

Special points of interest:

- See the back cover for the NNMCAB's latest recommendation to DOE.
- Check out the Mercury SEIS for information on the planned Mercury Storage Facility.
- Learn about the Buckman Direct Diversion Project, a source of water for Santa Fe .
- Stop in on page 2 to learn about the NNMCAB members and their activities.

Inside this issue:

Meet the NNMCAB	2-3
Tour the Buckman	4
Mercury SEIS Hearing	5
Science in New Mexico	5
NNMCAB Project	6
NNMCAB Social Media	6

Art Outreach in Northern New Mexico

As part of our community outreach, the Northern New Mexico Citizens' Advisory Board (NNMCAB) has been reaching out to the surrounding communities and schools. NNMCAB Executive Director Menice Santistevan worked with School Board members and school employees to provide a venue for the local students to showcase their artistic talent. This six month effort culminated with the NNMCAB office hosting a reception and open house on April 25, 2013, for art work created by the students of the Pojoaque Valley School District. Over 150 individuals were invited to attend the reception and view the art work that the Pojoaque Students created and put on display in the Citizens' Advisory Board Office. The invitees

ranged from: Department of Energy employees and officials, parents, students, school board members, Citizens' Advisory Board members, the Governor of Pojoaque, and his staff.

2013 and were on display until mid-May. The new art program has provided a unique avenue for the Advisory Board to reach out to the communities in Northern New Mexico, increasing public awareness of the

board while supporting the creative ability of the local students. The art displays are planned to become a bi-annual event with new art displays occurring in the fall and spring of each year; expanding the number of students participating, and increasing the networking and community involvement of Northern New Mexico citizens in NNMCAB events.



Totems Created by Pojoaque Valley Students, for the Art Show

Everyone who attended the reception was impressed with the ability of the student artists, who ranged from elementary to high school. Over 60 pieces of art work have been on display since early March

2013 NNMCAB Meeting Schedule

Meeting Date	Venue	City
July 31, 2013	Fuller Lodge	Los Alamos
September 25, 2013	Sagebrush Inn & Conference Center	Taos
November 20, 2013	OHKAY Conference Center	Espanola

Member Allison Majure



Allison Majure at the May 22, 2013 NNM CAB Meeting

Meet Some of the NNM CABs New and Veteran Members

Ms. Majure is a publicist for the Los Alamos Department of Public Utilities. As part of her duties, she edits the annual Consumer Confidence Report on Drinking Water Quality for Los Alamos County, as mandated by the EPA's Safe Drinking Water Act. This work piqued her interest in hydrogeology and environmental issues which she explores as a CAB member. Ms. Majure has studied management, fi-

nance, and design theory for publication at Stanford University and holds a Bachelor's Degree in the History of Science from the University of California, Berkeley. Ms. Majure is an active community member serving her local Rotary Club, the Public Relations Society of America, the PeopleSoft Business Network, the Dept. of Homeland Security's First Responders Communication Network, and the

Leadership Los Alamos Alumni Association. She is a Junior Examiner for the State of New Mexico through the Quality New Mexico program, a lifetime member of the UC Berkeley Alumni Association, and serves as a Eucharistic Minister at Immaculate Heart of Mary Catholic Church. A resident of Los Alamos, New Mexico, Ms. Majure was appointed to the board in March 2012 and is currently serving her first full term.

New Member Angel Quintana



Angel Quintana at the April 25, 2013 NNM CAB Art Show

Ms. Quintana currently serves as the procurement director for the Pueblo of Pojoaque. She previously served as the Personnel Director for the Pueblo and also worked at the Cities of Gold Casino in Pojoaque.

Ms. Quintana has expressed interest in environmental

and tribal issues. She earned an Associate's degree in Marketing Management from Northern New Mexico College. She is a resident of Pojoaque Pueblo. Ms. Quintana was appointed to the board in April 2013 and is currently serving her first full term.

Be Informed.

Get Involved.

Because you love New Mexico!

Interested in becoming a member or joining a committee? Contact NNM CAB Executive Director Menice Santistevan @ (505)995-0393 or e-mail menice.santistevan@nnsa.doe.gov

Member Mike Loya



Mike Loya at the April 25, 2013 NNM CAB Art Show

Mr. Loya is a Building and Environmental Technologies Specialist; focusing on minimizing environmental footprints by using innovative sustainable building methods for new home and commercial construction, including renovation of existing homes and commercial buildings. Mr. Loya has over 35 years of experience in the construction and renovation industry, with an emphasis on earthwork, railroad infrastructure repair, environmental drilling, remediation and innovative, energy efficient building technologies.

Mr. Loya has done Environmental Water Projects for the Department of Defense, Army Corp of Engineers and the US Air Force. Mr.

Loya is also a volunteer water and sustainable housing advocate in the State of New Mexico. He is involved in key issues effecting natural resources and making Green Building Strategies and Alternative Energy Solutions affordable for every income level.

Mr. Loya has held the positions of Chairman and Vice Chairman of the Environmental Monitoring, Surveillance & Remediation Committee (EMSR). This committee provides the Citizens' perspective to the Department of Energy (DOE) on current and future environmental remediation activities resulting from historical Los Alamos National Laboratory (LANL) operations. Mr. Loya was sponsored by the Department Of Energy as a delegate to its Environmental Justice Conference in Washington, DC where he presented on Sustainable Building and Living. His main focus is the melding of Traditional with Cutting Edge Sustainable Building & Living Strategies while integrating Hy-

Check out the Sustainable Research Center site to get involved with its latest community outreach project Honoring Navajo Code Talker Jack Jones www.sustainableresearchcenter.org

brid Energy Sourcing into the equation.

Mr. Loya is the Executive Director of the Sustainable Research Center.org. The Sustainable Research Center is a conservation based think tank and technology demonstration laboratory used as a teaching facility for practical emerging technologies applicable to the community in the fields of energy efficient building strategies, water conservation, photovoltaic systems, residential scale wind power generation, and personal food production based on Permaculture design principles. Permaculture design strategies include but are not limited to the principles and practices of sustainable development of soil, water, crop, forest, green architecture, clean energy and community structures. A native of New Mexico, Mr. Loya resides in Arroyo Seco. He was appointed to the board by site appointment in September 2007 and is currently serving his third full term.

Mr. Sayre currently provides professional consultation services unrelated to DOE through his company Sayre Engineering. He retired from the Santa Fe County Utilities Department in May of 2010 from his position as director and utilities engineer. Mr. Sayre has managed infrastructure projects consisting of water, wastewater and drainage, and structural and roadway system engineering for the cities of Aztec and Santa Fe, as well

as the towns of Estancia, Clayton and Taos. Mr. Sayre earned a B.S. and an M.S. in Civil Engineering from New Mexico State University, and has been a Registered Professional Engineer in New Mexico since 1974. He completed additional graduate course work in water resource engineering and geographical information systems. Mr. Sayre is a member of the American Water Works Association, the Water Environment Foundation, the

Member Doug Sayre

New Mexico Society of Professional Engineers, and the Estancia Basin Water Planning Committee. He has expressed interest in environmental issues. Mr. Sayre resides in Santa Fe, New Mexico. He was appointed to the board in September 2011 and is currently serving his first full term.



Doug Sayre on the May 22, 2013 Buckman Direct Diversion Tour

Buckman Direct Diversion Tour



Buckman Direct Diversion water processing equipment

“The Solar generator at the BRWTP produces one-million watts of green power”

NNMCAB Members on the Santa Fe river during the Buckman Tour May 22, 2013

The Northern New Mexico Citizens’ Advisory Board members recently toured the Buckman Direct Diversion in Santa Fe New Mexico. The members were able to tour the facility thanks to the coordination efforts of new NNMCAB member Alex Puglisi, who works at the City of Santa Fe and the Buckman Direct Diversion Staff. The group was able to tour the Buckman water treatment facilities, holding ponds, pump stations, and the Santa Fe River area.

The Buckman Direct Diversion Project (BDDP) was constructed by the City of Santa Fe and Santa Fe County to access

an additional source of water that does not require pumping of groundwater. The BDDP diverts and treats water from the Rio Grande that the city and county already have rights to, creating a reliable and sustainable source of water. The Buckman Regional Water Treatment Plant (BRWTP) pumps water from the east bank of the Rio Grande river three miles below Los Alamos’s Otowi Bridge, where sand is removed and returned to the river. The water travels underground for 11 miles before reaching the BRWTP at an elevation of 1,100 feet above where it started. The BRWTP uses a series of both conventional and advanced water treatment processes to purify the Rio Grande River water that is diverted. The BDDP is capable of delivering up to 15 million gallons of treated drinking water per day. This volume is close to the currently maximum daily amount that is consumed by the customers in the

City and the County.

The BDDP utilizes a one-megawatt solar generator, which on a sunny day supplies most of the power requirements for the BRWTP, and about 30% of its annual electric consumption. A second solar station is being built for Pump Station 2A. Though NNMCAB members were not able to tour the Solar facility during the May tour. They hope to be able



Members view the water holding ponds

to see the solar generator on future tours.

For additional information on the BDDP visit their website at www.bddproject.org



Draft Mercury SEIS Public Hearing in Albuquerque



Elemental Mercury

On May 9, 2013 at the Crown Plaza Hotel in Albuquerque NNM CAB Members attended the Mercury Supplemental Environmental Impact Statement (SEIS) Public Hearing, hosted by the Department of Energy (DOE). During the hearing the DOE presented information on the locations that were considered in the Draft SEIS. It was noted that the DOE's preferred alternative location was the new Waste Control Specialist Facility in Texas. The area around the Waste Isolation Pilot Plant Site is also under consideration for use as the storage location. During the hearing DOE provided information on how the mercury would be

transported, possible storage plans and dimensions for the approximate size of the storage facility. Members

of the public present at the hearing were also allowed to provide comment during the hearing, recorded by a court reporter, or in written format to be submitted later during the public comment period.

During the June Combined Committee Meeting the NNM CAB considered information provided in the Draft SEIS, and reports from the members who attended the hearing. The members compiled a list of questions and concerns to be addressed as part of the public comment on the Draft SEIS.

Both the presentation and the NNM CAB Public Comment are available on the **NNM CAB website**.

Current NNM CAB Members

- Carlos Valdez, NNM CAB Chair
Santa Fe
- Manuel Pacheco, NNM CAB Vice-Chair
Ranchos de Taos
- Douglas Sayre, EM&R Committee Chair
Santa Fe
- Joseph Tiano, WM Committee Chair
Santa Fe
- Adrian Chavez Sr.
Santa Fe
- Brenda Gallegos, WM Committee
Santa Cruz
- Nona Girardi, EM&R Committee
Los Alamos
- Lawrence Longacre, EM&R Committee
Santa Fe
- Michael Loya, WM Committee
Santa Fe
- Bonnie Lucas, EM&R Committee
Santa Fe
- Allison Majure, EM&R Committee
Los Alamos
- Gerard Martinez
Santa Fe
- Alex Puglisi
Santa Fe
- Angel Quintana
Santa Fe
- Stephen Schmelling
Santa Fe
- Deborah Shaw, EM&R Committee
Santa Fe
- Joseph Viarrial, EM&R Committee
Pueblo of Pojoaque
- Robert Villarreal, WM Committee
Los Alamos

New Mexico at the 2013 Intel ISEF

This past May 1,610 student exhibitors representing 72 countries from around the world came together in Phoenix Arizona to compete in the Intel International Science and Engineering Fair (ISEF). New Mexico was represented this year by 30 students from across the state, who earned their slot by competing in regional and state competitions. NNM CAB Technical Writer William Alexander attended the

fair as an adult sponsor with 4-Corners Regional, one of the six regions that comprise the delegation from New Mexico.

At the Intel ISEF students competed for prizes within categories, chosen by the type of science project entered. The students compete on an individual level within their category, defending their project in a week long competition. New Mexico

was well represented at the fair, with 6 of the students placing within their categories, and many of the students receiving special awards. The projects submitted and dedication of the students provide hope that science in New Mexico will stay strong as we move to the future.



2013 ISEF Exhibit hall at the Phoenix Convention Center May 15, 2013



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NNMCAB Current Project

The Waste Management Committee and the Environmental Monitoring, and Remediation Committee recently approved recommendation 2013-07 “Realign Remaining Milestones in the Consent Order. The intent of this recommendation is to have Los Alamos National Laboratory review its remaining milestones and determine a path forward for completion , that is timely and safe, and uses a risk based approach. This recommendation was accepted at the June 12, 2013 Committee Meeting in Pojoaque, NM.

Link to [Recommendation 2013-07](#) or find it under recommendations on the NNM CAB website.

NNMCAB Web & Social Media



NNMCAB Home Page
www.nnmcab.energy.gov

The Northern New Mexico Citizens’ Advisory Board is a federally appointed panel of citizens that provides public involvement opportunities and recommendations to the U.S. Department of Energy Concerning: environmental monitoring, waste management, remediation, and long-term stewardship at and around Los Alamos National Laboratory. To Find out More about the **NNMCAB**, Visit our **Social Media** Sites or our Webpage.

Visit the NNM CAB website [Newsletter Section](#) to add yourself to the electronic distribution list .