

**WHITE PINE COUNTY WATER ADVISORY COMMITTEE**

**TUESDAY, July 21, 2020**

**6:00 p.m.**

**White Pine County Library Conference Room  
950 Campton Street, Ely, NV 89301**

**A G E N D A**

- I. Call to Order
- II. Pledge of Allegiance and Introductions
- III. Public Comment
- IV. New Business
  - A. \*Discussion/for Possible Action – Approval of the June 16, 2020 Meeting Minutes.
  - B. \*Discussion – Report from Kyle Roerink on SNWA
- V. Unfinished Business
  - A. \*Discussion/for Possible Action – BARCAS II Study: *Send a letter to the White Pine County Board of Commissioners, asking them to contact the Congressional Delegation asking that there be federal funding appropriated to allow the USGS to conduct a second Basin and Range Carbonate Aquifer System Study.*
  - B. \*Discussion/for Possible Action – Update on Sidwell GIS project
- VI. On-Going Business
  - A. Referral of Items from County Commission
  - B. Review, Recommendations – Division of Water Resources, Monthly Report
  - C. Reports – USGS, BLM, US Forest Service, National Park Service, NDOW, Division of Water Resources, SNWA, State Land Use Planning Advisory Council, Robinson Nevada Mining Company, Ely Shoshone Tribe, and The City of Ely
  - D. Report – RCI, Jeremy Drew Update
- VII. Reports – Comments from Committee Members, Reports, Water Committee Members, and Meetings Attended
- VIII. \*Discussion/Action – Committee Vacancies, Resignations, Appointments
- IX. Next Meeting Time and Date Announcement
- X. Public Comment

XI. **\*Adjournment**

Asterisks (\*) Denotes possible action items of the White Pine County Water Advisory Committee

**Public Commentary:** A period devoted to comments by the public, if any, and discussion of those comments. No action may be taken upon a matter raised under this item of the agenda until the matter itself has been specifically included on an agenda as an item upon which action will be taken. (NRS 241.020(2)(c)(3).)

**Public Comment:** Public Comment during the White Pine County Water Advisory Committee meeting on July 21, 2020 will be for all matters both on and off the agenda and be limited to three minutes per person. Additionally, public comment of three minutes per person will be heard during the individual action items. The Board reserves the right to reduce the time or limit the total time allowed for public comment. The Board may prohibit comment if the content of the comments is willfully disruptive of the meeting by being slanderous, offensive, inflammatory, irrational, or amounting to personal attacks or interfering with the rights of other speakers. Persons are invited to submit comments in writing on the agenda items and/or attend and make comment on the item at the White Pine County Water Advisory Committee meeting.

**Note:** All times are approximate except for items agendized at a specific time. Action may be taken on all items except where otherwise indicated. Items not scheduled for a specific time may be considered at any time and in any order to promote efficiency. The Board may combine two or more agenda items for consideration and may remove an item from the agenda or delay discussion at any time. Sponsorship of an Agenda Item by a member of the White Pine County Water Advisory Committee may not signify agreement with the requested action.

**Notice to persons with disabilities:** Members of the public who are disabled and require special assistance or accommodation at the meeting are requested to notify the W.P. County Clerk's Office at 801 Clark Street, Suite #4, Ely, NV 89301 or by calling (775) 293-6509 at least two (2) days in advance.

I, Elanie Calderwood, did on the 15<sup>th</sup> day of July 2020 post four (4) notices of the White Pine County Water Advisory Committee Agenda in the County of White Pine, to-wit: At the White Pine County Library, White Pine County Courthouse, White Pine County Administration Offices, and Ely City Hall. The meeting notice is also posted to the White Pine County website at <http://whitepinecounty.net> and on the State of Nevada Public Notices website at <http://notice.nv.gov>. An additional copy of the Agenda along with supporting material, if any, are on display and available at the front counter of the White Pine County Clerk's Office at 801 Clark Street, Suite #4, Ely, NV 89301.



# THE EFFECTS OF THE 1997-1998 EL NIÑO ON THE GROWTH OF THE MEXICAN ECONOMY

By *Enrique Galván* and *Roberto Martínez*  
Instituto Tecnológico y de Estudios Superiores de Occidente

Abstract: This paper analyzes the effects of the 1997-1998 El Niño on the Mexican economy. It is found that the El Niño had a negative impact on the Mexican economy, particularly on the agricultural sector.

The 1997-1998 El Niño event had a significant impact on the Mexican economy, particularly on the agricultural sector. This paper analyzes the effects of the El Niño on the Mexican economy, focusing on the agricultural sector.

The El Niño event caused a significant decrease in the production of agricultural products, particularly in the southern and central regions of Mexico. This was due to the extreme weather conditions, including heavy rains and droughts.

The impact of the El Niño on the Mexican economy was also reflected in the decline of the agricultural sector's contribution to the GDP. This was due to the decrease in the production of agricultural products and the increase in the costs of production.

The El Niño event also had a negative impact on the Mexican economy in other sectors, such as the tourism and services sectors. This was due to the decrease in the number of tourists and the decline in the services sector's contribution to the GDP.

The El Niño event also had a negative impact on the Mexican economy in the long run. This was due to the damage to the agricultural sector and the decline in the services sector's contribution to the GDP.

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**WHITE PINE COUNTY WATER ADVISORY COMMITTEE**  
**TUESDAY, June 16, 2020**  
**6:00 p.m.**

**White Pine County Library Conference Room**  
**950 Campton Street, Ely, NV 89301**

**MEETING MINUTES**

**MEMBERS PRESENT: Rod McKenzie, Jill Ward, Frederick Partey, Ernie Flangas, and Gary Perea via telephone.**

**MEMBERS ABSENT: Dave Baker, Steve Carter, Norris Hendrix, Cody Odgers.**

**PUBLIC PRESENT: Jose Noriega, USFS, Elanie Calderwood, and Jeremy Drew, RCI via telephone.**

- I. **Call to Order** Rod McKenzie called the meeting to order at 6:00 pm
- II. **Pledge of Allegiance and Introductions**
- III. **Public Comment** None were made.
- IV. **New Business**
  - A. **\*Discussion/for Possible Action – Approval of the May 19, 2020 Meeting Minutes. Frederick Partey made a motion to approve the 05.19.2020 meeting minutes as presented. Jill Ward seconded the motion. The motion passed, with Ernie Flangas abstaining as he was absent.**
- V. **Unfinished Business**
  - A. **\*Discussion/for Action – Update on White Pine County Water Resources Plan Update Process This was approved at the last meeting, the next meeting the plan will go before the regional planning commission. Once approved at RPC it will go to the White Pine County Commission for approval. Frederick Partey sent an update to everyone’s email regarding the mine.**
  - B. **\*Discussion/for Possible Action – BARCAS II Study: *Send a letter to the White Pine County Board of Commissioners, asking them to contact the Congressional Delegation asking that there be federal funding appropriated to allow the USGS to conduct a second Basin and Range Carbonate Aquifer System Study.* Frederick Partey asked the committee to approve sending a letter to the White Pine County Commission to contact the Congressional Delegation. Gary Perea made a motion to move forward with a letter to the WPC BOCC. Jill Ward seconded the motion. The motion passed. Frederick and Gary will work together on the letter to be reviewed at the next meeting in July. Gary suggested that Millard County should be contacted also asking for the same letter to be sent to the Utah Congressional Delegation. Jose Noriega also suggested that there may be SNPLMA funding for the study. The USFS**

would have to sponsor the project and they would transfer the funds to USGS and DRI.

- C. **\*Discussion/for Possible Action – Update on Sidwell GIS project. This item was tabled until the next meeting.**

VI. On-Going Business

- A. **Referral of Items from County Commission The WPC BOCC Liaison was not present**
- B. **Review, Recommendations – Division of Water Resources, Monthly Report There was one application on the report no one present had information regarding the application.**
- C. **Reports – USGS, BLM, US Forest Service, National Park Service, NDOW, Division of Water Resources, SNWA, State Land Use Planning Advisory Council, Robinson Nevada Mining Company, Ely Shoshone Tribe, and The City of Ely USFS – Jose Noriega reported that camp grounds are open; East Creek is under construction but will not be totally closed, Bird Creek is currently closed for construction. The Ely District office is currently closed but hopefully will be open soon; you can still call the front desk for services. There is renewed interest in a ski resort on Ward Mountain. Jose also addressed the drought issue, springs are very low. Fire suppression they will be attacking fire at the initial start to keep them as small as possible to avoid bringing type 1 and type 2 units into the area because of COVID-19 issues Ely Shoshone Tribe – Jill Ward did not have any information to report. City of Ely – Ernie Flangas recommended that the State Water Engineer should report every permit that SNWA applied, and what they have given up or which ones they still have. RNMC – Frederick Partey reported that they are continuing to dewater the Ruth Pit. They are providing 1800 gals/minute to the City of Ely and 3000 gals/minute to Gleason Creek. There currently is an EIS for the mine expansion; they are currently in the public scoping period. Tomorrow night at 5:00 and 7:00 pm they are have a virtual public meeting through zoom. This will extend the mine life to 2028.**

- VII. Reports – Comments from Committee Members, Reports, Water Committee Members, and Meetings Attended

- VIII. **\*Discussion/Action – Committee Vacancies, Resignations, Appointments There are currently two vacancies on the Water Advisory Committee**

- IX. Next Meeting Time and Date Announcement **The next meeting will be July 21, 2020 @ 6:00 pm**

- X. Public Comment **Frederick Partey suggested having Kyle Roerink call into the next meeting to give an update on SNWA. Jeremy Drew from RCI reported that they started their contract with White Pine County in April, 2020. They are currently working on the RNMC mine expansion and the BLM Targeted**

**Grazing EA. Frederick Partey asked to have RCI look into the rule change talking about point of diversion and if someone does not use their water rights they will lose them. Jeremy commented that he will ask the water rights staff and have look into to how it will be best for White Pine County to protect their water rights. Jeremy also reported that any formal request from WAC will have to be approved through the White Pine County Commission.**

XI. **\*Adjournment Rod McKenzie adjourned the meeting @ 7:01 pm**

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July xxx, 2020

Water Advisory board  
White Pine County  
801 Clark Street  
Suite 4  
Ely, Nevada 89301

Board of Commissioners  
White Pine County  
801 Clark Street  
Suite 4  
Ely, Nevada 89301

In 2007 a scientific investigation report was completed by United States Geological Survey (USGS) in collaboration with Dessert Research Institute (DRI) titled "Water Resources of the Basin and Range Carbonate-Rock Aquifer System, White Pine County, Nevada, and Adjacent Areas in Nevada and Utah. Here is the narrative "In response to concerns about water availability and limited hydrogeologic information, Federal legislation (Section 301(e) of the Lincoln County Conservation, Recreation, and Development Act of 2004: PL 108-424) was enacted in December 2004 that directs the Secretary of the Interior, through the U.S. Geological Survey (USGS), the Desert Research Institute (DRI), and a designee from the State of Utah, to conduct a water-resources study of the basin-fill and carbonate-rock aquifers in White Pine County, Nevada, and smaller areas of adjacent counties in Nevada and Utah. The primary objectives of the Basin and Range carbonate-rock aquifer system (BARCAS) study are to evaluate: (1) the extent, thickness, and hydrologic properties of aquifers, (2) the volume and quality of water stored in aquifers, (3) subsurface geologic structures controlling ground-water flow, (4) ground-water flow directions and gradients, and (5) distributions and rates of recharge and ground-water discharge. Geologic, hydrologic, and geochemical information are integrated to determine basin and regional ground-water budgets.

It has been over a decade since the BARCAS study was completed and many new data have been collected since then. Because of continuing growth of southern Nevada and increasing demand on limited water resources in this arid setting, an update of the BARCAS study is critical to protect the interests of stakeholders and to optimize the development of the water resources while minimizing any impacts.

Due to the age of the data collected and availability of many new data that have been collected a BARCAS II study is needed to update current knowledge, focus on key areas where the hydrology was not well known. To update BARCAS study, the following will be completed and drill new monitoring wells for water levels and groundwater chemical tracers. Specific objectives include:

- Update with new information since BARCAS I project
  - Geochemistry

- New well completion and associated aquifer property information
  
- Improve understanding of groundwater flow on smaller scale
  - Focus on areas of limited data
- Refine the BARCAS area water budgets
  - Focus southern Steptoe Valley flow system and other areas of notable uncertainty
- Improve estimates of groundwater recharge
- Improve estimates of groundwater discharge
- Refine estimates of groundwater flow between across boundaries
- Update water-level maps
- Analyze water-level trends
- Collect new aquifer-properties data
  - Drill new wells
  - Conduct field aquifer tests
  - Collect groundwater additional geochemical tracers

The Water Advisory Board are asking you the White Pine County Commissioners to contact the U.S. Congressional Delegations to appropriate federal funding to allow the USGS and DRI to conduct a second Basin and Range Carbonate Aquifer System Study.

Sincerely,

Rod McKenzie (Chair)  
Water Advisory Board  
White Pine County



# Monthly Report

Monthly Report For The Month of: July 2020

Run Date: 7/15/2020 8:24:01 AM

| APP NO. | DATE   | CHG | BASIN | OWNER NAME                    | SRC | DESCRIPTION         | CO | DUTY | DIV RATE | MOU | POINT OF DIVERSION | SEC | TWN | RNG |
|---------|--------|-----|-------|-------------------------------|-----|---------------------|----|------|----------|-----|--------------------|-----|-----|-----|
| 89883   | Jul-01 |     | 195   | GRANITE PEAK PROPERTIES, L.C. | SPR | EAST WATER HOLE     | WP | 9.33 | 0.025    | STK | 13                 | 10N | 70E |     |
| 89884   | Jul-01 |     | 195   | GRANITE PEAK PROPERTIES, L.C. | UG  |                     | WP | 0    | 1        | STK | 24                 | 10N | 70E |     |
| 89885   | Jul-01 |     | 195   | GRANITE PEAK PROPERTIES, L.C. | UG  |                     | WP | 80   | 0.89     | IRR | 13                 | 10N | 70E |     |
| 89886   | Jul-02 |     | 195   | GRANITE PEAK PROPERTIES, L.C. | UG  |                     | WP | 432  | 0.6      | IRR | 24                 | 10N | 70E |     |
| 89887   | Jul-02 |     | 195   | GRANITE PEAK PROPERTIES, L.C. | UG  |                     | WP | 0    | 4.45     | IRR | 25                 | 10N | 70E |     |
| 89888   | Jul-02 |     | 195   | GRANITE PEAK PROPERTIES, L.C. | UG  |                     | WP | 0    | 4.45     | IRR | 25                 | 10N | 70E |     |
| 89889   | Jul-02 |     | 195   | GRANITE PEAK PROPERTIES, L.C. | UG  |                     | WP | 0    | 0.64     | IRR | 25                 | 10N | 70E |     |
| 89890   | Jul-02 |     | 195   | GRANITE PEAK PROPERTIES, L.C. | UG  |                     | WP | 0    | 1.38     | IRR | 13                 | 10N | 70E |     |
| 89891   | Jul-02 |     | 195   | GRANITE PEAK PROPERTIES, L.C. | UG  |                     | WP | 0    | 4.45     | IRR | 25                 | 10N | 70E |     |
| 89892   | Jul-02 |     | 195   | GRANITE PEAK PROPERTIES, L.C. | UG  |                     | WP | 0    | 4.45     | IRR | 24                 | 10N | 70E |     |
| 89899   | Jul-08 |     | 184   | VOGLER, HENRY C, IV           | SPR | WILLOW SPRING       | WP | 28   | 0.04     | STK | 15                 | 21N | 66E |     |
| 89900   | Jul-08 |     | 184   | VOGLER, HENRY C, IV           | SPR | SPRING #1           | WP | 28   | 0.04     | STK | 01                 | 21N | 65E |     |
| 89901   | Jul-08 |     | 184   | VOGLER, HENRY C, IV           | SPR | SPRING #2           | WP | 28   | 0.04     | STK | 12                 | 21N | 65E |     |
| 89902   | Jul-08 |     | 184   | VOGLER, HENRY C, IV           | SPR | SPRING #3           | WP | 28   | 0.04     | STK | 12                 | 21N | 65E |     |
| 89903   | Jul-08 |     | 185   | VOGLER, HENRY C, IV           | SPR | GLENCOE MINE SPRING | WP | 28   | 0.04     | STK | 02                 | 21N | 69E |     |
| 89904   | Jul-08 |     | 185   | VOGLER, HENRY C, IV           | UG  | GLENCOE WELL        | WP | 28   | 0.04     | STK | 01                 | 21N | 67E |     |
| 89905   | Jul-08 |     | 184   | VOGLER, HENRY C, IV           | SPR | DIPPING SPRINGS     | WP | 28   | 0.04     | STK | 15                 | 22N | 66E |     |
| 89906   | Jul-08 |     | 184   | VOGLER, HENRY C, IV           | SPR | GARDEN SPRING #1    | WP | 28   | 0.04     | STK | 09                 | 22N | 66E |     |
| 89907   | Jul-08 |     | 184   | VOGLER, HENRY C, IV           | SPR | GARDEN SPRING #2    | WP | 28   | 0.04     | STK | 09                 | 22N | 66E |     |

Monthly Report For The Month of: July 2020

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|---------|--------|-----|-------|--|-----|------------------|----|------|----------|-----|--------------------|-----|-----|-----|
| 89908   | Jul-08 |     | 184   | VOGLER, HENRY C. IV                    | SPR | GARDEN SPRING #3 | WP | 28   | 0.04     | STK | 09                 | 22N |     | 66E |
| 89915   | Jul-10 |     | 179   | KAY LEAR FAMILY REVOCABLE LIVING TRUST | UG  |                  | WP | 3.36 | 0.0047   | STK | 13                 | 23N |     | 63E |

STEVE SISOLAK  
Governor

STATE OF NEVADA

BRADLEY CROWELL  
Director



TIM WILSON, P.E.  
State Engineer

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES  
DIVISION OF WATER RESOURCES

901 South Stewart Street, Suite 2002  
Carson City, Nevada 89701-5250  
(775) 684-2800 • Fax (775) 684-2811  
<http://water.nv.gov>

**NOTICE OF HEARING ON PROPOSED ORDERS TO DESIGNATE  
THE NEWARK VALLEY AND LONG VALLEY HYDROGRAPHIC BASINS**

The State Engineer will hold a public hearing on proposed orders to designate the Newark Valley Hydrographic Basin (154) and Long Valley Hydrographic Basin (175). The public hearing will be held to provide notice and to take testimony on the proposed orders. The hearing is open to the public and will convene at

**10:30 A.M., WEDNESDAY, AUGUST 12, 2020**

*If Emergency Directive 006 is extended past July 31, 2020, there will be no physical location for this hearing and the hearing will be held through video and teleconference. Information to join the video and teleconference will be posted on the Division website, no less than three business days before the hearing is to be held.*

*If Emergency Directive 006 expires on July 31, 2020, the hearing will be scheduled for a later date at a suitable location within White Pine County, the county where the majority of the basins lie. A notice will be posted on the Division website, no less than three business days before the hearing is to be held, scheduling the hearing date and location.*

Oral testimony will be accepted during the hearing. Written testimony will be accepted until Wednesday, August 26, 2020 and may be mailed to the Nevada Division of Water Resources at the above address.

The public is encouraged to read the proposed orders. The proposed orders may be obtained from the Division website at <http://water.nv.gov>, by contacting the Nevada Division of Water Resources in writing at 901 S. Stewart Street, Suite 2002, Carson City, Nevada, 89701, or by calling (775) 684-2800. A reasonable fee for copying may be charged for items printed and mailed from the Division.

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Posted July 9, 2020

**Notice of Hearing on Proposed Orders to Designate the Newark Valley and Long Valley  
Hydrographic Basins  
Page 2**

**This Notice of Hearing on Proposed Orders has been sent to the county commissioners and all persons on the agency's mailing list for hearings and posted at the following locations:**

**INTERNET WEBSITES**

**Nevada Division of Water Resources**

**<http://water.nv.gov/>**

**Nevada Department of Conservation and Natural Resources**

**<http://dcnr.nv.gov/>**

**A Public Notice of Hearing will be published in the legal section of newspapers of general circulation in White Pine, Eureka, and Elko Counties, once per week for the weeks of July 13, 2020 and July 20, 2020.**

***The Nevada Division of Water Resources is pleased to make reasonable accommodations for members of the public who are disabled and wish to participate in the hearing. If special arrangements for the hearing are necessary, please call (775) 684-2800.***

**###**



**White Pine County Natural Resource and Public Land Issues Tracking List  
For Resource Concepts, Inc. Project #20-125:  
As of June 29, 2020**

**April:**

- US Fish and Wildlife Service Raven Data Call
  - Information submitted on 3/31/2020
- BLM Pinyon-Juniper Categorical Exclusion
  - Comments submitted on 4/13/2020
- BLM Greater Sage-grouse Supplemental Draft EIS and Land Use Plan Amendment
  - Comments submitted on 4/15/2020

**May:**

- BLM's Draft Programmatic EIS (Draft PEIS) for Rangeland Restoration
  - Comments submitted on 5/27/2020

**June:**

- Robinson Mine Expansion, Scoping
  - Comments submitted on 6/25/2020

**July:**

- BLM, Nevada State Office, Targeted Grazing Environmental Assessment
  - Comments due on 7/9/2020
- USFS Moriah Herd Area Wild Horse Gather Plan Environmental Assessment
  - Comments due on 7/24/2020
- DOI Grazing Regulation Updates
  - Comment timeline TBD

**Future Items:**

- USFS Greater Sage-grouse Objection Period, Still Pending (Timeline TBD)
- HT National Forest Prescribed Fire Cat. Ex. NEPA Process (Timeline TBD)

**Upcoming Meetings:**

- Public Land Use Advisory Council: **2<sup>nd</sup> Tuesday of each Month @ 6 pm (July 14)**
- Water Advisory Council: **3<sup>rd</sup> Tuesday of each Month @ 6 pm (July 21)**
- NV Legislative Committee on Public Lands: **July 22 & Aug. 11, Locations TBD**
- NACO Public Lands and Natural Resources Committee: **July 30 @ 3 pm, Carson City**
- White Pine County CRM: **September**

