



**CCRSCo**  
**Clean Colorado River Sustainability Coalition**  
**Meeting Minutes**  
**Hosted By Lake Havasu City**  
**2330 McCulloch Boulevard North**  
**Lake Havasu City- Council Chambers**

**Thursday, September 10, 2015**  
**1:00 p.m.**

**Voting Membership Present**

Wayne Posey	Buckskin Sanitary District
Bob Leuck	Bullhead City
Raymond Mejia	Chemehuevi Indian Tribe
Rick Daniels	City of Needles
Mark S. Nexsen	Lake Havasu City
D.L. Wilson	La Paz County Board of Supervisors (via phone)
Greg Turner	Clark County Water Reclamation District
Maria Lopez	Metropolitan Water District of So. California (via phone)
Steve Moss	Mohave County Supervisor (Steven Moss)
Todd Tietjen	Southern Nevada Water Authority

**Others in Attendance**

Dr. David Young	ASU-Colleges of Lake Havasu
Becky Blasius	Bureau of Reclamation (via phone)
Scott Bryan	Central Arizona Project (via phone)
Dean Barlow	Lake Havasu City
Donna Brister	Lake Havasu City
Greg Froslic	Lake Havasu City
Kelly Williams	Lake Havasu City
Dr. Doyle Wilson	Lake Havasu City
Jerri Bracamonte	Lake Havasu City
Brandon Messick	Today's News Herald-Lake Havasu City

**Call to Order**

Chairman Nexsen called the meeting to order at 1:03 p.m. Roll call was taken and it was determined that there was a quorum.

**1. Approval of Regular Meeting Minutes from June 18, 2015-Chairman Nexsen**

Member Rick Daniels made a motion to approve the minutes from the June 18, 2015, Regular Meeting. The motion was seconded by Vice Chair Bob Leuck and unanimously carried.

**2. Treasurer's Report-Chairman Nexsen**

The Treasurer's Report was given by Chairman/Treasurer Mark Nexsen. He reported the beginning balance as of May 31, 2015, as \$199,920.02. He reported that membership dues totaled \$27,400, some interest was earned, and there were some expenses including the last

meetings meal and annual officer's insurance renewal for \$2,583, leaving an ending balance of \$224,386.76. In addition, he reported that all membership dues have been collected.

Member Daniels made a motion to approve the Treasurer's Report. The motion was seconded by Member Steve Moss and unanimously carried.

### **3. Election of Officers-Chairman Nexsen**

Chairman-Mayor Nexsen opened the floor for Chairman Nominations. Vice Chair Leuck made a motion to reappoint Mark Nexsen as Chairman. Member Moss seconded the motion. A verbal vote was taken on the motion with all in favor. Motion carries.

Vice Chairman -Mayor Nexsen opened the floor for Vice Chairman Nominations. Member Daniels made a motion to appoint Steve Moss as Vice Chairman. Member Greg Turner seconded the motion. A verbal vote was taken on the motion with all in favor. Motion carries.

Secretary – Mayor Nexsen opened the floor for Secretary Nominations. Mayor Nexsen made a motion to appoint Bob Leuck as the Secretary. Member Moss seconded the motion. A verbal vote was taken on the motion with all in favor. Motion carries.

Treasurer-Mayor Nexsen opened the floor for Treasurer Nominations. Mayor Nexsen made a motion to appoint Bob Leuck as Treasurer, taking on dual officer positions. Member Turner seconded the motion. A verbal vote was taken on the motion with all in favor. Motion carries.

### **4. Consider Approval to Extend CCRSCo Memberships to New Applicants-Chairman Nexsen**

Mayor Nexsen offered a letter of intent from ASU-Colleges of Lake Havasu City for voting membership approval as an academic institute, with Dr. David Young as the voting representative.

Member Daniels made a motion to approve the voting-membership application of ASU-Colleges of Lake Havasu City with Dr. David Young as the voting representative. Seconded by Vice Chair Moss and unanimously carried.

### **5. Update re Topock Compressor Station and Final Groundwater Remediation Project- PG & E Site Manager, Curt Russell**

Site Manager of PG & E, Curt Russell, gave a brief history of the Topock Compressor Station and Final Groundwater Remediation Project. He explained that The Pacific Gas and Electric Company, PG&E, serves gas and electricity to two-thirds of Northern California, but also has a gas compressor station near Topock.

He explained that from 1951 to 1985, the PG&E Topock Compressor Station used hexavalent chromium, as an anti-corrosion agent in its cooling towers. From 1951 to 1964, untreated waste water from the cooling towers was discharged into a dry wash known as Bat Cave Wash. He expressed that PG&E is committed to addressing environmental issues resulting from historical operations at the Topock station.

He said that as part of this commitment, in 1996, PG&E started an extensive investigation to clean up hexavalent chromium in the groundwater and soil. He presented a map of the parcels in the area showing the Colorado River running from north to south, Interstate 40, Burlington Santa Fe Railroad, and PG&E's compressor station and showed additional surrounding land owned by a number of private entities and government agencies, including Havasu National Wildlife Refuge, federal lands, and a portion of land owned by the Fort Mojave Indian Tribe.

In 2004, the California Department of Toxic Substances Control (DTSC) directed PG&E to take immediate, but temporary actions, known as Interim Measures, to ensure that the chromium plume beneath the Site flows away from the Colorado River while additional investigation and final cleanup options are evaluated.

He concluded by stating that the river continues to be protected; the plume is being pulled away from the river, and is being treated. He explained that the final remedy selected by the DTSC is referred to as the "In-situ Treatment with Fresh Water Flush." He said the Insitu-reduction zone that follows the pathway of the highway, and that zone will be used to clean-up the rest of the plume. The intention is to extract water from wells that are near the river's edge, pump them to the far-side of the plume, and create a flow across the barrier. By pushing the contaminated water across the barrier, the hexavalent chromium will be converted to trivalent chromium (non-toxic) through biochemical adjustments in the subsurface. The trivalent chromium is stable and does not revert back to hexavalent chromium and will continue to be part of the soil. Russell said given the number of pumps and wells, PG&E engineers estimate it would take about 30 years to fully decontaminate the groundwater.

He concluded by stating that they have continued State and Federal oversight, but added that both agencies work together for the good of the project.

#### **6. Designation of Member to Report on Foam, Phosphorus Levels, Blue Green Algae-Chairman Nexsen**

Chairman Nexsen opened the floor for a volunteer to present status of foam, phosphorus levels and blue-green algae to the members at each meeting, to which Todd Tietjen from SNWA volunteered to report at each meeting.

#### **7. Status of Foam, Phosphorus Levels, and Blue-Green Algae in River-Todd Tietjen, SNWA**

Todd Tietjen stated that nothing has changed since his last report.

#### **8. Update on CCRSCo Website Launch – Dr. Doyle Wilson, LHC**

Dr. Doyle Wilson presented three different versions of website page displays to the members and asked for a consensus on preference of the three. He said the website might be made to be interactive and could include a google earth tie of some sort for members and maps. He reminded the members that the contracted cost is at \$25 an hour, and will end up being \$3000 or less.

Member Daniels suggested the third version and suggested it was cleaner and simpler, to which most of the members agreed.

Member Wayne Posey would like to include dam and water levels on the website.

Secretary/Treasurer Leuck stated that he would like to see more data displayed.

Secretary/Treasurer Leuck directed Dr. Wilson to proceed with version 3 and populate data, add water and dam levels, and possible links to data collected by other agencies such as Bureau of Reclamation as suggested.

#### **9. Future Agenda Items and 2016 Direction and Goals-Secretary/Treasurer Leuck**

Secretary/Treasurer Leuck suggested the members consider working with ASU on future projects, and consider how we can work those into our goals and objectives for the upcoming calendar year. He asked Dr. Young about the \$10,000 proposal that was brought up at the last meeting to help with one of the research projects at ASU. Dr. Young said that he will be presenting his proposal at the next meeting.

Member Daniels suggested the board should consider discussing global warming, drought, and our plans for a moving target.

He asked members to think of some additional goals and objectives for the 2016 year and to send them to Jerri Bracamonte to add to the next meeting's agenda for discussion.

#### **10. Discussion on Current Events**

Vice Chair Moss reported that the County Supervisors Association is having their Legislative Summit in Lake Havasu City October 13 through October 15, and if anyone would like any issues brought up at the Legislative level from a County standpoint, please let him or Supervisor D.L. Wilson know.

Member Tietjen reported that the Lower Colorado River Science Symposium will be February 8 and 9 at Southern Nevada Water Authority headquarters in Las Vegas. He said it's a free conference and everyone is welcome. Dr. Doyle Wilson will forward the information to Jerri Bracamonte to forward to all members.

#### **11. Future Meeting and Tour Suggestions**

Members discussed having the next meeting December 3 in Needles with a tour of Topock Marsh. Dr. Doyle Wilson will look into planning the tour with the National Wildlife Refuge and Member Daniels offered to host the meeting in Needles. Other tour suggestions for 2016 included Topock Gorge floating tour from LHC, Wetlands in Henderson, CRIT, Chemehuevi Tribe.

#### **IV. Adjournment**

A motion to adjourn was made by Member Daniels and seconded by Member Turner. Secretary/Treasurer Leuck declared the meeting adjourned at 2:00 p.m.