

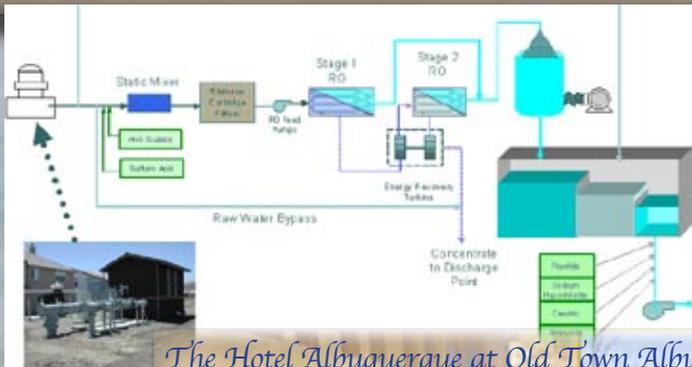
2005 National Salinity Management and Desalination Summit

Policies for Successful Desalination Programs

December 8-9, 2005

*The Hotel Albuquerque at Old Town
Albuquerque, New Mexico*

El Paso/Fort Bliss Desalination Facilities



The Hotel Albuquerque at Old Town Albuquerque



In building on the success and momentum from the previous three events, the fourth annual Summit will address a wide range of salinity management and desalination topics through a variety of perspectives. The primary focus of this year's summit will be "***Policies for Successful Desalination Programs***". Successful desalination programs require developing and implementing policies to overcome the various challenges to desalination, and identifying creative and successful methods to bring a project to fruition. Useful policies and approaches will be addressed, as well as funding objectives, bringing local governments on board, technology transfer and implementation, permitting, power costs, co-location of generating and water treatment facilities, environmental issues, and congressional initiatives.

Keynote Speakers are the **Honorable United States Senator Pete Domenici from New Mexico**, Chair of the Energy and Natural Resources Committee, the **Honorable United States Senator Jeff Bingaman from New Mexico**, Ranking Member of the Energy and Natural Resources Committee, and the **Honorable New Mexico Governor, Bill Richardson**.

Program

Day 1 - Thursday, December 8, 2005

7:30 am – 4:00 pm ***Summit Registration***

8:00 am – 8:45 am ***Opening Remarks***

Ernesto A. Avila, P.E. - *Summit Chair and Executive Director - Northern California Salinity Coalition* - Welcome and Overview of the Multi-State Salinity Coalition

Alan Armijo - *Chair, Albuquerque-Bernalillo County Water Utility Authority* - Introduction of Keynote Speaker

Distinguished Keynote Speaker, The Honorable New Mexico Governor, Bill Richardson (invited)

8:45 am – 9:45 am

Federal, Regional and Local Actions to Facilitate Desalination/Defining the Challenges - Response to Keynote Speaker

What are the key desalination legislation and related issues, policies, and challenges that have the most impact on implementing desalination at a national, regional, and local level. What personal perspective and insights do our panelists have on these issues based on their first-hand experience?

Moderator: Ernesto A. Avila, P.E. - *Summit Chair and Executive Director of the Northern California Salinity Coalition*

 **Mike Gabaldon** - *Acting Director, Technical Resources, Bureau of Reclamation - Federal Perspective*

 **E. G. Rod Pittman** - *Chair, Texas Water Development Board*

 **Erik K. Webb** - *Sandia National Laboratories and Staff to Senate Energy and Natural Resources Committee*

 **Gerald E. Johns** - *Deputy Director Water Resources Planning & Management, California Division of Water Resources*

9:45 am – 10:05 am ***Break***
Poster and Reception Area

10:05 am – 11:00 am ***Creative Financing***
Creative Ways of Securing Funding

How have federal, state, regional, and local agencies funded desalination projects successfully and creatively? What policy issues/lessons learned would be of value to the other agencies considering the implementation of a desalination project?

Moderator: Steve Rossi - *Principal Water Resources Planner, City of Phoenix*

 **Ed Archuleta** - *Chairman for Multi-State Salinity Coalition and General Manager, El Paso Water Utilities*

 **Dr. Fawzi Karajeh** - *Chief of the Water Recycling and Desalination Branch of the Office of Water Use Efficiency and Transfers - California Department of Water Resources - California Desalination Task Force*

 **Bob Raucher** - *Executive Vice President, Stratus Consulting - The Value of Water*

11:05 am – 12:15 pm

Getting Your Policy Makers and Community Planners on Board - Desalination and Salinity Management Case Studies

How do you build that awareness and interest in your elected officials? If you're a public administrator, do you and/or your community planners adequately understand the problem of salinity management? Do you/they know about the different technologies available? Is your/their lack of understanding keeping you from developing the full range of solutions? What about plant operators -

if you install advanced desal technologies, operators have to be trained how to operate them. Is vendor training sufficient? Are there other ways to build operating experience?

Moderator: Bruce Johnson - Assistant Director of Tucson Water

 **Jerry Maxwell** - General Manager, Tampa Bay Water

 **Dave Mansfield** - General Manager, Water Resources, Scottsdale, Arizona

 **Paul Piraino** - General Manager of the Alameda County Water District

 **John Bruciak** - General Manager and CEO, Brownsville Public Utility Board

12:15 pm – 1:30 pm **Luncheon**
Ed Archuleta - Chairman for the Multi-State Salinity Coalition and General Manager, El Paso Water Utilities - Introduction of Keynote Speaker

Distinguished Keynote Speaker, The Honorable United States Senator Pete V. Domenici from New Mexico, Chairman of the Energy and Natural Resources Committee (confirmed)

1:45 pm – 3:20 pm **Environmental Issues**

How can we best deal and address the various environmental issues and mitigation measures required for desalination and salinity management projects (e.g. growth inducement, facility location, facility sizing; what size increments make sense, endangered species impacts vs. desalination: friend, foe, or partner)?

Moderator: Mark Sanchez - Executive Director, Albuquerque-Bernalillo County Water Utility Authority

 **Michael Cohen** - Senior Research Associate, Pacific Institute

 **Mike Fahy** - Manager, Planning and Development, El Paso Water Utilities, Paso del Norte Watershed Council

 **Joe Geever** - Southern California Regional Manager, Surfriders Association

 **Martha Davis** - Executive Manager of Policy Development, Inland Empire Utilities

 **Jared Huffman** - Senior Project Attorney, Natural Resources Defense Council

3:20 pm – 3:40 pm **Break**
Poster and Reception Area

3:40 pm – 5:15 pm **Managing the Energy Component of Desalination**

Recognizing the importance of power costs to seawater and brackish desalination, what can be done to reduce energy costs to the equation? What are the various scenarios (e.g. energy rate cost subsidies and/or lower non-retail rates), and the pros and cons of providing financial assistance to lower energy costs of these facilities to make desalinated water cost competitive? Is the real potential in reducing energy costs related to the future of applied research to lower pretreatment costs or the cost of membrane treatment? Is sufficient electrical generation capacity available to accommodate ever-increasing interest in seawater and brackish desalination in states like California, Texas, Florida, and others?

Moderator: Andy Seinkiewich - Manager, Metropolitan Water District of Southern California

 **Robert Wilkinson** - Professor, University of California at Santa Barbara

 **Commissioner John L. Geesman** - California Energy Commission

 **Nikolay Voutchkov** - Senior Vice President - Technical Services, Poseidon Resources

 **Jonathan Tom** - California Public Utilities Commission, California Task Force on Co-Location of Desalination and Power Plants

5:15 pm – 7:00 pm **Successful Policy Reception and Poster Session**

Day 2 - Friday, December 9, 2005

8:00 am – 10:00 am **Symposium Registration**

8:30 am – 9:00 am **Opening Keynote**
Dr. Karl Wood - Director, New Mexico Water Resources Research Institute, New Mexico State University - Introduction of Keynote Speaker

Distinguished Keynote Speaker, The Honorable United States Senator Jeff Bingaman from New Mexico - Ranking Member of the Energy and Natural Resources Committee (invited)

9:00 am – 10:15 am **Congressional Initiatives**
A Roundtable Discussion

A panel of legislative specialists with expertise in policy and budget issues will convene for a lively

interactive session with conference attendees. Departing from past panel presentations, this year's panel will address the issues conference attendees consider the most pressing matters influencing the outlook for desalination technologies and processes. With demand for new water supplies growing relentlessly, the importance of managing salinity and the need to mitigate environmental impacts, as well as the need to ensure a strong federal partnership with state and local agencies, the panel discussion will serve to provide a timely opportunity for conference attendees to voice their priorities and expectations as Congress turns its attention to developing the next generation of federal water resources policy.

Moderator: Paul E. Helliker - General Manager - Marin Municipal Water District

💧 **Nate Gentry** - Senate Energy and Natural Resources Committee

💧 **Steve Lanich** - Minority Staff, Natural Resources Committee

💧 **Roger Cockrell** - Professional Staff, Majority, Committee on Appropriations, Subcommittee on Energy and Water Development, U.S. Senate

💧 **Mike Connor** - Democratic Counsel, Committee on Energy and Natural Resources, U.S. Senate

10:15 am – 10:30 am **Break**
Poster and Reception Area

10:30 am – 11:30 am
Technology Transfer and Implementation

What should be the role or focus of current desalination technology research? Is there desalination research that merits a higher level of funding and consideration? What measures, approaches and/or organizations provide the best opportunity to advance desalination-related technology more quickly and/or cost-effectively?

Moderator: Ken Albright - Director, Resources Department, Southern Nevada Water Authority

💧 **Thomas E. Hinkebein, Ph.D.** - Department Manager Geoscience & Environment Center, Sandia National Laboratories

💧 **Dr. Mark Williams** - Associate Engineer, Process Development, Metropolitan Water District of Southern California

💧 **Mark Beuhler** - Assistant General Manager, Coachella Valley Water District

💧 **C. Robert Reiss** - Vice President, American Membrane Technology Association, President Reiss Environmental, Inc.

11:30am – 12:30 pm
Joint Water Reuse and Desalination Task Force

The organizations responsible for this project are researching desalination process technologies and concentrate disposal options to identify feasible and economical solutions as the follow-up to the published, 2003 "Roadmap" by the US Bureau of Reclamation and Sandia Laboratories. What are the promising and economical technological breakthroughs identified to date, and the next steps required for commercial use? Have unexplored methods been introduced during the 2005 Summit that are also deserving of consideration? And finally, which water resource options are currently available to the water utility manager, and how can they best be matched with treatment and concentrate disposal alternatives?

Moderator: Wade Miller - Executive Director, WaterReuse Foundation

💧 **Eric Saperstein** - Principal, ENS Resources, Inc., Background of the Roadmap

💧 **Dr. Patrick Brady** - Senior Member, Technical Staff, Sandia National Laboratories, Inc, Technology Research Update

💧 **Rich Atwater** - CEO, Inland Empire Utilities Agency, Meeting Day to Day Needs of Customers

12:30 pm – 12:45 pm **Closing Remarks**

Ernesto A. Avila, P.E. - Summit Chair and Executive Director of the Northern California Salinity Coalition

Noon **Adjournment**



Poster Session

Due to large level of interest in the subject, this year's summit will include a poster session. The poster session will take place during the hosted reception, December 8, 2005, and throughout the Summit during the breaks. If you are interested in submitting a poster, please submit an abstract in the following format by October 28, 2005:

1. All papers should be single-spaced with a double space between paragraphs.
2. Left-justify your text with no indentations except title and author/author information.
3. Title and Author Name/Affiliation/Address/E-mail/Phone Number should be centered under the title of the paper in the order listed.
4. All abstracts should be no longer than 300 words in length.
5. Abstracts should be limited to desalination and salinity control measure topics

Poster Criteria

Poster Criteria: The poster is to be prepared so that it contains all pertinent information and can be easily understood in the absence of the author. Except for fasteners, all poster materials must be flush with the board, not protruding more than 1/8 inch (3.2 mm). There may be no mechanical or electrical devices on the board. All material must be accessible without having to lift or turn pages. There can be no materials placed in front of, above, below, or to the side of the poster. The poster should be no larger than 4' x 6' and a label must be placed on the poster which gives the poster title, author's name and affiliation. All posters will be displayed on easels. Send Abstract to:

Donna Bloom
Multi-State Salinity Coalition
PO Box 50081
Sparks, NV 89434
donnabloom@charter.net

Location and Accommodations

A block of rooms has been reserved at Hotel Albuquerque at Old Town Albuquerque. The address is 800 Rio Grande Blvd, NW, Albuquerque, NM 87104. Our rate is \$99/night + tax. Please call 1-866-505-STAY (7829) to make your reservation. The room block is reserved through **November 7, 2005**. Refer to the room block name "Multi-State Salinity Coalition" to receive the special rates.

Albuquerque Activities

Historic Old Town Albuquerque: Experience the history of Albuquerque at Old Town Albuquerque. Old Town is located adjacent to the Old Town Albuquerque Hotel, and boasts of many unique shops and restaurants. The luminaries are strung throughout Old Town this time of year to bring the festive mood to all who walk through Old Town's streets.

Sandia Peak Tramway: Sandia Peak Tramway is the world's longest aerial tramway where you can see a dramatic 11,000 square mile panoramic view of Albuquerque and of the rugged and inaccessible rock escarpment of the west face of the Sandia's. For more information please call 505-856-7325.

You can also eat dinner or lunch at the High Finance Restaurant located at the top of Sanida Peak. For more information please call the restaurant at 505-243-9742

If you want Mexican food, please call Sandiago's Mexican Grill at The Tram at 505-856-6692.

Skiing and Snowboarding: To experience the recreation of the Sandia Peak Ski Area, please call 505-242-9052.

Turquoise Trail: Travel the Turquoise Trail National Scenic Byway, Highway 14 and Sandia Crest National Scenic Byway on the east side of the Sandia Mountains. Log on to turquoisetrail.org for more information.

New Mexico Wineries and Tasting Rooms: The New Mexico Wine Growers Association is a non-profit

organization of commercial wineries in New Mexico. They are dedicated to making their locally grown wines available for your enjoyment. Please call 1-866-4WINENM or log on to www.nmwine.com for more information.

Santa Fe New Mexico: Santa Fe is located 60 miles North Albuquerque and is nestled at 7000 feet in the foothills of the Rocky Mountains. Santa Fe is America's oldest capital city and claims a long history and rich cultural heritage. For tour information, contact the Hotel Albuquerque at Old Town or visit the concierge desk while you are at the 2005 Salinity Summit.

Registration

Early conference registration must be postmarked by **November 15, 2005**. **The early registration fee is \$225**. Registration received after November 15, 2005 is \$275. Online and faxed registration deadline is Friday, December 2, 2005. Registration after December 2, 2005 will be accepted on site at the event only. PLEASE NOTE: The Multi-State Salinity Coalition has established a "NO PAY, NO ATTEND" Policy. If you don't pay, you will not be able to attend.

Additional Information

For additional Salinity Summit information please contact Donna Bloom at 775-626-6389, donnabloom@charter.net.

Cancellation Policy

All cancellations must be received in writing, on company letterhead, and sent to NWRA via fax or mail. Phone cancellations will not be accepted. All cancellations postmarked or fax-dated by December 4, 2005, will receive a refund minus a \$25 administrative fee. After December 4, 2005, registrants are no longer eligible for refunds; however, substitute registrants are welcome. Fax requests to 775-626-6428.

Sponsorship Opportunities:

The Summit brings together professionals from throughout the nation, providing an excellent opportunity for networking, education and exchange of ideas. With this opportunity in mind, the 2005 Salinity Summit Planning Committee invites you to participate in the Summit through your sponsorship and/or as an exhibitor. The success of these Summits are largely based on your financial support

If you wish to secure an exhibit space, the cost is \$350. We recommend you reserve early as we will have limited space. Special recognition of individual or joint contributors at the conference is available at these sponsorship levels:

- **Bronze Level Sponsorship** - \$250 displays your organization's logo in the Final Summit Program.
- **Silver Level Sponsorship** - \$500 displays your organization's logo in the Final Summit Program and secures an exhibitor space.
- **Gold Level Sponsorship** - \$1,000 sponsors one Continental Breakfast, Break, or Luncheon on either of the two Summit days. Your logo is displayed at the event and in the Final Summit Program. Exhibitor space is also secured at this level. Up to six sponsorships are available at this level and are on a first-come, first-serve basis.
- **Platinum Level Sponsorship** - **Sorry, this level of sponsorship has already been taken.** \$1,500 hosts the "Successful Policy Icebreaker" reception, which will be held, Thursday, December 8, 2005. Your logo is displayed at the event and in the Final Summit Program, and your firm will also secure exhibitor space. Two sponsorships are available at this level and are on a first-come, first-serve basis.

Participation of both private sector firms and government agencies has been consistently strong over the years, and we are sure this year will be no different. If your firm is interested in being a sponsor or exhibitor, please fill out the attached form and mail it to the address indicated. Please call Donna Bloom at 775-626-6389, or e-mail at donnabloom@charter.net if you have any questions. On behalf of the Multi-State Salinity Coalition, thank you for considering sponsorship of this exciting event.

Sponsorship/Exhibitor Form

Please fill out this form and send it to Donna Bloom with a check by October 21st, 2005 to:

**MSSC c/o NWRA
Multi-State Salinity Coalition
P.O. Box 50081, Sparks, NV 89434**

You may also sponsor online by going to www.multi-statesalinitycoalition.com

Name: _____ **Title:** _____
Organization: _____
Address: _____
City/State/Zip: _____
Phone: _____ **Fax:** _____
E-mail: _____ **Sponsorship Level (if sponsoring) :** _____

SPONSORSHIP	ITEM	DATE	AVAILABLE
Bronze Level			Unlimited
Silver Level			Unlimited
Gold Level	Continental Breakfast	December 8, 2005	1
	Morning Break	December 8, 2005	1
	Luncheon	December 8, 2005	1
	Afternoon Break	December 8, 2005	1
	Continental Breakfast	December 9, 2005	1
Platinum Level	Reception	December 8, 2005	Unavailable

If you are a Silver, Gold or Platinum sponsor, please provide exhibitor requirements:

Type of Display: Table Top (one 6' table) _____ Full Display _____ Outlet Requirements: _____

Exhibitor (Non-Sponsors) \$350 _____

Type of Display: Table Top (one 6' table) _____ Full Display _____ Outlet Requirements: _____

Registration Form

To register, complete the registration form and return it, along with a check or purchase order to:

**MSSC c/o NWRA
Multi-State Salinity Coalition
P.O. Box 50081, Sparks, NV 89434**

You may register online at multi-statesalinitycoalition.com

Please check the following:

Early Registration (before November 15, 2005) \$225.00 _____

Late Registration (after November 15, 2005) \$275.00 _____

Name _____ **Title** _____

Affiliation _____

Address _____

City _____ **State** _____ **Zip** _____

Phone Number _____ **E-mail** _____

Hosted by: Multi-State Salinity Coalition

MSSC MEMBER AGENCIES

Albuquerque-Bernalillo County Water Utility Authority
Central Basin Municipal Water District
City of Phoenix
City of Scottsdale
Coachella Valley Water District
El Paso Water Utilities
Inland Empire Utilities
Metropolitan Domestic Water Improvement District
Metropolitan Water District of Southern California
Northern California Salinity Coalition
Salt River Project
San Antonio Water System
Southern California Salinity Coalition
Southern Nevada Water Authority
Tucson Water
West Basin Municipal Water District

The Mission of the Multi-State Salinity Coalition is:

“To meet our Nation’s growing need for safe, sustainable, adequate and affordable water supplies, the Multi-State Salinity Coalition (MSSC) promotes advancements in desalination-related technologies, salinity control strategies and associated policies.”

MSSC c/o Donna Bloom
Multi-State Salinity Coalition
P.O. Box 50081
Sparks, NV 89434

