Governor's DroughtSummit 2015

Name: Abby Johnson
(Optional)

Organization: Great Basin Water Network
(Optional)

Comments/Questions:
In considering solutions, ideas, and approaches we hope that the interests of Eastern Nevada, including the target area of the Las Vegas Water Grab, are taken into consideration. There was little focus on that part of the state but it is essential that all parts of the state be able to not just survive but thrive on their own terms, with local control.

Governor's DroughtSummit 2015

Name:
(Optional)

Comment

Organization:
(Optional)

Comments/Questions: In order to eliminate the threat of SNWA grabbing water from NE Nevada we need a state law that denies the transfer of water from one watershed to another. (groundwater)

Governor's Drought Summit 2015

Name: Don Jardine

(Optional)

Organization: Alpine County

(Optional)

Comments/Questions: Is there any effect (positive or negative) do to cloud seeding operations upon the west and/or east side of Sierra Nevada

Governor's Drought Summit 2015

Name: C. Mahannah

(Optional)

Organization:

(Optional)

Comments/Questions: Question for Sam/Winn Farms: If the State Engineer were to curtail all junior GW rights in favor of senior SW rights, how are you prepared to deal with this? Is mitigating GW 'capture' of SW part of the plan either w/ wet water or compensation?

Governor's Drought Summit 2015

Name:

(Optional)

Organization:

(Optional)

To Sam

Comments/Questions:

Since Winemucca Farms uses 100% groundwater, how does drought impact its water supply? + therefore production?

Governor's Drought Summit 2015

Name:

(Optional)

Organization:

(Optional)

Comments/Questions: It is possibly impossible but if it is, I would love to explain why abandoning "use it or lose it without" fixing ~~the~~ other dimensions of the system would be a disaster for many!

Mike Young

Governor's Drought Summit 2015

Name: Pat Lynch
(Optional)

Organization:
(Optional)

For all participants.

Comments/Questions: Of all the presenting industries, clearly Agriculture is suffering the most. Is it getting the attention it needs from the state to help now and in the future? How can the public help?

Governor's Drought Summit 2015

Name: Jason King
(Optional)

Organization: DWR
(Optional)

Comments/Questions:

* How do the farmers feel about metering all uses?

* What can be done @ the state or local gov't level to support a transition to high value/lower water consumptive crops?

* How do farmers feel about mitigating conflicts with adjacent water users rights? e.g. drilling of new wells, deepening of wells, water trucks etc?

Governor's Drought Summit 2015

Name: Mike Buschelman

(Optional) mike@mbuschelman.com

Organization:

(Optional)

Comments/Questions: As a senior priority water right owner, would you lease your water to public utilities during drought periods &/or until ground water resources / surface water resources recover? If not - why not?

★ Please see question on back

Would you be willing to "give up" a portion of your water right duty (25% ±) in exchange for more flexibility - such as expanding your irrigated acreage with the remaining 75% ± ?

If not - Why not ?

Governor's DroughtSummit 2015

Name:

(Optional)

Organization:

(Optional)

Comments/Questions:

What is the GPCD of the Ag ~~in~~ industry?

What is the economic impact of the ag industry on the state of Nevada?

Governor's DroughtSummit 2015

Name: DAVID BARRETT

(Optional)

Organization:

(Optional)

Comments/Questions:

HOW CAN NEVADA ENCOURAGE ALTERNATE AGRICULTURAL METHODS SUCH AS GREENHOUSE CULTIVATION?

SUCH TECHNIQUES CAN ENCOURAGE HIGHER YIELDS ~~AND~~ LESS WATER USAGE.

Governor's Drought Summit 2015

Name: _____ (Optional)

Organization: _____ (Optional)

To Stix

Comments/Questions: When do you need to know ~~that~~ about drought restrictions to buy or sell cattle? February?

What would you like the BLM to do w/ respect to declaring drought?

Is it pratical to truck water?

AG Question

Governor's Drought Summit 2015

Name: _____ (Optional)

Organization: _____ (Optional)

QUESTION FOR "Drought in Nevada – Agriculture"

Comments/Questions: (1) MOST ALL THE SPEAKERS ARE DISCUSSING CHANGES TO THE "PRIOR TIME PRIOR RIGHT DOCTRINE." IT IS INTERESTING TO NOTE THAT ALL OF THEM ARE JUNIOR WATER RIGHT HOLDERS. WOULD THEIR OPINION CHANGE IF THEY WERE THE SENIOR WATER HOLDER AND THE JUNIOR WATER RIGHT HOLDERS WERE TRYING TO CHANGE THEIR STATUS LEGISLATIVELY?

(2) Do you believe that a senior water right holder should not be regulated to the benefit of a junior water right?

Governor's DroughtSummit 2015

Name: _____

(Optional)

Organization: _____

(Optional)

Comments/Questions: _____

What can agriculture do to reduce its use of the state's water?

This will be good for last speaker

Governor's DroughtSummit 2015

Name: Mark Walker

(Optional)

Organization: Dean/Director - University of Nevada Coop. Extension

(Optional)

Comments/Questions: (1) Are there opportunities for the landscaping industry to adopt & promote a "water efficient landscaper" credential, ~~which~~ that could make a company more competitive, particularly during times of water shortage?

(2) Is there good support & guidance for low-water use landscaping practices that works in the two major urban populations in Nevada?

(3) Is anyone in Nevada conducting research about irrigation practices and plant materials that might improve landscaping water efficiency?

Governor's Drought Summit – 2015

Name: Ray Bacon

Organization : NV Manufacturers Assn

Comments/ Questions: How much does artificial snow slow the flow water into the storage areas?

Governor's Drought Summit 2015

Name: _____ **(Optional)**

Organization: _____ **(Optional)**

Comments/Questions: How many open homes and homes for sale in Las Vegas.
How many homes have the Banks taken back.

Governor's DroughtSummit 2015

Name: Wendy Barrett

(Optional)

Organization: UI

(Optional)

Comments/Questions: Arizona Snowbowl uses reclaim for snowmaking.

Governor's DroughtSummit 2015

Name: Pat Lyons

(Optional)

Organization:

(Optional)

Comments/Questions: For Arizona Strain - can 'cloud seeding' help to make clouds dump snow - or is this practice only helpful for creating rain - or is that even successful?

Governor's DroughtSummit 2015

Name: _____

(Optional)

Organization: _____

(Optional)

Comments/Questions: Montreux Golf Course

Montreux in Reno has refused to use effluent water for its course. Management claimed this would not be good for the course's "special" grass.

How ~~to~~ could that attitude be changed?

Is that ~~a valid~~ consideration

Governor's DroughtSummit 2015

Name: (Louise Uttinger)

(Optional)

Organization: (Staff: PUCN)

(Optional)

MARK Foree (Like Water conservation measures)

Comments/Questions: Much of what TMWA does is educational - Can we solve two problems by:

1.) Requiring the Nevada History curriculum (for schools) to include drought information and water conservation measures AND

2.) Establishing met/meterological stations at rural schools (science dept?), thereby both educating the local community and adding to Nevada's 20 some met stations, providing critical local data?

Governor's Drought Summit 2015

Name: Mike Buschelman

(Optional) mike@mbuschelman.com

Organization:

(Optional)

Comments/Questions: Does your utility drought plan include leasing senior priority irrigation rights in an effort to secure water for customers in the event the utility junior priority rights are not served?

If not - why not?

Governor's Drought Summit 2015

Name: Mike Young

(Optional)

Organization:

(Optional)

We were told yesterday that a return to a wetter period may not occur.

Comments/Questions:

What plans are in place to deal with the ~~possibility~~ possibility that the next 5 years could be significantly worse than the 1930's drought. Could supplies for essential household and industrial purposes still be guaranteed? Yes / No?

- Las Vegas
- Truckee
- Reno
-

Governor's DroughtSummit 2015

Name: Mike Buschelman

(Optional) Mike@mbuschelman.com

Organization:

(Optional)

Comments/Questions: What benefit can each sector (Farming, Recreation, Industry, Gaming) see through efficiencies or conservation?

How will NRCS need to be changed to allow each sector receive the benefit of conserving water?

Governor's DroughtSummit 2015

Name: Pat Lynch

(Optional)

Organization:

(Optional)

Comments/Questions: What is being done to directly "enroll," educate and engage the public in making changes & advocating politically for needed changes

Governor's Drought Summit 2015

Name: Jerry Katzer

(Optional)

Organization: Retired / USGS / LVVWD

(Optional)

Comments/Questions: Nevada is well known for mining minerals that will never be replaced. I suggest forming numerous ground-water pumping Districts and pump from select basins for distribution to areas of need. Examples of mining ground-water for the obvious economic reasons are in Las Vegas Valley and Diamond Valley. If we are in a drought that may last decades or longer I'm sure we can overcome all the problems.

Comment

Governor's Drought Summit 2015

Name: DAVID BERGER - DIRECTOR (ACTING)

(Optional)

Organization: NEVADA WATER SCIENCE CENTER USGS

(Optional)

Comments/~~Questions~~: OBSERVATION

DR. BOYLE RECOGNIZED, IN HIS PRESENTATION, (ISSUE #1), THE LACK OF HYDROLOGIC OBSERVATIONS THROUGH OUT NEVADA. THE NEVADA WATER SCIENCE CENTER (USGS) LOCATED IN CARSON CITY PROVIDES STATEWIDE HYDROLOGIC DATA, FROM LONG-TERM GROUND-WATER LEVELS AND STREAMFLOW DATA TO HIGH ALTITUDE PRECIPITATION DATA. THE NWNSL ALSO COLLECTS SOIL MOISTURE AT SELECTED SITES. FUNDING TENDS TO BE THE LIMITING FACTOR IN PROVIDING ADDITIONAL HYDROLOGIC OBSERVATIONS. ~~FOR~~ TO CONTINUE THIS CONVERSION ~~BE~~ CONTACT DAVID BERGER @ dberger@usgs.gov 775 887-7458

Comment

Governor's DroughtSummit 2015

Name: Ray Bacon

(Optional)

Organization: NV Mfgrs Assn

(Optional)

Comments/Questions: Doug Boyle talked about the need to keep funding the limited government monitoring stations. Why can't we establish some monitor stations that can and are operated by farmers and other water users to gathers basic data from more station and reported electronically to provide better, broader for a fraction of the cost? Having the effected people gather the data increases problem ownership.

Governor's DroughtSummit 2015

Name:

(Optional)

Organization: Markleeville Water Co.

(Optional)

Comments/Questions: To satisfy Nevada's future needs is there any activity to change acre foot usage by water right users upstream from Nevada under the Alpine Decree

Governor's Drought Summit 2015

Name: Pat Heyser
(Optional)

Organization: Dedicated To You.
(Optional)

Comments/Questions: Would using the surplus help keep bears up + away from communities ~~bears~~

Governor's Drought Summit 2015

Name: Mike Young
(Optional)

Organization:
(Optional)

Comments/Questions: Question for Steve Hill

What is the relationship between water rights and State Domestic Product?

If the State moved to a ~~less~~ smarter unbridled water right system, what would be the economy?

Governor's Drought Summit 2015

Name: _____
(Optional)

Organization: _____
(Optional)

Comments/Questions: For: Jason King

Do you forsee shutting any domestic wells down? / shutting down

If so, where

Governor's Drought Summit 2015

Name: Mike Buschelman
(Optional) mike@mbuschelman.com

Organization: _____
(Optional)

Comments/Questions: Topic: Prior Appropriation Doctrine (1st in time 1st in right)

NDWR proposes to declair a non-preferred use = supplemental irrigation in Mason & Smith Valleys and establish a curtailment of a specific manner of use for 2016.

? 110 years of NRS provides for 1st in time = 1st in right. Do we need a legislative change to current NRS to allow a "set aside" of prior appropriation to allow preferred uses to be applied to existing approved water rights?

? Who gets to define preferred vs non-preferred use

Governor's DroughtSummit 2015

Name: CHRIS MAHANNAH

(Optional)

Organization: CHURCHILL / PERSHING CO.

(Optional)

Comments/Questions: SINCE WE CAN'T SEEM TO PREDICT WEATHER BEYOND ~ 7 DAYS, IT SEEMS LIKE ONE OF THE KEYS TO DROUGHT IS WATER MANAGEMENT. SURFACE WATER IS AFFECTED FIRST BY DROUGHT WHILE JR. GW RIGHTS CONTINUE TO PUMP & IRRIGATE WHICH CAN AFFECT SW FLOWS & IMPACTS ARE CUMULATIVE & DELAYED. IN MOST INSTANCES. GIVEN (WATER RESOURCES) DWR HAS MOSTLY ADMIN. GW (ground) & SW (surface) SEPERATELY IN THE PAST, HOW URGENT DO YOU FEEL THIS ISSUE IS WITH REGARDS TO REDUCED FLOWS IN THE TRUCKEE, CARSON, HUMBOLDT & WALKER RIVERS?

Governor's DroughtSummit 2015

Name: DAVID BARRETT III

(Optional) 775-720-3714

Organization: DEDICATED TO YOU

(Optional)

Comments/Questions: ~~ADD Water~~

WHAT ARE THE LAWS PERTAINING TO WATER CAPTURE AND STORAGE OF PRECIPITATION?

i.e. rain barrels

Governor's DroughtSummit 2015

Name: _____

(Optional)

Organization: _____

(Optional)

Comments/Questions: Why isn't the state constructing more meteorological / met stations?

Who typically constructs monitoring stations?

Why haven't / aren't more stations being built? What do they cost and who monitors them?

nment
ommendation

Governor's DroughtSummit 2015

Name: William Campbell

(Optional)

Organization: Inter-Tribal Council of Nevada

(Optional)

Comments/Questions: There are 27 federally recognized Tribes spread throughout Nevada. If an agency would provide funding for equipment and training, the Tribes would be willing to accept and maintain remote weather stations. Of course the funding would need to sustain a Tribal person to monitor and report the data generated by the weather station.

Governor's Drought Summit 2015

Name: L. Lawton
(Optional)

Organization: Legacy Trails Realty Pahrump
(Optional)

Comments/Questions: Water reducer - Ladies restroom's in Legislative Bldg - sinks & toilet's need water reducer's ..

Domestic wells - shut-off o.s, not tree's ... Tree's clean oxygen.

Hunting done by "draw" - Boating s/b done by "draw".

No lawn's - no where - there will be water storage for wildfires

Restaurant "water" glasses s/b served small size - refill if need ...

Governor's Drought Summit 2015

Name: Mark Walker
(Optional)

Organization: UNR Coop Ext.
(Optional)

Comments/Questions: • What is the best way to communicate relatively complex topics accurately & understandably to the general, urban public (example; the blob w/ El Niño)?

• Given the rapid turnover of news stories & topics that catch and release public attention, what is the best way to keep drought planning going? ~~[illegible]~~

• Did you notice that ~~public response~~ conservation efforts in urban areas ~~b~~ lost traction when it rained in Northern NV this summer?

Governor's Drought Summit 2015

Name: Mark Walker
(Optional)

Organization: UNR Extension
(Optional)

Comments/Questions: · Does northern NV have the equivalent of the program managed by SNWA that trains contractors in Water Smart landscaping techniques & ~~publishes~~ maintains a list / or a website?

Governor's Drought Summit 2015

Name:
(Optional)

Organization:
(Optional)

Comments/Questions: CAN you show the little old lady Commercial in Northern Nevada?

Governor's Drought Summit – 2015

Name: Ray Bacon

Organization : NV Manufacturers Assn

Comments/ Questions: The Smith Creek Ranch guy's comment on slowing the flow and dropping the sediment by filling their pond later in the season. Storing water higher and flowing it down slower - makes sense. Should we be removing beaver dams?

Governor's Drought Summit 2015

Name: _____

(Optional)

Organization: _____

(Optional)

Comments/Questions: re payout actual losses due to drought – over 54 mil paid out.

Q – monetary reserves?

Q – ongoing funding – long term??

Q – What is the average wait time for a farmer with a claim - drought disaster?

Governor's DroughtSummit 2015

Name: Pat Lynch
(Optional)

Organization:
(Optional)

Comments/Questions: Are there any 'pipelines' built or contemplated, that could move water from one place to another (on the surface). i.e. from the mountains to the Basins, or from the ocean to NV etc.

Governor's DroughtSummit 2015

Name: Kim Kelly
(Optional)

Organization: Farr West Engineering
(Optional)

Comments/Questions:
What is keeping us from continuing to thin our forests? We all know the benefits: increased tree health, increased wildlife habitat, increased capture of precipitation; etc. What are the Negatives keeping us from taking this action?

Governor's DroughtSummit 2015

Name: _____
(Optional)

Organization: _____
(Optional)

For Jake

Comments/Questions: _____

Taking into account water used for agriculture and other industries in Eureka County, what is Eureka County's GPCD?

Governor's DroughtSummit 2015

Name: Michael Johnson
(Optional)

Organization: Churchill County
(Optional)

1 Comments/Questions: Is there a way to monitor private residence water usage when they are on a ~~we~~ private well? Only water systems have a way to monitor water usage and can charge for more water usage.

2 How do we work with California on desalination projects? Real measures which can happen?

Governor's DroughtSummit 2015

Name: Kevin Brown
(Optional)

Organization: Virgin Valley Water District
(Optional)

Comments/Questions: If rates are raised to conserve more water, rates will have to be continued to be raised as conservation occurs for water utilities to meet fixed costs (debt, power, manpower, motorpools, infrastructure improvements). At what point will rate increases be too much for low income/fixed income citizens?

Governor's DroughtSummit 2015

Name: Pat Lynch
(Optional)

Organization:
(Optional)

Comments/Questions: No one has talked about the growth of population and the resulting demand for water. Who is taking population growth into consideration in its data & plans for future?

Governor's Drought Summit 2015

Name: _____ (Optional)

Organization: _____ (Optional)

Comments/Questions:

what specific recommendations do the environmental groups have to reduce agricultural water consumption?

Governor's Drought Summit 2015

Name: _____
(Optional)

Organization: _____
(Optional)

Comments/Questions: WATER Demand Exceeds Supply, Climate Change is here to stay, DROUGHT problems are WORLD Wide, WATER is OVER Appropriated.
WORLD Population projected to increase to over 9 Billion People by 2100 - Currently we are at 7.3 Billion.
WHEN will Population INCREASE and Educational MEASURES to Stabilize Population be discussed?
WATER is essential to life and the quality of life future generations will enjoy - When will

the Root problem - too MANY people making INCreased demands on limited resources be addressed?

This panel has MADE Good Points.

Governor's Drought Summit – 2015

Name: Ray Bacon

Organization : NV Manufacturers Assn

Comments/ Questions: Do the USFS Sno-Tel sights pass their weather data to the State Climatologist? If not what it take to get that to happen?

Governor's Drought Summit – 2015

Name: Ray Bacon

Organization : NV Manufacturers Assn

Comments/ Questions: Do the Federal Agencies routinely and automatically share data with State Agencies and private sector neighboring properties?

Governor's Drought Summit – 2015

Name: Ray Bacon

Organization : NV Manufacturers Assn

Comments/ Questions: BILL GATE FUNDED A PROJECT TO CREATE A LOW COST LOW WATER, LOW MAINTENANCE TOILET. WHAT HAPPEN TO IT? I HAVE HEARD THE HAVE A VIABLE PRODUCT BUT CANT BE USED IN THE US BECAUSE OF OUR BLDG CODE? CAN WE CHANGE THAT? WHERE COULD AND SHOULD THEY BE USED. HOW MUCH WATER COULD BE SAVED

Governor's Drought Summit – 2015

Name: Ray Bacon

Organization : NV Manufacturers Assn

Comments/ Questions: HOW MUCH WATER IS CONSUMED IN POWER GENERATION OPERATIONS IN THIS STATE? HOW MANY ACRE FT GO TO OTHER USES WITH THE REID GARDNER PLANT CLOSURE? WHERE DOES IT GO?

Far too many Wild ~~Feral~~ Fowl
Too many Horses, too many Elk,
too many wild Sheep, too much
PJ trees, unmanged Forests,
this - creates waste, disease and
wildfires. Is this managing
the Multiple use way? Or
Is this Mis-Mangement of
conservation by a top down
approch.

→ What is the % of
water evaporation linked to
the warmer climate change?
on the Colorado & Lake
Meade?