



NEW MEXICO WATER UTILITIES NEWSLETTER

PUBLISHED FOR THE OPERATORS OF NEW MEXICO

FALL 2009

WASTEWATER LABORATORY CERTIFICATION UPDATE

By Mike Coffman, Certification Officer

In May of 2006, the New Mexico Environment Department (NMED) petitioned the New Mexico Water Quality Control Board (NMWQCC) to amend the Utility Operator Certification regulation 20.7.4, NMAC. In the 2006 amendments, the creation of the Wastewater Laboratory Certification for wastewater lab technicians was born. The Commission adopted the regulations and pushed the effective date to January of 2008. In November of 2008 the NMED extended that date to January of 2010, allowing more time for technicians to become certified. In April 2009 a workgroup was formed to review the current regulations concerning the Wastewater Laboratory certifications.

That brings us to the present. There have been two meetings of the stakeholders during which representatives from NM Rural Water Association and the NM Municipal League have laid out their concerns in an unofficial draft format. These concerns will eventually be put before the NM Advisory Board for their consideration. The workgroup has suggested some changes to the regulations that can



be viewed at the following website: <http://www.nmenv.state.nm.us/swqb/UOCP/index.html>. You can also view a redlined version of the proposed regulation changes on pages 11-12 of this newsletter.



The Workgroup still has one issue that has not been resolved - whether by regulation NM Level 3 Wastewater Operators will be allowed to perform the duties of a Level 2 Wastewater Laboratory Technician. The next meeting of the Wastewater Laboratory Workgroup is planned for September 11, 2009. It will probably be March of 2010 before a hearing can be set before the Water Quality

Control Commission.

The Utility Operator Certification Program will keep you informed through this newsletter of any amendments to the regulations concerning the Wastewater Laboratory Certification.

If you would like to submit comments on the Wastewater Laboratory Certification, (good or bad), you can email them to: mike.coffman@state.nm.us. We would love to hear from you.





RMSAWWA & RMWEA HOLD JOINT ANNUAL CONFERENCE IN ALBUQUERQUE

The 2009 Rocky Mountain Section of the American Water Works Association/Rocky Mountain Water Environment Association (RMSAWWA/RMWEA) Joint Annual Conference will be held September 13 to 16, 2009 at the Albuquerque Convention Center. The conference host hotel is the Hyatt Regency in downtown Albuquerque, and is only walking distance from the Convention Center.

A total of 12 training credits can be earned by attending seminars between noon Monday and noon Wednesday. Operator training credit will be provided for Colorado, New Mexico, and Wyoming. There are also tours Tuesday afternoon including the Albuquerque Bernalillo County Water Utility Authority's (ABCWUA) new surface water treatment plant, ABCWUA arsenic removal demonstration facility, the City of Rio Rancho's Cabezon membrane bioreactor (MBR) water reclamation facility, and the City of Rio Rancho's Well 10 arsenic removal facility.

The Exhibit Hall will be open Sunday from 5 to 7 pm, Monday from 11 am to 7 pm, and Tuesday morning. Space for 100 booths is available, and over 65 booths have been sold as of July 1. You'll want to visit the Exhibit Hall to take advantage of this excellent opportunity to view water industry products and discuss product applications with the vendors in the Exhibit Hall.

Fun activities are planned for Sunday, September 13 include the traditional golf tournament to be held at the Sandia Golf Club and the "Tour de Agua" bike ride, which will visit several state-of-the-art water and wastewater treatment facilities along the bike route. A hot air balloon ride is also planned on early Sunday morning.

The second Annual RMSAWWA Water Taste Test Competition will be held on Tuesday AM. Utilities who are "utility members" of AWWA are invited to submit a sample for water tasting by the panel. The winner will represent the RMSAWWA at the national "Best of the Best" Taste Test Competition in Chicago in June 2010.

Finally, the annual Toilet Bowl Trivia Contest will be held on Monday afternoon. Teams of four people compete against each other to be the first to correctly answer water and wastewater related questions. To date, a "New Mexico only" team has never competed, so get teams together now for this exciting event!

More information on all activities, exhibitor registration, sponsorships, and Sunday activities is available on these websites: www.rmsawwa.net and www.rmwea.org. The Hyatt Regency room reservations are open via phone or on-line. Exhibitor registration has been open since March and conference registration opened June 15.

2009 - 2010

UTILITY OPERATOR CERTIFICATION EXAMINATION SCHEDULE

<i>Application Deadline</i>	<i>Exam Date</i>	<i>Location</i>	<i>Training Event</i>
08/19/09	9/18/09	Albuquerque	NMWWA Central Short School
10/07/09	11/06/09	Farmington	NMWWA NW Section Workshop
12/30/09*	1/29/10	Las Cruces	NMWWA Annual Short School
4/15/10	5/21/10	Espanola	NMWWA Northern Short School
5/19/10	6/18/10	Grants	NMWWA WC Section Workshop
6/16/10	7/16/10	Ruidoso	NMWWA SW Section Workshop
8/18/10	9/17/10	Albuquerque	NMWWA Central Short School
9/15/10	10/15/10	Espanola	NMWWA NE Section Workshop
10/6/10	11/5/10	Albuquerque	NMWWA CT Section Workshop

*Deadline may be extended due to Holiday.

Test Dates, Locations, and Fees are subject to change.



OPERATOR CERTIFICATION NEWS

*Mike Coffman, Certification Officer
NMED SWQB Facility Operations Section*

NM ADVISORY BOARD UPDATE

The New Mexico Utility Operator Advisory Board met on August 28, 2009 at the NMED District 1 Office. On the agenda was a discussion of the Wastewater Laboratory Certification Regulations (refer to the front page of this newsletter for more details). The next workgroup meeting has been scheduled for September 11, 2009. At this meeting the draft amendments to 20.7.4.13.C will be finalized.

The Albuquerque Water Authority Electronic Technicians were also on the agenda requesting a review of their job duties as it relates to water certification. There was plenty of discuss on both sides of the issue. In the end the UOC Advisory Board decided that the technicians were not required to be certified water operators and therefore did not fit under the umbrella of the NM Operator Certification Program.

Other business included the updates on the UOC Program, NMED Drinking Water Program, CNM Operator training, and revision of the Need-To-Know criteria for the Level 1 Sampling Certification. If you would like more information on the meeting and the NM Advisory Board please go to <http://www.nmenv.state.nm.us/swqb/UOCP/index.html> and scroll down to "Program Foundations". Minutes of each meeting are posted at this location.

WATER OPERATOR CERTIFICATION EXPENSE REIMBURSEMENT GRANT PROGRAM



The Expense Reimbursement Grant (ERG) program is sponsored by the New Mexico Environment Department Drinking Water Bureau (NMED DWB) in partnership with New Mexico Rural Water Association (NMRWA) and Ragsdale & Associates Training Specialists. The ERG provides operator training and funding for small water system (fewer than 3,301 population) representatives. This program offers free training sessions conveniently located throughout the state. Eligible participants will be reimbursed for expenses related to attending the training sessions, and for the certification exam fee.

Training focuses on water certification levels: Small Water (SW), Small Water Advanced (SWA), Level 1 Water Supply (WS1) and Level 2 Water Supply (WS2). Eligibility for reimbursement is based on the following criteria: Must be attending training on behalf of a water system with less than 3301 persons, must be either a community or non-transient non-community water system and only two (2) persons per eligible small water system may receive reimbursement.

Paid and unpaid small water system representatives may be reimbursed for mileage to and from the training sessions. Only one (1) person per vehicle may claim mileage expenses. Mileage reimbursement is set at \$0.40 per mile and is determined using map miles from your home to the training session.

Unpaid volunteer small water system representatives may also receive reimbursement for actual meal and lodging expenses, up to limits set by the State, (most areas for lodging \$85 per night including taxes and fees, and \$30 per day for meals).

The fee for certification exams can also be reimbursed for all eligible paid and unpaid small water system representatives. You may receive reimbursement for exam fees up to three (3) times from this program.

Please contact the NMRWA office at 1-800-819-9893, Ragsdale & Associates at 505-293-4658 or Violette Valerio-Hirschfeld, with the NMED DWB Albuquerque office at 505-222-9539 with any questions. The schedule of current and upcoming training sessions is located on the NMED DWB website (www.nmenv.state.nm.us/dwb/training/) and on the training providers' websites shown below.

Register for ERG training sessions online or mail ERG registration forms directly to the training provider at the addresses below:

NM Rural Water Association
3413 Carlisle Blvd. NE,
Albuquerque, NM 87110
505-884-1031 or toll free 800-819-9893
www.nmrwa.org/erg.php

or
Ragsdale & Associates Training Specialists
804 Omaha Street, NE,
Albuquerque, NM 87123
505-293-4658

<http://ragsdaleassociates.com/NMclasses.html>

NEW ADDRESS FOR THE NMED

Just a reminder that in October, 2008 a new address went into effect for the NM Environment Department. The new address for all correspondence with the NMED Utilities Operator Certification Program is now:

**NMED SWQB
Utility Operator Certification Program
P.O. Box 5469
Santa Fe, NM 87502-5469**

The physical address remains:

NMED
1190 St. Francis Drive, Suite N4050
Santa Fe, NM 87505

There are still some forms (letterhead, certification applications, etc. etc.) out there that have the old address. So before you send in any renewal forms or fees, **be sure that you address your submission to P.O. Box 5469.** Thanks in advance for your patience as we make the change.

2009 NEW MEXICO TRAINING CALENDAR 2009

SEPTEMBER

NMRWA TRAINING – WATER SAMPLING TECHNICIAN (I & II)

TOPICS: Certification Regulations, Intro to drinking water sampling; SDWA; SDWIS, public notification & CCRs/CCR writer, microbiological sampling; organic sampling radiological sampling, laboratory & chain-of-custody forms; study guide appendices; field & chemical safety

DATES: September 9-10, 2009; Wednesday & Thursday

TIMES: 7:30 to 5

LOCATION: Albuquerque, ARS Analytical, 4301 Masthead NE

CREDITS: 10 hours

REGISTRATION: Free, Pre-reg. required, www.nmrwa.org

CONTACT: Susanne Lischer at 800-819-9893, susanne@nmrwa.org

NMRWA TRAININGS

– GROUND WATER RULE

TOPICS: Ground Water Rule overview, wells & watershed protection, disinfection CT calculations, sanitary surveys

DATES: September 9, 2009; Wednesday

TIMES: 7:30 to 4:30 CREDITS: 7 hours

– WATER SYSTEM MATH (1/2 DAY)

TOPICS: Math fundamentals; conversions & water calculations; dosages & chemical feeds

DATES: September 10, 2009; Thursday

TIMES: 7:30 to Noon CREDITS: 4 hours

– DISINFECTION & DISINFECTION BY-PRODUCTS (1/2 DAY)

TOPICS: Disinfection history, disinfection by-products, system optimization & maintenance

DATES: September 10, 2009; Thursday

TIMES: 12:30 to 4:45 CREDITS: 4 hours

– DISTRIBUTION SYSTEMS

TOPICS: fundamentals, maintenance & repairs, flushing & water quality maintenance, distribution system math

DATES: September 11, 2009; Wednesday

TIMES: 7:30 to 4:30 CREDITS: 7 hours

LOCATION: Raton, Convention Center, 901 S 3rd St.

REGISTRATION: Free, Pre-registration required,

Eligible for the Expense Reimbursement Program

ON-LINE REGISTRATION: www.nmrwa.org

CONTACT: Susanne Lischer at 800-819-9893, susanne@nmrwa.org

RMSAWWA/RMWEA JOINT ANNUAL CONFERENCE

TOPICS: Exhibits, technical presentations, networking

DATES: September 13-16, 2009; Sunday through Tuesday

LOCATION: Albuquerque, Convention Center

1634 University Blvd., NE

CREDITS: 12 hours

REGISTRATION: \$250 for members, \$325 for non-members;

\$150 for single day attendance

Advanced registration is required

ON-LINE REGISTRATION: <http://www.rmwea.org> or

<http://www.rmsawwa.net/>

CONTACT: TEAMS, 2170 S. Parker Rd. #290, Denver, CO 80231; FAX 303-394-3450;

NMWWA CENTRAL SCHOOL

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

DATES: September 14-17, 2009; Monday through Thursday

TIMES: 8 to 5 each day

LOCATION: Albuquerque, UNM Continuing Education Bldg. 1634 University Blvd., NE

REGISTRATION: \$250 for members, \$300 for non-members.

Advanced registration is required

CREDITS: 26 hours

CONTACT: Caroline Martinez, 505-753-8840,

FAX 505-753-9810, csmartinez@windstream.net

NMED EXAM: September 18, 8 to 2:30.

Submit your test application by August 19th at the latest.

RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC – 2-DAY SDWA GROUND WATER RULE, SAMPLING & DISINFECTION

DATES: September 21-22, 2009; Monday & Tuesday

TIMES: 8 to 5 each day

LOCATION: Los Lunas, Transportation Center, 751 Juan Perea Rd.

CREDITS: 14 hours

REGISTRATION: Free, Pre-registration required,

Eligible for the Expense Reimbursement Program

ON-LINE REGISTRATION: www.nmrwa.org

CONTACT: Kat Ragsdale, 505-293-4658 or

www.ragsdaleandassociates.com

NMRWA TRAINING – OPERATOR CERTIFICATION OVERVIEW

TOPICS: Disinfection CT; distribution systems; pumps; wells

DATES: September 23, 2009; Wednesday

TIMES: 7:30 to 5:00

LOCATION: San Juan Pueblo, Chamita Community Center, County Rd. 56A, #42

CREDITS: 7.5 hours

REGISTRATION: Free, Pre-registration required

ON-LINE REGISTRATION: www.nmrwa.org

CONTACT: Susanne Lischer at 800-819-9893,

susanne@nmrwa.org

NMRWA TRAINING – WATER OPERATOR CERTIFICATION FUNDAMENTALS

TOPICS: Certification Program facts; basic water chemistry; sampling & reporting; disinfection/chlorination; math - conversions/formulas; safety; distribution systems design & quality control; pumps, motors, & mechanical systems; wells; areas & volumes, flow calculations, Cl₂ dosage formulas; successful studying, test taking, & practice exams

2009 NEW MEXICO TRAINING CALENDAR 2009

DATES: September 22-24; Tuesday through Thursday
TIMES: 7:30 to 4:30 each day
LOCATION: Tucumcari, Convention Center (Logan Room),
1500 West Historic Route 66
CREDITS: 21 hours
REGISTRATION: Free, Pre-registration required,
Eligible for the Expense Reimbursement Program
ON-LINE REGISTRATION: www.nmrwa.org
CONTACT: Susanne Lischer at 800-819-9893, susanne@nmrwa.org

**RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC –
3-DAY BASIC WATER CERTIFICATION**
DATES: September 29- October 1, 2009; Tues. - Thurs.
TIMES: 8 to 5 each day
LOCATION: Bloomfield, Cultural Center, 333 1st St.
CREDITS: 21 hours
REGISTRATION: Free, Pre-registration required
Eligible for the Expense Reimbursement Program
CONTACT: Kat Ragsdale, 505-293-4658 or
www.ragsdaleandassociates.com

OCTOBER

**RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC –
2-DAY SDWA GROUND WATER RULE,
SAMPLING & DISINFECTION**
DATES: October 6-7, 2009; Tuesday & Wednesday
TIMES: 8 to 5 each day
LOCATION: San Felipe Pueblo, Casino
CREDITS: 14 hours
REGISTRATION: Free, Pre-registration required
Eligible for the Expense Reimbursement Program
CONTACT: Kat Ragsdale, 505-293-4658 or
www.ragsdaleandassociates.com

**RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC –
3-DAY BASIC WATER CERTIFICATION**
DATES: October 13-15, 2009; Tuesday - Thursday
TIMES: 8 to 5 each day
LOCATION: Red River, Conference Center, 3101 W River Rd
CREDITS: 21 hours
REGISTRATION: Free, Pre-registration required
Eligible for the Expense Reimbursement Program
CONTACT: Kat Ragsdale, 505-293-4658 or
www.ragsdaleandassociates.com

NMWWA NORTHEAST SECTION WORKSHOP
TOPICS: Levels 1 – 2, Basic water & wastewater
DATE: October 14-15, 2009; Wednesday & Thursday
TIMES: 8 to 5 each day
LOCATION: Espanola, National Guard Armory, Industrial Park
REGISTRATION: \$80, members; \$100, non-members
Advanced registration is requested

CREDITS: 13 hours
CONTACT: Jake Martinez, 505-753-9606

NMRWA TRAININGS

– **OPERATOR CERTIFICATION REFRESHER**
TOPICS: basic water chemistry; rules & regulations; flow calculations; distribution systems; safety & security
DATES: October 14, 2009; Wednesday
TIMES: 7:30 to 4:30 CREDITS: 7 hours
– **GROUND WATER RULE**
TOPICS: Ground Water Rule overview, wells & watershed protection, disinfection CT calculations, sanitary surveys
DATES: October 15, 2009; Thursday
TIMES: 7:30 to 4:30 CREDITS: 7 hours
– **WATER SYSTEM MATH (1/2 DAY)**
TOPICS: Math fundamentals; conversions & water calculations; dosages & chemical feeds
DATES: October 16, 2009; Friday
TIMES: 7:30 to Noon CREDITS: 4 hours
– **DISINFECTION & DISINFECTION BY-PRODUCTS (1/2 DAY)**
TOPICS: Disinfection history, disinfection by-products, system optimization & maintenance
DATES: October 16, 2009; Friday
TIMES: 12:30 to 4:45 CREDITS: 4 hours
LOCATION: Silver City, City Hall Annex, 1203 North Hudson
REGISTRATION: Free, Pre-registration required,
Eligible for the Expense Reimbursement Program
ON-LINE REGISTRATION: www.nmrwa.org
CONTACT: Susanne Lischer at 800-819-9893, susanne@nmrwa.org

NMRWA TRAINING –WATER OPERATOR CERTIFICATION FUNDAMENTALS

TOPICS: Certification Program facts; basic water chemistry; sampling & reporting; disinfection/chlorination; math - conversions/formulas; safety; distribution systems design & quality control; pumps, motors, & mechanical systems; wells; areas & volumes, flow calculations, Cl₂ dosage formulas; successful studying, test taking, & practice exams
DATES: October 20-22; Tuesday through Thursday
TIMES: 7:30 to 4:30 each day
LOCATION: Chama, City Hall Council Chambers, 299 4th St.
CREDITS: 21 hours
REGISTRATION: Free, Pre-registration required,
Eligible for the Expense Reimbursement Program

Please Note: On its website NMRWA posts the following: **Bring a calculator & paper.** You are encouraged to bring a copy of the “NM Water Systems Operator Certification Study Guide” or “NM Water Sampling Certification Study Guide”. These are available for download from www.nmrwa.org/exams.php or www.nmenv.state.nm.us/swqb/fot/index.html”

2009 NEW MEXICO TRAINING CALENDAR 2009

ON-LINE REGISTRATION: www.nmrwa.org

CONTACT: Susanne Lischer at 800-819-9893, susanne@nmrwa.org

NOVEMBER

POWRA-NM – NAWT INSPECTOR CERTIFICATION

TOPICS: Inspection of onsite wastewater treatment systems including: septic tanks, pump chambers, pretreatment media filters, aerobic treatment units and soil treatment units.

DATES: October 22-23, 2009; Thursday & Friday

TIMES: 8 to 5 each day

LOCATION: Albuquerque, Albuquerque Square Dance Center, 4909-15 Hawkins NE

REGISTRATION: 2-day Certification - \$620 (\$650 after 10/8/09)

1-day Re-Certification on 10/22 - \$325 (\$350 after 10/8)

Fees include: National registry with NAWT, materials, exam for new certifications, refreshments & lunch

ON-LINE REGISTRATION: www.powranm.org, fax form to 505-213-0114

CONTACT: Bill McKinstry 800 638-8569; 505 989-7676 e-mail billmckinstry@msn.com

RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC – 3-DAY BASIC WATER CERTIFICATION

DATES: October 26-27, 2009; Monday & Tuesday

TIMES: 8 to 5 each day

LOCATION: Clovis, Clovis Community College, 417 Schepps Blvd.

CREDITS: 21 hours

REGISTRATION: Free, Pre-registration required

Eligible for the Expense Reimbursement Program

CONTACT: Kat Ragsdale, 505-293-4658 or

www.ragsdaleandassociates.com

NMRWA TRAINING – WATER OPERATOR CERTIFICATION FUNDAMENTALS

TOPICS: Certification Program facts; basic water chemistry; sampling & reporting; disinfection/chlorination; math - conversions/formulas; safety; distribution systems design & quality control; pumps, motors, & mechanical systems; wells; areas & volumes, flow calculations, Cl₂ dosage formulas; successful studying, test taking, & practice exams

DATES: October 27-29; Tuesday through Thursday

TIMES: 7:30 to 4:30 each day

LOCATION: Las Vegas, New Mexico Highlands University, Student Center (Senate Chambers), 903 Baca Ave.

CREDITS: 21 hours

REGISTRATION: Free, Pre-registration required,

Eligible for the Expense Reimbursement Program

ON-LINE REGISTRATION:

www.nmrwa.org

CONTACT: Susanne Lischer at 800-819-9893, susanne@nmrwa.org

NMWWA NORTHWEST SECTION -

JOHN ALLISON MEMORIAL WORKSHOP

TOPICS: Levels 1 – 2, Basic water & wastewater

DATE: November 2-5, 2009; Monday to Thursday

TIMES: 8 to 5 each day

LOCATION: Farmington, McGee Park, Farmington 41 Road 5568 Bloomfield Hwy, Building #1

REGISTRATION: \$140, members; \$180, non-members

Advanced registration is requested

CREDITS: 26 hours

CONTACT: Ron Montoya, 505-334-8684

NMED EXAM: November 6, 8 to 2:30.

Submit your test application by October 7th at the latest.

RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC – 3-DAY BASIC WATER CERTIFICATION

DATES: November 3-5, 2009; Tuesday through Thursday

TIMES: 8 to 5 each day

LOCATION: Las Cruces, Dona Ana County Bldg., 845 Motel Blvd.

CREDITS: 21 hours

REGISTRATION: Free, Pre-registration required

Eligible for the Expense Reimbursement Program

CONTACT: Kat Ragsdale, 505-293-4658 or

www.ragsdaleandassociates.com

RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC – 2-DAY PUMPS O&M AND WELLS O&M

DATES: November 9-10, 2009; Monday & Tuesday

TIMES: 8 to 5 each day

LOCATION: Moriarty, Civic Center, 202 Broadway

CREDITS: 14 hours

REGISTRATION: Free, Pre-registration required

Eligible for the Expense Reimbursement Program

CONTACT: Kat Ragsdale, 505-293-4658 or

www.ragsdaleandassociates.com

RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC – 2-DAY SDWA GROUND WATER RULE, SAMPLING & DISINFECTION

DATES: November 12-13, 2009; Thursday & Friday

TIMES: 8 to 5 each day

LOCATION: Gallup, City Hall,

110 W. Aztec Ave.

CREDITS: 14 hours

REGISTRATION: Free,

Pre-registration required

Eligible for the Expense

Reimbursement Program

CONTACT: Kat Ragsdale, 505-293-4658

or www.ragsdaleandassociates.com

You can find previous editions of this newsletter at
www.nmwwa.org
and
www.nmenv.state.nm.us/swqb/FOT/index.html

2009 NEW MEXICO TRAINING CALENDAR 2009

NMRWA TRAINING – ADVANCED OPERATOR CERTIFICATION

TOPICS: Operator certification regs; water chemistry; SDWA regs; disinfection; CT; water math

DATES: November 16-17, 2009; Monday & Tuesday

TIMES: 7:30 to 5:00 each day

LOCATION: Philmont Scout Ranch, Training Center, Buster Brown Rm.

CREDITS: 15 hours

REGISTRATION: Free, Pre-registration required

ON-LINE REGISTRATION: www.nmrwa.org

CONTACT: Susanne Lischer at 800-819-9893, susanne@nmrwa.org

NMRWA TRAINING – WATER OPERATOR CERTIFICATION FUNDAMENTALS

TOPICS: basic water chemistry; sampling & reporting; disinfection/chlorination; water math; safety; distribution systems design & quality control; pumps, motors, & mechanical systems; wells; Cl₂ dosage formulas

DATES: November 17-19; Tuesday through Thursday

TIMES: 7:30 to 4:30 each day

LOCATION: Ft. Sumner, Public Library, 235 W Sumner Ave.

CREDITS: 21 hours

REGISTRATION: Free, Pre-registration required,

Eligible for the Expense Reimbursement Program

ON-LINE REGISTRATION: www.nmrwa.org

CONTACT: Susanne Lischer at 800-819-9893, susanne@nmrwa.org

DECEMBER

RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC – 3-DAY BASIC WATER CERTIFICATION

DATES: December 1-3, 2009; Tuesday through Thursday

TIMES: 8 to 5 each day

LOCATION: Las Vegas, Luna Com. College, 366 Luna Dr.

CREDITS: 21 hours

REGISTRATION: Free, Pre-registration required

Eligible for the Expense Reimbursement Program

CONTACT: Kat Ragsdale, 505-293-4658 or

www.ragsdaleandassociates.com

NMRWA TRAININGS

– GROUND WATER RULE

TOPICS: Ground Water Rule overview, wells & watershed protection, disinfection CT calculations, sanitary surveys

DATES: December 1, 2009; Tuesday

TIMES: 7:30 to 4:30

CREDITS: 7 hours

– WATER SYSTEM MATH (1/2 DAY)

TOPICS: Math fundamentals; conversions & water calculations; dosages & chemical feeds

DATES: December 2, 2009; Wednesday

TIMES: 7:30 to Noon

CREDITS: 4 hours

– DISINFECTION & DISINFECTION BY-PRODUCTS (1/2 DAY)

TOPICS: Disinfection history, disinfection by-products, system optimization & maintenance

DATES: December 2, 2009; Wednesday

TIMES: 12:30 to 4:45

CREDITS: 4 hours

– DISTRIBUTION SYSTEMS

TOPICS: fundamentals, maintenance & repairs, flushing & water quality maintenance, distribution system math

DATES: December 2, 2009; Thursday

TIMES: 7:30 to 4:30

CREDITS: 7 hours

LOCATION: Grants, Cibola County Offices, 515 W. High St.

REGISTRATION: Free, Pre-registration required,

Eligible for the Expense Reimbursement Program

ON-LINE REGISTRATION: www.nmrwa.org

CONTACT: Susanne Lischer at 800-819-9893, susanne@nmrwa.org

RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC – 2-DAY PUMPS O&M AND WELLS O&M

DATES: December 7-8, 2009; Monday & Tuesday

TIMES: 8 to 5 each day

LOCATION: Socorro, NM Tech Library, 801 Leroy Place

CREDITS: 14 hours

REGISTRATION: Free, Pre-registration required

Eligible for the Expense Reimbursement Program

CONTACT: Kat Ragsdale, 505-293-4658 or

www.ragsdaleandassociates.com

NMRWA TRAINING – WATER OPERATOR CERTIFICATION FUNDAMENTALS

TOPICS: basic water chemistry; sampling & reporting; disinfection/chlorination; water math; safety; distribution systems design & quality control; pumps, motors, & mechanical systems; wells; Cl₂ dosage formulas

DATES: November 17-19; Tuesday through Thursday

TIMES: 7:30 to 4:30 each day

LOCATION: Raton, Convention Center, 901 S 3rd St.

CREDITS: 21 hours

REGISTRATION: Free, Pre-registration required,

Eligible for the Expense Reimbursement Program

ON-LINE REGISTRATION: www.nmrwa.org

CONTACT: Susanne Lischer at 800-819-9893, susanne@nmrwa.org

WUTAP GCS — BASIC & ADVANCED WASTEWATER TOPICS

TOPICS: Wastewater characteristics; lagoons; solids processing; collections; advanced fixed media; activated sludge process control & math; microscopic examination and Clovis WWTP plant tour

DATE: December 9-10, Wednesday & Thursday

TIMES: 8-5, both days

LOCATION: Clovis Community College, 417 Schepps Blvd.

REGISTRATION: \$100. *Advanced registration is requested*

CREDITS: 14 hours

CONTACT: WUTAP GCS, 505-984-0676, or wutap.gcs@q.com

2009 NEW MEXICO TRAINING CALENDAR 2010

RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC – 2-DAY SDWA GROUND WATER RULE, SAMPLING & DISINFECTION

DATES: December 10-11, 2009; Thursday & Friday
TIMES: 8 to 5 each day
LOCATION: Carlsbad, NMSU Carlsbad, 1500 University Dr.
CREDITS: 14 hours
REGISTRATION: Free, Pre-registration required
Eligible for the Expense Reimbursement Program
CONTACT: Kat Ragsdale, 505-293-4658 or
www.ragsdaleandassociates.com

JANUARY

RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC – 3-DAY BASIC WATER CERTIFICATION

DATES: January 12-14, 2010; Tuesday through Thursday
TIMES: 8 to 5 each day
LOCATION: Moriarty, Civic Center, 202 Broadway
CREDITS: 21 hours
REGISTRATION: Free, Pre-registration required
Eligible for the Expense Reimbursement Program
CONTACT: Kat Ragsdale, 505-293-4658 or
www.ragsdaleandassociates.com

NMWWA 54TH ANNUAL SCHOOL

TOPICS: This general water & wastewater operations workshop is for both basic and advanced, Levels 1-4. Includes special workshops.
DATES: January 25-28, 2010; Monday through Thursday
TIMES: 8 to 5 each day
LOCATION: Las Cruces, Hotel Encanto de Las Cruces, 705 Telshor Blvd.
REGISTRATION: \$250 for members, \$300 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 29, 8 to 2:30.
Submit your test application by Dec. 30th at the latest.

ON-GOING TRAINING

GOTT CONSULTING SERVICES

SERVICES: On-site training and technical assistance for private, municipal, and on-site wastewater and water operations, on-line instruction and development
CONTACT: Robert & Nancy Gott 505-466-8813
e-mail: Gott_ConsultingServices@q.com

HAZMAT SCIENCE APPLICATIONS

SERVICES: on-site decontamination proficiency eval. & training
CONTACT: David Volz or Fred Bolton,
www.hazmatscience.com; dvolz@hazmatscience.com
or fbolton@hazmatscience.com

MEC TECH SERVICES

SERVICES: On-site training, technical support, on-site laboratory services
CONTACT: Nicole Mangin, 505-459-6832; Fax 505-891-4578
www.mectechservices.com
e-mail: nicole@mectechservices.com

RAGSDALE & ASSOCIATES TRAINING SPECIALISTS, LLC

SERVICES: on-site training, plant start-ups, O&M trouble shooting, technical assistance
CONTACT: Fred Ragsdale, 505-293-4658;
e-mail: fredragsdale@comcast.net

NM MEMBERSHIP INVOLVEMENT COMMITTEE

ROCKY MOUNTAIN SECTION AWWA/WEA

DATES: 4th Thursday of each month
TIMES: 11:30 AM to 1 PM
LOCATION: Golden Corral, 3401 NM Hwy 528
CONTACT: Kathy Fitch, 505-243-3200

DONA ANA 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/>



ROCKY MOUNTAIN WATER ENVIRONMENT ASSOCIATION (RMWEA)

DATES: Over 40 wastewater & water training courses
LOCATION: anywhere with an internet connection
CONTACT: www.rmwea.org & click on Online Training

NEWSLETTER DIRECTORY OF CONTACTS

Water Utilities Technical Assistance Program
Gott Consulting Services (WUTAP GCS)
Nancy Gott, Editor 505-984-0676
P.O. Box 4192 FAX 505-466-8813
Santa Fe, NM 87502 wutap.gcs@q.com

NM Environment Department, Certification
& Training Office,
NM Utility Operator Certification Advisory Board
Mike Coffman 505-222-9575
P.O. Box 5469 FAX 505-827-0160
Santa Fe, NM 87502
www.nmenv.state.nm.us.swqb/FOT/index.html

NEW MEXICO WATER & WASTEWATER ASSOCIATION

2010 ANNUAL SHORT SCHOOL - PRE-REGISTRATION FORM

ANNUAL SHORT SCHOOL

January 26-29, 2010
 Hotel Encanto de Las Cruces
 705 Telshor Blvd.
 Las Cruces, NM

Payment in full must accompany this form or it will not be processed. Please call for payment arrangements: 505-753-8840. Note: Credit Cards Are Not Accepted.

NAME: _____ SSN# OR ID#: _____

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

EMPLOYED BY: _____ EMPLOYER PHONE #: _____

NMWWA MEMBER? YES NO ARE YOU CURRENTLY CERTIFIED? YES NO

E-Mail Address: _____

Note: Pre-registration is on a "first come - first served" basis. There will be *NO* registration at the door. To confirm registration, please call (505)753-8840 or e-mail: csmartinez@windstream.net Fax#: 753-9810. 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. You can download the class schedule from our web site: www.nmww.org
 Classes: 8:00 – 5:00 Monday-Thursday. **Note:** Please bring your study guide (water & wastewater) if you have copies.

REGISTRATION FEES:

(MARK what you are paying)

Member \$250 _____

Non Member \$300 _____

Extra Banquet Ticket \$35 _____

NMWWA State & Section Dues (if not yet paid)

Active \$45 _____

Corporate \$43 _____

Associate \$40 _____

Student \$35 _____

TOTAL _____

CLASSES:

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

ENROLLMENT:

	<u>CATEGORY</u>
55 people Basic Water (Levels I,II,SS)	_____
55 people Basic Wastewater(I, II,SS)	_____
55 people Advanced Water (III,IV,SSA)	_____
55 people Advanced Wastewater (III,IV,SSA)	_____
55 people Workshops (III, IV)	_____

Note: We do not accept credit cards.

Make check payable to:

N.M. Water & Wastewater Association

Mail form & check to:

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

Pre-Registration Deadline:

January 15, 2010

ACCOMMODATIONS:

NOTE: Make your motel reservations before: January 15th
 Mention that you are with *NMWWA* to get these rates:

- Hotel Encanto de Las Cruces 705 Telshor Blvd.
 \$65 single, \$90 double - 1-575-522-4300
- Sleep Inn 2121 S. Triviz
 \$70 single, \$70 double - 1-575-522-1700
- Motel 6 235 La Posada Lane
 \$40 single, \$50 double - 1-575-525-1010

OPERATOR SPOTLIGHT - ERNEST MACIAS

NMWWA WEST Central Section

Mr. Macias has over 34 years of experience in the water and wastewater industries. His areas of expertise include management and leadership; distribution and collection; and maintenance. Mr. Macias currently holds New Mexico certifications as a Water Operator II, Collection Systems II, along with a Wastewater Operator I.

Mr. Macias is currently the Distribution and Collections Supervisor for CH2M HILL OMI in Grants, New Mexico. Mr. Macias is responsible for supervising and assigning duties to associates, including recommending actions for hiring associates. He trains personnel in the proper utilization of the water utility system, and ensures compliance with maintenance, minor installation, and repair of water



distribution and sewer collection lines. Mr. Macias also maintains data and records and prepares periodic reports. Along with his normal duties, Mr. Macias is a lifetime member of the Grants Volunteer Fire Department.

NMWWA MONTHLY SECTION MEETINGS

- Southeast Section
 - ⊕ 1st Wednesday, rotating
 - ☎ Frank Crane, 575-397-9330
- Southwest Section
 - ⊕ 3rd Wednesday, rotating
 - ☎ Chester Ramsey, 575-571-5832
- West Central Section
 - ⊕ 4th Wednesday, Gallup
 - ☎ Ray Espinoza, 505-870-7626
- Central Section
 - ⊕ 2nd Tuesday, rotating
 - ☎ John Fitzgerald, 505-277-2465
- Northeast Section
 - ⊕ 2nd Monday, rotating
 - ☎ Jake Martinez, 505-753-9606
- Northwest Section
 - ⊕ 1st Thursday, rotating
 - ☎ Ron Montoya, 505-334-8684



**New Mexico
Water & Wastewater
Association**

PRESIDENT'S CORNER

We are well past the half-year mark and many new developments are shaping up for the Association. First, I would like to report that the Association has achieved the goal to become financially sound. In years past the Association had borrowed funds from the Sections to get over the “tight” periods in the year. It appears the increase in dues and Short-School fees have helped us accomplished the goal of establishing a Reserve Fund.

The Reserve Fund will enable the Association to develop and implement a Marketing Program. Many of the Organization and entities we work for do not know the Association exists and that you are members of it. A goal for the

marketing team is to have a presence at conferences and events which our non-operator colleagues attend for example the NM Infrastructure Finance Conference and the NM Municipal League Conference. We will also be mailing information to many of Municipalities and organizations which employ operators in an effort to gain visibility for the Association.

Another goal for the Reserve Fund includes the availability of “seed” money to develop and provide other types of training similar to the one or two day specialized training provided by some of the Sections. These specialized trainings would enable the Association to free-up

space at the short-schools and Sections Workshops for entry or lower level operators, while allowing for advanced or “outside-the-box” training for upper level operators and other non-traditional participants. Should you have recommendations or request for such please contact me or Caroline.

Additionally, the Executive Board hopes to establish a foothold into possible State and Federal funding opportunities as well as other non-typical funding sources which we can use to sustain and expand the Association.

Thank you again and should you have questions or comments please do not hesitate to contact me.

by Martin G. Lopez

These are *proposed* changes to the Utility Operator Certification Regulations 20.7.4, NMAC.

Discussions continue on the issue (20.7.4.14 I.): Should the WW3 certifications encompass the WWLT2 certification and be allowed to perform the duties of Level 2 Wastewater Laboratory Technician.

THIS IS A DRAFT FROM 05/19/2009
PLEASE MAKE COMMENTS AND RETURN TO YOUR PERSPECTIVE REPRESENTATIVE.

C. In order to perform wastewater analysis **for regulatory compliance** at the various sizes of public wastewater facilities after January 1, ~~2008~~, **2011**, the indicated level of certification shall be required

Population Served	25 to 500	501 to 5,000	5,001 to 10,000	10,001 to 20,000	20,000+
Level of Certification	WWLT1	WWLT2	WWLT2	WWLT3	WWLT3

Level of Certification Needed	Type of methodology performed
WWLT1	<u>Analyses</u> involving, colorimetry and commercially prepared reagents, including but not limited to , DO and pH by probe, Hach kits
WWLT2	WWLT1 plus analyses involving <u>other specific ion electrodes</u> , titration, gravimetry, microbiology, media and standards preparation, including but not limited to BOD, fecal coliform, <u>E.coli</u> , residuals (TSS, TVS, VSS, etc.), TCL ₂ by titration, and Dissolved Oxygen by Winkler
WWLT3 The WWLT3 certification is not subject to	WWLT1 and WWLT2 plus <u>analyses</u> involving digestion, distillation, spectrophotometry, chromatography, reagents and standards preparation, live organisms, <u>including</u> but not limited to,

section 20.7.4.14 (Restricted)	nitrogen (NO ₃ ⁻ , NH ₄ , TKN), trace metals, anions, and whole effluent toxicity
<u>SWW, SWWA, WW1, WW2, WW3, WW4, WWLT1, WWLT2 or WWLT3</u>	TCL ₂ by DPD, pH, Temperature and DO by probe

20.7.4.14 LESSER INCLUDED CERTIFICATIONS:

- A. An operator holding a SWA certification is certified to perform any activity or function or make any process control or system integrity decision which requires a SW certification.
- B. An operator holding a SWWA certification is certified to perform any activity or function or make any process control or system integrity decision which requires a SWW certification.
- C. An operator holding a WS1 certification is certified to perform any activity or function or make any process control or system integrity decision which requires a SW, WST1 and DS1 certification.
- D. An operator holding a WS2 certification is certified to perform any activity or function or make any process control or system integrity decision which requires a SW, WS1, WST1, WST2, DS1 and DS2 certification.
- E. An operator holding a WS3 certification is certified to perform any activity or function or make any process control or system integrity decision which requires a SW, SWA, WS1, WS2, WST1, WST2, DS1, DS2 and DS3 certification.
- F. An operator holding a WS4 certification is certified to perform any activity or function or make any process control or system integrity decision which requires a SW, SWA, WS1, WS2, WS3, WST1, WST2, DS1, DS2 and DS3 certification.
- G. An operator holding a WW1 certification is certified to perform any activity or function or make any process control or system integrity decision which requires a SWW and CS1 certification.
- H. An operator holding a WW2 certification is certified to perform any activity or function or make any process control or system integrity decision which requires a SWW, WW1, **WWLT1**, CS1 and CS2 certification.
- I. An operator holding a WW3 certification is certified to perform any activity or function or make any process control or system integrity decision which requires a SWW, SWWA, WW1, WW2, **WWLT2**, CS1 and CS2 certification.
- J. An operator holding a WW4 certification is certified to perform any activity or function or make any process control or system integrity decision which requires a SWW, SWWA, WW1, WW2, WW3, **WWLT2** CS1 and CS2 certification.

Discussions continue on the issue: Should the WW3 certifications encompass the WWLT2 certification?