



# New Mexico Water Conservation Alliance

## Minutes for July 11, 2013

<b>Introductions</b>	<p>During introductions, Darcy Bushnell asked for the group to email her up to six pages of water conservation efforts in the municipal arena. These would be included in the <u>Water Matters</u>, a publication for the legislation and she needs them by the end of August. Email to <a href="mailto:bushnell@law.unm.edu">bushnell@law.unm.edu</a>. For questions, email or call her at (505) 277-0551.</p>
<b>Presentation</b>	<p>Dagmar Llewellyn: Key points were:</p> <ul style="list-style-type: none"> <li>• Precipitation amount not changing</li> <li>• Dramatic changes in temperature (rising)</li> <li>• Snowpack will be much less by 2090</li> <li>• Changes to the distribution in time and space of precipitation</li> <li>• How can we work with these changes? <ul style="list-style-type: none"> <li>○ Water storage</li> <li>○ Flood control</li> </ul> </li> <li>• Increasing variability of water supply</li> <li>• Overall lowering of flows at the headwaters</li> <li>• Evaporation rates and evapotranspiration rates increase</li> <li>• Increase in water demand</li> <li>• Summary: <ul style="list-style-type: none"> <li>○ Usable water supplies decline</li> <li>○ Usable water supplies has increased variability and uncertainty</li> <li>○ Changes in spatial and temporal distribution of the water</li> <li>○ Feedbacks can lead to cascading impacts</li> </ul> </li> </ul>
<b>Round Table</b>	<p>Laurie Trevizo, City of Santa Fe, <a href="mailto:ltrevizo@santafenm.gov">ltrevizo@santafenm.gov</a></p> <ul style="list-style-type: none"> <li>• Two interns to do enforcement, education and filing</li> <li>• Children’s water conservation poster contest for calendar awards</li> <li>• Marketing campaign: 8-page pull out section in the Santa Fe newspaper</li> <li>• New website <a href="http://www.SaveWaterSantaFe.com">www.SaveWaterSantaFe.com</a></li> <li>• Commercial rebates with pre-and post-audit / meeting. Targeted outreach</li> <li>• QWEL training had 20 people and 100% passed the training</li> </ul> <p>Guy Bralley, Sandoval County</p> <ul style="list-style-type: none"> <li>• Rio Rancho Estates study in progress; 40,000 lots and about 700 are developed. Study to determine what level of development makes sense; probably ½ of the lots could be sustained at 100 years.</li> <li>• Not an unlimited water source, other options are desalination and domestic wells</li> <li>• The county is assisting Algodonas with arsenic compliance</li> <li>• Leaving his position with the county and moving to the Northwest</li> </ul> <p>Lynn Kronowit, CH2M Hill OMI, <a href="mailto:lkronowit@ci.rio-rancho.nm.us">lkronowit@ci.rio-rancho.nm.us</a></p> <ul style="list-style-type: none"> <li>• The Rio Rancho project has over 75 employees</li> </ul>

- Eight to ten leaks are running every day and crews are working 24/7 to repair them
- Did outreach with adults and played Water Jeopardy with them; also outreach with students and other children

Alice Darelik, PCR Resources, [alice@pcr-resources.com](mailto:alice@pcr-resources.com)

- Note new email address
- AWE campaign: 49 utilities using the campaign (free ads), 3,000 bottles sold
  - Gallup and Los Alamos are using the campaign
- Consider conservation ideas for the legislation
  - Help individuals and/or municipalities (Laurie Trevizo said that she can be on a committee to work with Alice on this) (Cheri Vogel is willing to work on a committee for statewide education campaign)

Amy White, Orilla Consulting, [amy@riverxhcnage.com](mailto:amy@riverxhcnage.com)

- Orilla Consulting took over RiverXchange – 46 classes this year with 10 activities and “web pen pals”
- 59 classes planned for next year including Cochiti, Santo Domingo and Placitas
- Received EPA education grant with Ciudad Soil & Water Conservation
- Education consultant to SCAFCA and ABCWUA

Elizabeth Barriga, City of Gallup, [ebarriga@ci.gallup.nm.us](mailto:ebarriga@ci.gallup.nm.us)

- Water Festival grant wrap up in progress; special thanks to Lynn Kronowit and Marian Wrage for bringing a backup presentation to the festival
- Project WET training
- SMART toilet give-away going slow
- Working on Landscape Ordinance
- Including energy conservation in future outreach
- Rebates are being entered into GIS

Lonnie Burke, Resource Wise, [resourcewise@yahoo.com](mailto:resourcewise@yahoo.com)

- Introduced Aaron who is working with him
- Leak detection, poor service with water providers
- Irrigation audits in Rio Rancho – overwhelmed with how bad the systems are
- Irrigation audit in Silver City – 47 acre feet of water used on an event center and the city has awarded a contract to have repairs made
- Anthony NM – small community losing 800,000 gallons a month from their well. The water went through the meter, the check valve failed, and the water flowed back in to the well. The Controlatron found the problem.

Joanna Kind, ERG, [joannakind@erg.com](mailto:joannakind@erg.com)

- Water Sense
  - Working on specifications for soil moisture sensors
  - Smart irrigation sensors
  - Sprinkler head specifications being developed
  - Draft specifications for pre-rinse sprayers

Joe Alderete, US BOR, [jalderete@usbr.gov](mailto:jalderete@usbr.gov)

- 3 large water projects in the state:
  - Gallup – Navajo
  - AMMETT Project
  - Ute Pipeline – under construction, pump house, shaft, fish screens

	<ul style="list-style-type: none"> <li>• Hydroelectric plants on BOR projects have 10KW</li> <li>• Drought well projects – authorization ended 1.5 years ago – going to be reauthorized; both Magdalena and Las Vegas are interested</li> <li>• Grants – Safe for now; budget is in review</li> </ul> <p>Cheri Vogel</p> <ul style="list-style-type: none"> <li>• PNM grants – have not heard anything yet – 4 @ \$10,000 each</li> <li>• Xeriscape Council <ul style="list-style-type: none"> <li>○ Asked for one grant</li> <li>○ Cynthia Barnett is keynote speaker at the conference</li> <li>○ Conference is February 20<sup>th</sup> and 21<sup>st</sup> at the Sheraton Airport</li> <li>○ No Expo this year</li> </ul> </li> <li>• AWWA conference was amazing</li> <li>• Attended the Southern Pueblo Governors meeting about Water Trust Board finding. She is teaming with Sites SW to write grants for the pueblos.</li> <li>• Doing Project WET training in Santa Fe and Gallup</li> </ul> <p>Darcy Bushnell, UNM, <a href="mailto:bushnell@law.unm.edu">bushnell@law.unm.edu</a></p> <ul style="list-style-type: none"> <li>• Marilyn O’Leery is the new director at UNM Law</li> <li>• Articles <ul style="list-style-type: none"> <li>○ Groundwater in New Mexico</li> <li>○ Lower Rio Grande Litigation</li> <li>○ Climate Change</li> </ul> </li> <li>• Native American water rights that have been completed (consolidated them) includes mapping/search tool based upon state/watershed/tribal group</li> <li>• Water rights manual for mutual domestics</li> <li>• Statutory review of water and wastewater systems in New Mexico</li> </ul>
<b>Treasurer’s Report</b>	<p>\$17,434.71, in Alliance accounts  \$55,689.26 in Rio Rancho water festival and RiverXchange account</p>
<b>New Business</b>	<p>Conservation Current –</p> <ul style="list-style-type: none"> <li>• Laurie/Cheri: QWEL training in Santa Fe</li> <li>• Buy Bralley bio and send off</li> <li>• Darcy’s request for Water Matters</li> <li>• Laurie: Santa Fe’s new website and marketing push</li> <li>• PNM grants if approved</li> <li>• Cheri: Xeriscape Council’s conference</li> </ul> <p>PNM grants – should know the status any day  IRS 990’s were fixed. The last 2 digits had been transposed</p> <ul style="list-style-type: none"> <li>• Audit books – Cheri knows of a CPA who specializes in non-profits</li> </ul> <p>RMS AWWA has invited our group up for one of their meetings</p> <ul style="list-style-type: none"> <li>• Emily Collier also said that she would be happy to come to our meeting</li> </ul> <p>Water Smart Innovations conference has Ewing grants to attend</p> <p>Speakers</p> <ul style="list-style-type: none"> <li>• NOAA</li> <li>• Caroline Scruggs from Sustainability at UNM</li> <li>• New person took Bruce Thompson’s place</li> <li>• Mark Stone: food and water</li> <li>• Janet Jarratt – Los Lunas agriculture person</li> </ul>
<b>Others Present</b>	<p>Silvia Diaz, UNM, <a href="mailto:sdalcaide@gmail.com">sdalcaide@gmail.com</a></p>

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**New Meeting Calendar:**

2013 Executive Board Meetings- (1st Monday of alternating months): **August 5, October 7, and December 2**

2013 Regular Meetings – (2nd Thursday of alternating months): **September 12, and November 14**

**Conference/Training Calendar:** For more Info: <http://www.conservationcurrent.org/calendar.html>