

## WUTAP OFFERS HOMELAND SECURITY WORKSHOPS

*Robert Gott, WUTAP Program Coordinator*

The Water Utilities Technical Assistance Program is hosting four homeland security workshops focusing on chemical and biological threats to water and wastewater systems. These workshops will start with an overview of the history of water sabotage and proceed into case studies of terrorism, chemical and biological agents as weapons of mass destruction, important areas to protect, procedures to follow, and solutions for protection and detection.

The course goals are to train employees to initiate the correct awareness level defensive response actions to a weapon of mass destruction incident. This includes describing the threat, recognizing signs and symptoms, recognizing contamination, and knowing what actions to take to protect yourself and the public. The workshop objective is to categorize a list of response procedures based on facility description and the methods used to process water or wastewater.

We will discuss what terrorism is and who is a terrorist - lone individuals, identified groups, non-aligned groups, internationally sponsored groups, doomsday cults, and insurgents. We'll look at the effects of terrorism -

loss of life; property damage; disruption of electrical service, water service, public transportation, and communications; as well as the psychological effects.

In the discussion of chemical and biological contaminating agents there will be an overview of likely agents, how they might be disseminated, and their effects. We'll look at chemical identification kits, their capabilities, limitations, and best uses and discuss decontamination procedures including levels and isolation considerations. Crime scene management will be discussed, including notifying the FBI of a federal crime scene, preservation of evidence, and being aware of secondary devices.

Kimberly Edwards of the Los Alamos National Laboratory will be the primary instructor with WUTAP staff handling the wastewater facility focus. These workshops have been approved for NM certification credit and will be free of charge. Space is limited and preregistration is required. Call WUTAP at 505-984-0676 to reserve your place. See the training calendar in this newsletter for dates and locations.



# 2003 UTILITY OPERATOR CERTIFICATION EXAMINATION SCHEDULE



This is the projected operator certification exam schedule for 2003. Any additions or changes to this schedule will be published in appropriate newsletters. Address any questions, comments, or requests for information regarding the certification process, to the **Facility Operations Section**. Our

phone number is **(505) 827-2804**. Our mailing address is: **Facility Operations Section  
NMED Surface Water Quality Bureau  
PO Box 26110  
Santa Fe NM 87502**

Application Deadline	Exam Date	Location	Training Event
1/02/03	1/31/03	Las Cruces	NMWWA Annual Short School
1/29/03	2/28/03	Hobbs	WUTAP Workshop
2/27/03	3/27/03	Albuquerque	NMRWA Annual Conference
3/12/03	4/11/03	Albuquerque	NMWWA Central Section Workshop
4/09/03	5/09/03	Farmington	NMWWA Northern Short School
5/14/03	6/13/03	Ruidoso	NMWWA SW Section Workshop
6/11/03	7/11/03	Gallup	NMWWA WC Section Workshop
7/09/03	8/08/03	Carlsbad	NMWWA SE Section Workshop
8/27/03	9/26/03	Albuquerque	NMWWA Central Short School
9/17/03	10/17/03	Espanola	NMWWA NE Section Workshop
10/22/03	11/21/03	Philmont	WUTAP Workshop

## NEW PUBLIC NOTICE REQUIREMENTS

The New Mexico Water Quality Control Commission Regulations (20.6.2 NMAC) public notice requirements of 20.6.2.3108 NMAC were revised **effective September 15, 2002** to require the applicant to provide notice to neighboring properties during the ground water discharge permit application process. The applicant must now select one of three public notice options by checking the selected box on page 3 of the Ground Water Discharge Permit Application. *When the NMED receives the application and deems it administratively complete, we will send the applicant the instructions and materials necessary to implement the selected public notice option.* The applicant must implement the public notice option within 30 days of submitting their application to the NMED. The applicant's public notice options are:

### Public Notice Option 1

Posting a sign: The sign must be prominently posted in a conspicuous

public location at or near the existing or proposed facility for 30 days. The sign should be visible so that passersby are likely to see it. The sign will be a synopsis of the full public notice prepared by NMED.

and

Sending direct notice to adjacent property owners: The public notice prepared by NMED must be sent to all "adjacent property" "owners of record" by certified mail, return receipt requested.

and

Sending direct notice to the owner of the discharge site: If the applicant is not the owner of the discharge site, the applicant must send the public notice prepared by NMED to the owner, by certified mail, return receipt requested.

### Public Notice Option 2

Posting a sign: The sign must be prominently posted in a conspicuous public location at or near the existing or proposed facility for 30 days. The sign

## "Requirements" Continued

should be visible so that passersby are likely to see it. The sign will be a synopsis of the full public notice prepared by NMED.

and

Placing a display advertisement: The display ad must be at least two inches by three inches in size and must be published in a newspaper of general circulation in the location of the proposed discharge. The display ad will be a synopsis of the full public notice prepared by NMED.

and

Sending direct notice to the owner of the discharge site: If the applicant is not the owner of the discharge site, the applicant must send the public notice prepared by NMED to the owner, by certified mail, return receipt requested.

### Public Notice Option 3

Sending direct notice to property owners within 1/2 mile of the discharge site: The public notice prepared by NMED must be sent to all property "owners of record" within 1/2 mile of the discharge site by certified mail, return receipt requested.

and

Sending direct notice to the owner of the discharge site: If the applicant is not the owner of the discharge site, the applicant must send the public notice prepared by NMED to the owner, by certified mail, return receipt requested.

The Water Quality Control Commission Regulations are available on the New Mexico Environment Department's (NMED) internet web site. The web site address is: [www.nmenv.state.nm.us](http://www.nmenv.state.nm.us) Click on the heading "Environmental Protection Regulations", then "Water Quality— Ground and Surface Water Protection". The public notice regulations are in Section 20.6.2.3108 NMAC. You can also call the Ground Water Quality Bureau at (505) 827-2900 and we will mail you a copy of the regulations.

# NEW “STANDARD METHODS” GUIDELINES

*Robert J. George, WUTAP Field Training Specialist*

On October 23, 2002, the Environmental Protection Agency published new guidelines that update the accepted test methodologies for the analysis of pollutants under the Clean Water Act and the Safe Drinking Water Act in the Federal Register. This change allows the use of methodologies from the 18<sup>th</sup>, 19<sup>th</sup>, and 20<sup>th</sup> editions of Standard Methods for the Examination of Water and Wastewater when analyzing samples for NPDES permit compliance and compliance with the Safe Drinking Water Act. This is the first time that multiple editions of Standard Methods have been approved for use at the same time. In the past, the latest edition became the “approved” text. You may recall that EPA attempted to enact this change over a year ago (as was reported in this newsletter), but concerns voiced by several sectors caused EPA to rescind its original action. Well, EPA has addressed the concerns and we are back to the three editions, although not every method from all three editions is accepted. Nonetheless, this change should be of special interest to lab analysts who perform NPDES parameters because there are differences in the TSS, BOD and Fecal Coliform (Membrane Filtration) methodologies of the 18<sup>th</sup>, 19<sup>th</sup>, and 20<sup>th</sup> editions.

For the most part, the 18<sup>th</sup> and 19<sup>th</sup> editions are very similar. It is the 20<sup>th</sup> edition that has changes that are relevant to NPDES parameters. Most of the changes are minor, and most have the effect of making lab analyst’s lives a little bit easier. For instance, the 20<sup>th</sup> edition of Standard Methods allows the use of commercially prepared (pre-washed)

## Changes found in the 20th Edition of Standard Methods

Parameter	Substantive Changes
TSS	Allows use of pre-washed filters
BOD	*Allows commercially prepared GGA *Specifies that sample pH is adjusted if sample is lower than 6.0 or higher than 8.5 *Requires that all pH adjusted samples be seeded *Reject sample date when dilution water blanks over deplete
Fecal Coliform	Specifies calculation of F.C. Densities for sludges

TSS filters. Additionally, commercially prepared Glucose Glutamic Acid standards for the BOD test are allowed by the 20<sup>th</sup> edition. Prudent quality control measures, like following the manufacturers shelf life recommendations must be adhered to closely. The 20<sup>th</sup> edition also clarifies that BOD samples should be pH adjusted to between 6.5 and 7.5 if they are outside of the pH range 6.0 – 8.5, (termed as containing caustic alkalinity or acidity). All pH adjusted BOD samples must be seeded, if using the methodology from the 20<sup>th</sup> edition.

On the down side, the 20<sup>th</sup> edition appears to require that data be rejected, or at the very least marked as not meeting QC guidelines, whenever BOD dilution water blanks deplete more than 0.2 mg/L. The Surface Water Quality Bureau will be providing more guidance on this issue in the near future.

For the Fecal Coliform (Membrane Filtration) parameter, the 20<sup>th</sup> edition provides specific directions for calculating Fecal Coliform densities for biosolids (sludge) samples:

$$\frac{\text{Colonies Counted}}{\text{Dilution Factor} \times \% \text{ Dry Solids}} = \text{Fecal Coliform per dry gram of sludge}$$

Ultimately, these changes will offer lab analysts more options when performing tests for NPDES parameters. It is important to remember that whenever a Standard Method is used, the proper method must be cited on laboratory bench-sheets and a copy of the method must be available to analysts working in the laboratory. If you are not a lab analyst and you read and understood this entire article, give yourself a pat on the back. If you are a lab analyst and read this but still don’t know what the heck I was talking about, don’t worry, just keep using the 18<sup>th</sup> edition. I hope you all had Happy Holidays!

## FIELD TRAINING

The New Mexico State University, Water Utilities Technical Assistance Program (WUTAP) - Robert Gott, Robert George, & Bernie Garcia - can provide on-site, no cost training in operations & maintenance, process control, laboratory, & financial management of water supply or wastewater treatment operations to municipal facilities and Indian Pueblos.  
505-984-0676; FAX 505-982-3137; e-mail wutap@swcp.com

# 2003 NEW MEXICO TRAINING CALENDAR 2003

## JANUARY

### NMWWA ANNUAL SCHOOL

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

DATES: January 27-30, Monday through Thursday

TIMES: 8 to 5 each day [26 hours credit]

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 31, 8 to 2:30.

*Submit your test application by Jan. 1st at the latest.*

### NMRWA TRAINING SESSION — SMALL WATER O&M

DATE: January 29-30, Wednesday & Thursday

LOCATION: Alamogordo, NMSU Alamogordo Branch

CONTACT: N.M. Rural Water Association,

505-884-1031, 1-800-819-9893,

FAX 505-884-1031, www.nmrwa.org

## FEBRUARY

### NMRWA TRAINING SESSION — SMALL WATER O&M

DATE: February 12-13, Wednesday & Thursday

LOCATION: Taos, Convention Center

CONTACT: N.M. Rural Water Association,

505-884-1031, 1-800-819-9893,

FAX 505-884-1031, www.nmrwa.org

### NMSU WUTAP WORKSHOP — HOMELAND SECURITY

TOPICS: historical overview of water sabotage, terrorism case studies, chemical & biological agents, areas to protect, procedures to follow, solutions for protection and detection

DATE: February 13, Thursday

TIME: 8-5

LOCATION: Albuquerque, Howard Johnson Hotel & Conference Center, 15 Hotel Circle, Emerald Room

REGISTRATION: free of charge, but *Preregistration required.*

CREDITS: 7 hours

CONTACT: NMSU WUTAP, 505-984-0676, FAX 982-3137; e-mail wutap@qwest.net



### NMSU WUTAP WORKSHOPS —

#### ■ BASIC & ADVANCED WATER SYSTEMS

TOPICS: water characteristics, disinfection, distribution, wells, surface water treatment

DATE: February 26, Wednesday

#### ■ BASIC & ADVANCED WASTEWATER SYSTEMS

TOPICS: wastewater characteristics, lagoons, disinfection, collections, secondary treatment

DATE: February 27, Thursday

TIMES: 8-5, both days

LOCATION: Hobbs, NM Junior College, 5317 Lovington

Hwy., Bob Moran Bldg. Rms 111 & 112

REGISTRATION: \$75 for both workshops or \$40 for one workshop.

*Preregistration requested.* Send to: P.O. Box 4192, Santa Fe, NM 87502

CREDITS: 7 hours per day

CONTACT: NMSU WUTAP, 505-984-0676, FAX 982-3137;

e-mail wutap@qwest.net

NMED EXAM: February 28, 8 to 2:30. *Submit your test application by January 29<sup>th</sup> at the latest.*

## MARCH

### NMRWA TRAINING SESSION — TRAINING NEEDS SYMPOSIUM

DATE: March 4, Tuesday

LOCATION: Santa Fe, TBA

CONTACT: N.M. Rural Water Association,

505-884-1031, 1-800-819-9893,

FAX 505-884-1031, www.nmrwa.org

### NMSU WUTAP WORKSHOP — LABORATORY PARAMETERS FOR NPDES

TOPICS: review of methodologies for BOD, TSS, pH, TRC, & Fecal Coliform tests and the associated QA/QC

DATE: March 12, Wednesday

TIME: 8-5

LOCATION: Albuquerque, Howard Johnson Hotel & Conference Center, 15 Hotel Circle, Emerald Room

REGISTRATION: \$50. *Preregistration required.* Send to: P.O. Box 4192, Santa Fe, NM 87502

CREDITS: 7 hours

CONTACT: NMSU WUTAP, 505-984-0676, FAX 982-3137;

e-mail wutap@qwest.net

### NMRWA — 25th Annual Conference

DATE: March 23-27, Sunday through Thursday

LOCATION: Albuquerque, Sheraton Old Town

CONTACT: N.M. Rural Water Association,

505-884-1031, 1-800-819-9893,

# 2003 NEW MEXICO TRAINING CALENDAR 2003

FAX 505-884-1031, www.nmrwa.org

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

*Submit your test application by Feb 27th at the latest.*

## APRIL

### NMSU WUTAP WORKSHOP — HOMELAND SECURITY

TOPICS: historical overview of water sabotage, terrorism case studies, chemical & biological agents, areas to protect, procedures to follow, solutions for protection and detection



DATE: April 2, Wednesday

TIME: 8-5

LOCATION: Carlsbad, Pecos River Conference Center

REGISTRATION: free of charge, but *Preregistration is required.*

CREDITS: 7 hours

CONTACT: NMSU WUTAP, 505-984-0676, FAX 982-3137;  
e-mail wutap@qwest.net

### NMWWA CENTRAL SECTION WORKSHOP

TOPICS: Levels 1 & 2, Basic Water & Wastewater

DATE: April 9-10, 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: John Kelley, 505-857-8286, 505-934-0871

NMED EXAM: April 11, 8 to 2:30 *Submit your test application by April 12th at the latest.*

### NMRWA TRAINING — ANNUAL WETLANDS WORKSHOP

DATE: April 10, Thursday

LOCATION: Edgewood, Entranosa W & WW Assoc.

CONTACT: N.M. Rural Water Association,  
505-884-1031, 1-800-819-9893,  
FAX 505-884-1031, www.nmrwa.org

### NMRWA TRAINING SESSION — SMALL WATER O&M

DATE: April 23-24, Wednesday & Thursday

LOCATION: Hatch, Community Center

CONTACT: N.M. Rural Water Association,  
505-884-1031, 1-800-819-9893,  
FAX 505-884-1031, 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 5-8, 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 9, 8 to 2:30. *Submit your test application by April 9th at the latest.*

### NMSU WUTAP WORKSHOP — HOMELAND SECURITY

TOPICS: historical overview of water sabotage, terrorism case studies, chemical & biological agents, areas to protect, procedures to follow, solutions for protection and detection

DATE: May 14, Wednesday

TIME: 8-5

LOCATION: Las Cruces, Hilton Hotel, San Rafael Room, 705  
Telshor Blvd.

REGISTRATION: free of charge, but *Preregistration is required.*

CREDITS: 7 hours

CONTACT: NMSU WUTAP, 505-984-0676, FAX 982-3137;  
e-mail wutap@qwest.net

### NMRWA TRAINING SESSION — SMALL WATER O&M

DATE: May 21-22, Wednesday & Thursday

LOCATION: Cimarron, Philmont Scout Ranch

CONTACT: N.M. Rural Water Association,  
505-884-1031, 1-800-819-9893,  
FAX 505-884-1031, www.nmrwa.org

## JUNE

### NMWWA SOUTHWEST SECTION — JAKE HANDS MEMORIAL WORKSHOP

TOPICS: Levels 1 & 2, Basic water & wastewater

DATE: June 11-12, Wednesday & Thursday

TIMES: 8 to 5 each day

LOCATION: Ruidoso, Swiss Chalet Motel, 1451 Mechem Dr.

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

*Advanced registration is requested*

CREDITS: 13 hours

CONTACT: Mario Gonzales, 505-642-8312

NMED EXAM: June 13, 8 to 2:30.

*Submit your test application by May 14th at the latest.*



## PRESIDENT'S CORNER

*Eric Lopez*

I would like to take this time to thank everyone for giving me the opportunity to serve you as the President of the NMWW Association. I work for the City of Las Cruces where I serve as the Plant Manager for their Wastewater Facilities. I have served the State Association and the Southwest Section in many different capacities and have enjoyed meeting the many operators throughout the state. I am looking forward to working with the members and hope to work hard in fulfilling the many goals that we as members of the water and wastewater community have.

There are many different problems facing us as operators and professionals in the water and wastewater field. One is the shortage of water throughout the state and the other is the possibility of terrorism to our water systems. These two important topics are already being addressed at our major short schools and these are just a few of the things that I hope continue in our list of training. I want our operators throughout the state to feel free to give input on topics for future training by being active participants of their local and state Association.

The Association with the help of Fred Ragsdale, and the staff of Mike Coffman will begin a new era in study guides and the way water classes are presented during the schools. The executive board along with the short schools instructors recommended that we begin including the study guides as part of the folder given to operators signed up for the water classes. Bob Gott and his staff are in the final stages of completing the wastewater study guide and as soon as those guides are completed they will also be handed out with the folders during each school. So when you Fred, Mike, Bob and their staffs be sure to thank them for all the work they put forth in constantly making the Association and our schools a success.

In closing I would like to recognize the backbone of the Association Caroline Martinez, and thank her for all the work she does to make this organization function and for the vision she continuously brings to the Association.

## JOB OPPORTUNITY

The Village of Ruidoso has a vacancy for a Surface Water Treatment Plant Operator. The position requires Level 4 Certification or Level 3 with the ability to obtain Level 4 within 6 months.

The Village operates 2 surface water treatment plants as well as a number of domestic wells. Please telephone Larry Wilt, Chief Plant Operator at (505) 257-5525 or Larry Grasmick, Water/Wastewater Director at (505) 257-2386 if you are interested in the position. They may be emailed at vorwtp4@zianet.com or vorwater@zianet.com respectively.

## SFCC WATER TECH PROGRAM UPDATE

*Lou Schrieber, SFCC Academic Training Programs*

The new Water Technology program at Santa Fe Community College is offering it's first courses this spring. At present the program offers a certificate ( 35 credit hours ) in Water Technology. An associate of Science degree will be offered and all the courses in the certificate program will transfer into the associate degree program.

The certificate program is designed to prepare individuals for Levels 1 and 2 of the New Mexico Environment Department water and wastewater certification. It is also an excellent way for operators to refresh their skills and cross train in another field. Individuals interested in this fast growing technical field where many jobs are available can prepare themselves for entry by attending these classes.

The two courses being offered in the spring 2003 semester are:  
\*WWTT 120 Introduction to Wastewater Collection and Treatment  
\*WWTT 140 Introduction to Drinking Water Treatment and Distribution.

Both are 3 credit courses and will be offered in a combination of on-line delivery and classroom/field trip formats. The first day of class for both courses is January 25, 2003. Registration is ongoing. Registration can be done by telephone, on-line or in person at Santa Fe Community College. For registration information please call Carl Shearer, Outreach Coordinator at 428-1406.

Please visit our website for detailed information about the course, the textbook and the instructors. The Santa Fe Community College website is [www.sfccnm.edu](http://www.sfccnm.edu). Click on new programs, and then select Water Techology.

### NEWSLETTER DIRECTORY OF CONTACTS

#### **NMSU DABCC Water Utilities Technical Assistance Program**

Nancy Gott, Newsletter Editor 505-984-0676  
P.O. Box 4192 wutap@qwest.net  
Santa Fe, NM 87502 FAX 505-982-3137

#### **NM Water & Wastewater Association**

Caroline Martinez 505-753-8840  
P.O. Box 819 www.nmwwa.org  
Española, NM 87532 FAX 505-753-9810

#### **NM Environment Department, Certification & Training Office, NM Utility Operator Certification Advisory Board**

Mike Coffman 505-827-0108  
P.O. Box 26110 www.nmenv.state.nm.us  
Santa Fe, NM 87502 FAX 505-827-0160

# NEW MEXICO WATER & WASTEWATER ASSOCIATION

## 2003 NORTHERN SHORT SCHOOL - PRE-REGISTRATION FORM

**NORTHERN SHORT SCHOOL**

May 5-8, 2003

San Juan Coll. Community Learning Cent.

4601 College Drive

Farmington, NM

Payment in full must accompany this registration form or it will NOT be processed.

NAME: SOCIAL SECURITY #: \_\_\_\_\_

HOME ADDRESS: CITY: STATE: ZIP: \_\_\_\_\_

EMPLOYED BY: EMPLOYER PHONE #: \_\_\_\_\_

ARE YOU A MEMBER OF NEW MEXICO WATER & WASTEWATER ASSOCIATION: 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. You must specify which *category* you will attend. When a specific *category* has reached its student capacity, no further registration will be allowed in that area, either at pre-registration or at the time of the school. Registration confirmation will *NOT* be sent. Call (505)753-8840 to confirm registration. Refunds apply *ONLY* if cancellation instructions are received one week before the specified short school and there will be a \$25 processing fee for all cancellations.

**REGISTRATION FEES:**

Member Fee: \$200 \_\_\_\_\_

Non-Member Fee: \$250 \_\_\_\_\_

**NMWWA State & Section Dues (if not yet paid):**

Active \$30 \_\_\_\_\_

Corporate \$28 \_\_\_\_\_

Associate \$25 \_\_\_\_\_

Student \$20 \_\_\_\_\_

TOTAL \$ \_\_\_\_\_

**CLASSES:**

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

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

**Make check payable to:**

N.M. Water & Wastewater Association

Make your motel reservations before April 15. Be sure to tell them you're with NMWWA to get this rate.

**Mail form & check to:**

Caroline Martinez, Executive Manager

P.O. Box 819

Española, NM 87532

- Super 8, 4751 Cortez Way  
505-564-8100 \$48 single \$55 double
- La Quinta, 675 Scott Avenue  
505-327-4706 \$49 single \$49 double
- Holiday Inn, 600 E. Broadway  
505-327-9811 \$55 single \$61 double

**Pre-Registration Deadline:** April 25, 2003

# OPERATOR SPOTLIGHT - ART SENA

*Debbie Edwards, Southeast Section*

Art Sena began his career in Ft. Sumner in the water and wastewater field. He then moved to Carlsbad in December of 1990 to work at the wastewater treatment plant as an Operator I. Since then he has held the positions of Operator IV, Senior Lab Tech, and Wastewater Foreman of both the treatment plant and the collection crew.

In 2000 he accepted the position of Public Works Director for the Village of Loving. After a year, he came back to work for the City of Carlsbad and is currently the Acting Wastewater Superintendent, responsible for a 4.5 MGD activated sludge treatment plant and composting facility. Art is quoted as saying "It's nice working with a good intelligent crew such as operators, lab technicians, and a secretary. They work with you as a team We (the City of Carlsbad) wouldn't be able to do it without them." He currently holds a Level IV wastewater, a Level II water certification, a Composting Certification and a Water Compliance Sampling Certification.

Art has been a member of the NMWWA for over 15 years. He's also a board member of the Boys and Girls Club of Carlsbad, serves as a youth minister for the San Jose Catholic Church and is also practicing the arts of Tai Kwon Do. Art has been president of the NMWWA SE Section twice and was United Steel Workers of American president for 3 years.

Art enjoys spending time with **all** 7 of his kids, riding his Harley and is an avid Washington Redskins and LA Lakers fan.



## NMWWA MONTHLY SECTION MEETINGS

### •Southeast Section

⊕ 1st Wednesday, rotating

☎ Mark Earnest, 505-624-6731

### •Southwest Section

⊕ 3rd Wednesday, Las Cruces

☎ Louie Gomez, 505-528-3653

### •West Central Section

⊕ 4th Wednesday, Gallup

☎ Ray Espinoza, 505-863-1210

### •Central Section

⊕ 1st Monday, Albuquerque

☎ John Kelley, 505-857-8286

### •Northeast Section

⊕ 2nd Monday, rotating

☎ Andrew Medina, 505-662-8142

### •Northwest Section

⊕ 1st Tuesday, rotating

☎ Gary Lawrence, 505-632-2866