

**BEFORE THE STATE ENGINEER, STATE OF NEVADA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES,
DIVISION OF WATER RESOURCES**

IN THE MATTER OF SOUTHERN
NEVADA WATER AUTHORITY
APPLICATION NOS. 53987
THROUGH 53992 AND 54003
THROUGH 54021, FILED TO
APPROPRIATE THE
UNDERGROUND WATERS OF THE
CAVE VALLEY, DRY LAKE
VALLEY, DELAMAR VALLEY AND
SPRING VALLEY HYDROGRAPHIC
BASINS (180, 181, 182, and 184),
LINCOLN AND WHITE PINE
COUNTY, NEVADA

**SUMMARIES OF REBUTTAL
WITNESSES' TESTIMONY
SUBMITTED BY SOUTHERN
NEVADA WATER AUTHORITY
FOR THE HEARING SCHEDULED
TO BEGIN ON SEPTEMBER 26,
2011**

COMES NOW, SOUTHERN NEVADA WATER AUTHORITY (hereinafter referred to as "SNWA"), by and through its attorneys, PAUL G. TAGGART, ESQ., of the law firm of TAGGART & TAGGART, LTD., DANA R. WALSH, ESQ., Deputy Counsel, SOUTHERN NEVADA WATER AUTHORITY, ROBERT A. DOTSON, ESQ., of the law firm of LAXALT & NOMURA, LTD., and STEVEN O. SIMS, ESQ., of the law firm of BROWNSTEIN HYATT FARBER SCHRECK, LLP., and hereby submits its summaries of rebuttal witnesses' testimony for the hearing before the State Engineer beginning September 26, 2011, as required by the State Engineer's Notice of Pre-Hearing Conference and Hearing dated April 1, 2011.

In addition to the topics of testimony disclosed on July 1, 2011, by SNWA's initial Summaries of Witnesses' Testimony, the following are summaries of the proposed testimony of SNWA's rebuttal witnesses.

1. **Jeremy Aguero.** Mr. Aguero is a principal analyst with Applied Analysis. Mr. Aguero may testify in rebuttal to any testimony or evidence submitted related to the public interest, justification of need, or basin of origin. He may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 066 (Kilkenny report) and GBWN Exhibit No. 067 (Moeltner report).

2. **Doug Bennett.** Mr. Bennett is the Conservation Division Manager in the SNWA Environmental Resources Department. Mr. Bennett may testify in rebuttal to any testimony or evidence submitted related to conservation or justification of need. He may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 069 (Gleik and Cooley report) and GBWN Exhibit No. 072 (Pacific Institute report).

3. **John Bonow.** Mr. Bonow is Managing Director of the Pacific Northwest and western U.S. environmental utilities practices at The PFM Group. Mr. Bonow may testify in rebuttal to any testimony or evidence submitted related to SNWA's financial ability and its reasonable expectation to construct the Clark, Lincoln, and White Pine Counties Groundwater Development Project ("GWD Project") and apply the water to beneficial use.

4. **Kay Brothers.** Ms. Brothers was the Deputy General Manager for SNWA Engineering and Operations and currently serves as a consultant to SNWA. Ms. Brothers may testify in rebuttal to any testimony or evidence submitted related to justification of need, financial ability, or public interest.

5. **Andrew Burns.** Mr. Burns is the Water Resources Division Manager in the SNWA Groundwater Resources Department, and was previously the Senior Hydrologist. Mr. Burns may testify in rebuttal to any testimony or evidence submitted

related to hydrology, hydrogeology, evapotranspiration, or groundwater occurrence and movement. He may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 001, 002, 003, 004, and 005 (Myers reports).

6. John Candelaria. Mr. Candelaria is a Senior Associate at Aspen Environmental Group and specializes in power production, electric and gas resource planning, regulatory policy, and utility regulation. Mr. Candelaria may testify in rebuttal to any testimony or evidence presented related to basin of origin renewable energy development and associated water use or needs.

7. George Carter. Mr. Carter is an economist who works for Utility Resources, Inc. Mr. Carter may testify in rebuttal to any testimony or evidence presented related to agricultural basin of origin water use or needs and the economics of the same.

8. Frank D'Agnese, Ph.D. Dr. D'Agnese is a geological engineer and President of Earth Knowledge, Inc. Dr. D'Agnese may testify in rebuttal to any testimony or evidence presented related to conceptual or numeric groundwater models. He may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 002, 004, and 005 (Myers reports); and GBWN Exhibit No. 009 (Bredehoeft report).

9. Gary Dixon. Mr. Dixon is a geologist and founder of Southwest Geology, Inc. Mr. Dixon may testify in rebuttal to any testimony or evidence presented related to geology or hydrogeology. He may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 001, 002, 003, and 004 (Myers reports); and GBWN Exhibit No. 009 (Bredehoeft report).

10. Warda Drici. Ms. Drici is a Hydrologist II for the Water Resources Division in the SNWA Groundwater Resources Department. Ms. Drici may testify in

rebuttal to any testimony or evidence presented related to hydrology, hydrogeology, modeling, or predictions of effects from groundwater pumping. She may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 001, 002, 003, 004, 005 (Myers reports); and GBWN Exhibit No. 009 (Bredehoeft report).

11. John Entsminger, Esq. Mr. Entsminger was recently promoted to the position of Senior Deputy General Manager at SNWA. Mr. Entsminger may testify in rebuttal to any testimony or evidence presented related to justification of need; financial ability; public interest; monitoring, management, and mitigation; or basin of origin water use or needs. He may testify in direct rebuttal to items including, but not limited to, LONG Exhibit No. 002 (Thomas report).

12. Lynn Fenstermaker, Ph.D. Dr. Fenstermaker is an Associate Research Professor and Director of the Nevada Desert Research Institute, Division of Earth and Ecosystem Sciences. Dr. Fenstermaker may testify in rebuttal to any testimony or evidence presented related to the use of remote sensing and empirically derived relationships to estimate evapotranspiration.

13. Dylan Frehner, Esq. Mr. Frehner is General Counsel for the Lincoln County Water District. Mr. Frehner may testify in rebuttal to any testimony or evidence presented related to justification of need for Lincoln County or basin of origin water use or needs.

14. Guy Hobbs. Mr. Hobbs is a co-founder and current partner at Hobbs, Ong & Associates, Inc. Mr. Hobbs may testify in rebuttal to any testimony or evidence presented related to SNWA's financial ability and reasonable expectation to construct the GWD Project and apply the water to beneficial use.

15. Richard Holmes. Mr. Holmes is the Deputy General Manager of Engineering and Operations for the Las Vegas Valley Water District and SNWA, and is the former Assistant County Manager and former Planning Director for Clark County. Mr. Holmes may testify in rebuttal to any testimony or evidence presented related to justification of need; basin of origin water use or needs; financial ability; monitoring, management, and mitigation; or public interest.

16. Carl Linvill, Ph.D. Dr. Linvill is Director of the Integrated Planning and Analysis Division at Aspen Environmental Group. Mr. Linvill may testify in rebuttal to any testimony or evidence presented related to basin of origin renewable energy development and associated water use or needs.

17. Lisa Luptowitz. Ms. Luptowitz is the Environmental Resources Division Manager in the SNWA Environmental Resources Department. Ms. Luptowitz may testify in rebuttal to any testimony or evidence presented related to tribal or cultural resources; environmental soundness; or monitoring, management, and mitigation. She may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 014 (Deacon report), CTGR Exhibit No. 005 (Lahren report), and LONG Exhibit No. 004 (soils report).

18. Zane Marshall. Mr. Marshall is the SNWA Environmental Resources Department Director and previously a Senior Biologist for SNWA. Mr. Marshall may testify in rebuttal to testimony or evidence presented related to tribal or cultural resources; environmental soundness; or monitoring, management, and mitigation. He may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No.

014 (Deacon report), CTGR Exhibit No. 005 (Lahren report), and LONG Exhibit No. 004 (soils report).

19. Terry McLendon, Ph.D. Dr. McLendon is Principal Scientist at KS2 Ecological Field Services and serves as affiliate faculty at Colorado State University and Texas Tech University. Dr. McLendon may testify in rebuttal to any testimony or evidence presented related to plant ecology and associated topics. Dr. McLendon may testify as a percipient witness regarding his involvement with monitoring, management, and mitigation programs in Owens Valley, California. He may testify in direct rebuttal to items including, but not limited to, LONG Exhibit No. 001 (Owens Valley report), 002 (Thomas report), and 004 (soils report); and GBWN Exhibit No. 057 (Patten report).

20. Patricia Mulroy. Ms. Mulroy is the General Manager of the Las Vegas Valley Water District and SNWA. Ms. Mulroy may testify in rebuttal to any testimony or evidence presented related to justification of need; conservation; public interest; financial ability; environmental soundness; or monitoring, management, and mitigation.

21. Dan Nettleton, Ph.D. Dr. Nettleton is a professor in the Department of Statistics at Iowa State University. Dr. Nettleton has more than 15 years experience as a statistics professor. He may testify in rebuttal to the statistical methods used by protestant experts and may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 066 (Kilkenny report) and GBWN Exhibit No. 067 (Moeltner report).

22. Dennis Peseau, Ph.D. Dr. Peseau is an economist and President of Utility Resources, Inc. Mr. Peseau may testify in rebuttal to any testimony or evidence

presented related to agricultural basin of origin water use or needs and the economics of the same.

23. James Prieur. Mr. Prieur is a Senior Hydrologist for the Water Resources Division in the SNWA Groundwater Resources Department. Mr. Prieur may testify in rebuttal to any testimony or evidence presented related to effects from pumping or monitoring, management, and mitigation. He may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 009 (Bredehoeft report).

24. Peter Rowley, Ph.D. Dr. Rowley is a geologist and President of Geologic Mapping, Inc. Dr. Rowley may testify in rebuttal to any testimony or evidence presented related to geology or hydrogeology. He may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 001, 002, 003, and 004 (Myers reports); and GBWN Exhibit No. 009 (Bredehoeft report).

25. Michael Stanka, P.E. Michael Stanka is the President and Senior Engineer of Stanka Consulting, LTD. Mr. Stanka may testify in rebuttal to any testimony or evidence presented related to existing water rights. He may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 001 (Myers report) and CPB Exhibit No. 001 (Resource Concepts report).

26. James Thomas, Ph.D. Dr. Thomas was recently promoted to Interim Executive Director of the Division of Hydrologic Sciences of the Nevada Desert Research Institute. Dr. Thomas may testify in rebuttal to any testimony or evidence presented related to geochemistry, water isotopes, or groundwater age and travel time in the area of SNWA's GWD Project.

27. Michael Turnipseed, P.E. Mr. Turnipseed is a former Nevada State Engineer and may testify regarding the historic development of groundwater rights in Nevada, and the application of previous decisions of the State Engineer to consideration of the SNWA Applications. Mr. Turnipseed may testify regarding interbasin transfers in Nevada and municipal development of water resources in Nevada outside of discharge areas. He may testify about perennial yield, transitional storage, existing water rights accounting, water available for appropriation, and the reasonable lowering of the static water level. He may testify concerning basin of origin considerations, domestic wells, spring sources, interbasin flows, basin boundaries and potential effects from groundwater pumping. He may testify regarding application of the public interest factors considered by the State Engineer in determining whether granting the SNWA Applications is beneficial to the public interest. He may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 001, 003, and 004 (Myers reports).

28. James Watrus. Mr. Watrus is a Senior Hydrologist for the Water Resources Division in the SNWA Groundwater Resources Department. Mr. Watrus may testify in rebuttal to any testimony or evidence presented related to hydrology, hydrogeology, groundwater modeling, and effects of pumping. He may testify in direct rebuttal to items including, but not limited to, GBWN Exhibit No. 001, 002, 003, 004, and 005 (Myers reports); and GBWN Exhibit No. 009 (Bredehoeft report).

SNWA witnesses may also testify regarding any exhibit submitted by any party, any document referenced by any witness, as well as the factual basis, conclusions, and opinions provided by the protestant witnesses and the protestant rebuttal witnesses.

SNWA reserves the right to call any witness from the witness lists submitted by any other party.

Submitted this 25th day of August, 2011.



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CERTIFICATE OF SERVICE

I hereby certify that I am an employee of the SOUTHERN NEVADA WATER AUTHORITY, and that on this date, I served or caused to be served, a true and correct copy of SNWA's SUMMARY OF REBUTTAL WITNESS' TESTIMONY, REBUTTAL EXHIBIT LIST, and REBUTTAL EXHIBITS via FEDERAL EXPRESS OVERNIGHT SERVICE, by placing the above-identified documents in a box, addressed as follows with shipping pre-paid, at Las Vegas, Nevada, in the ordinary course of business:

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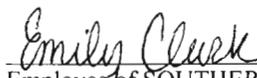
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DATED this 25 day of August, 2011.



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