



NEW MEXICO WATER UTILITIES NEWSLETTER

PUBLISHED FOR THE OPERATORS OF NEW MEXICO

FALL 2005

NMWWA TURNS 50

The New Mexico Water and Wastewater Association is turning 50 and the Las Cruces Hilton is gearing up to help with the celebration. Tuesday's "Meet & Greet" will feature a comedian, great door prizes, and a \$500 grand prize vacation. The Wednesday night banquet will have many honored guests including past presidents and others instrumental in the success of the Association. Del Archuleta will be Master of Ceremonies for the evening which will feature an encapsulated view of the Association's first 50 years.

A Brief History

Chartered as the NM Water and Sewage Works Association on March 28, 1956, the Association's roots reach to the 1919 appointment of an engineer to "handle all matters pertaining to environmental sanitation." What a daunting task that must have been in a state our size!

By 1935 the state had full-time coverage in public health for all counties when the District Health Act was adopted. At the same time the New Deal programs of the 1930s, FERA & WPA [Federal Emergency Relief Administration; Works Project Administration] made it possible for many NM municipalities to develop their public water supplies and build better sewage treatment plants. This nudged the State Health Department into expanding its Sanitation division and in 1943 an Associate Engineer was given the function "to survey and report on water and sewage works facilities around the state."

Paralleling this, the State Department had District Sanitarians whose jobs were to collect monthly water samples and submit them to the State Laboratory in Albuquerque for bacteriological analyses. Additionally a program was instituted for promoting chlorination of water supplies, and on-site consultation for water superintendents and sewage plant operators became an accepted part of the program.

The 1920s had seen the growth of The Rocky Mountain Section of the American Water Works Association and the Rocky Mountain Sewage and Industrial Wastes Association in the four state area which includes Colorado, Utah, Wyoming, and New Mexico. But New Mexico still lagged far behind the other states in membership. In 1945 a representative from the NM Department of Public Health, and the only representative from New Mexico, Charles G. Caldwell attended the joint annual convention in Denver. Caldwell invited both associations to hold their next convention in Santa Fe and despite considerable opposition, they did. In fact it was decided that conventions would alternate between New Mexico and Wyoming with every other year being held in Colorado. But the annual short schools were still being held in Colorado and New Mexico personnel were finding it hard to be away from their facilities for a week at a time.

At the urging of Robert P. Lowe, engineer for the NM State Health Department, a dinner meeting of the New Mexico contingent was assembled at the 1955 short school in Boulder, Colorado. It was here that the groundwork was laid for the New Mexico Water and Sewage Works Association. Those at the meeting - Robert P. Lowe, M.H. Alexander of Hobbs, Melvin Smith of Albuquerque, Ernest Martinez of Taos, Charles G. Caldwell of Santa Fe, John Clark & Frank Bromilow of NMSU, and many others - agreed that "upon return to their own localities they would discuss the matter with neighboring towns and stimulate interest in a general meeting." It should also be noted that around this time the Engineering School and NMSU began to include courses in

Acknowledgment

The Editor has relied on Charles G. Caldwell's historical notes from the 1958 document *Voluntary Certification Plan for New Mexico Water and Sewage Works Personnel* for source material and direct quotes.



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Sanitary Engineering and this plus the tremendous enthusiasm of Professor Clark helped spur the idea forward.

“Notices were sent out all over the state to water works and sewage works personnel, inviting their attendance at a short school to be held in Las Cruces at New Mexico State University on March 26-28, 1956. Needless to say, all of the founders were quite anxious to see what the attendance would be.” To everyone’s surprise 107 people attended the three-day course and accompanying organizational meeting. By week’s end the group had officially organized, adopted a constitution and by-laws, and elected a slate of officers led by Robert P. Lowe as President.

The Southeast Section was the first formed in 1956, followed by the Northeast and Southwest Sections at the 1957 Annual Short School. It was also at the 1957 school that a Certification Committee was formed to study and develop a voluntary certification plan. This *Voluntary Certification Plan for New Mexico Water and Sewage Works Personnel*, sponsored by the New Mexico

Water and Sewage Works Association, the New Mexico Department of Public Health, and New Mexico State University was adopted on May 8, 1958. It created the groundwork for the current Operator Certification Act.

The NM Water and Sewage Works Association changed its name in 1967 to the NM Water Supply & Pollution Control Association, and again in 1979 to the current moniker of NM Water and Wastewater Association.

“In concluding this brief history of the organization, it cannot be over-emphasized that the only reason the organization has been a success to date is because of the sincere interest which our water and sewage works people have in serving their public with a safe and adequate water supply, and efficiently operating sewage works facilities. These people are proving this themselves by their attendance and desire to build and develop a strong Association, which will strive constantly to raise standards by training and certification.”

Nancy Gott, Editor

The NMWWA has grown from 105 charter members in 1956 to a current 1300 members.



Charter Members seen here at the 1990 Annual School Banquet, from left to right: Merle Kindel, Bob Lowe (1st President), Aubrey Willard, Charles Grigg, & Ray Mares.

BIOMONITORING 101

Sarah Holcomb, NMED SWQB

So, what is biomonitoring all about? Let’s start off with a few definitions. **Biomonitoring** or **Whole Effluent Toxicity (WET)** tests use living organisms to test the suitability of effluents for discharge into receiving waters and to test the quality of such waters downstream from the discharge. In other words, the test measures the response of animals to the effluent in order to evaluate environmental impacts to the receiving stream.

WET test results are a fundamental tool in the assessment of water quality and used for the protection of aquatic life, but what exactly is WET testing? WET testing originates from the federal Clean Water Act (enacted in 1972) with the main objective of “restoring the chemical, physical, and biological integrity of the Nation’s Waters.” In 1994, the U.S. Environmental Protection Agency (USEPA) issued a national policy on effluent limitations in National Pollutant Discharge Elimination System permits to control WET for the protection of aquatic life. Based on the existing regulations, NPDES authorities (currently USEPA in the state of New Mexico) must determine whether a discharge (a) causes, (b) has the reasonable potential to cause, or (c) contributes to an in stream excursion above a numeric criterion or a narrative criterion within an applicable state water quality standard. And where appropriate, authorities also establish permit limits on WET, for both lethal and sub-lethal effects.

In these tests, laboratory organisms are used to measure the effluent’s effect on aquatic life. In New Mexico for freshwater assessment, fathead minnows (*Pimephales promelas*) and water fleas (*Ceriodaphnia dubia* or *Daphnia pulex*) because they best represent vertebrate and invertebrate species. In saline waters (³ 2 ppt ambient salinity), *Mysidopsis bahia* and *Merudia beryllina* are used for both acute and chronic tests. The lab animals are placed into test containers (such as cups) and exposed to different concentrations of effluent.

There are three types of tests – flow-through, static and static renewal. Static or static renewal tests are usually the types that are required in New Mexico permits. A **flow-through** test requires that the effluent be constantly pumped through the test containers. **Static** means that the test solution used to start the test is the only one used during the course of the test. **Static renewal** means that the test solutions are renewed each day using the original sample or additional samples collected during the testing period. The samples collected are usually 24-hour composite type samples. Aside from the three test types, there are subcategories to the tests that involve the effects on the organisms. **Acute** testing measures short term, obvious effects, such as death or lethality, and last from 2 to 4 days. **Lethal** effects mean that the effluent causes death to the organisms in

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the test and potentially to whatever is in the stream that is being discharged into. All species can be tested for lethality.

Chronic tests are longer term, measuring more subtle effects, such as growth and reproduction, in addition to lethal effects. These tests last 7 days. **Sub-lethal** effects encompass the effects that happen prior to death; in these tests we are watching the effects of the effluent on growth and reproduction. Usually *P. promelas* is tested for growth and *C. dubia* is tested for reproduction effects.

WET tests are run in a dilution series, with the critical dilution indicated in the permit. The **critical dilution** is the percentage of effluent in the sample water that the test species must be able to survive, grow and/or reproduce in. The critical dilution is calculated by using the design flow of the facility and the critical low flow of the receiving stream. By using a series of effluent dilutions, the test mimics the concentration of the effluent in the receiving stream and determines that effluent concentration at which the lab organisms are not affected.

So who is required to do what? Biomonitoring will be required based on the specifics of each facility – therefore, this will vary among permits.

How are results measured? The NOEC (No Observed Effect Concentration) is the highest concentration that a lab species shows no effects for lethal or sub-lethal effects. A facility passes a WET test when the NOEC occurs at the critical dilution or a higher dilution; a test failure is when the NOEC occurs below the critical dilution.

What happens if my facility doesn't pass the test? If an effluent sample does not pass the test, depending on the requirements written into the permit, the permittee first must repeat the test to see if they get repeated toxic results. If they see repeated toxic results, they may be required to do a Toxicity Reduction Evaluation (TRE). A TRE is a step-wise process/investigation used to determine those actions necessary to reduce effluent toxicity to an acceptable level. During this process, a Toxicity Identification Evaluation (TIE, done by a laboratory) is used to evaluate what is causing the toxicity (e.g., ammonia, metals, etc.). Also, treatability studies can be used to evaluate the source of the toxicity. These studies can include changing O&M practices, instituting a public education program in order to reduce toxic elements entering the facility and/or building additional treatment units to further treat the water.

What's the cost? \$1000-\$2000 per test, depending on the lab.

Once my facility has gone through the TRE, what happens next? Once the cause of the toxicity is found, it can result in the addition of a permit limit for that specific pollutant and/or a WET limit.

What if my facility never gets a hit for WET testing? Do we have to keep spending the money to test? During the life of the permit, if there are no exceedances regarding WET testing, some minor facilities can request to delete the WET requirements from the next permit that is issued.

CERTIFICATION NEWS

Mike D. Coffman

NM Operator Certification Officer



NM UTILITY OPERATOR ADVISORY BOARD ELECTS THREE NEW MEMBERS

In June 2005 the New Mexico UOC Advisory Board recommended three new members to the Board. Mr. Ken Mosley, Mr. Michael De La Cruz, and Mr. Richard Dale Graham are the newest members of the Board. Mr. Mosley is serving his second three-year term ending in June of 2008. Mr. Mosley works for the City of Ruidoso where he is the Utility Director. Mr. Mosley was elected Chairman of the Board.

Mr. Michael De La Cruz is the newcomer to the Board. Mr. De La Cruz is the Wastewater Superintendent for the City of Lovington. Mr. De La Cruz brings years of wastewater experience and will be an asset to the Board. Mr. Richard Dale Graham was appointed to the UOC Advisory Board as an Alternate. Mr. Graham comes to us from D&D Supply in Ruidoso. Mr. Graham is no stranger to the Board. He has attended meetings for the last two years as an interested party.

I would like to congratulate each and every one of you on your appointments. I am looking forward to working with you on many of the issues facing the Utility Operator Certification Program.

I would like to send out a very special thank you to Mr. Leo Wilson, City of Hobbs. Mr. Wilson Chaired the UOC Advisory Board for two terms. Mr. Wilson dedicated his time and efforts for the good of all operators in New Mexico. It has been a pleasure to work with Mr. Wilson over these passed six years, and I know I speak for the rest of the Board when I say "Thanks again Leo, job well done" and visit us once in a while.

NMED WEBSITE

Attention: Water and Wastewater Operators please use this web address: www.nmenv.state.nm.us.swqb/FOT/index.html to access the Environment Department's Utility Operator Certification Program's web page. This page has useful program information about certification including an exam schedule, study-guide, access to free on-line training, and application forms. The Montana training site is approved for the following: ground water systems (10 TC's) surface water systems (12 TC's) and wastewater lagoon systems (8 TC's), the site also has 500 practice math and 500 exam preparation questions. There are also links to the New Mexico Water & Wastewater Association (NMWWA) and the New Mexico Rural Water Association (NMRWA)

When you are at our website please take a minute to review compliance data on your facility. If you have changed operator(s) download the survey form, complete it, and get it back to us. Please FAX# to (505) 827-0106 Attention: Dennis Quintana

2005 NEW MEXICO TRAINING CALENDAR 2006

NOVEMBER

NMRWA TRAINING – WASTEWATER LABORATORY

DATE: November 1-2, Tuesday & Wednesday
LOCATION: Belen WWTP
REGISTRATION: 505-884-1031, 800-819-9893
CONTACT: NM Rural Water Assoc., www.nmrwa.org

NMRWA TRAINING — SMALL WATER O&M

DATE: November 9-10, Wednesday & Thursday
LOCATION: Rowell, TBA
REGISTRATION: 505-884-1031, 800-819-9893
CONTACT: NM Rural Water Assoc., www.nmrwa.org

NMWWA CENTRAL SECTION WORKSHOP

TOPICS: Levels 1 & 2, Basic Water & Wastewater
DATE: November 16-17, Wednesday & Thursday
TIMES: 8 to 5, both days
LOCATION: Albuquerque, UNM Continuing Education
Bldg. 1634 University Blvd., NE
REGISTRATION: \$80, members; \$100, non-members.
Advanced registration is requested.

CREDITS: 13 hours
CONTACT: Cynthia Arnold, 505-281-3294
NMED EXAM: November 18, 8 to 2:30
Submit your test application by Oct. 19th at the latest.

DECEMBER

NMSU WUTAP WORKSHOPS —

■ BASIC & ADVANCED WATER SYSTEMS

TOPICS: water characteristics, distribution, surface water treatment, regulations

DATE: December 7, 2005 - Wednesday

■ BASIC & ADVANCED WASTEWATER SYSTEMS

TOPICS: wastewater characteristics, fixed media, activated sludge, whole effluent toxicity (WET) testing

DATE: December 8, 2005 - Thursday

TIMES: 8-5, both days

LOCATION: Cimarron, Philmont Scout Ranch, 4 miles south of Cimarron on Hwy 21

REGISTRATION: \$100 for both workshops or \$55 for one workshop. **Advanced registration is requested**

CREDITS: 7 hours per day, 14 for 2 days

CONTACT: NMSU WUTAP, 505-984-0676, FAX 982-3137, or wutap@vcimail.com

NMED EXAM: December 9, 2005, 8 to 2:30. Submit your test application by November 9th at the latest

NMRWA TRAINING — SMALL WATER O&M

DATE: December 14-15, Wednesday & Thursday

LOCATION: Alamogordo, TBA
REGISTRATION: 505-884-1031, 800-819-9893

CONTACT: NM Rural Water Assoc., www.nmrwa.org

NMRWA TRAINING – SMALL SYSTEM O&M

DATE: December 17-18, Wednesday & Thursday
LOCATION: Socorro, TBA
REGISTRATION: 505-884-1031, 800-819-9893
CONTACT: NM Rural Water Assoc., www.nmrwa.org

JANUARY

NMRWA TRAINING –

INTRO TO WW SYSTEMS - LEVELS 1 & 2

DATE: January 10-11, Tuesday & Wednesday
LOCATION: White Rock Baptist Church & WWTP
REGISTRATION: 505-884-1031, 800-819-9893
CONTACT: NM Rural Water Assoc., www.nmrwa.org

NMRWA TRAINING – SMALL WATER O&M

DATE: January 18-19, Wednesday & Thursday
LOCATION: Las Vegas, TBA
REGISTRATION: 505-884-1031, 800-819-9893
CONTACT: NM Rural Water Assoc., www.nmrwa.org

NMWWA ANNUAL SCHOOL - 50TH Anniversary

TOPICS: This general water & wastewater operations workshop is for both basic and advanced, Levels 1-4. Includes special workshops.

DATES: January 23-26, Monday through Thursday

TIMES: 8 to 5 each day

LOCATION: Las Cruces, Hilton Hotel, 705 Telshor Blvd.

REGISTRATION: \$200 for members, \$250 for non-members.

Advance registration is required for all classes.

CONTACT: NMWWA, Caroline Martinez, 505-753-8840, FAX 505-753-9810

CREDITS: 26 hours

NMED EXAM: January 27, 8 to 2:30.

Submit your test application by Dec. 27th at the latest.

FEBRUARY

NMRWA TRAINING – SMALL WATER O&M

DATE: February 22-23, Wednesday & Thursday
LOCATION: Hobbs, TBA
REGISTRATION: 505-884-1031, 800-819-9893
CONTACT: NM Rural Water Assoc., www.nmrwa.org

Register early!

The 2006 Annual School is going to be a big one. Last year's Annual School had a record 260 in attendance. There is a form in this newsletter or at www.nmwwa.org.

2006 NEW MEXICO TRAINING CALENDAR 2006

MARCH

RAGSDALE AND ASSOCIATES

MEC TECH SERVICES WORKSHOPS —

■ BASIC WATER CERTIFICATION

TOPICS: Levels 1&2 basic water

DATE: March 13-15, Monday - Wednesday

■ ADVANCED WATER CERTIFICATION

TOPICS: Levels 3&4 advanced water

DATE: March 13-15, Monday - Wednesday

REGISTRATION: \$240 for each three-day workshop. *Advanced registration is required, class size is limited.*

CREDITS: 21 hours for three days

TIMES: 8-5, each day

LOCATION: Albuquerque, TVI Workforce Training Center, 5600 Eagle Rock Ave. NE

CONTACT: Nicole Mangin, MEC TECH Services, 505-459-6832

NMRWA 28TH ANNUAL CONFERENCE

TOPICS: This general water & wastewater operations school is for both basic and advanced, Levels 1-4.

DATES: March 20-22, Monday to Wednesday

TIMES: 8 to 5 each day

LOCATION: Albuquerque, Hotel Albuquerque

REGISTRATION: \$150 for members, \$250 for non-members - Advance registration (\$170 or \$270 after March 1); single day registration \$75 for members, \$95 for non-members

CREDITS: 20 hours

CONTACT: NM Rural Water Assoc., www.nmrwa.org

NMED EXAM: March 23, 8 to 2:30. Submit your test application by February 23rd at the latest.

APRIL

NMSU WUTAP WORKSHOPS —

■ LABORATORY PROCEDURES FOR TOTAL & FECAL COLIFORM

TOPICS: total coliform procedures, colilert, MPN, fecal coliform procedures, e-coli

DATE: April 12, Wednesday

■ ADVANCED SECONDARY TREATMENT

TOPICS: advanced wastewater characteristics, fixed media, activated sludge, microscopic examination & plant tour

DATE: April 13, Thursday

TIMES: 8-5, both days

LOCATION: Santa Fe Community College and SFCC WWTP, 6401 Richards Ave.

REGISTRATION: \$100 for both workshops or \$55 for one workshop. *Advanced registration is requested*

CREDITS: 7 hours per day, 14 for 2 days

CONTACT: NMSU WUTAP, 505-984-0676, FAX 982-3137, or wutap@vcimail.com

NMED EXAM: April 14, 8 to 2:30

Submit your test application by March 14th at the latest.

NMRWA TRAINING – SMALL WATER O&M

DATE: April 19-20, Wednesday & Thursday

LOCATION: Anthony, TBA

REGISTRATION: 505-884-1031, 800-819-9893

CONTACT: NM Rural Water Assoc., www.nmrwa.org

MAY

NMWWA NORTHERN SCHOOL

TOPICS: This general water & wastewater operations school is for both basic and advanced, Levels 1-4.

DATES: May 8-11, Mon. to Thurs.

TIMES: 8 to 5 each day

LOCATION: Farmington, San Juan College, 4601 College Blvd.

REGISTRATION: \$200 for members, \$250 for non-members.

Advance registration is required for all classes.

CONTACT: NMWWA, Caroline Martinez, 505-753-8840, FAX 505-753-9810.

CREDITS: 26 hours

NMED EXAM: May 12, 8 to 2:30. Submit your test application by April 12th at the latest.

JUNE

NMWWA SOUTHWEST SECTION -

JAKE HANDS MEMORIAL WORKSHOP

TOPICS: Levels 1 & 2, Basic Water & Wastewater

DATE: June 7-8, Wednesday & Thursday

TIMES: 8 to 5, both days

LOCATION: Ruidoso, Inn of the Mt. Gods, 287 Carrizozo Canyon

REGISTRATION: \$80, members; \$100, non-members.

Advanced registration is requested.

CREDITS: 13 hours

CONTACT: Lydia Lugo, 505-528-3601

NMED EXAM: June 9, 8 to 2:30.

Submit your test application by May 9th at the latest.

ON-GOING TRAINING

SANTA FE COMMUNITY COLLEGE

WATER TECHNOLOGY PROGRAM

TOPICS: For the Spring 2006 semester the following courses will be offered: WWTT 140 - Intro to Drinking Water

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Treatment & Distribution; & WWTT 190 - Certification Examination Review Level 1 & 2

DATES: Spring 2006 semester begins January 23, 2006.

Delivery format combines integrated on-line, class room, and hand-on training. On-line weekly readings & assignments with 4 Saturday classes with instructors who are experts in their field.

LOCATION: Santa Fe, 6401 Richards Ave.

CONTACT: Lou Schreiber, 505-428-1617 or <http://www.sfccnm.edu/sfcc/pages/964.html>

**DONA ANA BRANCH COMMUNITY COLLEGE
WATER TECHNOLOGY PROGRAM**

DATES: Ongoing classes each semester

LOCATION: Las Cruces, 3400 South Espina St.

CONTACT: Terry Mount, 505-527-7584 or <http://dabcc.nmsu.edu/>

**NM MEMBERSHIP INVOLVEMENT COMMITTEE
ROCKY MOUNTAIN SECTION AWWA/WEA**

DATES: 4th Tuesday of each month

TIMES: 11:45 AM to 1 PM

LOCATION: Albuquerque, Furr's Family Dining, 6100 Central Ave. SE

CONTACT: Joel Rife, 505-243-3200

MEC TECH SERVICES

SERVICES: On-site training, technical support, on-site laboratory services

CONTACT: Nicole Mangin, 505-896-8018

www.mectechservices.com

e-mail: nicole@mectechservices.com

RAGSDALE & ASSOCIATES

SERVICES: on-site training, plant start-ups, O&M trouble shooting, technical assistance

CONTACT: Fred Ragsdale, 505-293-4658;

fredragsdale@comcast.net

WATER OPS

SERVICES: on-site training, technical assistance, project management, maintenance management consulting

CONTACT: Kit Roush, 505-881-4825; krroush@comcast.net

2006 UTILITY OPERATOR CERTIFICATION EXAMINATION SCHEDULE

APPLICATION DEADLINE	EXAM DATE	LOCATION	EVENT	EVENT DATES
12/28/05	1/27/06	Las Cruces, Hilton Hotel 705 Telshor Boulevard	NMWWA Annual Short School	Jan. 23-26
01/25/06	2/24/06 ****	Hobbs, TBA Small Systems exams ONLY (SW, SWA, SWW, & SWWA)	NMRWA Workshop	Feb. 22-23
02/23/06	3/23/06	Albuquerque, Sheraton Old Town 800 Rio Grande Boulevard NW	NMRWA Annual Conference	Mar. 20-22
03/15/06	4/14/06	Santa Fe, Santa Fe Community College 6401 Richards Ave.	NMSU WUTAP / NMED Workshop	April 12-13
04/12/06	5/12/06	Farmington, San Juan College 4601 College Blvd.	NMWWA Northern Short School	May 8-11
05/10/06	6/09/06	Ruidoso, Inn of the Mountain Gods 287 Carrizozo Canyon	NMWWA SW Section Workshop Jake Hands Memorial Workshop	June 7-8
06/07/06	7/07/06	Gallup, UNM Gallup 200 College Drive	NMWWA WC Section Workshop	July 5-6
07/12/06	8/11/06	Carlsbad, Pecos River Contr. Center 711 Muscatel St.	NMWWA SE Section Workshop	Aug. 10-11
08/16/06	9/15/06	Albuquerque, UNM Cont. Ed. 1634 University Boulevard	NMWWA Central Short School	Sep. 11-14
09/13/06	10/13/06	Glorieta, Conference Center I-25N @ Exit 299	NMWWA NE Section Workshop	Oct. 11-12
10/18/06	11/17/06	Albuquerque, UNM Cont. Ed. 1634 University Boulevard	NMWWA CT Section Workshop	Nov. 15-16

Download a current application form at www.nmenv.state.nm.us/swqb/FOT/index.html or call FOS at (505) 827-2804. Applications *must be submitted at least 30 days prior to the examination date and must be accompanied by payment in check or money order.* Test dates, locations, & fees are subject to change.

NEW MEXICO WATER & WASTEWATER ASSOCIATION

2006 ANNUAL SHORT SCHOOL - PRE-REGISTRATION FORM

ANNUAL SHORT SCHOOL

January 23-16, 2006
 Las Cruces Hilton Hotel
 705 Telshor Blvd.
 Las Cruces, NM

Payment in full must accompany this registration form or it will NOT be processed. Please call 505-753-8840 for payment arrangements.

NAME: _____ **SOCIAL SECURITY #:** _____

HOME ADDRESS: _____ **CITY:** _____ **STATE:** _____ **ZIP:** _____

EMPLOYED BY: _____ **EMPLOYER PHONE #:** _____

NMWWA Member: ___ YES ___ NO **ARE YOU CURRENTLY CERTIFIED:** ___ YES ___ NO

PLEASE NOTE: Pre-registration is required and on a "first come - first served" basis. There will be NO registration at the door. Registration confirmation will NOT be sent. Fax: 753-9810. Call (505)753-8840 to confirm registration. Refunds apply ONLY if cancellation notice is received one week before the short school. There will be a \$25 processing fee for all cancellations or substitutions. Classes are from 8 AM to 5 PM. NOTE: Please bring your study guides (Water & Wastewater) if you already have copies.

REGISTRATION FEES:

Member Fee:	\$200	_____
Non-Member Fee:	\$250	_____
Extra Banquet Ticket:	\$20	_____
NMWWA State & Section Dues (if not yet paid):		
Active	\$35	_____
Corporate	\$33	_____
Associate	\$30	_____
Student	\$25	_____

CLASSES:

You MUST mark the category of classes that you will be attending in order for this form to be complete. You may attend and receive credits in one or two categories of classes. 26 credits offered for the school.

ENROLLMENT	CATEGORY
55 people Basic Water (I - II)	_____
55 people Basic Wastewater (I-II)	_____
55 people Advanced Water(III-IV)	_____
55 people Adv. Wastewater (III-IV)	_____
55 people Workshops (III-IV)	_____

Make check payable to:

N.M. Water & Wastewater Association

Mail form & check to:

Caroline Martinez, Executive Manager
 P.O. Box 819
 Española, NM 87532

Make your motel reservations before January 10th. Mention that you are with NMWWA to get these rates:

- The Hilton Hotel 705 Telshor Blvd.
 \$60 single, \$60 double 1-505-522-4300
- Comfort Suites 2101 S. Triviz
 \$60 single, \$66 double 1-505-522-1300
- Super 8 245 La Posada Lane
 \$35 single, \$39 double 1-505-523-8695

Pre-Registration Deadline: January 16, 2006

NMWWA PRESIDENT'S CORNER

Louis Lujan

The year is rapidly coming to an end, and with that comes the end of my term as president of the New Mexico Water & Wastewater Association. It has been a pleasure and honor to serve as your president. The experience has been rewarding, and the contacts and networking with my fellow operators is just one of the many benefits of the position. I urge all operators throughout the state to get involved in your Association. The only reason this organization works is because of the dedication and volunteerism of the individuals involved.. My gratitude goes out to all the officers at both the state and section levels, without your help it would have been a tough task to complete.

I would also like to express my appreciation and thanks to Caroline Martinez, Executive Manager. Her dedication and hard work made my time as President all that much easier. This year's challenges allowed me to grow as an operator and co-worker. I feel that as an

Association the only way for us to go is up. The passing of the Utility Operator Certification Act is proof of that. Thanks to Mike Coffman and his staff for all the time and effort put into the Act, and everything else that goes with their department. As I have stated in the past, our certifications are only as good as the department that administers them, and we have one of the best in the nation. So be proud that you are part of an organization that goes back 50 years and is still going strong.

My thanks also goes out to the NMSU Water Utilities Technical Assistance Program. I know it has been a difficult time for them with the loss of two of their field trainers, Robert George and Bernie Garcia who both have moved on to new positions, thanks for your time, knowledge, and experience. And of course WUTAP would not be WUTAP without Bob and Nancy Gott. Thank you for all the work done on behalf of operators in the state.

Well it has been a great ride and I look forward to continued work with the officers coming on-board in the new year. Once again thank you for allowing me to serve as your President and keep up the good work

OPERATOR SPOTLIGHT - ERIC HALL *Northwest Section*

Eric has worked for the City of Aztec for 10 months but has over 23 years in the water industry. He is happily married and has 4 children, 3 boys and one girl. All of his boys are grown and only one boy still lives with him and his wife. He has a girl who is now 10 years old.

Eric has lived in the Farmington area for most of his life. His hobbies include fishing & gardening. He loves to play practical jokes on his fellow co-workers as well as his family. He is a joy to be around and always makes a person laugh. He also loves his hot jalapeno peppers. He will bring some to work to try to get others to eat them and we have all learned that is not the smart thing to do. His peppers are too hot.

Eric is a loyal Miami Dolphins football fan. He plays fantasy football as well and his team is Dolphin1963.

Eric has a Level IV in Wastewater and a Level III in Water, and he is currently working on getting his double IVs.



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Here are some useful links, if you have further questions.

USEPA contact is: Phil Jennings @ (214) 665-7538; Jennings.Phillip@epamail.epa

- <http://cfpub.epa.gov/npdes/wqbasedpermitting/wet.cfm>
- www.epa.gov/WET/guide/index.html
- www.epa.gov/waterscience/WET/wetstudy.htm

NEWSLETTER DIRECTORY OF CONTACTS

NMSU WUTAP

Nancy Gott, **Editor**

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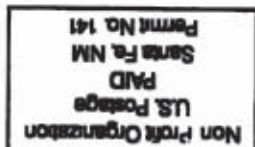
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www.nmenv.state.nm.us.swqb/FOT/index.html

NMWWA MONTHLY SECTION MEETINGS

- Southeast Section
 - ⊕ 1st Wednesday, rotating
 - ☎ Leo Wilson, 505-397-9396
- Southwest Section
 - ⊕ 3rd Wednesday, Las Cruces
 - ☎ Lydia Lugo, 505-528-3653
- West Central Section
 - ⊕ 4th Wednesday, Gallup
 - ☎ Ray Espinoza, 505-863-1210
- Central Section
 - ⊕ 2nd Tuesday, rotating
 - ☎ Cynthia Arnold, 505-281-3294
- Northeast Section
 - ⊕ 2nd Monday, rotating
 - ☎ Nick Salayandia, 505-757-4287
- Northwest Section
 - ⊕ 1st Thursday, rotating
 - ☎ Andrew Galloway, 505-334-8684

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