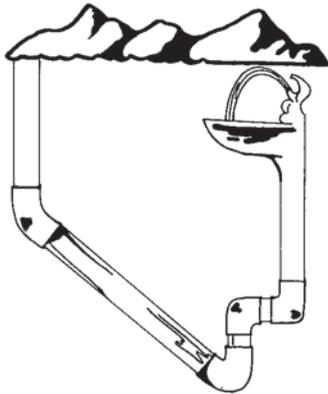


Water Lines



Water Lines is the resource newsletter and calendar of the Nevada Drinking Water and Wastewater Training Coalition.

Volume 18 Fall 2005 Issue

Inside this issue....

Spigot Q & A.....	3
Arsenic- Apply or Comply.....	4
State Agencies have Moved.....	4
New TA Program Begins.....	5
Water Lines has new Editor.....	5
Board Position Filled.....	6
Conservation Training.....	6
New Operators Certified.....	6
Training Calendar 2005-2006.....	7

Special Insert

Water Operator Certification

Farr West Engineering funds

Water Lines through a contract with

the Nevada Division of

Environmental Protection

Editor, Brent Farr, P.E.

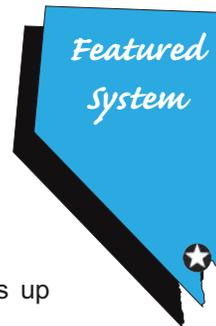
Editor and Production, Joe Beard Jr.

Featured System:

Lake Mead National Recreation Area Facilities

By Phil Walsack, Farr West Engineering

There's nothing like boating and camping in Southern Nevada in the late summer. The waters of Lake Mead and Lake Mohave have warmed up and the days are long and hot. This Spring, the melting of a tremendous snow pack has brought the lake levels up significantly....a full 22 feet.



Echo Bay Potable and Raw Water Storage

The Lake Mead National Recreation Area was created by an Act of Congress in 1964 and was our country's first recreation area. It contains Lake Mead behind the awe-inspiring Hoover Dam, and Lake Mohave impounded behind Davis Dam. The Colorado River links the two lakes together. The US National Park Service has been managing and developing recreational facilities in the

region since Lake Mead was created in 1936. The Recreation Area is unique because it has facilities in both Nevada and Arizona.

You may not know that Lake Mead consists of 700 miles of shoreline. The lake's surface area is big enough to cover Rhode Island...*twice*. The Lake is deep too. It can flood Pennsylvania with a foot of water. Over 9 million visitors come to see this national treasure each year. Well-maintained roads provide access to 9 developed sites complete with marinas, boat launches, convenience stores, restaurants, camping facilities, and guest cottages. At each of these sites, there are facilities for public use, including potable water and wastewater disposal. There are 9 water systems and 10 wastewater plants permitted in the Recreation Area. A chart on the next page lists the water usage and number of connections at each facility.

The National Park Service (NPS) has a staff of 9 water / wastewater operators and maintenance personnel. Most of the operators are triple-certified with

(Continued on page 2)

Lake Tahoe Forum On Drinking Water Protection

By Mark Walker, UNR

On May fifth, 120 people from local, state and federal agencies and non-profit organizations, helped promote awareness that Lake Tahoe is a water resource that should be valued because it is used for public water supplies. Those who attended the first Lake Tahoe Basin Drinking Water Forum in Incline Village, Nevada, agreed that drinking water protection is an important

part of the overall goal of preserving the clarity of the Lake. Their recommendations included strategies for integrating drinking water as an important aspect of watershed management efforts throughout the Lake Tahoe Basin.

The forum, sponsored by US Environmental Protection Agency (EPA), the Nevada Tahoe Water Suppliers Association-

(Continued on page 3)

Featured System

(Continued from page 1)

water distribution, water treatment, and wastewater certifications. Three of the operators have four certifications, two each in water and wastewater. Three office personnel, including the Utility Systems Leader, Mr. Steve Spearman, support the field staff. Staff for the entire operation is based in Boulder City, Nevada.

Six of the nine NPS facilities provide both treated and raw water to its customers. The raw water is used for watering lawns and boat wash down areas, both in common areas and ones that are owned privately. For the distribution operators this means that there are two sets of buried water lines. Raw water is pumped from the lake to storage tanks. This was no small feat during the past 6 years of low lake levels. The intake pumps and the electrical components had to be moved several times to get enough water to treat.

Boulder Beach and Las Vegas Bay are two of most the popular sites because of their close proximity to Las Vegas. Potable drinking water is treated at the Alfred Merritt Smith Treatment Plant operated by the Southern Nevada Water Authority. Potable water is delivered to Boulder Beach through a lateral from Boulder City’s transmission main. A lateral from the City of Henderson’s transmission main supplies Las Vegas Bay. Raw water is also supplied at these two sites for lawn watering and maintenance.

The Nevada facilities at Callville Bay, Echo Bay, and Overton Beach provide both treated and raw water to its customers. Water for potable use is treated at each site’s micro-filtration treatment facility. The plants were built over an eight-year period beginning in 1994. The operations consist of raw water

pumps that bring lake water onshore to a storage tank. Water is then pumped through the treatment plant’s micro-filtration units. The filters are skid-mounted Memcor units. At full production capacity the plants are capable of producing 180 gpm. Lake turbidity can be an issue in periods of high runoff. Turbidity ranges from 5.0 to 1.5 NTU depending on the season and weather conditions.

When the plant senses a pressure differential across the filter, the backwash cycle is initiated. A 25-minute cycle is needed to backwash the filters. In Nevada, the plant’s backwash wastewater is pumped to the groundwater using injection wells. The treatment plants are automated with a SCADA system alarm for most treatment parameters.

Cottonwood Cove (about 40 miles east of Searchlight) uses 2 groundwater wells for its potable water sup-

ply. Unfortunately, arsenic is an issue for the site. While the concentrations are low (less than 20 ppb), the NPS is looking into a water treatment facility at this location.

The other facilities are located on the Arizona side of Colorado River. They include: Temple Bar, Willow Beach, and Katherine Landing (just across the Colorado River from Laughlin, Nevada). Temple Bar and Willow Beach are supplied with groundwater. Potable water for Katherine Landing is supplied using another skid-mounted Memcor filtration unit.

On your airplane trip in or out of Las Vegas, take a look at Lake Mead and Lake Mohave. You may even see one of the NPS facilities. The NPS operators are treating lake water and processing our wastewater in order to provide a “watery playground” for us all.

Details of Water Operations

	Connections	Potable Water Used (MGA)	Raw Water Used (MGA)
Nevada Facilities			
Boulder Beach	250	30	35
Las Vegas Bay	100	3	5
Callville Bay	250	16	11
Echo Bay	150	18	16
Overton Beach	50	6	5
Cottonwood Cove	200	39	-
Arizona Facilities			
Temple Bar	-	11	-
Willow Beach	-	1	-
Katherine Landing	-	42	35
National Recreation Area Totals		166	107

The Spigot Q & A



Q.1. What does the presence of coliform bacteria found in drinking water indicate?

- a. nothing is indicated by presence
- b. harmful organisms may be present
- c. water has disease causing organisms
- d. water has cancer causing agents

Q.2. Free chlorine residual is

- a. Chlorine applied in mg/L
- b. Chlorine in raw water
- c. Chlorides in the water
- d. Uncombined chlorine that remains after application and reaction

Q.3. Chloramines are formed by the addition of chlorine and

- a. Liquid nitrogen
- b. Soda ash
- c. Sodium fluoride
- d. Ammonia

Q.4. Reverse osmosis is a(n)

- a. Membrane process
- b. Air-stripping procedure
- c. Type of chemical oxidation
- d. Backflow prevention procedure

Q.5. The four categories of water characteristics are

- a. Temp., turbidity, color, and odor
- b. Physical, chemical, biological, radiological
- c. Source, volume, flow, pressure
- d. pH, hardness, temperature, turbidity

*Developed by: Skeet Arasmith,
Linn-Benton College, Oregon.*

Crystal Montecinos, Program Development Specialist with the UNR Cooperative Extension, prepares The Spigot.

1.B; 2.D; 3.D; 4.A; 5.B

Tahoe Forum on Drinking Water Protection

(Continued from Page 1)

tion (NTWSA), and the Tahoe Regional Planning Agency (TRPA) was part of a celebration of the 30th Anniversary of the passage of The Safe Drinking Water Act. It also represented a concerted effort to raise awareness that Lake Tahoe serves as a source of public drinking water. Speakers at the conference explored the overlap between the Clean Water Act, which has been applied to help preserve Lake Tahoe's clarity, and the Safe Drinking Water Act, which increasingly emphasizes watershed management to protect human health.

Representatives of federal, state and local agencies and nonprofit organizations, including water suppliers, spoke during the morning session of the forum. Presenters included: Incline Village General Improvement District, US Environmental Protection Agency's Region IX office, the Tahoe Regional Planning Agency, the Nevada Department of Conservation and Natural Resources, the Nevada Bureau of Health Protection Services (now Bureau of Safe Drinking Water), the Nevada Tahoe Conservation District and the Nevada Rural Water Association. Discussion focussed on policies and activities related to drinking water protection.

The speakers discussed requirements and strategies, such as targeted educational campaigns, to maintain Lake Tahoe as a pristine drinking water source. The presentations served as an orientation for afternoon discussions about several aspects of drinking water protection.

The afternoon session involved participants in small discussion groups to explore three topics. These included: 1) the current status of drinking water protection, 2) developing a vision for comprehensive drinking water

protection within the Tahoe basin and 3) identifying steps that would be appropriate and effective for achieving the vision.

The afternoon discussions lead to the following recommendations:

- A comprehensive Lake Tahoe Basin Drinking Water Protection Plan should be a part of ongoing efforts focused on preserving lake clarity;
- The Drinking Water Protection Plan should be formally incorporated into the long-range planning documents for the Basin, including the Tahoe Regional Planning Agency Regional Plan and the US Forest Service Lake Tahoe Basin Management Unit Forest Plan;
- Improved coordination and collaboration between all of the parties with responsibility for drinking water protection, from states, to agencies, to the public.

Participants felt that the key recommendation, development of a comprehensive drinking water protection plan, should address potential and existing sources of contamination that could affect ground water and surface water. They felt that the strategies should combine technical elements, new and existing policies, coordination especially between governmental agencies and private entities and concerted efforts to educate the public and agency staff.

****Many Thanks to Michelle Sweeney, Allegro Communications, for providing materials summarizing the outcome of the Forum****

Arsenic - Apply or Comply

By Bob Foerster, NvRWA

Systems where the supply contains arsenic at a level above 10ppb and below 35ppb need to be applying for exemptions. If you are one of the 35 or so systems who submitted applications, good job! If your system is one of the 119 or so small systems with arsenic below 35 ppb and therefore eligible for an exemption, take advantage of the opportunity to obtain an exemption before the rule becomes effective. Having an exemption in place gains valuable time to meet compliance.

In early July, the Arsenic Working Group, a subcommittee of the Infrastructure for Nevada Communities (INC) group, met to check up on the status of exemption filings. Working Group members present were Steve McGoff, PUC; Bert Bellows, Bureau of Safe Drinking Water; Phil Walsack, Farr West Engineering; and Bob Foerster, Nevada Rural Water Association. We noted that, while exemptions have

been submitted in a variety of acceptable formats, the overriding fact is that few systems have applied. The Working Group, and the public health agencies, lending institutions and technical assistance providers who make up INC see the value in having as many systems as possible get those applications completed.

Some time-line information may be helpful to spur systems into action. State agencies consolidated this summer, and by October, can expect to obtain primacy for arsenic. Exemptions are not granted at the staff level, but need to be approved by the governing body, the State Environmental Commission. Within thirty days from the point in time when primacy is obtained, the primacy agency plans to review the exemption applications, and then request board approval of all reviewed applications. Any applications not included within this group would go

to future Commission meetings for action.

Completing the application is not difficult. It is as simple as filling in a short System Request Form published by EPA, or providing the listed information, and writing a cover letter. Several technical assistance providers will be visiting systems to help in this effort. To review the applications, Bert Bellows indicated that he plans to use a template similar to the State Determination Form found in Appendix G-28 of the EPA Arsenic Guidance Manual. Your System Request Form application will therefore align with the template, facilitating the review and approval process. Please apply at the earliest possible time, and when assistance is offered, take advantage of the opportunity to go forward with completing the application.

State Agencies have Moved

The Safe Drinking Water Program is no longer part of the Bureau of Health Protection Services. The program, along with associated services such as the Source Water Assessment Program, Public Health Engineering and Operator Certification has been moved to the newly created Bureau of Safe Drinking Water within the Nevada Division of Environmental Protection.

In addition, the entire Division of Environmental Protection and Division of Water Resources have moved to the newly constructed Bryan Building, named after former U.S. Senator Richard Bryan. The new contact information for the Bureau of Safe Drinking Water is shown below. The address is the same for other Bureaus within the Division.

Division of Environmental Protection
Bureau of Safe Drinking Water
901 South Stewart Street
Carson City, NV 89701-5249
Main line (775) 687-9520
FAX (775) 687-5699



New Technical Assistance Program Begins

By Adele Basham, P.E., Supervisor of the Drinking Water SRF Program

The State of Nevada has provided technical assistance to public water systems for years. As a continuation of this effort, the State recently awarded a new contract titled, "Assistance to Communities and Public Water Systems on Drinking Water Issues" to Farr West Engineering, a Reno-based engineering firm. The funding for this contract comes from the Environmental Protection Agency, and the contract is managed at the State level by the Nevada Division of Environmental Protection through the Drinking Water State Revolving Fund Program.

The focus of the contract is to help Nevada's water systems build "capacity" by improving the technical, managerial and financial aspects of their organization.

The new technical assistance effort includes the following highlights:

➤ **Revisions to the Capacity Development Strategy:** The Strategy describes how the State is going to assist water systems in acquiring and maintaining technical, managerial and financial capacity and meet the requirements of the Safe Drinking Water Act. The Strategy was first developed

through a series of public workshops starting in 1999. With input from public water systems, the Strategy will be updated during the next year.

➤ **Capacity Evaluations:** During the next few years, Farr West Engineering will be contacting public water systems in an effort to evaluate the technical, managerial and financial capacity of each water system. This effort helps the State focus its efforts where the needs are. It also helps water systems to know where they stand and how they can improve.

➤ **Public Education:** The focus of this task is to make presentations to school-aged children regarding water conservation, wellhead protection and water system security. Presentations will take place in schools all over Nevada.

➤ **Technical Assistance:** Comprehensive technical assistance is available to public water systems covering a wide range of issues including, but not limited to: Compliance with the new Arsenic Rule, operation and maintenance procedures, compliance issues, planning, infrastructure replace-

ment, water conservation, preparing loan and grant applications, etc.

➤ **Operator and Board Training:** Water operator training will be available covering all levels of certification. The training will include several 36-hour college-level courses which are now required for Grade 3 and 4 certification.

➤ **Financial Management Training and Asset Management:** Financial management workshops will be provided throughout the State covering topics such as water rates, capital improvement planning and asset management. Additional one-on-one assistance will be available to systems that need help developing an asset management plan.

Without a doubt, the focus of this effort is to assist Nevada's public water systems. This assistance is available to Nevada's water systems free of charge. If you have questions about this new contract or if you have specific assistance needs, please contact me at (775) 687-9488 or contact Brent Farr, P.E. of Farr West Engineering at (775) 851-4788.

Water Lines has new Editor

After many successful years as Editor of the Water Lines newsletter, Abigail Johnson will get a much needed break. Working in cooperation with RCAC, Abigail has been responsible for developing Water Lines into the fine publication that it is today. Water Lines is now distributed to as many as 4,000 people in the water and wastewater industry throughout Nevada. The Nevada Drinking Water and Wastewater Training Coalition would like to thank Abigail for her dedication and hard work in furthering our profession. Starting with this issue, Farr West Engineering is responsible for producing Water Lines. If you have ideas, questions or comments pertaining to Water Lines, please contact Brent Farr, P.E. at (775) 851-4788.

Advisory Board Position Filled

By BHPS

The Advisory Board to the State of Nevada Board of Health for the certification and training of operators of community and non-community water systems (for the State of Nevada) has recently selected a new board member.

Formed under NRS 445A.870, the Advisory Board consists of seven members, of whom at least one member must be a member of the American Water Works Association, one member must be a member of the Nevada Rural Water Association, and one member may represent the general public.

Each member of the Advisory Board serves without compensation. While engaged in the business of the Advisory Board, each member is entitled to receive the per diem allowance and travel expenses provided for state officers and employees general, to the extent that money is made available for that purpose.

The vacant Board position may be represented by any federal, state, county, and local governmental organizations, public or private non-profit organizations, or public or private utilities, or a member of the general public.

The Board selected **Harvey Johnson** as the most qualified applicant at their regular scheduled Board meeting in December 2005. Harvey Johnson is the Utility Operations Superintendent for Incline Village General Improvement District (IVGID). The Utilities Division is made up of the Pipeline and Treatment Plant teams and the Utility business office, all of whom are responsible for water and sewer services to nearly 9,500 parcels throughout Incline Village and Crystal Bay.

The Pipeline Team maintains and repairs 92 miles of water mains, 105 miles of sewer mains and 20 miles of effluent line. The team also provides customer support through emergency response, turn ons/offs, and meter reading and maintenance.

The Plant Team operates and maintains the water and wastewater "fixed plant," comprised mainly of an 8 MGD water disinfection plant, and 12 reservoirs, a 3 MGD wastewater treatment plant and a 900 acre wetland.

The Utilities Division also provides plan checks and inspection services for new construction.

Water Conservation Practitioner Training

By Brent Farr, P.E., Farr West Engineering

Did you know that there was a certification for water conservation in Nevada? Through the California-Nevada Section of the American Water Works Association, you can become a certified Water Conservation Practitioner. The definition of a Practitioner is "an individual performing water conservation activities in the potable water industry." The Grade 1 Certification requires a high school diploma or demonstrated equivalent, 6 months of experience in the water conservation field and a passing score on a written exam.

In the coming months, Farr West Engineering will be offering two-day exam preparation courses in northern and southern Nevada at no cost. If you are interested in taking the exam or have questions about water conservation, please contact Brent Farr, P.E. of Farr West Engineering at (775) 851-4788.



New Nevada operators certified



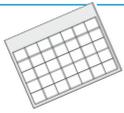
These operators passed entry level water certification exams for distribution and treatment grades 1 & 2. Congratulations!

Distribution grades 1, 2,

Alvarez, Javier, D-1; Banks, Heather, D-1; Baughman, Joseph, D-1; Bergstrom, Dennis, D-1; Blue, Jeffrey, D-1; Brown, Robert, D-1; Christiansen, Chad, D-1; Cole, Erin, D-1; Decker, Stephanie, D-1; Donahue, Jeffrey, D-1; Enderson, William, D-1; Erickson, Chris, D-1; Gudmundson, Blake, D-1; Krzysiak, Greg, D-1; Latham, Andy, D-1; Laughter, H. Grant, D-1; Lynch, Demetrius, D-1; McElroy, Robert, D-1; Mothershead, Eric, D-1; Navarro, Rafael, D-1; Newman, William, D-1; Patton, Lowell, D-1; Peralta, Greg, D-1; Robert, Mayers, D-1; Romero, Jesus, D-1; Schmucker, Sam, D-1; Stefani, Steve, D-1; Stundze, Thomas, D-1; Walker, Ingrid, D-1; Westwood, Jeff, D-1; White, Mark, D-1; Woolery, Ed, D-1; Barden, Dave, D-2; Callahan, Roy, D-2; Collins, Ryan, D-2; Dickton, Glenn, D-2; Hafen, Curtis, D-2; Kollodge, Jeff, D-2; Lovett, Lori, D-2; Mann, Robert, D-2; Maroushek, Steve, D-2; McIntyre II, Neal, D-2; McKay, Patrick, D-2; Moriarty, Vincent, D-2; Pena Jr., Ben, D-2; Quain, Amy, D-2; Renwick, Jeffrey, D-2; Sims, Alan, D-2; Stewart Jr., Charles, D-2; Tomburello, Dino, D-2; Turner, Mark, D-2; Witt, Michael, D-2.

Treatment grades 1 & 2

Boyd, Robert, T-1; Crook, Elizabeth, T-1; Erickson, Chris, T-1; Pickle, Todd, T-2; Sims, Alan, T-2; Tucker, David, T-2.



Training Calendar 2005 - 2006

2005 - 2006

September 23—UNR Videoconference—Asset Management. Info: Crystel Montecinos at 775/240-1396. 💧

September 27—Stagecoach GID—NvRWA Training. Automatic Control Valves (hands-on training). Info: 775/841-4222. 💧

September 29—Elko—NvRWA Training. Automatic Control Valves. Info: 775/841-4222. 💧

October - Northern Nevada - Farr West Engineering - Water Conservation Training - Info: 851-4788.

October 4—Gardnerville Ranchos—NvRWA Training. Submersible Motor Seminar. Info: 775/841-4222. 💧

October 6—Tonopah—NvRWA Training. Submersible Motor Seminar. Info: 775/841-4222. 💧

October 10-15- Reno- CA/NV AWWA Annual Conference. Info: 909/481-7200.

October 25—Gardnerville Ranchos—NvRWA Training. Flowmeters. Info: 775/841-4222. 💧

October 27—Tonopah—NvRWA Training. Flowmeters. Info: 775/841-4222. 💧

November 15—Tonopah—NvRWA Training. Well Construction/Maintenance/Repair/Abandonment. Info: 775/841-4222. 💧

November 16- Las Vegas- CA/NV AWWA Education Extravaganza. Info: 909/481-7200.

November 17—Pahrump—NvRWA Training. Well Construction/Maintenance/Repair/Abandonment. Info: 775/841-4222. 💧

November 17- UNR Videoconference-General Water Chemistry. Info: Crystel Montecinos at 775/240-1396.

December 2—UNR Videoconference—Review for Drinking Water Exam. Info: Crystel Montecinos at 775/240-1396. 💧

December 2—UNR Videoconference—Review for Wastewater Exam. Info: Crystel Montecinos at 775/784-6853.

December 6—Pahrump—NvRWA Training. Submersible Motor Seminar. Info: 775/841-4222. 💧

December 8—Laughlin—NvRWA Training. Submersible Motor Seminar. Info: 775/841-4222. 💧

January 17- Mesquite- NvRWA Training. Flowmeters. Info: 775/841-4222. 💧

January 19- Laughlin- NvRWA Training. Flowmeters. Info: 775/841-4222. 💧

February 14- Mesquite- NvRWA Training. Well Construction/Maintenance/Abandonment. Info: 775/841-4222. 💧

February 16- Laughlin- NvRWA Training. Well Construction/Maintenance/Abandonment. Info: 775/841-4222. 💧

March 10- UNR Videoconference- Confined Space Awareness. Info: Crystel Montecinos at 775/240-1396.

March 14-17- Reno- NvRWA Annual Training and Technical Conference at the Reno Hilton. Scholarships available, call 841-4222.

💧 This symbol designates Nevada Division of Environmental Protection pre-approved training for contact hours. Other training may be eligible for contact hours but is not yet pre-approved. Before attending any training, contact NDEP at 775/687-9527 for approval. Ten hours of approved training equals 1 CEU. A different ratio applies for safety training.

Notice:

Through NDEP-SRF, Scholarship Funds are available for qualified participants, to cover travel, lodging, and meal costs when attending NvRWA Training: call NvRWA at 775-841-4222 for more information.

Correction:

Our apologies! The Spring Issue of Water Lines contained a mistake regarding the new post-secondary requirements for water systems. The changes to the regulations require that new treatment and distribution operators grades III and IV complete post secondary education courses. Post secondary courses are defined as "a successfully completed college course, at least 36 hours in length that is related to the drinking water profession."

Treatment and Distribution grade III will need to complete TWO post secondary courses while grade IV operators will need to complete FOUR such courses (not three as previously stated).

- Crystel Montecinos, Tigren, Inc.

University of Nevada, Reno
Colleges of Agriculture, Biotechnology and Natural Resources & Cooperative Extension
2005 Videoconference Training Calendar: www.unce.unr.edu/swp.wkshps.htm

UNR videoconference classes for water system operators and managers are available in most communities. To request a workshop in your area, call Crystel Montecinos at 775/7240-1396 or e-mail: xtelle@aol.com.

Community College of Southern Nevada
Wastewater & Water Technology Program
Info: LeAnna Risso, 702/434-6600 ext. 6418.

WWET Training in Clark County
Info: Jeff Butler 702/258-3296; see www.wwet.org for a current training calendar.

State of Nevada Water Certification Exams
All exams will be proctored on the date listed. Applications are due to the state (Steve Brockway) 45 days before exam dates. A proctor will contact examinees to schedule testing. 2005 exam dates are Sept. 14 and Dec. 14. Info: Debra Kaye, 775/834-8114.

Wastewater Certification Board Testing
Wastewater certification exams are given in Sept., Dec.
Info: 775/465-2045 or www.nvwea.org.

Nevada Drinking Water and Wastewater Training Coalition

American Water Works Association California/Nevada Section

www.ca-nv-awwa.org

Nicole Schreuder, Education Mgr.,
909/291-2101

Indian Health Service

Dominic Wolf, 775/784-5327

Bureau of Water Pollution Control

www.ndep.nv.gov/index.htm

Adele Basham, DWSRF, 775/687-9488

Bill Coughlin, AB 198 Water Grant

Program, 775/687-9422

Nevan Kane, Wellhead Protection,

775/687-9426

Nevada Rural Water Association

www.nvrwa.org

775/841-4222

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David Willard

Public Utilities Commission of Nevada

www.state.nv.us/puc

Steve McGoff, Utility Engineer,

775/687-6040

Bureau of Safe Drinking Water

www.state.nv.us/health/bhps

775/687-9520

Jim Balderson, SWAP, 687-9517

Steve Brockway, CEU approval, 687-9527

Dana Pennington, 687-9516

Bert Bellows, arsenic, 687-9525

Nevada Water Environment Association

www.wef.org

775/465-2045

Starlin Jones, 775/861-4104

Eric Leveque, 702/792-3711

Rural Community Assistance Corporation

www.rcac.org

775/323-8882

John Dailey, Regional Manager

Stevan Palmer

U.S. Environmental Protection Agency, Region 9

www.epa.gov/region09

Marvin Young, 415/972-3561

USDA Rural Development

www.usda.gov/rus/water/index.htm

Mike Holm, 775/887-1222, ext. 26

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Dept. of Civil Engineering

Dean Adams, 775/784-1474

UNR Natural Resources and Environmental Science and Cooperative Extension

www.unce.unr.edu/swp

Crystel Montecinos, 775/240-1396

Mark Walker, 775/784-1938

Water/Wastewater Education and Training Consortium of Southern Nevada — WWET

www.wwet.org

Jeff Butler, 702/258-3296

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Brent Farr, P.E. 775/851-4788

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Reno, NV 89521

Place
Stamp
Here

Nevada Drinking Water and Wastewater Training Coalition

Water Lines

Fall 2005