## Journal #2956 from sdc 10.7.13

NRC Staff Response to August 30 Commission Order" on Yucca Mountain First volume of the California Water Plan available for public review The Hard Numbers on Fracking: Radiation, Toxic Wastewater and Air Pollution Erin Brockovich, others say clean water is worth fighting for Century-old Handwritten Letters Translated from Cherokee for Yale University Feast on the Farm Solar Home Tour Shows Benefits Of Sun Power

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HLW License Application 63-001 CAB04 - NRC Staff Response to Commission Order Date: Oct 4, 2013 2:42 PM Attachments: <u>NRC Staff Response to Commission Order.pdf</u> FYI-

Attached is a courtesy copy of "NRC Staff Response to August 30 Commission Order" on Yucca Mountain licensing that was filed today through the Electronic Information Exchange.

Brian Newell, Rulemakings and Adjudications Staff, Office of the Secretary U.S. Nuclear Regulatory Commission Phone: (301) 415-4659

**First volume of the California Water Plan available for public review** Maven, Maven's Notebook

The Bay Delta Conservation Plan (BDCP) is often criticized for not being comprehensive enough because it doesn't consider other actions that could be taken such as desalination, or other statewide or regional needs such as water storage. However, the Bay Delta Conservation Plan is not supposed to be statewide water plan – it is, after all, a permit application for an incidental take permit that is being submitted under federal and state endangered species regulations, and by definition, it is limited to the actions that occur within the BDCP's plan area. This doesn't mean the state doesn't have such a comprehensive plan – it does and it's called the California Water Plan. The first volume of the public review draft hit the streets yesterday.

The Hard Numbers on Fracking: Radiation, Toxic Wastewater and Air Pollution

**Mike Ludwig, Truthout:** Years after fracking technology prompted an oil and gas rush, researchers are finding radioactive and other pollutants near facilities, but the federal government continues to exempt facilities from hazardous waste regulations.

Read the Article

shayne del cohen Yesterday, 10:19 AM

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### Erin Brockovich, others say clean water is worth fighting for By <u>Steve Scauzillo</u>, San Gabriel Valley Tribune

POMONA >> Environmental activist Erin Brockovich, water experts and chairperson of a powerful state panel delivered a unified message Thursday: Fighting for clean water may be difficult but it's worth it.

From contaminated groundwater to untreated stormwater to the threat from oil and gas fracking and climate change, California's drinking water is under siege, they said. But solutions are at hand.

"It's the same message to everybody: We need clean water. For me, every one of you is already an Erin Brockovich by putting yourself out there and not burying your head in the sand," said the activist portrayed by Julia Roberts in the 2000 movie of the same name, during a keynote speech at the 2013 San Gabriel Valley Water Forum at the Pomona Fairplex.

Brockovich reminded the 320 attendees that it doesn't take an advanced degree to find solutions to polluted water, only a large dose of stick-to-itiveness.

The mom-turned-activist was instrumental in raising the issue of polluted drinking water in the small town of <u>Hinkley</u> in the Mojave Desert. At issue were high levels of hexavalent chromium, a human carcinogen, found in the town's water. She helped the town win two lawsuits of about \$330 million each against Pacific Gas & Electric, whose power plant was the source of the contamination, according to the U.S. Environmental Protection Agency.

The activist is helping about 30,000 other communities in the U.S. find solutions to water pollution and to report cases of cancers that could be related to chemical exposure. "I became intrigued about these other Superfund sites that have never been cleaned up," she told the audience. "This isn't my story. This is everybody's story."

The San Gabriel Valley is home to the largest Superfund site in the United States. Almost 30 years ago, six areas of the vast San Gabriel water basin were found polluted with unacceptable levels of chemicals, including degreasing agents such as trichloroethylene and perchloroethylene used by manufacturing companies in the 1950s and 1960s.

Later, in the mid-1990s, further testing found rocket fuel or perchlorate in wells. This chemical is used by the defense industry and can cause thyroid damage. Often, companies dumped these and other toxic chemicals into open pits, allowing them to seep into the water table and reach water wells.

The San Gabriel Valley gets 90 percent of its drinking water from underground wells.

Kenneth Manning, executive director of the San Gabriel Basin Water Quality Authority, spoke of progress made and challenges ahead regarding groundwater cleanup.

So far, \$650 million has been spent on 31 well-head treatment plants in Baldwin Park and Irwindale, where the highest concentrations of contaminants are found, as well as the Puente Valley, El Monte, South El Monte, Alhambra and Whittier Narrows. These plants have removed harmful chemicals through some of the most advanced treatment methods in the nation and produced 1.6 million acre-feet of treated water served to customers in the region. That equals the amount of water that would fill the Rose Bowl 2,450 times, he said. (An acre foot of water is the amount used by a family of four in one year).

All told, 136,000 pounds of contaminants have been stripped from the water and taken to hazardous waste landfills, he said.

While Manning spoke of progress, he said the job is not done.

"We have another 50 years to go before we can say the basin is back to where we inherited it in the 1940s," Manning said. By 2064 or so, it will have cost \$1.35 billion to treat the San Gabriel Basin groundwater, he said.

Storm water — untreated urban run-off that picks up bacteria from animal feces, metals, fertilizers and other debris — threatens our beaches and inland lakes and rivers. Very little is treated, explained Aracely Lasso, civil engineer with the Los Angeles County Department of Public Works.

"It has been estimated it would cost \$17 billion to \$120 billion over the next 20 years to treat urban runoff in the county," Lasso told the audience. Cities are facing huge bills to build stormwater treatment plants as part of an order issued by the Los Angeles County Regional Water Quality Control Board.

Global warming is expected to reduce California's snowmelt, the source of one-half the entire state's water storage, said Felicia Marcus, chairperson of the State Water Resources Control Board and an appointee to President Barack Obama's Commission on Environmental Cooperation-Joint Public Advisory Council.

She praised the Los Angeles County Sanitation Districts and the Upper San Gabriel Valley Municipal Water District for treating waste water and using it for irrigating golf courses, cemeteries and parkways.

Marcus criticized Miller Brewing, now MillerCoors in Irwindale, which opposed the first socalled "toilet to tap" program in the San Gabriel Valley in the 1990s. "I do not buy their beer," she said.

She said her commission will reward cities that find a way to re-use treated storm water or recycled water. She urged water managers to work together to formulate solutions.

"This is the challenge of ego-system management, of spending a little time trying to reach across the table," she said.

Fracking of oil shale reserves most likely won't have an impact on groundwater, said conference speaker Timothy Parker of hydrologist from Sacramento. However, he said water agencies should be concerned about water and chemicals shot into oil wells that flow back to the surface. That water must not be allowed to seep back into the ground and contaminate the aquifers.

Reach the author at <u>Steve.Scauzillo@sgvn.com</u> or follow Steve on Twitter: <u>@stevscaz</u>.

Century-old Handwritten Letters Translated from Cherokee for Yale University shayne del cohen Yesterday, Native News Network Staff in Native Education 10.19 AM TAHLEQUAH, OKLAHOMA - Over 2,000 Century-old journals, political messages and medicinal formulas handwritten in Cherokee and archived at Yale University are being translated for the first time. Cherokee Their researchers and linguistic specialists have helped adapt 21st century technologies with their traditional culture. The Cherokee Nation is among a small few, if not the only tribe, that has a language translation department who contracts with Apple, Microsoft, Google and Ivy League universities for Cherokee translation projects. One of the tribe's 13 translators, Durbin Feeling, is transcribing some 2,000 documents at Yale's Beinecke Library, to catalogue and eventually make public. The documents, spanning from the late 19th to mid-20th century, are from the collection of the late Jack and Anna Kilpatrick, Cherokee researchers. "Native American communities have endured some of America's most sustained forms of cultural oppression, and contemporary Indian nations, tribal members and supporters work tirelessly to reverse generations of assimilation-orientated designs. The work of linguists and language speakers in such efforts is particularly essential, especially in keeping alive and vibrant the languages of the first Americans," said Ned Blackhawk, Yale professor of history and American studies, and advisory member at Yale's Native American Cultural Center. "The Cherokee Nation works at the leading edge of such linguistic activism. Their researchers and linguistic specialists have helped adapt 21st century technologies with their traditional culture and have developed among the most advanced pedagogical practices in the nation," Blackhawk said. The Cherokee Nation translation department is also currently working with museums in Oklahoma and finishing up its largest translation of 500,000 words for Microsoft. "Our speakers are taking Cherokee history, in the form of our language, and preserving it for our future by incorporating our written alphabet into smart phones and computer language settings, making it possible for our youth to email entirely in Cherokee,"

Principal Chief Bill John Baker said.

"They are one of our most valuable resources, not only passing on their wisdom to our Cherokee Immersion students learning to speak, but for our future who will know more about our lives and way of thinking, revealed in all these translated archived manuscripts." Feeling's first language is Cherokee. He has a master's degree in linguistics from the University of California, Irvine, and honorary doctorate from Ohio State. He has traveled across the United States and Germany sharing how to speak, read and write the 85 character Cherokee syllabary. He's also taught Cherokee language and culture at the University of Oklahoma and Northeastern State University.

## "Universities and museums often have all these documents and nobody to read them, to tell them what they say,"

Feeling said.

**"They'll choose the ones they're curious about and let me translate, which benefits us all."** The Cherokee Nation has a comprehensive language program that includes community language classes, online language courses, employee language classes, a language technology program, an office of translation and an immersion school for preschool through sixth grade and partners with Northeastern State University on a degree program for Cherokee language.

In addition to these initiatives, the Cherokee Nation also shows a strong dedication to language by including protection of language in the Chief's oath of office, council resolutions supporting language and a quantity of signs on Cherokee Nation property that are written in the Cherokee syllabary.

#### QUOTATION OF THE DAY

# "Thank God the research didn't find that novels increased tooth decay or blocked up your arteries."

**LOUISE ERDRICH**, the novelist, on studies finding that after reading literary fiction people performed better on tests measuring empathy, social perception and emotional intelligence.

#### **Feast on the Farm**

It's been another abundant summer at the NS/S Conservation Farm in beautiful Patagonia, Arizona. Now it's time to share the bounty! All are welcome to join us for a scrumptious community feast of regionally-adapted delights. Bring a friend or two and musical instruments for a fireside jam under the stars!

Harvest Festival @ NS/S Conservation Farm Saturday, October 26, 2013 3 pm to dark *Please RSVP for an invite and directions:* <u>info@nativeseeds.org</u>

#### Solar Home Tour Shows Benefits Of Sun Power

**Trov Wilde, Public News Service-NV** 

(10/04/13) LAS VEGAS - Las Vegas residents are being encouraged to tour solar-powered houses Saturday to learn more about the savings associated with harnessing the sun's energy.

Solar NV is sponsoring the American Solar Energy Society's National Solar Tour of several houses using solar energy on Saturday between 10 a.m. and 4 p.m.

According to Solar NV President Guy Snow, he personally powers his home with solar energy, and the cost savings can amount to thousands of dollars per year.

"The best benefit that I like ... I have an older home, have a big shop and I have solar on my house; the best part I like is that I'm controlling my energy costs," Snow said. "I'm paying \$10.50 a month."

Snow said at least two builders in Las Vegas only put up new houses powered by solar energy, but that there are other options available for people wanting to convert an existing home to solar.

"You're able to either refinance or get a green mortgage, or a home improvement for the solar that's tied just to that, so that you can get that on your existing home also."

Snow says the Solar Tour features about a dozen homes that are currently solar powered. He says it's a good opportunity to learn how solar energy works for home use.

To take part in the solar tour you must register online at <u>SolarNV.org</u>.

Brazil: 1500 Indigenous Peoples occupy the Esplanade of Ministries. Nearly 1,500



Indigenous Peoples from across Brazil on Wednesday occupied a central road in the federal capital Brasília known as the Esplanade of Ministries, paralyzing traffic in both directions. A part of the National Indigenous Mobilization convened by the Articulation of Indigenous

Peoples of Brazil (APIB), the protesters are trying to stop a legislative assault that threatens to severely undermine or extinguish Indigenous rights in the country. Read the full article at: <u>http://bit.ly/19YFSjv</u> Posted by Tee Kay

#### **Growth spurt** By Sage Leehey

Indoor agriculture may supplement the economy http://www.newsreview.com/reno/growth-spurt/content?oid=11634510

#### Next Time, Libraries Could Be Our Shelters From the Storm

By MICHAEL KIMMELMAN

As the New York region prepares neighborhoods for the next disaster, why not look

to some natural community centers, branch libraries?

The **International Center seeks families** or individuals interested in hosting a Rumsfeld Fellow for four nights in your home - Saturday, October 19-23, 2013.

The International Center will be hosting five Rumsfeld Fellows in Reno from October 19-23. We are looking for home hosts for the fellows for nights. Fellows can share a bedroom with another adult, but they need their own bed. Home hosts need to provide breakfast and some dinners. All transportation will be provided by NNIC.

As the countries of broader Central Asia chart a new path in the 21<sup>st</sup> century away from command economies and totalitarian regimes, the United States and the West can play a helpful role in their evolution toward freer economic and political systems. The Foundation is playing a part by cultivating a cadre of rising young leaders in politics, business, and academia from the region.

The Foundation has partnered with the Central Asia-Caucasus Institute at Johns Hopkins University's School of Advanced International Studies (SAIS) to establish the Central Asia-Caucasus Young Leaders fellowship program. We launched the program in the fall of 2008 to bring individuals from Central Asia, the Caucasus, Afghanistan and Mongolia to pursue research projects and establish ties with their counterparts in the United States. Throughout a six week program, each group of fellows meets with American policy makers, public officials, analysts, business leaders, journalists, academics and regional experts in their area of interest.

Here's some additional information on the Rumsfeld Fellows:

- Marat is 33 and hails from Kyrgystan. He works for a Kyrgyz Waste Water Treatment facility and is also engaged in the International Youth Foundation. He is interested in learning more about green policies here in Reno.
- Diana is from Armenia. She is the executive director of the American Chamber of Commerce there and she'd like to learn more about ethical business practices.
- Ibrahim is from Uzbekistan. He is 36 and the Advisor for the Turkish Foundation as well as an advisor for the World Economic Forum.

- David (32) is from the Republic of Georgia. he is the Director of International Relations in the Ministry of Defense and is interesting in learning more policy oriented issues in the United States.
- Rashad (34) is from Azerbajan. he is a research fellow in the office of the President of Azerbajan, and he is interested in just learning more about the US

HUGE ANTI-DRILLING IN THE ARTIC BANNER DROPPED AT FOOTBALL GAME. "DON'T FOUL THE ARTIC!" <u>http://twitpic.com/dg5wbu</u> - <u>#FREETHEARTIC30</u> <u>#HYPOCRITE #SATAN #EVIL #NOMOREWARS #SYRIA #NOWAR #GLOBALPROTEST</u> <u>#GREENPEACE #NOARTICDRILLING #SAVETHEPOLARBEARS #HARPERISADICK</u> <u>#HARPERSUCKMOOSEBALLS</u> <u>#ENBRIDGESUCKS</u> <u>#ENBRIDGEEVIL</u>



<u>#ENBRIDGEGREED</u> <u>#ENBRIDGEFAIL</u> <u>#ENBRIDGECURSED</u> <u>#SARNIA</u> <u>#LINE9</u> <u>#AAMJIWNAAG</u> <u>#ASAP</u> <u>#CHEMICALV...</u>See More

Arctic Sea Ice and Al Gore's "Prediction 2013"

**Bruce Melton, Truthout:** While climate change deniers misrepresent what AI Gore said about Arctic ice, the reality in the Arctic outpaces the most pessimistic predictions. It's time to get angry and do something. <u>Read the Article and Listen to the Audio</u>

#### **Highly Selective Colleges Invite You for Virtual Chats**

Greetings from the Columbia University and Yale University Offices of Undergraduate Admissions! We invite you to join us for a special series of virtual chats to learn about selective college admissions and affordability.

Jessica Cho, Assistant Director and Native American Outreach Coordinator at Columbia, and Bowen Posner, Associate Director of Admissions and Coordinator of Native American Outreach at Yale, will offer two virtual chats to cover topics that we know are of concern for families and educators. You can tune into these chats from anywhere as long as you have an internet connection, and we will offer the chance to pose questions before and during the chat!

Over the next few weeks, we will be discussing the following topics:

<u>Highly Selective Admissions</u>, Tuesday, October 15th at 9:00pm EST: <u>Registration Form</u> What does "highly selective admissions" mean? What do highly selective colleges look for in applicants? How do I best prepare myself or my students for the admission process?

**Financial Aid:** Tuesday, October 29 at 9:00pm EST: <u>Registration Form</u> How does one afford a college education? What resources are available to offset the cost? What does the financial aid application process entail?

Please RSVP for the session(s) that most interest you, and and we encourage you to pose any pressing questions in advance on the registration form. We hope the academic year is off to a great start and look forward to the opportunity to speak and work with you over the upcoming weeks.

Sincerely, Jessica Cho and Bowen Posner

#### Register Now for 2013 Used Oil/HHW Conference

The California Department of Resources Recycling and Recovery (CalRecycle) and the Department of Toxic Substances Control (DTSC), invite you to attend the 2013 Used Oil/HHW Training & Conference themed, "Sharing Our Success for a Greener Future".

The training and conference is being held October 28-31, 2013 at the Sacramento Convention Center. WSPPN is a proud sponsor of the Emerging Issues Track which features many P2 sessions of interest outlined in this newsletter. <u>To register.</u>

For up-to-date conference information.

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Columbus Book Deficiencies (holiday)

#### **Columbus Day Alternatives (holidaze)**

Columbus Day Alternatives from UNITED NATIVE AMERICA 1008 SE 10 th StreetMuldrow, OK 74948 <u>MikeCherokee@aol.com</u>STAR Students and Teachers Advocating RespectFairfield, Ct 06430 <u>ROSEPETL5@AOL.COM</u>

To Whom It May Concem:United Native America and Students and Teachers AdvocatingRespect would like to encourage your school to participate in Native American Day and November as Native American Heritage Month, as first proclaimed in 1990 by the U.S.Senate and President George W.Bush.

While California has selected September 26 as Native American Day, seventeen states have chosen to eliminate Columbus Day and South Dakota has replaced it with Native American Day.

Across the country, several states have already taken the first steps in developing legislation to make these holidays become a reality. Many states already study Native Americans in the month of November as part of their Thanksgiving preparation. However, much of the educational material that is readily available has focused on stereotypes of Native people. STAR andUNA have been working with Native educators nation-wide to provide you with appropriate and culturally sensitive materials that will enhance the studies that are currently taught. Material is now available that makes the old methods of teaching about Native people obsolete. Learn how Native people played a part in the development of our democratic society, learn about heroes and famous Native American people, learn how the advanced agricultural developments of Native people introduced countless new medicines as well as many new foods to the European diet, learn about games we still play that originated with Native people, and for the upper grades, there are also lessons to be

learned about the times our country committed genocide on an innocent people. All of these are important aspects of the development of our country that up until now have been missing from traditional curriculum.

Following are some websites that will contain material that has been approved by the Native American communities for teaching in the classroom. For the first time, study about Native people that are alive and well and living in the USA rather than only studying the past, learn why Native people continue to use feathers in their ceremonies and how their heritage lives on despite the fact that up until now, it has only been studied from an archaic point of view. We can help you contact people that can help you bring Native Studies alive inyour classroom and bring an end to stereotypes at the same time. The benefits of expanding our understanding of the many Native cultures will result in a deeper appreciation for Native people and their contributions to our country. As



America always pushed us off our land and took the best part for themselves. Wherever they pushed us, we would again begin to thrive. Then, they wanted that. The lands we were pushed on became worse and worse. Yet, still the Creator provided for us.' —Leonard Peltier a multi-cultural experience, the benefits of sponsoring Native American Heritage Month or Native American Day will bring heightened self esteem to Native children as they see themselves represented in a meaningful manner relevant to the present rather than only in the past. It will also bring the respect of the non-native students to the life ways of Native people. Thank you. Sincerely, Mike Graham founder of U.N.A. Christine Rose founder of STAR

#### WEBSITES

http://eric-web.tc.columbia.edu/guides/pg6.htmlCommunity Guide to Multicultural Education Programs http://www.edu.gov/databases/ERIC\_Digests/ed394744.htmlTeaching Young Children About Native Americans http://www.education-world.com/a\_cum/cum040.shtmlAre You Teaching The Real Story of Thanksgiving http://www.education-world.com/a\_lesson/lesson038.shtml Exploring Native Americans Across the Curriculum http://www.first-americans.net/First American Education Project, a group of Native Educators reaching out to the general public

http://www.theramp.net/kohr4/The International Brotherhood Days, a website that offers the Native perspective of American History and heroes, an important and fascinating site

http://www.ratical.org/many\_worlds/6Nations/FFhtml#TOC Forgotten Founders, by Bruce Johansen. A doctoral thesis on the involvement of the Iroquois in the formation of democracy in America. Intriguing

<u>http://www.uvm.edu/~jloewen/</u>The homepage for James Loewen, the best selling author, Lies My Teacher Told Me <u>http://www.gatheringofnations.com</u>Native American non-profit org. founded in 1983 to promote Native American Indian culture & tradition, & dispel stereotypes created about indigenous people.

http://www.ilhawaii.net/~stony/quotes.htmlNative American Quotes.great for understanding Native American philosophy and perspective

http://www.u arizona.edu/~ecubbins/webcrit.htmlNative Web Site Evaluation, how to determine if the site you are using is a Native American Site or a site operated by non-native people

http://www.night.net/thanksgiving/lesson-plan.htmlTeaching About Thanksgiving, a true Native perspective with curriculum

http://www.turtletrack.org/Bios/CO\_BioMain.htmCanku Ota, an educational website about Native people and schools for all teachers, go to the search box on the home page to find almost anything about Native people.

http://www.alaskool.org/fmsetsitemap.htm Alaska Native Studies Curriculum and Teacher Development http://members.aol.com/bbbenge/page6.htmlA wonderful site dedicated to the Lakota People

http://www.oyate.org/catalog/index.htmlOyate is a website that promotes the use of writings of Native people when teaching about Native people. There are a list of books and curriculum developed by Native people as well as a list of books that perpetuate stereotypes and historical untruths that should be avoided. You'll be surprised!!

http://www.turtletrack.org/Issues00/Co11042000/CO\_11042000\_Heritage\_Month.htm/History Of Native American Heritage Month from Canku Ota

http://www.UnitedNativeAmerica.com/United Native America, a website dedicated to a Native American holiday. Many links to other Native websites

http://www.turtletrack.org/Links/CO\_NAHistoryLinks.htm/Native American History Linksfrom Canku Ota http://members.tripod.com/~PHILKON/On This Date in North American Indian History by Phil Konstantin www.ratical.com/many\_worlds/6Nations/NAPSnEoD92.html1992: "Native American Political Systems and the Evolution of Democracy

http://www.nativetech.org/Native Tech: a website that shows Eastern Native arts and crafts, games, foods, and much more throughout history. An excellent teaching source

.www.indiancircle.com Indian CircleWeb Ring: Complete list of Indian Nations on line and other contacts to the Indian community

www.hanksville.org/NAresources/Virtual library - American Indians index of Native American resources on the Internet.

For more educational websites or information, please contact Christine Rose at the email address above. For more information about the progress of the holidays or to get involved in bringing the holidays to your state, please contact Mike Graham at the email address above.