Treatment Analysis (\$50k)
<i>Septic System Mitigation Planning</i>	\$37,500	\$37,500	\$37,500	\$37,500	\$150,000	1. Phase II - Risk assessment data needs
Regional Wastewater Planning Projects	\$125,000	\$125,000	\$125,000	\$125,000	\$500,000	
<i>Water Management Plan Update</i>	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000	
<i>TMRPA GIS Population Model</i>	\$87,500	\$87,500	\$87,500	\$87,500	\$350,000	ILA with RPGB
Comprehensive Plan	\$97,500	\$97,500	\$97,500	\$97,500	\$390,000	
Totals	\$769,875	\$769,875	\$769,875	\$782,375	\$3,092,000	

Western Regional Water Commission
Routine Operation Budget Fiscal Year 2013/2014

	2013/2014 1st Quarter Budget	2013/2014 2nd Quarter Budget	2013/2014 3rd Quarter Budget	2013/2014 4th Quarter Budget	2013/2014 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.
Mileage Expenses	\$600	\$600	\$600	\$600	\$2,400	Annual routine daily vehicle mileage expenses.
Legal Services	\$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 John Rhodes and WRWC
Lobbying Registration	\$0	\$0	\$0	\$0	\$0	Cost for registration for staff members as state lobbyists
Staff Services Subtotal	\$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	Such as; website content and design services; annual website updating, maintenance, and hosting; specialized programming services; digital library development and updating; hosting, development and maintenance of databases; licensing fees, software and software updates, training/programming reference materials.
Video Coverage	\$2,500	\$2,500	\$2,500	\$2,500	\$10,000	Annual Expense for video coverage of WRWC and NNWPC Meetings.
CAFR & Audit	\$23,000	\$0	\$0	\$0	\$23,000	Annual Expense for CAFR development and Financial Audit.
Regional Training	\$750	\$750	\$750	\$750	\$3,000	Cost of training for staff members <i>not covered by in-kind services</i> including registration and other miscellaneous cost such as reference materials, field trips, etc.
Regional Travel	\$1,750	\$1,750	\$1,750	\$1,750	\$7,000	Cost of travel and training for staff members <i>not covered by in-kind services</i> including transportation services, mileage reimbursement, lodging, meals, and other miscellaneous cost such as parking, etc.
Advertising	\$1,250	\$1,250	\$1,250	\$1,250	\$5,000	Such as Advertising and Legal Notices.
Misc. Operating	\$3,750	\$3,750	\$3,750	\$3,750	\$15,000	Such as: 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, labels, business cards, periodicals, subscriptions, books, postage & mailing, promotion and public materials, miscellaneous equipment rental, insurances, general overhead expenses.
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.
Non-Staff Services Subtotal	\$43,000	\$20,000	\$20,000	\$20,000	\$103,000	
Totals	\$163,233	\$140,233	\$140,233	\$140,233	\$583,932	

Estimated Expenditures Fiscal Year 2012/2013

Quarter Ending	Total Estimated Fiscal 2012/2013 Expenditure as of 6/30/13
WRWC Employees	334,532
Mileage Expenses	2,400
Legal Services	129,600
lobbying Services	600
Service Contract Subtotal	467,132
Minutes	13,480
Website	10,000
Invision/G3	4,000
CAFR & Audit	8,300
Regional Training	200
Regional Travel	0
Advertising	250
Misc. Operating	232
Expiration of In-Kind Services (TMWA/DWR/SVGID)	0
Non-Service Related Routine Operating Subtotal	36,462
Routine Operating Expense Subtotals	503,594
<i>DWR / TMWA Consolidation</i>	
<i>TROA 6700 AF Water Rights Requirement</i>	0
<i>208 Plan Review and Update</i>	0
Regional Water Planning	0
<i>DRI Cloud Seeding</i>	100,000
<i>Washoe ET Project</i>	6,000
<i>Water Usage Review Program</i>	64,000
<i>Certified Landscape Technician Program</i>	12,500
Conservation, Sustainability, Climate Change	182,500
<i>North Valley's Initiative (COR)</i>	0
Regional Reclaim Water Planning Projects	0
<i>NPDES Storm Water Quality Mangement Program</i>	262,500
Regional Storm Water Planning Projects	262,500
Regional Flood Control Planning Projects	0
<i>Water Quality Standard and TMDL Review</i>	199,596
<i>TMWRF - Corrollo</i>	50,000
<i>Septic Alternitives Analysis</i>	60,000
Regional Wastewater Planning Projects	309,596
<i>Plan Development Services</i>	0
<i>TMRPA GIS Population Model</i>	30,000
<i>DWR GIS Services</i>	0
Water Management Plan	30,000
Project Subtotal	784,596
Totals	1,288,190

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: March 1, 2013

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

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

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

Northern Nevada Water Planning Commission

DATE: February 28, 2013
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: John Rhodes, Legal Counsel
SUBJECT: Report on legislative activities, including Bill Draft Requests and Bills pending in the 2013 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") and Bills pending in the 2013 Nevada Legislature, as of February 28, 2013, that may affect or are of interest to the WRWC and NNWPC. No additional language is available for the BDR's at this time. Pending Bills are noted with an Assembly ("AB") or Senate ("SB") designation, and the complete language of each Bill is available by clicking on the corresponding link contained in the electronic version of this report. WRWC staff and the WRWC Legislative Subcommittee will track these BDR's and Bills, recommend positions to be taken, and provide periodic updates to the WRWC/NNWPC.

Northern Nevada Water Planning Commission

Bill Drafts Requested and Bills Introduced

Water Issues

126 Assemblywoman Carlton Revises provisions relating to wastewater (6/27/12)	Subcommittee Position
17--144 Legislative committee to Oversee the Western Regional Water Commission (SB 487,2007) Provides for an ongoing study of water issues in Nevada (6/28/12) Please click the following link to view a recent report entitled: 13-09 Legislative Committee to Oversee the Western Regional Water Commission	Subcommittee Position
439 Assemblywoman Carlton Provides for the development of a statewide water plan (9/4/12)	Subcommittee Position
442 Assembly Goicoechea Makes appropriation to the Humboldt River Basin Water Authority for cloud seeding project (9/4/12)	Subcommittee Position
58--481 Senator Roberson Provides for oversight and transparency of the Southern Nevada Water Authority (9/4/12)	Subcommittee Position
48--543 Assemblyman Goicoechea Joint Requester: Assemblyman Ellison Revises provisions governing the transfer of water rights. (10/30/12)	Subcommittee Position
AB157 Assemblyman Wheeler Enacts the Municipal Water Users Equity Act of 2013. Revises provisions relating to water furnished by a municipal water system for domestic use in certain counties. (BDR 48-565, 11/14/12)	Subcommittee Position Watch

SB133 Senator Goicoechea

Includes participation by local governments in monitoring, management and mitigation of water resources. Requires the State Engineer to allow a county to participate in the development and implementation of a plan relating to the appropriation of water for beneficial use under certain circumstances. (BDR 48-631, 12/3/12)

Subcommittee Position
Watch

48--763 Assemblyman Bobzien

Revises provisions governing the waters of this State (12/10/12)

Subcommittee Position

807 Assemblyman Oscarson

Directs the Legislative committee on Public Lands to study and make recommendations on alternative water sources for Nevada communities during the 2013-2014 interim. (12/10/12)

Subcommittee Position

48-- 864 Senator Settlemeyer

Revises provisions relating to water (12/10/12)

Subcommittee Position

Open Meeting Issues

AB118 Assemblyman Hickey

Revises provisions governing the applicability of the Open Meeting Law to the Legislature
Establishes the Legislative Open Meeting Law.
(BDR 17-49, 3/26/12)

Subcommittee Position
Watch

AB65 Attorney General

Makes various changes to the Open Meeting Law (BDR 19-402, 8/31/12)

Subcommittee Position
Neutral

730 Assemblywoman Spiegel

Revises provisions relating to public notices (12/10/12)

Subcommittee Position

Contracts and Ethics Issues

85 Assembly Ellison Revises provisions governing contracts for services entered into by certain public employers (6/21/12)	Subcommittee Position
19-159 Assemblyman Hansen Requires contact information for members of state and local committees to be provided to the public upon request (7/25/12)	Subcommittee Position
103 Senator Hardy Makes various changes concerning ethics in government. (6/26/12)	Subcommittee Position
111 Assemblyman Conklin Revises provisions governing ethics in government. (6/26/11)	Subcommittee Position
23--445 Senator Parks Revises provisions relating to ethics in government (9/4/12)	Subcommittee Position
815 Assembly Committee on Legislative Operations and Elections Makes various changes relating to ethics in government (12/10/12)	Subcommittee Position
19--769 Senator Spearman Revises provisions relating to the use of technology by public agencies (12/10/12)	Subcommittee Position
23--988 Assembly Committee on Legislative Operations and Elections Revises provisions governing ethics in government. (2/8/13)	Subcommittee Position
812 Assemblyman Healey Revises provisions governing the membership of certain regional boards (12/10/12)	Subcommittee Position
17--1027 Assemblywoman Spiegel Enacts the Lobbyist Code of Ethics (2/11/13)	Subcommittee Position

Public Records Issues

<p>185 Assembly Atkinson Revises provisions governing public records (8/17/12)</p>	<p>Subcommittee Position</p>
<p>AB31 Attorney General Revises provisions governing public records requests. (BDR 19-211, 8/30/12)</p>	<p>Subcommittee Position Neutral</p>
<p>19--248 Assemblyman Grady Revises provisions governing public records. (8/30/12)</p>	<p>Subcommittee Position</p>
<p>SB74 Senator Segerblom Revises provisions relating to public records. Revises provisions relating to public records. (BDR 19-603, 11/28/12)</p>	<p>Subcommittee Position Not support, as written</p>
<p>AB4 Nevada League of Cities and Municipalities Revises provisions governing publication of informational reports, duplicative information and notices required to be mailed. Revises certain provisions governing public records and legal notices. (BDR 19-259, 8/30/13)</p>	<p>Subcommittee Position Watch</p>

Other Issues of Interest

<p>SB2 Nevada Association of Counties Revises provisions governing powers of local governments Grants power to local governments to perform certain acts or duties which are not prohibited or limited by statute. (BDR 20-174, 8/10/12)</p>	<p>Subcommittee Position Neutral</p>
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Northern Nevada Water Planning Commission

STAFF REPORT

DATE: February 28, 2013

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

SUBJECT: Report on the Truckee Meadows Regional Planning Agency ("TMRPA") parcel-based population and employment modeling project

SUMMARY

TMRPA and Northern Nevada Water Planning Commission ("NNWPC") staff are in the process of reviewing proposed scope of work revisions to incorporate the time extension approved by the Western Regional Water Commission ("WRWC") in January.

TMRPA has been engaged in the ongoing Industrial Lands Needs Analysis in collaboration with the WRWC, Regional Transportation Commission, and the Economic Development Authority of Western Nevada ("EDAWN"). The project focuses on the current supply of industrial land, the needs of industries targeted by EDAWN, and the demand for future industrial land in relation to infrastructure, services and resource requirements.

TMRPA staff has created a preliminary dataset depicting the current supply of industrial lands in the region and is gathering feedback from stakeholders. On February 25, 2013, TMRPA held an "Infrastructure Subcommittee" meeting to gain a better understanding of water and wastewater backbone infrastructure.

BACKGROUND

In 2011, the WRWC entered into an Interlocal Agreement with the Regional Planning Governing Board to assist in funding the development of regional data to enhance the ongoing TMRPA Population and Employment Modeling program. The Agreement commits up to \$486,000 from the Regional Water Management Fund ("RWMF"), and up to \$224,000 in in-kind services (i.e. staff time) over fiscal years 2010-11, 2011-12 and 2012-13. On January 16, 2013, the WRWC approved a one-year time extension to include fiscal year 2013-14 in the project schedule. Billings to date total \$137,096, against the RWMF budget, leaving a \$348,904 balance.

FISCAL IMPACT

There is no fiscal impact.

RECOMMENDATION

Staff recommends that the NNWPC accept this report.

JS:jd

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: March 1, 2013
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: Jim Smitherman, Water Resources Program Manager
SUBJECT: Program Manager's Report

Attached are updated reports for items a) and b) for your review; a verbal report will be given at the meeting updating item c).

- a) Status Report of Projects and Work Plan supported by the Regional Water Management Fund
- b) Financial Report on the Regional Water Management Fund
- c) Informational report from the NNWPC representative on the Truckee Meadows Water Authority Standing Advisory Committee ("TMWA SAC")

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

	Project Name	Contractor / Provider	Amount	Balance Remaining	Percent Complete	Target Completion Date	Notes
1	Third Amendment to TMDL Phase I	City of Reno (LimnoTech)	250,000	160,404	36%	6/30/13	Work is in progress
2	TMDL Legal Services	Somach Simmons & Dunn	50,000	38,745	23%	Amended to 6/30/13	Work is in progress
3	Washoe Evapotranspiration (ET) Project Maintenance	DRI (Desert Research Institute)	10,000	6,753	32%	6/30/13	FY 2012 - \$4,000 FY 2013 - \$6,000
4	Regional Storm Water Quality Management Program	City of Reno	262,500	174,027	34%	6/30/13	Work is in progress
5	Third Amendment to Reimburse TMWA and DWR for consolidation efforts (FY 2012-2013)	DWR, TMWA	300,000	300,000	0%	7/30/13	Work is in progress
6	Regional Data Development and Analytical Program (FY 2011-2012)	Truckee Meadows Regional Planning Agency	486,000	356,455	27%		Work is in progress
7	Septic Alternatives Analysis - Final Report	Stantec	10,000	10,000	0%	6/30/13	Work is in progress
8	Certified Landscape Technician Program 2012-13	Nevada Landscape Association (NLA)	25,000	12,500	50%	12/31/13	Work is in progress
9	Website support Fiscal Year 2012-2013	Washoe County Technology Services	10,000	10,000	0%	6/30/13	Work is in progress
10	G3 Productions NNWPC FY 2012-13	G3 Productions	5,000	4,635	7%	6/30/13	Work is in progress
11	TRIG Website Support FY 2012-13	City of Reno	7,500	6,320	16%	6/30/13	Work is in progress
12	Envision Video Televising WRWC FY 2012-13	Envision Video	2,300	575	75%	6/30/13	Work is in progress
13	NNWPC Minutes First Amendment	Niki Linn	20,000	12,440	38%	6/30/13	Work is in progress

Run Date: 02/27/13
 Fund 766
 Report 400/ZF15
 Period 1 thru 8 - 2013 Fiscal Year

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

Accounts	Plan Budget	Actual (Revenue & Expenses)	PO Commit (Remaining PO Balance)	Actual + PO	Available (Budget Minus Actual + PO)	Avail%	PreCommit (PO's Requested)	Available (Budget Minus PO Requisitions)	Avail%
Interest-Pooled Inv.	21,198.00-	39,981.67-		39,981.67-	18,783.67	89		18,783.67	89
RGL Pooled Inv.		1,599.52		1,599.52	1,599.52-			1,599.52-	
URGL Pooled Inv.		10,289.85		10,289.85	10,289.85-			10,289.85-	
Water Surcharge 1.5%	1,322,988.00-	1,192,337.43-		1,192,337.43-	130,650.57-	10-		130,650.57-	10-
** REVENUE	1,344,186.00-	1,220,429.73-		1,220,429.73-	123,756.27-	9-		123,756.27-	9-
Professional Services	1,692,787.00	377,472.71	722,728.70	1,100,201.41	592,585.59	35		592,585.59	35
WRWC Staff & Legal	480,932.00	228,230.20	59,760.00	287,990.20	192,941.80	61		192,941.80	61
Fin Consult Services	23,000.00	8,300.00		8,300.00	14,700.00	64		14,700.00	64
Invest Pool Alloc Ex		1,801.86		1,801.86	1,801.86-			1,801.86-	
Lobbying Services	600.00	600.00		600.00					
Service Contract		760.00	14,429.50	15,189.50	15,189.50-			15,189.50-	
Express Courier		74.16		74.16	74.16-			74.16-	
Pmts to O Agencies	1,350,000.00				1,350,000.00	100		1,350,000.00	100
Seminars and Meetings	3,000.00	700.00		700.00	2,300.00	77		2,300.00	77
Advertising	5,000.00				5,000.00	100		5,000.00	100
Undesignated Budget	15,000.00				15,000.00	100		15,000.00	100
Insurance Premium		3,269.00		3,269.00	3,269.00-			3,269.00-	
Travel	7,000.00				7,000.00	100		7,000.00	100
** EXPENDITURES	3,577,319.00	621,207.93	796,918.20	1,418,126.13	2,159,192.87	60		2,159,192.87	60
*** Total	2,233,133.00	599,221.80-	796,918.20	197,696.40	2,035,436.60	91-		2,035,436.60	91-

**Western Regional Water Commission
Cash Flow Projections
July 1, 2012 - June 30, 2018**

Quarter Ending	Projected Water Fund Revenue (Assumes No Increase)	Projected Investment Income Approx 3.4%	Total Projected Water Fund Revenue	Total Routine Operating Expenses ¹	Regional Water Planning Projects	Conservation, Sustainability, Climate Change	Regional Reclaimed Water Planning Projects	Regional Storm Water Planning Projects	Regional Flood Control Planning Projects	Regional Wastewater Planning Projects ²	Water Management Plan	Total Project Expenditure	Cash Balance Running Total
7/1/2012													3,833,392
6/30/2013	1,353,461	108,277	1,461,738	(503,594)								(784,596)	4,006,940
9/30/2013	526,055	31,731	557,786	(163,233)	(417,500)	(51,750)	(12,500)	(65,625)	0	(125,000)	(97,500)	(769,875)	3,631,618
12/31/2013	327,093	27,711	354,804	(140,233)	(417,500)	(51,750)	(12,500)	(65,625)	0	(125,000)	(97,500)	(769,875)	3,076,315
3/31/2014	210,631	23,009	233,640	(140,233)	(417,500)	(51,750)	(12,500)	(65,625)	0	(125,000)	(97,500)	(769,875)	2,399,846
6/30/2014	303,204	18,921	322,125	(140,233)	(417,500)	(64,250)	(12,500)	(65,625)	0	(125,000)	(97,500)	(782,375)	1,799,364
9/30/2014	526,055	19,534	545,589	(166,498)	(25,000)	(51,750)	(12,500)	(65,625)	0	(87,500)	(97,500)	(339,875)	1,838,580
12/31/2014	327,093	18,192	345,285	(143,038)	(25,000)	(51,750)	(12,500)	(65,625)	0	(87,500)	(97,500)	(339,875)	1,700,952
3/31/2015	210,631	16,057	226,688	(143,038)	(25,000)	(51,750)	(12,500)	(65,625)	0	(87,500)	(50,000)	(292,375)	1,492,228
6/30/2015	303,204	15,082	318,286	(143,038)	(25,000)	(64,250)	(12,500)	(65,625)	0	(87,500)	(50,000)	(304,875)	1,362,601
9/30/2015	526,055	15,865	541,920	(169,828)	(25,000)	(51,750)	(12,500)	(65,625)	0	(87,500)	(50,000)	(292,375)	1,442,318
12/31/2015	327,093	14,863	341,956	(145,898)	(25,000)	(51,750)	(12,500)	(65,625)	0	(87,500)	(50,000)	(292,375)	1,346,001
3/31/2016	210,631	13,076	223,707	(145,898)	(25,000)	(51,750)	(12,500)	(65,625)	0	(87,500)	(10,000)	(252,375)	1,171,435
6/30/2016	303,204	12,387	315,591	(145,898)	(25,000)	(64,250)	(12,500)	(65,625)	0	(87,500)	(10,000)	(264,875)	1,076,252
9/30/2016	526,055	13,459	539,515	(173,224)	(25,000)	(51,750)	(12,500)	(65,625)	0	(87,500)	(10,000)	(252,375)	1,190,168
12/31/2016	327,093	12,745	339,838	(148,816)	(25,000)	(51,750)	(12,500)	(65,625)	0	(87,500)	(10,000)	(252,375)	1,128,815
3/31/2017	210,631	11,251	221,883	(148,816)	(25,000)	(51,750)	(12,500)	(65,625)	0	(87,500)	(10,000)	(252,375)	949,506
6/30/2017	303,204	10,523	313,727	(148,816)	(25,000)	(64,250)	(12,500)	(65,625)	0	(87,500)	(10,000)	(264,875)	849,541
9/30/2017	526,055	11,555	537,610	(176,689)	(25,000)	(51,750)	(12,500)	(65,625)	0	(87,500)	(10,000)	(252,375)	958,088
12/31/2017	327,093	10,796	337,889	(151,793)	(25,000)	(51,750)	(12,500)	(65,625)	0	(87,500)	(10,000)	(252,375)	891,809
3/31/2018	210,631	9,260	219,892	(151,793)	(25,000)	(51,750)	(12,500)	(65,625)	0	(87,500)	(10,000)	(252,375)	707,533
6/30/2018	303,204	8,490	311,694	(151,793)	(25,000)	(64,250)	(12,500)	(65,625)	0	(87,500)	(10,000)	(264,875)	602,560
TOTALS	\$6,821,396	\$382,682	\$7,204,078	(\$2,910,333)	(\$1,970,000)	(\$219,500)	(\$200,000)	(\$1,050,000)	\$0	(\$1,550,000)	(\$885,000)	(\$7,277,596)	

Notes:

- Operating expenses include: employees, legal services, minutes, website, travel & training, annual audit and miscellaneous expenses (i.e. video, printing & reproduction, publications, periodicals and public notices). Based on projected quarterly operating expenditures, WRWC approved a six month operating reserve be maintained in the budget at all times which requires a minimum cash reserve of \$286,400 (WRWC Meeting 3/13/09). Assumes continuation of in-kind service contributions.
- Cost is for regional planning element. Assumes majority of funding to be provided by wastewater purveyors.