



Governor's Drought Summit 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 Drought Summit 2015

Name: Comment
(Optional)

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 Jarman

(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. MAHANATH

(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: _____

uses

Since Winemucca Farms ~~has~~^{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 that
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 govt 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:

Miche Buschelman

(Optional)

miche@mbuschelman.com

Organization:

(Optional)

Comments/Questions:

As a senior priority water right owner, would you lease your water to public utilities during drought periods for 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 ($\pm 25\%$) in exchange for more flexibility - such as expanding your irrigated acreage with the remaining $75\% \pm$?

If not - Why not?



Governor's Drought Summit 2015

Name: _____

(Optional)

Organization: _____

(Optional)

Comments/Questions: _____

What is the GPCD of the Ag industry?

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



Governor's Drought Summit 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
~~not~~ about drought restrictions to
buy or sell cattle? February?

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

Is it practical to truck water?

AG Question



Governor's Drought Summit 2015

Name: _____

(Optional)

Organization: _____

(Optional)

QUESTION FOR "Drought in Nevada - Agriculture"

① MOST
Comments/Questions: 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 Drought Summit 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 Drought Summit 2015

Name: Mark Walker

(Optional)

Organization: Dean/Director - University

(Optional) of Nevada Coop. Extension

- 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} for
homes for sale in Las Vegas.
How many homes have the
Banks taken back.



Governor's Drought Summit 2015

Name: Wendy Barnett
(Optional)

Organization: UI
(Optional)

Comments/Questions: Arizona Snowbowl uses reclaim
for snowmaking.



Governor's Drought Summit 2015

Name: Pat Lynch
(Optional)

Organization: _____
(Optional)

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

 **Governor's
Drought Summit
2015**

Name: _____

(Optional)

Organization: _____

(Optional)

Comments/Questions:

Montreux Golf Course
Montreux 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
Drought Summit
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:

(for schools)

- 1.) Requiring the Nevada History Curriculum to include drought
information and water conservation measures AND
- 2.) Establishing met/metrological 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 1930s drought.
Could supply for essential household and industrial
purposes still be guaranteed? Yes/No?

- Las Vegas

- Truckee

- Reno

-



Governor's Drought Summit 2015

Name: _____

(Optional)

Organization: _____

(Optional)

Comments/Questions:

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

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



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Name: _____

(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: Terry Katzer

(Optional)

Organization: Retired / USGS LVRWD

(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 NWNSC ALSO COLLECTS SOIL MOISTURE AT SELECTED SITES. FUNDING TENDS TO BE THE LIMITING FACTOR IN PROVIDING ADDITIONAL HYDROLOGIC OBSERVATIONS. PER TO CONTINUE THIS CONVERSATION BE CONTACT DAVID BERGER @

dberger@usgs.gov

775 887-7658

Comment



Governor's Drought Summit 2015

Name: RAY BASON

(Optional)

Organization: NV Mfgs Assn

(Optional)

Comments/Questions:

DAUG 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 GATHER BASIC DATA
FROM MORE STATIONS 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 Drought Summit 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:

(Optional)

Organization:

(Optional)

Comments/Questions:

Should using the supplies
help keep bears up & away
from communities
bears



Governor's Drought Summit 2015

Name:

(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

unbundled water right system, what would be the economy?



Governor's Drought Summit 2015

Name: _____

(Optional)

Organization: _____

(Optional)

Comments/Questions:

For: Jason King

Do you foresee shutting any domestic wells
down? ^{Shutting}

If so, where



Governor's Drought Summit 2015

Name: Mike Baschelman

(Optional)

mike@mbaschelman.com

Organization: _____

(Optional)

Comments/Questions:

Topic:

Prior Appropriation Doctrine (1st in time 1st in right)

ADWR proposes to declare a non-preferred use = supplemental irrigation in Mason & Smith Valleys and establish a curtailment of a specific manner of use for folk.

? 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?

? within acts to define preferred vs non-preferred like



Governor's Drought Summit 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.
ground GW & ^{surface} SW SEPERATELY IN THE PAST, HOW URGENT DO YOU
FEEL THIS ISSUE IS WITH REGARD TO REDUCING FLOWS
IN THE TRUCKEE, CARSON, HUMBOLDT & WALKER RIVERS?



Governor's Drought Summit 2015

Name: DAVID BARRETT III

(Optional) 775-720-3714

Organization: DEDICATED TO YOU

(Optional)

Comments/Questions:

~~What are the laws pertaining~~
WHAT ARE THE LAWS PERTAINING
TO WATER CAPTURE AND STORAGE
OF PRECIPITATION?

i.e. rain barrels



Governor's Drought Summit 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?

comment
recommendation



Governor's Drought Summit 2015

Name: William Campbell

(Optional)

Organization: Inter-Tribal Council of
Nevada

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
(Optional) Phonix

Comments/Questions:

Water reducer - Ladies restrooms
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 lawns - no where - there will be
water storage for wildfires

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

 **Governor's
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2015**

Name: Mark Walker

(Optional)

Organization: UNR Corp 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?

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



Governor's Drought Summit 2015

Name: _____

(Optional)

Organization: _____

(Optional)

Comments/Questions:

Does northern NV have the equivalent
of the program managed by SPWA that
trains contractors in Water Smart landscaping
techniques & publishes maintains a list
on a web site?



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



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 Drought Summit 2015

Name: _____

(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 Drought Summit 2015

Name: _____

(Optional)

Organization: _____

(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 Drought Summit 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 Drought Summit 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 ~~the~~ 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 Drought Summit 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 Drought Summit 2015

Name: Pat Lynch

(Optional)

Organization: _____

(Optional)

Comments/Questions: No one has talked about the growth of population and the resulting demand on 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?



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Name: _____

(Optional)

Organization: _____

(Optional)

Comments/Questions:

WATER Demand Exceeds Supply,
Climate Change is how to stay, Drought Problems on
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 THEY HAVE
A VIABLE PRODUCT BUT CAN'T BE USED IN THE
US BECAUSE OF OUR BLDG CODES? 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 ~~Fowl~~ Fowl
Too many horses, too many Elk,
too many wild sheep, too much
PJ trees, unmanaged forests,
this - creates waste, disease and
wildfires. Is this managing
the ~~Multipurpose~~ way? Or
Is this mis-management of
conservation by a top down
approach.

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