

NORTHERN NEVADA WATER PLANNING COMMISSION AGENDA

Wednesday, September 4, 2013

1:30 p.m.

Washoe County Commission Chambers
1001 East Ninth Street
Reno, Nevada

Notes:

1. Items on this agenda on which action may be taken are followed by the term "for possible action". Non-action items are followed by an asterisk (*).
2. Public comment is limited to three minutes per speaker and is allowed during the public comment periods, and before action is taken on any action item. Comments are to be directed to the Commission as a whole. Persons may not allocate unused time to other speakers. The public may sign-up to speak during the public comment period or on a specific agenda item by completing a "Request to Speak" card and submitting it to the clerk.
3. Items on this agenda may be taken out of order, combined with other agenda items for consideration, removed from the agenda, or delayed for discussion at any time. Arrive at the meeting at the posted time to hear item(s) of interest.
4. Supporting material provided to the Commission for the items on the agenda is available to members of the public at the Northern Nevada Water Planning Commission ("NNWPC") offices, 4930 Energy Way, Reno, NV, from June Davis, Administrative Secretary, (775) 954-4665, and on the NNWPC website at <http://www.nnwpc.us>
5. In accordance with NRS 241.020, this agenda closes three working days prior to the meeting. We are pleased to make reasonable accommodations for persons who are disabled and wish to attend meetings. If you require special arrangements for the meeting, please call 954-4665 no later than 24 hours prior to the meeting.
6. In accordance with NRS 241.020, this agenda has been posted at the following locations: Reno City Hall (1 East First Street), Sparks City Hall (431 Prater Way), Sparks Justice Court (1675 East Prater Way), Sun Valley GID (5000 Sun Valley Blvd.), TMWA (1355 Capital Blvd.), Washoe County Administration Building (1001 E. 9th Street), Second Judicial District Court/Courthouse (75 Court Street), Washoe County Central Library (301 South Center St.), Washoe County Community Services Department (4930 Energy Way), Galena Market (19990 Thomas Creek Rd.), Galena High School (3600 Butch Cassidy Way), South Valleys Library (15650A Wedge Parkway), and the NNWPC website: <http://www.nnwpc.us>

1. Roll Call and determination of presence of a quorum. *
2. Public Comments. * (Three-minute time limit per person.)
3. Approval of agenda. **(For Possible Action)**
4. Approval of the minutes from the August 7, 2013, meeting. **(For Possible Action)**
5. Review and possible approval of an amendment to the Northern Nevada Water Planning Commission ("NNWPC") Administrative Policies and Procedures, to provide a process for selection for a new Chairman following a resignation or inability to act (continued from August 7), and possible direction to staff – John Rhodes, NNWPC Legal Counsel. **(For Possible Action)**
6. Report on groundwater monitoring efforts in Washoe County; discussion and possible direction to staff - Christian Kropf, Senior Hydrogeologist, Washoe County. **(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 the Truckee Meadows Regional Planning Agency ("TMRPA") parcel-based population and employment modeling project; and possible direction to staff – Jim Smitherman. **(For Possible Action)**
9. Program Manager's Report – Jim Smitherman. *
 - a. Status Report of Projects and Work Plan Supported by the Regional Water Management Fund
 - b. Financial Report on the Regional Water Management Fund
10. Discussion regarding possible agenda items for the October 2, 2013, NNWPC meeting, and other future meetings, and possible direction to staff – Jim Smitherman. **(For Possible Action)**
11. Commission comments. *
12. Staff comments. *
13. Public Comments. * (Three-minute time limit per person.)
14. Adjournment.

*Indicates a non-action item

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: August 29, 2013
TO: Chairman and Members, Northern Nevada Water Planning Commission
FROM: John Rhodes, Legal Counsel
Jim Smitherman, Water Resources Program Manager
SUBJECT: Review and possible approval of an amendment to the Northern Nevada Water Planning Commission (“NNWPC”) Administrative Policies and Procedures, to provide a process for selection of a new Chairman following a resignation or inability to act, and possible direction to staff.

SUMMARY

John Buzzone has resigned from his employment with Washoe County, and is therefore no longer eligible to serve as Chairman of the NNWPC. Dave Solaro, Mr. Buzzone's successor as provided by statute, has agreed to fill the unexpired portion of the term. The NNWPC Administrative Policies and Procedures adopted May 5, 2010 (the "Policies and Procedures"), do not provide for the orderly succession of the Chairmanship in the event of such a resignation or in other circumstances where the Chairman becomes unable to so act. The applicable statute requires the Chairman to be selected, in rotation, from among the NNWPC members for a term of one year. Legal counsel's interpretation of the statute and legal opinion is that the former Chairman's successor automatically succeeds to the Chairmanship for the unexpired portion of the term.

Accordingly, legal counsel and staff are recommending that Section V of the Policies and Procedures be amended to provide for the automatic succession of the Chairman's statutory replacement to the Chairmanship, and, if the Chairman's replacement declines to so act, to provide for the selection of a new a Chairman, under one of the two following options developed by Legal counsel, with input from the NNWPC, both of which comply with statutory requirements:

(Proposed new language is underlined)

"SECTION V – SELECTION OF CHAIRMAN AND VICE-CHAIRMAN"

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

Option 1: In the event the Chairman resigns his position, or is otherwise unable to act as Chairman, the Chairman's successor, as provided by statute, shall fill the Chairman's position for the unexpired term. If the Chairman's successor declines to so act, the Commission shall select a new Chairman, and Vice-Chairman if necessary, for a term of one year from the date of

election. " [Comment: Provides for automatic succession, and continues the required one year rotation whether or not the Chairman's successor consents to so act, but changes annual date of selection.]

Option 2: In the event the Chairman resigns his position, or is otherwise unable to act as Chairman, the Chairman's successor, as provided by statute, shall fill the Chairman's position for the unexpired term. If the Chairman's successor declines to so act, the Commission shall select a new Chairman, and Vice-Chairman if necessary, to fill those positions for their unexpired terms. In such event, the selected successor Chairman shall fill the unexpired term on an interim basis only, and shall be eligible to serve as Chairman in his member entity's own right, one year following completion of the interim term. [Comment: Provides for automatic succession, and continues the required one year rotation whether or not the Chairman's successor consents to so act, without changing the annual date of selection, by allowing interim service.]

PREVIOUS ACTION

One year terms from April through March

- 2008 Member: SVGID General Manager, Chairman -- Darrin Price
Vice-Chairman -- Wayne Seidel
- 2009 Member: Sparks Public Works Director, Chairman -- Wayne Seidel
Vice-Chairman -- George Ball
- 2010 Member: TMWA, General Manager's designee, Chairman -- John Erwin
Vice-Chairman -- Jerry Shumacher
- 2011 Member: Washoe County Conservation District, Chairman -- George Ball
Vice-Chairman -- Neil Krutz
- 2012 Member: Public at Large, Chairman -- Mickey Hazelwood
Vice-Chairman -- John Buzzone
- 2013 Member: Director of Water Resources for Washoe County's designee,
Chairman -- John Buzzone (served from April through July)
Vice-Chairman -- Michael Drinkwater

ELIGIBLE FOR APPOINTMENT AS CHAIRMAN

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

FISCAL IMPACT

None

RECOMMENDATION

Staff recommends approval of the proposed amendment to the Policies and Procedures, and adoption of either Option 1 or 2.

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: August 28, 2013

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Christian Kropf, Hydrogeologist, Washoe County Community Services Department

SUBJECT: Report on groundwater monitoring efforts in Washoe County; discussion and possible direction to staff.

SUMMARY

Long-term groundwater monitoring provides essential information for water resources management and long-term planning. Groundwater should be considered a reliable and easily accessed supply of potable water when surface water cannot meet demands (due to high demand, drought, infrastructure failures, etc). Water resource managers should have resource management tools that help assess the health viability of groundwater aquifers in terms of quantity and quality.

Groundwater monitoring networks are designed in a cost-effective manner to provide data for water resource managers to develop:

Resource Management Tool	Utility
Long Term Trend Plots	Identify aquifer responses to pumping, recharge, drought, precipitation, climate change, seasonality, well-field management (pumping) decisions Water right permit compliance Verification of groundwater flow models
Groundwater Gradient & Flow Maps	Identify groundwater flow direction and gradient, recharge and discharge areas, location of faults, contaminant migration
Groundwater Flow Models	Resource management tool to estimate long-term aquifer response to various scenarios including drought, climate change, well field management, surface water interactions, recharge/injection simulations Development of Wellhead Protection Areas for State endorsement
Depth to Water Maps	Identify potential locations for managed recharged through RIBs (rapid infiltration basins) and/or injection wells
Groundwater Quality Maps	Assess the distribution and quality of groundwater impacted by contamination; assess management options
Groundwater Contaminant Transport Models	Assessment of contaminant source, impact, migration, and remediation strategies

Historic Groundwater Monitoring

Water levels, and in some cases water quality samples, have been collected regularly to develop most if not all of the products listed above at one time in most basins. Areas with the most robust datasets (water levels and quality) include the South Truckee Meadows, Lemmon Valley East and West, Golden Valley, the Central Truckee Meadows Remediation District (CTMRD), and Fish Springs Ranch. Areas with irregular or more recent monitoring include Spanish Springs Valley, Verdi Basin, and Cold Springs. Monitoring at almost all of these historic locations has been reduced or eliminated in recent years due to budgetary constraints and staff reductions.

Current Groundwater Monitoring

Current monitoring activities are limited to projects with a funding source, a permit requirement, and/or a water quality concern. These include the CTMRD (PCE contamination), Spanish Springs Valley (groundwater recharge permit and nitrate contamination), Golden Valley (groundwater recharge permit), Fish Springs Ranch (water rights permit), and Cold Springs (water treatment discharge monitoring).

Future Groundwater Monitoring

The necessity of groundwater monitoring data and the utility of the products developed from the data cannot be understated. The information is useful to water resource managers to identify groundwater quality concerns; assess aquifer response to well-field management decisions, climate change, and drought; to provide groundwater remediation alternatives; to protect the resource into the future with planning and wellhead protection area designations; and to provide for informed well-field management and water supply alternatives.

Washoe County will continue “current” groundwater monitoring efforts and hopes to refresh groundwater monitoring networks in all areas with municipal wells. More frequent and consistent monitoring in these refreshed networks can provide data to develop the resource management tools described above to allow for informed water resource management decisions.

BACKGROUND

On June 5, 2013, Commissioner DeMartini requested that discussion on groundwater level monitoring be placed on a future agenda. As a first step, staff is responding with this brief summary of groundwater monitoring efforts within Washoe County.

FISCAL IMPACT

There is no fiscal impact.

RECOMMENDATION

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

CK:jd

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: August 29, 2013

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

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

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

JS:jd

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: August 29, 2013

TO: Chairman and Members, Northern Nevada Water Planning Commission

FROM: Jim Smitherman, Water Resources Program Manager

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

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

JS:jd

Northern Nevada Water Planning Commission

STAFF REPORT

DATE: August 29, 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) Status Report of Projects and Work Plan supported by the Regional Water Management Fund
- b) Financial Report on the Regional Water Management Fund

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

	Project Name	Contractor / Provider	Amount	Balance Remaining	Percent Complete	Target Completion Date	Notes
1	Fourth Amendment to TMDL Phase I	City of Reno (LimnoTech)	250,000	79,477	68%	6/30/14	Work is in progress
2	Washoe Evapotranspiration (ET) Project Maintenance	DRI (Desert Research Institute)	10,000	10,000	0%	6/30/14	New ILA being developed
3	Regional Storm Water Quality Management Program (Second Amendment)	City of Reno	262,500	262,500	0%	6/30/14	Work is in progress
4	Fourth Amendment to Reimburse TMWA and DWR for consolidation efforts (FY 2013-2014)	DWR, TMWA	300,000	300,000	0%	6/30/14	Work is in progress
5	Regional Data Development and Analytical Program (FY 2011-2012)	Truckee Meadows Regional Planning Agency	486,000	334,620	31%	6/30/14	Work is in progress
6	Certified Landscape Technician Program 2012-13	Nevada Landscape Association (NLA)	25,000	12,500	50%	12/31/13	Work is in progress
7	Website support Fiscal Year 2012-2013	Washoe County Technology Services	12,500	11,590	7%	6/30/14	Work is in progress
8	G3 Productions NNWPC FY 2012-13	G3 Productions	5,000	3,725	26%	6/30/14	Work is in progress
9	WRWC Meetings Video Taping	Envision	3,000	3,000	0%	6/30/14	Waiting for PO
10	TRIG Website Support FY 2012-13	City of Reno	7,500	1,804	76%	6/30/14	Work is in progress
11	Cloud Seeding Program for Water Year 2013	(DRI) Desert Research Institute	100,000	61,825	38%	6/30/14	Work is in progress
12	NNWPC Minutes ThirdAmendment	Niki Linn	20,000	10,500	48%	6/30/14	Work is in progress
13	Audit of Fiscal Year 2012 - 2013	Bullard Macy Group	8,300	8,300	0%	12/31/13	Work is in progress
14	TMWRF Treatment Study	City of Reno	50,000	50,000	0%	6/30/14	Waiting for PO
15	Water Usage Review Program 2013 - 2014	TMWA	131,352	131,116	0%	12/31/14	Work is in progress
16	Fourth Amendment to Reimburse TMWA and DWR for consolidation efforts (FY 2012-2013)	TMWA / DWR	300,000	300,000	0%	6/30/14	Waiting for PO
17	TROA - 6,700 AF water rights purchase	TMWA	2,700,000	2,700,000	0%	6/30/18	Work is in progress

Run Date: 08/29/13

9-04-13: NNWPC Agenda Item 9b

Fund 766

Report 400/ZF15

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

Period 1 thru 2- 2014 Fiscal Year

Accounts	Plan Budget	Actual (Revenue & Expenses)	PO Commit (Remaining PO Balance)	Actual + PO	Available (Budget Minus Actual + PO)	Avail%	PreCommit (PO's Requested)	Available (Budget Minus PO Requisitions)	Avail%
Interest-Pooled Inv.	83,537.00-	5,510.45-		5,510.45-	78,026.55-	93-		78,026.55-	93-
RGL Pooled Inv.		2,112.89		2,112.89	2,112.89-			2,112.89-	
URGL Pooled Inv.		6,370.66-		6,370.66-	6,370.66			6,370.66	
Water Surcharge 1.5%	1,366,984.00-	303,726.30-		303,726.30-	1,063,257.70-	78-		1,063,257.70-	78-
** REVENUE	1,450,521.00-	313,494.52-		313,494.52-	1,137,026.48-	78-		1,137,026.48-	78-
710100 Professional Services	1,792,000.00	330,672.47	544,701.91	875,374.38	916,625.62	51	50,000.00	866,625.62	48
Contracted/Temp Svcs	336,932.00	10,938.52		10,938.52	325,993.48	97		325,993.48	97
Legal Fees	144,000.00	10,800.00	124,560.00	135,360.00	8,640.00	6		8,640.00	6
WRWC Staff and Legal	480,932.00	21,738.52	124,560.00	146,298.52	334,633.48	103		334,633.48	103
Fin Consult Services	23,000.00		8,300.00	8,300.00	14,700.00	64		14,700.00	64
Invest Pool Alloc Ex		426.59		426.59	426.59-			426.59-	
Service Contract		260.00	10,400.00	10,660.00	10,660.00-			10,660.00-	
Pmts to Other Agencies	2,700,000.00				2,700,000.00	100	2,700,000.00		
Seminars and Meetings	3,000.00				3,000.00	100		3,000.00	100
Advertising	5,000.00				5,000.00	100		5,000.00	100
Undesignated Budget	15,000.00				15,000.00	100		15,000.00	100
Travel	7,000.00				7,000.00	100		7,000.00	100
** EXPENDITURES	5,025,932.00	353,097.58	687,961.91	1,041,059.49	3,984,872.51	79	2,750,000.00	1,234,872.51	25
*** Total	3,575,411.00	39,603.06	687,961.91	727,564.97	2,847,846.03	80	2,750,000.00	97,846.03	3